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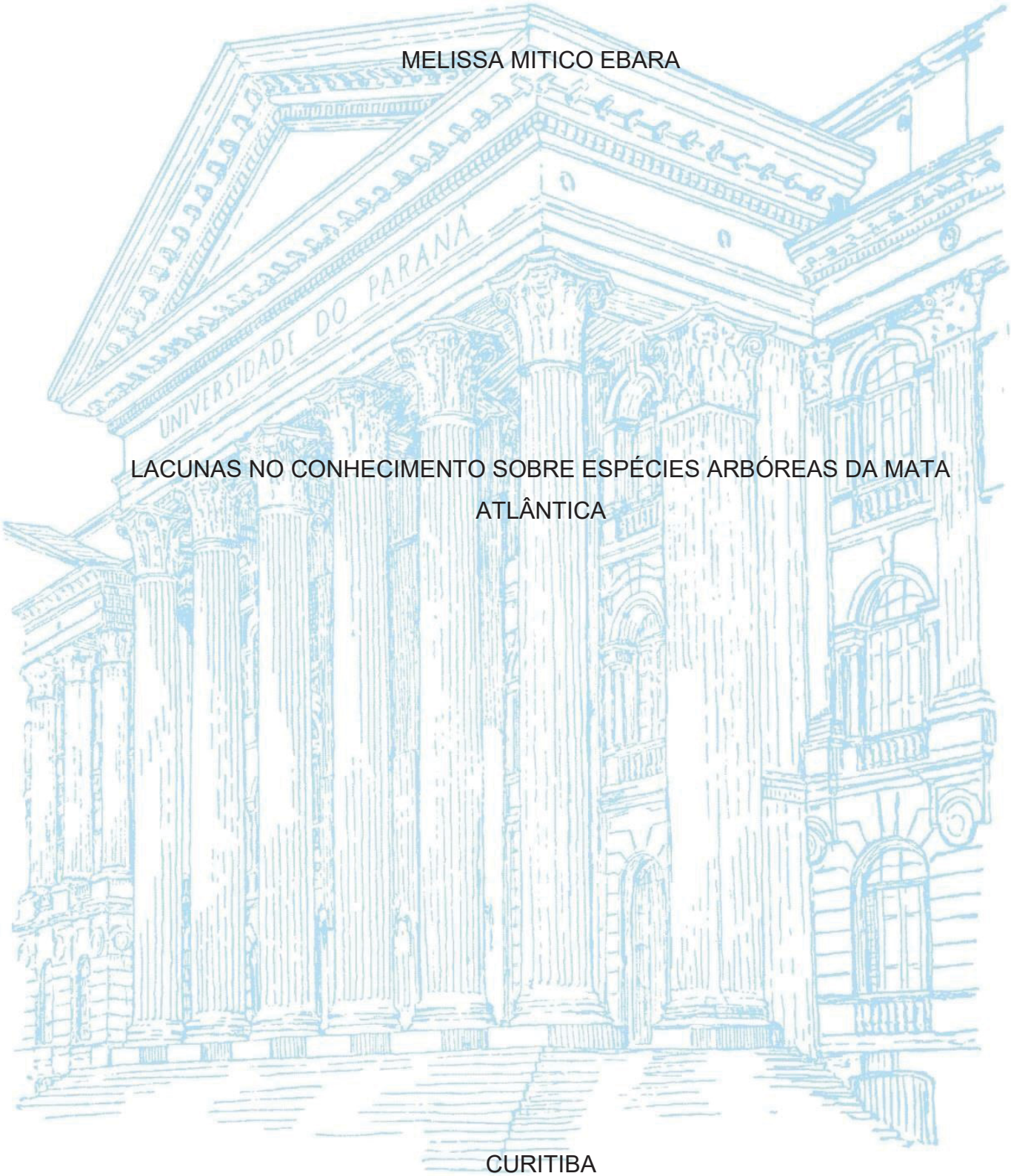

LACUNAS NO CONHECIMENTO SOBRE ESPÉCIES ARBÓREAS DA MATA ATLÂNTICA

CURITIBA

2022

MELISSA MITICO EBARA

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RESUMO

Os aspectos de informações sobre biodiversidade podem ser afetados pela existência de lacunas de conhecimento quando estas são ignoradas. Sabendo que esses vieses são ainda mais intensos nos trópicos, onde há grande variedade de vida, a Mata Atlântica, hotspot de biodiversidade que vem sendo devastado continuadamente, necessita de ações urgentes para a conservações de suas espécies. Neste trabalho analisamos os dados primários de biodiversidade das espécies arbóreas da Mata Atlântica ameaçadas de extinção encontrados em quatro bancos de dado virtuais: GBIF, SpeciesLink, NeotropicTree e JABOT, afim de identificar os fatores que influenciam na presença de lacunas de conhecimento sobre esses dados de biodiversidade, além de apontar alguns aspectos que interferem na ocorrência e densidade dos mesmos. Para explorar o padrão de riqueza potencial das espécies ameaçadas da Mata Atlântica, realizamos a modelagem de nicho e a sobreposição dos modelos binarizados. Observamos a grande influência de vieses taxonômicos e de coleta sobre a qualidade dos dados primários obtidos, além do viés ambiental, que influenciou no padrão de riqueza.

Palavras-chave: Viés de amostragem - conservação da biodiversidade - modelagem de distribuição de espécies - padrão de riqueza - deficiências de conhecimento - vazamento de dados.

ABSTRACT

Information aspects of biodiversity can be affected by the existence of knowledge gaps when these are ignored. Knowing that these biases are even more intense in the tropics, where there is a great variety of life, the Atlantic Forest, a biodiversity hotspot that has been continuously devastated, needs urgent actions for the conservation of its species. In this work we analyze the primary biodiversity data of endangered Atlantic Forest tree species found in four virtual databases: GBIF, SpeciesLink, NeotropicTree and JABOT, in order to identify the factors that influence the presence of knowledge gaps about these biodiversity data, in addition to pointing out some aspects that interfere in their occurrence and density. To explore the pattern of potential richness of endangered Atlantic Forest species, we performed niche modeling and overlapping binarized models. We observed the great influence of taxonomic and collection biases on the quality of the primary data obtained, in addition to the environmental bias, which influenced the pattern of richness.

Keywords: Sampling bias - conservation of biodiversity - species distribution modeling - richness pattern - knowledge shortfalls - data leakage.

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INTRODUÇÃO GERAL

Sabe-se que a informação que coloca um táxon específico em um determinado lugar e momento é denominada de dado primário de biodiversidade (SOUSA-BAENA et al., 2014). A coleta e digitalização destes dados é algo essencial para melhorar estratégias de conservação (IPBES, 2016; COLLI-SILVA et al., 2020). Porém, devido à constante dinâmica da natureza e também à nossa capacidade de pesquisa-la, mesmo com uma incansável busca pelo conhecimento, o total entendimento sobre qualquer aspecto da biodiversidade é praticamente inatingível (LADLE e HORTAL, 2013). Dessa forma, é necessário considerar e lidar com as possíveis lacunas existentes no conhecimento que temos sobre biodiversidade em qualquer pesquisa a respeito da diversidade biológica (ARIÑO et al., 2013; BOAKES et al., 2010; COLLI-SILVA et al., 2020; HORTAL et al., 2015).

Entende-se como lacunas de conhecimento sobre biodiversidade o espaço vazio entre o conhecimento que temos e o conhecimento completo dentro de um domínio biológico em determinado momento. Sua existência se deve à complicidade do sistema evolutivo, uma vez que a especiação supera a nossa capacidade de descrever todas as espécies existentes (HORTAL et al., 2015).

Hortal et al (2015) e Lomolino (2004) classificaram as lacunas de conhecimento de acordo seus domínios, sendo: i) a falta de conhecimento de Linnaeus, referente à diferença entre as espécies descritas e o número de espécies que realmente existem; ii) a falta de conhecimento de Wallace, aquela que trata da lacuna sobre a distribuição geográfica das espécies; iii) falta de conhecimento de Preston, que versa a abundância da espécie e sua dinâmica populaciona no espaço e tempo; iv) a falta de conhecimento de Darwin, que se refere ao conhecimento que não temos sobre a evolução das espécies; v) a falta de conhecimento de Raunkiaer, que aborda sobre

os traços funcionais das espécies; vi) a falta de conhecimento de Hutchinson, tratando das tolerâncias das espécies às condições abióticas; vii) e a falta de conhecimento de Elton, que refere-se à lacuna sobre interações entre espécies ou grupos de espécies.

A procedência dos vieses em dados primários de biodiversidade vem sendo bastante estudada e pode abranger diversos aspectos como, por exemplo, o esforço amostral em relação à proximidade de instituições de pesquisas, ou à sazonalidade da coleta e até mesmo à altitude e acessibilidade do local de estudo. Além disso, o mal armazenamento de dados podem gerar perdas de informação, seja pelos danos físicos sofridos durante o armazenamento ou até mesmo pela falta de atualização nas informações dos espécimes em bancos de dados (MEINEKE e DARU, 2021). Dessa forma, é necessário realizar um processamento cuidadoso e a triagem de erros e imprecisões antes de realizar análises com dados primários de biodiversidade (PETERSON et al., 2018).

A Mata Atlântica é um hotspot de biodiversidade, abrigando grande variedade de espécies endêmicas e ameaçadas de extinção (MITTERMEIER et al., 1999; LIMA et al., 2018) que cobria originalmente cerca de 150 milhões de hectares com condições ambientais altamente heterogêneas (CÂMARA, 2003). A urbanização, junto da industrialização e expansão agrícola trouxeram um grande crescimento econômico para a região deste bioma, porém também geraram uma grande fragmentação e perda de ambientes naturais (FONSECA, 1985; ZACHOS & HABEL, 2011). A maior parte da floresta remanescente da Mata Atlântica encontra-se em pequenos fragmentos (RANTA et al., 1998), o que levou diversas espécies deste bioma à ameça de extinção (PARKER et al., 1996). Há na Mata Atlântica mais de 1500 espécies vegetais ameaçadas de extinção e que necessitam de melhores planejamentos de conservação (MARTINELLI e MORAES, 2013).

A modelagem de nicho ecológico (ENM) tem se tornado uma ferramenta fundamental para avaliar condições ambientais adequadas e distribuição das espécies (ARAÚJO e PETERSON, 2012; PETERSON e ROBINS, 2003; ZWIENER et al., 2017), possibilitando estimar a distribuição das espécies em diferentes locais e períodos (ANDERSON et al., 2003). Tendo como base o conceito de que os requisitos ambientais de uma espécie determinam seu local de existência e permanência para gerar populações viáveis (GRINELL, 1917; SOBERÓN, 2010), esta ferramenta consiste em avaliar a distribuição potencial da espécie a partir da combinação de variáveis preditoras com dados primários de biodiversidade, gerando um modelo estatístico (SOBERÓN e PETERSON, 2005; PETERSON et al., 2011). O uso da modelagem de nicho das espécies já se mostrou uma grande aliada para a conservação, levando a novas amostragens de espécies raras (SIQUEIRA et al., 2009) e até mesmo à descoberta de espécies até então desconhecidas pela comunidade científica (RAXWORTHY et al., 2003).

Sabendo que as lacunas de conhecimento são mais pronunciadas nos trópicos e interferem as estimativas de biodiversidade quando ignoradas (OLIVEIRA et al., 2016), buscamos neste projeto analisar dados primários de biodiversidade de espécies arbóreas ameaçadas de extinção presentes na Mata Atlântica. Tivemos como objetivo identificar fatores que geram vieses em na ocorrência e densidade das espécies, além de observar se esses fatores são diferentes quanto o nível de ameaças das mesmas (vulneráveis, em perigo ou criticamente ameaçadas de extinção). Utilizamos a modelagem de nicho das espécies para avaliar o padrão de riqueza potencial das espécies arbóreas ameaçadas na Mata Atlântica, buscando identificar áreas potenciais para coleta de novos registros para as espécies trabalhadas.

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Knowledge Gaps on Primary Biodiversity Data and Distribution of Endangered Tree Species in The Atlantic Forest

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ABSTRACT

Knowledge gaps affect many aspects of the information on biodiversity and can lead to erroneous estimates if ignored. Loss of information from inaccurate species identification and georeferencing, and sampling bias are considered important factors that may contribute to the lack of knowledge, particularly in the tropics, where biodiversity is concentrated. Here, we analyze the primary biodiversity data of endangered Atlantic Forest tree species obtained in four databases: GBIF, SpeciesLink, NeotropicTree and JABOT, in order to identify the factors that influence the loss of quality of these data, in addition to pointing out some aspects that interfere in their occurrence and density. To explore the potential richness pattern of endangered Atlantic Forest species, we performed niche modeling and the overlapping of binarized models. We observed the great influence of taxonomic and collection biases on the quality of the primary data obtained, in addition to the environmental bias, which influenced the pattern of richness.

Keywords: Sampling bias, conservation of biodiversity, species distribution modeling, richness pattern, knowledge shortfalls, data leakage.

INTRODUCTION

It is known that there are gaps in knowledge about biodiversity in different biological aspects, resulting from disproportionate sampling in time and space and influenced by different human interests (Cardoso et al. 2011). Knowledge gaps can be defined as the gaps between the knowledge we have and the complete knowledge within a biological domain at a given time (Hortal et al. 2015). It can be categorized into: taxonomic; biotic interactions; species abundance; geographic distribution;

evolutionary history; abiotic tolerance; functional attributes; and ecosystem functions (Hortal et al. 2015). Tropical regions harbor the greatest amount of diversity, but also one of the least understood and known, as well as being constantly under anthropogenic threat, so the gaps are more pronounced (Oliveira et al. 2016). One of the main recommendations for conservation planning is that knowledge gaps are identified, quantified and addressed (Hortal et al. 2015).

Primary biodiversity data, information that places a particular taxon at a particular time and place (Sousa-Baena et al. 2013), play key roles in biodiversity assessments and public policy making (Cardinale et al. 2012; Gardner et al. 2009; MEA 2005; Zwiener et al. 2017). This is the most essential information on biodiversity containing the taxonomy, time and place of collection per record or specimen in a scientific collection or database. However, it is well known that primary biodiversity data need careful processing and screening for errors and inaccuracies before use (Peterson et al. 2018).

Many factors, such as detectability and proximity to access roads, can lead to spatial variation in the presence and intensity of sampling, a phenomenon known as sampling bias (Sheth et al. 2008; Oliveira et al. 2016; Zwiener et al. 2021). Sampling bias increases uncertainty about species diversity and geographic distribution (Boakes et al. 2010), especially the rare (Hortal et al. 2008), thus having a strong influence on the lack of knowledge of biodiversity (Hortal et al. 2015). In this way, critically evaluating available biodiversity information is a crucial step to understand possible knowledge gaps, sources of data leakage, sampling biases and also large-scale biodiversity patterns.

The Atlantic Forest biodiversity hotspot is located in the Neotropical region and is home to a wide variety of endemic and endangered species (Mittermeier et al. 1999;

Lima et al. 2018). In addition, it was originally one of the largest tropical forests in the Americas, with its fauna and flora representing up to 8% of the world's total species (Silva & Casteleti 2003). However, even with such importance, the Atlantic Forest has been continuously devastated (Brooks et al 1999), for example, illegal logging, deforestation for agriculture and mining, overgrazing and urbanization have contributed to the decline of continuous preserved forests and reduced the original cover to 20% composed mainly of small and impacted secondary fragments (Rezende et al. 2018). Knowing that climate change is increasingly becoming an additional threat to the existence of species with limited distribution (Zwiener et al. 2018) and that more than a fifth of all angiosperms endemic to the Atlantic Forest have documentation problems in their spatial data, which makes it difficult to study conservation measures (Colli-Silva et al. 2020), it is necessary to improve the inventory of research on biodiversity, maximizing coverage and filling gaps in our knowledge, in addition to evaluating and dealing with the biases present in each study (Hortal et al. 2015).

Faced with the urgent need for conservation measures in the Atlantic Forest, ecological niche modeling (ENM) is increasingly becoming a fundamental tool to assess adequate environmental conditions and potential distribution of species (Peterson & Robins 2003; Araújo & Peterson 2012; Zwiener et al. 2017). ENM is based on the concept that a species' environmental requirements determine where it can sustain viable populations (Grinnell 1917; Soberón 2010). To estimate environmental suitability and geographic distributions, ENM uses occurrence records (i.e. primary biodiversity data) that are correlated to environmental layers and projected onto geography (Peterson et al. 2011).

The use of ENM has already proved to be very useful for the conservation and assessment of biodiversity, for example, enabling the sampling of new rare species

(Siqueira et al. 2009) and even the discovery of hitherto unknown species (Raxworthy et al. 2003). However, such a tool is based on the assumption that occurrences are randomly distributed within the species' distribution areas, which is rarely the case, considering the potential influence of knowledge gaps. In this context, assessing the information available in digitized primary biodiversity data and the effects of sampling biases is essential to understand knowledge gaps and, ultimately, generate better estimates of geographic distribution and inform sampling strategies to fill these gaps.

Here, we obtained primary biodiversity data for all endangered tree species that occur in the Atlantic Forest, to quantify and assess data leakage, assess sampling bias, and estimate geographic patterns of biodiversity. More specifically, we seek to answer the following questions: 1) What are the main factors that generate information loss of primary biodiversity data? 2) What are the factors that determine the occurrence and density of primary data on biodiversity of endangered trees in the Atlantic Forest? 3) Does the relative contribution of such factors vary with different levels of threat to extinction? 4) What is the geographic pattern of the potential richness of endangered tree species in the Atlantic Forest? Our results provide important information for the strengthening and implementation of national action plans for the conservation of endangered species in Brazil and highlight the sampling and data curation efforts that need to be carried out to better represent such important species in electronic databases.

MATERIAL AND METHODS

Study region

The Atlantic Forest, the second largest tropical forest in South America, has a total

original area of 1.6 million hectares (Muylaert et al. 2018), covering diverse environmental and vegetation gradients (Marques e Grelle 2021). The regions with the greatest species richness of the biome are located on the coasts of complex topology of the states of Rio de Janeiro and São Paulo (Marques et al. 2021). In addition, it presents main centers of endemism, being the coastal region and the center of Bahia, the state of Pernambuco, the Serra do Mar and the state of Paraná (Peres et al. 2020).

With altitude ranging from sea level to 2,891 meters of elevation (IBGE 2008, Marques et al. 2021), the Atlantic Forest is home to most of Brazil's hydrographic regions (Padial et al 2021). The biome presents, along its length, diverse relief, with mountains, plains, depressions, plateaus and boards, as well as 11 different ecoregions (IBGE 1993, IBGE 2008).

Marques and Grelle (2021) categorized the Atlantic Forest into 3 different regions due to their different physiognomies and landscapes, namely: Atlantic Forest of the Northeast, recognized for its high endemism of plants, butterflies and birds (Lins-e-Silva et al. 2021); Central Corridor, an area that runs from the south of Bahia to the north of the state of Espírito Santo and is home to a highly diverse biota with high levels of endemics (Faria et al. 2021); and the South Atlantic Forest, highly degraded and rich in biodiversity (Carlucci et al. 2021).

Primary Biodiversity Data

Several tree species are present in the Atlantic Forest and, among them, we selected those indicated with some degree of threat of extinction in the Livro Vermelho da Flora do Brasil (2013), released by the Brazilian Ministry of the Environment. A total of 1540 species of plants present in the Atlantic Forest domain and with some degree

of threat of extinction were identified, among these 228 tree species (Appendix 1), according to the tree classification indicated by Flora do Brasil 2020 (http://floradobrasil.jbrj.gov.br).

We taxonomically standardized the species according to the APG IV nomenclature system and compiled occurrence records for each species in four electronic databases: SpeciesLink (http://www.splink.cria.org.br), GBIF (https://www.gbif .org/), NeotropicTree (http://www.neotroptree.info) and JABOT (http://www.jabot.jbrj.gov.br).

In this article, as well as the Red Book of Flora of Brazil, we use the IUCN Red List endangered species classification system, which uses the criteria of population decline rate, population size and distribution, geographic distribution area and degree of fragmentation to determine the threat level of the species.

Data cleaning

Initially, we checked, corrected and standardized species records by comparing the location specified in the records specimen vouchers and the records of the geographical location using the plantR (Lima et al. 2021). After this step, we carried out the data cleaning, quantifying and removing species records: (i) without taxonomic information or with a different name from the target species of the study; (ii) around the GBIF headquarters in Copenhagen, located in the open sea, with either zero longitude or latitude, (iii) collected before 1988, (iv) geographic outliers, and records located more than 20km away from the natural range based on information about endemism, Brazilian state and domain of occurrence provided by Flora e Funga do Brasil (https://floradobrasil.jbrj.gov.br); (v) with equal latitude and longitude coordinates and duplicated based on species name and coordinates; (vi) cultivated or probably

cultivated and located in province centroids, country capitals, biodiversity institutions (zoos, botanical gardens, herbaria, universities and museums); (vii) located outside the Neotropical region. Data filtering were performed with the CoordinateCleaner R package (Zizka et al. 2018).

Ecological niche modeling

Prior to model calibration, we generated independent variables based on Principal Component Analysis (PCA) with a correlation matrix and the following variables: 19 bioclimatic variables available in WorldClim version 2.0 - Global Climate Data (http://www.worldclim.org/), four soil variables with a lower degree of uncertainty for the Atlantic Forest available in the SoilGrids - global grided solo information – ISRIC (https://www.isric.org) and also two topographical variables available in EarthEnv (http://www. earthenv.org), all with resolution of 2,5' (aproximadamente 5 km) (see the detailed list of variables used in the Appendix 2).

We apply a spatial filter to the occurrences of each species to reduce spatial autocorrelation and avoid model overfitting. To estimate the spatial distance, we calculated the Moran I index using the first three principal components, and identified the distance between 1 and 10 km with the smallest mean spatial autocorrelation between three variables as the best distance to fine tune the points. This step was performed using the flexsdm package in R (Velazco et al. 2022). Subsequently, we estimated the accessible areas for calibration and projection of models based on a minimum convex polygon with a 50km buffer around the occurrence points, for each species separately.

To obtain reliable estimates, it was decided to generate ecological niche models for species with at least seven occurrence points remaining after cleaning and filtering

procedures. Ecological niche models were estimated based on minimal volume ellipsoids using the ntbox R package (Osorio-Olvera et al. 2020). First, the selection of the best parameterization of the model was carried out based on the omission rate and partial area under the receiver operating characteristic curve (AUC-ROC). This procedure was done using 70% of presence points per species for calibration and 30% for model testing. We selected the best model generated from an omission rate of 10%, with the ellipsoid of the model generated from 2 to 9 dimensions, using all possible combinations of PCs.

After obtaining the best model of each species, the final models were generated with all points and then binarized using a minimum presence limit, discarding the lowest 10% of adequacy. Such models were used to estimate the potential distribution of each species.

Data analysis

After cleaning and verification procedures, we used the occurrences to calculate the number of species records in a 20 km grid of Atlantic Forest. To investigate potential sampling bias, we obtained six spatially explicit independent variables (Table 1), which we hypothesized to correlate with the presence and density of primary biodiversity data (Zwiener et al. 2021): distance from roads, population density, distance from scientific centers (postgraduate studies in biodiversity), forest cover, presence of cities and protected areas. To test the effects of the variables we fitted a barrier model (negative binomial for count data and binomial for presence/absence data) for records of all species combined, and also for records of species according to different threat categories (critical, endangered and vulnerable). All explanatory variables were standardized before the analyses. We use the pscl package to adjust

the obstacle models (Zeileis et al. 2008).

To assess geographic patterns of endangered species richness across the Atlantic Forest, we first sliced the binarized distribution estimates by the extent of the Atlantic Forest and then stacked each model to obtain the potential richness.

Table 1 - Description, calculation method and source where the explanatory variables were obtained to investigate potential sampling bias for the occurrence and density of records of endangered trees in the Atlantic Forest.

Variable	**Description - Calculation**	**Source**
Protec. areas	Area covered by protected areas - The shapefiles were rasterized by calculating the *cover* in each pixel	Ministério do Meio Ambiente (http://mapas.mma.gov.br/i3geo/datadownload.htm) World Database on Protected Areas (WDPA) 1.0 (https://www.unep-wcmc.org/resources-and-data/wdpa)
Pop. size	Total human population - The official data for 2016 was rasterized to the standard grid and summed up for each pixel	Instituto Brasileiro de Geografia e Estatística (https://portaldemapas.ibge.gov.br)
For. Cover	Remaining forest cover - The shapefile with forest remnants was rasterized by calculating the cover in each pixel	Fundação SOS Mata Atlântica (2017) (https://ww.sosma.org.br)
Road dist.	Distance from the nearest federal or state highway - The shapefile for roads was transformed into a binary raster, and the geographic distance to the nearest pixel with	Instituto Brasileiro de Geografia e Estatística (https://portaldemapas.ibge.gov.br)

	a road was calculated	
Grad dist.	Distance from the nearest institution with graduate programs in Botany or Ecology - The list of graduate programs was assigned coordinates for the municipalities and rasterized into binary data. The minimum geographic distance to any pixel with the presence of an institution was calculated	Plataforma Sucupira (2019) (https://sucupira.capes.gov.br/sucupira/)
Cities	Density of cities - The shapefile with the centroids for capitals and municipalities was rasterized by counting the number of centroids per pixel	Instituto Brasileiro de Geografia e Estatística (https://portaldemapas.ibge.gov.br)

RESULTS

Data cleaning

Initially, we obtained a total of 76,724 primary biodiversity data for endangered trees in the Atlantic Forest, of which 51.91% passed the validation and standardization stage, 23.09% did not present duplicates and only 20.78% of the initial data passed all steps. Note in table 1 the cleaning steps performed, the number of remaining points and the number of points removed per stage, where we observed a great loss of data in the standardization and taxonomic validation stage followed by the extraction of cultivated or probably cultivated and naturalized plants.

Table 2 – Data cleaning and leakage of information from primary biodiversity data of endangered tree species occurring in the Atlantic Forest. Data was obtained from SpeciesLink (http://www.splink.cria.org.br), GBIF (https://www.gbif.org/), NeotropicTree (http://www.neotroptree.info) and JABOT (http://www.jabot.jbrj.gov.br)

Cleaning steps	**Remaining points**	**Removed points**
Total records	76,724	-
Taxonomic validation	40,068	36,656
Outliers	40,051	17
Duplicates	17,897	22,154
Cultivated and naturalized records	16,121	1,776
Outside the Neotropics	16,115	6

The average number of records per species was 342, with *Cedrela odorata* L. having the highest number (2,266 records) and *Myrcia skortzoviana* (Mattos) E.Lucas & C.E.Wilson, *Inga enterolobioides* T.D.Penn., *Didymopanax acuminatus* Marchal, *Couepia meridionalis* Prance e *Algernonia kuhlmannii* (Emmerich) G.L.Webster with no valid record. It is important to note that no occurrence records were found in any of the databases used in this study for three endangered and endemic species of the Atlantic Forest: *Plinia sebastianopolitana* G.M.Barroso (vulnerable to extinction), *Manilkara bella* Monach. (threatened) e *Chionanthus tenuis* P.S.Green (critically endangered). Remaining points after data cleaning steps can be seen in Appendix 3.

Sampling bias

The barrier model revealed some of the determining factors for the occurrence and

density of primary data on biodiversity of endangered trees in the Atlantic Forest (Fig. 1). Overall, the presence of protected areas, nearby cities, and amount of forest cover positively influence data availability, while distance from roads and scientific institutions negatively impacted data presence and density across the Atlantic Forest (Fig. 1a). Such effects remained relatively constant for groups of species analyzed separately according to threat status. The exceptions were population size which had a significant positive effect on the presence and density of records for threatened and vulnerable species (Fig. 1b and c), distance from scientific institutions which showed no significant effect on the density of records for threatened species (Fig. 1b), and the presence of cities was also not significant for the density of endangered, vulnerable and critically endangered species records (Fig. 1b, 1c e 1d).

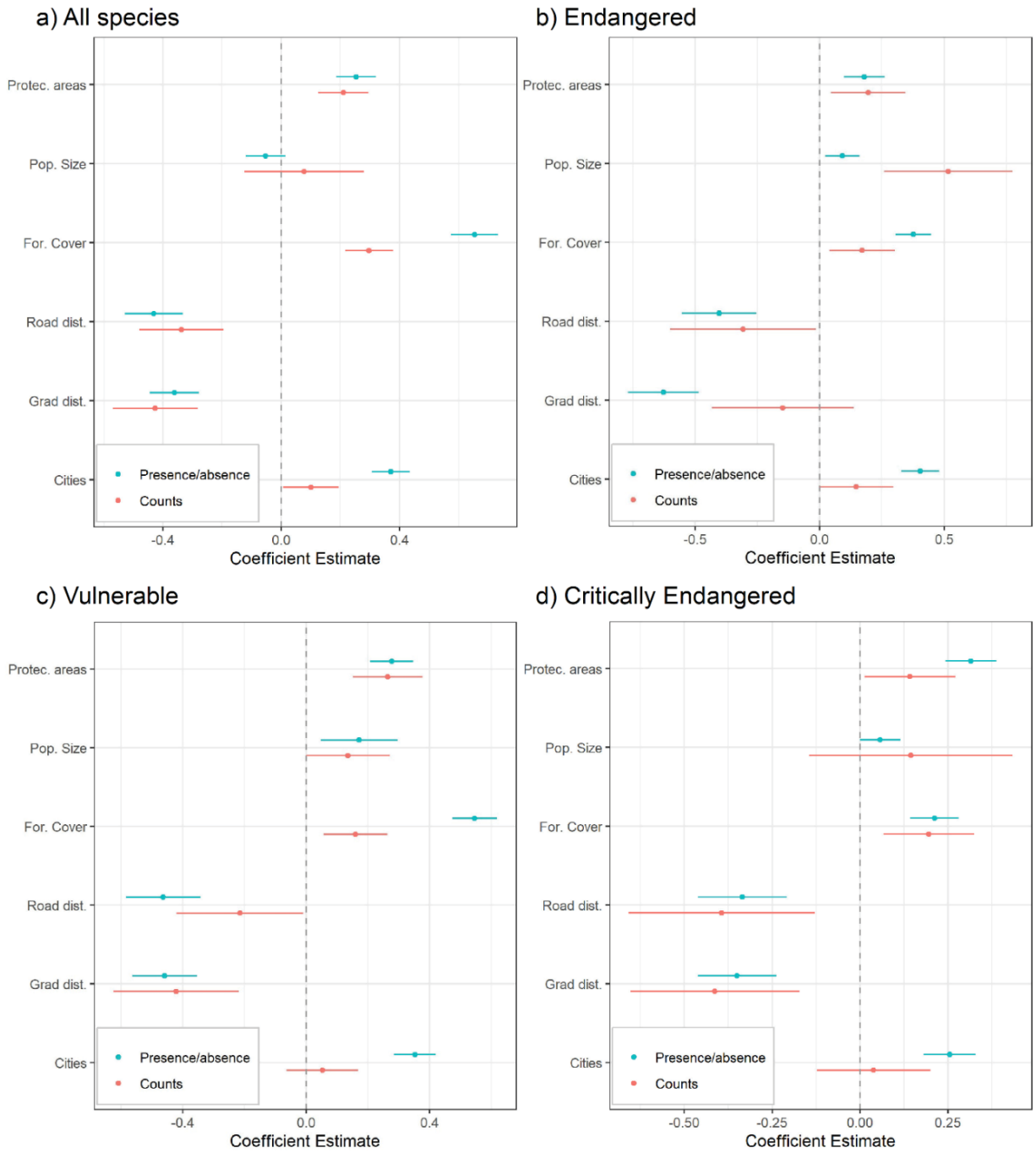

Fig 1. Influence of selected independent variables on the presence and absence of occurrence data for: (a) all threatened species in the Atlantic Forest; (b) endangered species; (c) species vulnerable to extinction; d) Critically endangered species. The dashed line separates negative influences (left) from positive influences (right). The analyzes were performed using a barrier model, where each point represents the estimated effect of the respective independent variable, together with its confidence interval, with the effect on the presence and absence of records in blue and the effect on the density of records in red.

Species distribution and geographical patterns

Of the 228 threatened tree species, only 145 had enough data to run models. Thus, the generated pattern of potential species richness contained niche models for 145 endangered species. The pattern of species richness revealed regions of the Atlantic Forest with a potentially high number of endangered species, these regions coincide with the center of the domain, along the Serra do Mar (Fig. 2).

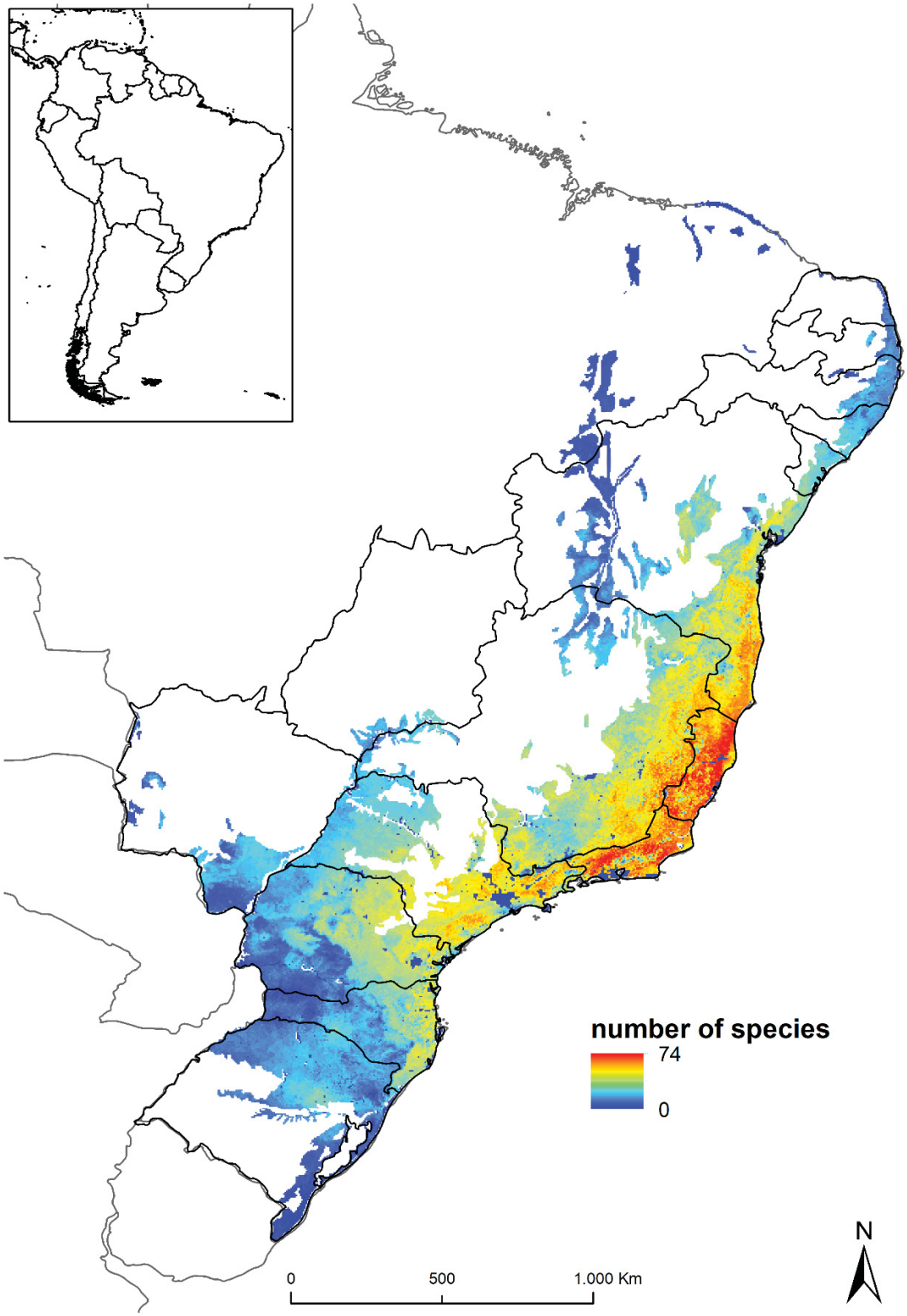

Fig 2. Pattern of potential richness of endangered species in the Atlantic Forest generated from the stacking of ecological niche models with thresholds. Cool colors (blue) represent the regions with the fewest species and warm colors (red) the regions with the highest potential number of species.

DISCUSSION

Digitally available biodiversity data are an important source of information for conservation studies (Colli-Silva et al. 2020), however, may contain several knowledge gaps (Colli-Silva et al. 2020; Hortal et al. 2015, Ariño et al. 2013 ; Boakes et al. 2010), it is important to perform the quantification of biases in specimen datasets to allow the application of these data (Meineke e Daru 2021). We observed with our results some of these gaps when dealing with the lack of information for endemic species of the Atlantic Forest domain, which was also observed by Colli-Silva et al. (2020) in their study using primary data obtained only from the GBIF database, reporting that more than a fifth of all angiosperm species endemic to this domain have documentation problems in their spatial data.

Even with such a loss of data, performing the analysis of the primary biodiversity data obtained and also their selection is a crucial step to be able to work with this information, as erroneous records can lead to the overestimation of species richness in areas outside the centers of diversity (Maldonado et al. 2015; Meineke e Daru 2021). According to Ariño et al. (2013), obtaining records in sufficient quantity and quality for the region and study group of interest is the biggest problem for users of biodiversity data. An example for this statement is the result of data cleaning in this article, where we observed, in all the rounds performed, data loss, being in the validation and standardization steps and the removal of duplicates where we obtained the highest amount of loss, respectively 48 .09% and 55.21% in each step mentioned above. This result ended up reinforcing the idea of Graham et al. (2004), that the identification of the species and its locality are the aspects most predisposed to collection errors.

Using our Hurdle model, we were able to observe some of the determining factors for the occurrence of primary data on biodiversity of endangered trees in the

Atlantic Forest. The distance from highways and access roads proved to be a negative aspect, as well as the distance from institutions with programs in Botany or Ecology, that is, the presence of primary data on endangered tree species in the Atlantic Forest decreased as these institutions and access roads have moved away. Therefore, it was possible to notice the need for greater investment in science, providing resources both for access to remote areas, as well as for reaching areas of difficult access.

There is a positive influence of forest cover on the presence of records, which is greater as the remaining forest cover of the area increases. This result may be indicative of a factor that generates spatial bias in the data, since protected areas have become the focus of studies for conservation, as well as places with rare species (Boakes et al. 2010). In addition, population size proved to be a positive factor for the density of records, but a negative factor for the occurrence of species, reinforcing the collection and environmental bias.

The determining factors for the occurrence and density of primary biodiversity data on threatened trees in the Atlantic Forest differed when evaluated by the threat level of the species. Although all the independent variables used have the same characteristic (positive or negative) of influence, both for density and for data occurrence for all observed threat levels, the intensity of this influence was different.

Population size showed greater variation in the interference difference between the presence of data and the density of records for endangered species, being more influential in the density of primary data. As for forest cover, the difference in influence between occurrence and density of records was greater for species classified as vulnerable to extinction, being more influential in the presence of occurrence records than in the density of these records.

The origin of biases in occurrence data has been extensively studied and

generally encompasses sampling effort and taxonomic biases, in addition to spatial and temporal biases (Boakes et al. 2010; Colli-Silva et al. 2020; Hortal et al. 2015). The presence of biases in our primary data may come from the preference for collecting in certain habitats, which influences the presence of environmental biases (Boakes et al. 2010; Meineke e Daru 2021). In addition, biases may occur in biodiversity estimates due to the main intention of taxonomists, who mainly seek to acquire data on rare species or as many species as possible rather than obtaining information on the distribution pattern of biodiversity (Sastre e Lobo 2009) and also by the methodology used to define the taxonomic units (Leasi et al. 2018).

Community structuring studies using distribution data face several challenges, including the difficulty of understanding how species are distributed in space and the complexity of identifying the environmental processes responsible for structuring communities (Diniz-Filho e Bini 2005). In addition, spatial representation through richness maps has been used to optimize the conservation of biodiversity in regions (Ferrier 2002), either to assess the suitability of existing protected areas or to create new areas (Burns et al. 2003).

With our pattern map of potential richness of endangered species in the Atlantic Forest, we observed a greater number of species present in the southeastern region of Brazil, mainly in the states of Rio de Janeiro and Espírito Santo. In addition, we found a lower richness in the South and Northeast regions. We can say, therefore, that the threatened tree species of the Atlantic Forest tend to be more concentrated in the central portion of the domain and closer to the coastal regions

Even knowing that modeling analysis using occurrence records is a good way to expand knowledge about the ecology of species, in addition to their historical distribution and status changes, helping in their conservation and management, it is

necessary to reinforce that the results obtained must be analyzed deal with the possible biases contained in it so as not to result in misleading data (Monsarrat et al. 2018; Meineke e Daru 2021). An example for this statement is that geographic biases often make biodiversity maps very similar to research effort maps (Hortal et al. 2007), intensifying Wallace's lack of knowledge, which deals with gaps in knowledge about biodiversity. geographic distribution of species (Lomolino 2004). Thus, it is necessary to seek equality in the collection effort among all areas, reducing the biases arising from the collection methodology (Meineke e Daru 2021).

Several factors generate the loss of primary biodiversity data and are directly linked to the lack of knowledge, among them, the ones that most generate losses of primary biodiversity data are those linked to taxonomic bias, collection bias and also to environmental bias and, trying to to reduce these biases and fill gaps in knowledge of biodiversity, greater investment is needed. The pattern of species richness helps in the identification of strategic areas for the conservation of species, but it is also influenced by factors that cause noise in its results.

DECLARATIONS

Conflict of interest

The authors declare no competing interests.

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CONCLUSÃO E RECOMENDAÇÕES

Diversos fatores geram a perda de dados primários de biodiversidade e estão diretamente ligados às faltas de conhecimento, dentre eles, os que mais geram perdas de dados primários de biodiversidade são os ligados ao viés taxonômico, viés de coleta e também ao viés ambiental. Para tentar reduzir esses vieses e preencher lacunas no conhecimento de biodiversidade, é necessário maior investimento na ciência, seja para igualar o esforço amostral ou também para que os depósitos de coleta tenham mais manutenção, sendo as coletas digitalizadas e atualizadas com maior frequência. O padrão de riqueza das espécies auxilia na identificação de áreas estratégicas para a conservação das espécies, porém também é influenciado por fatores que causam ruídos em seus resultados, reforçando a necessidade de mais estudos sobre os fatores que geram vieses nos dados de biodiversidade, para que mais trabalhos sejam realizados com a finalidade de preencher lacunas e reduzir possíveis ruídos.

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SUPPLEMENTARY MATERIAL LEGEND

Appendix 1. List with the name of 228 species classified as endangered trees in the Atlantic Forest indicated by the “Livro Vermelho da Flora do Brasil (2013)”.

Appendix 2. Table with description and source of bioclimatic variables used to perform PCA.

Appendix 3. Table with remaining occurrence points of all species after data cleaning step, containing: in column “scientific_Name” the species name; in column “decimal_Latitude” the latitude coordinate of the point of occurrence and; in column “decimal_Longitude” the longitudinal coordinate of the occurrence point.

SUPPLEMENTARY MATERIAL

Appendix 1. List of endangered tree species in Atlantic Forest

Threatened tree species in Atlantic Forest target of the study
Albizia burkartiana
Algernonia kuhlmannii
Andreadoxa flava
Annona dolabripetala
Annona emarginata
Annona pickelii
Apuleia leiocarpa
Araucaria angustifolia
Beilschmiedia rigida
Bunchosia macilenta
Byrsonima alvimii
Callisthene inundata
Campomanesia espiritosantensis
Campomanesia hirsuta
Campomanesia macrobracteolata
Campomanesia reitziana
Cariniana ianeirensis
Cariniana legalis
Cariniana parvifolia
Casearia paranaensis
Cedrela angustifolia

Cedrela fissilis

Cedrela odorata

Chionanthus fluminensis

Chionanthus subsessilis

Chionanthus tenuis

Chrysophyllum imperiale

Chrysophyllum januariense

Conchocarpus coeruleus

Couepia belemii

Couepia carautae

Couepia leitaofilhoi

Couepia meridionalis

Couepia schottii

Couratari asterotricha

Couratari pyramidata

Cupania concolor

Cupania furfuracea

Dalbergia elegans

Dalbergia nigra

Dicksonia sellowiana

Didymopanax acuminatus

Didymopanax auratus

Duguetia magnolioidea

Duguetia restingae

Duguetia reticulata

Duguetia scottmorii

Duguetia sooretamae

Erisma arietinum

Eschweilera alvimii

Eschweilera compressa

Eschweilera tetrapetala

Eugenia bunchosiifolia

Eugenia disperma

Eugenia guanabarina

Eugenia hermesiana

Eugenia itacarensis

Eugenia joenssonii

Eugenia leonorae

Eugenia macrobracteolata

Eugenia malacantha

Eugenia mattosii

Eugenia myrciariifolia

Eugenia neotristis

Eugenia pachyclada

Eugenia peruibensis

Eugenia pruinosa

Eugenia pseudomalacantha

Eugenia repanda

Eugenia rotundicosta

Eugenia tenuipedunculata

Eugenia vattimoana

Eugenia villae-novae

Euplassa cantareirae

Exellodendron gracile

Ficus cyclophylla

Galipea carinata

Gleditsia amorphoides

Handroanthus arianeae

Handroanthus riodocensis

Handroanthus spongiosus

Hirtella insignis

Hirtella parviunguis

Hirtella santosii

Homalolepis insignis

Hornschuchia obliqua

Huberia carvalhoi

Huberia espiritosantensis

Humiriastrum spiritu-sancti

Inga arenicola

Inga enterolobioides

Inga grazielae

Inga mendoncaei

Inga platyptera

Inga suborbicularis

Inga unica

Jacaranda crassifolia

Jacaranda microcalyx

Kielmeyera occhioniana

Kielmeyera rufotomentosa

Kielmeyera rupestris

Lecythis schwackei

Licania arianeae

Licania belemii

Licania indurata

Lychnophora sellowii

Macropeplus friburgensis

Manilkara bella

Manilkara dardanoi

Manilkara maxima

Manilkara multifida

Melanoxylon brauna

Melicoccus espiritosantensis

Meriania callophylla

Mezilaurus navalium

Miconia capixaba

Miconia picinguabensis

Miconia setosociliata

Mimosa myuros

Moldenhawera papillanthera

Mouriri arborea

Myrceugenia bracteosa

Myrceugenia brevipedicellata

Myrceugenia foveolata

Myrceugenia franciscensis

Myrceugenia gertii

Myrceugenia hatschbachii

Myrceugenia hoehnei

Myrceugenia kleinii

Myrcia diaphana

Myrcia eugenioides

Myrcia fusiformis

Myrcia gilsoniana

Myrcia hexasticha

Myrcia isaiana

Myrcia legrandii

Myrcia magnifolia

Myrcia neocambessedeana

Myrcia pileata

Myrcia plusiantha

Myrcia restingae

Myrcia riodocensis

Myrcia rupicola

Myrcia skortzoviana

Myrcia subacuminata

Myrciaria plinioides

Nectandra barbellata

Nectandra paranaensis

Neomitranthes amblymitra

Neomitranthes cordifolia

Neomitranthes gracilis

Neomitranthes obtusa

Neomitranthes pedicellata

Neomitranthes stictophylla

Ocotea basicordatifolia

Ocotea beulahiae

Ocotea beyrichii

Ocotea bragai

Ocotea catharinensis

Ocotea confertiflora

Ocotea cryptocarpa

Ocotea felix

Ocotea odorifera

Ocotea porosa

Ocotea serrana

Ocotea tabacifolia

Panopsis multiflora

Paratecoma peroba

Parinari brasiliensis

Paubrasilia echinata

Peritassa sadleri

Persea obovata

Pleroma boudetii

Plinia callosa

Plinia edulis

Plinia hatschbachii

Plinia muricata

Plinia rara

Plinia renatiana

Plinia sebastianopolitana

Plinia silvestris

Pouteria bapeba

Pouteria bullata

Pouteria butyrocarpa

Pouteria coelomatica

Pouteria gardneri

Pouteria macahensis

Pouteria oxypetala

Pouteria pachycalyx

Pradosia kuhlmannii

Protium icicariba

Protium occhionii

Psidium amplexicaule

Psidium myrtoides

Qualea magna

Quillaja lancifolia

Recordia reitzii

Rhamnidium glabrum

Rinorea ramiziana

Riodocea pulcherrima

Roupala sculpta

Simira grazielae

Simira hatschbachiorum

Siphoneugena kuhlmannii

Sloanea obtusifolia

Stephanopodium engleri

Stephanopodium magnifolium

Swartzia linharensis

Swietenia macrophylla

Symplocos itatiaiae

Tabebuia cassinoides

Tachigali beaurepairei

Terminalia acuminata

Terminalia hoehneana

Terminalia parvifolia

Trattinnickia ferruginea

Trattinnickia mensalis

Trichilia magnifoliola

Trigoniodendron spiritusanctense

Trigynaea axilliflora

Unonopsis riedeliana

Urbanodendron bahiense

Virola bicuhyba

Vochysia angelica

Vochysia santaluciae

Williamodendron cinnamomeum

Zeyheria tuberculosa

Zollernia magnifica

Appendix 2. Soil and Climate Variables used to perform the PCA

Variable	Description - Source
BIO 1	Annual Mean Temperature - WorldClim 2.1
BIO 2	Mean Diurnal Range (mean of monthly(max temp – min temp)) - WorldClim 2.1
BIO 3	Isothermality (BIO2/BIO7)(x100) - WorldClim 2.1
BIO 4	Temperature Seasonality (standard deviation ×100) - WorldClim 2.1
BIO 5	Max Temperature of Warmest Month - WorldClim 2.1
BIO 6	Min Temperature of Coldest Month - WorldClim 2.1
BIO 7	Temperature Annual Range (BIO5-BIO6) - WorldClim 2.1
BIO 8	Mean Temperature of Wettest Quarter - WorldClim 2.1
BIO 9	Mean Temperature of Driest Quarter - WorldClim 2.1
BIO 10	Mean Temperature of Warmest Quarter - WorldClim 2.1
BIO 11	Mean Temperature of Coldest Quarter - WorldClim 2.1
BIO 12	Annual Precipitation - WorldClim 2.1
BIO 13	Precipitation of Wettest Month - WorldClim 2.1
BIO 14	Precipitation of Driest Month - WorldClim 2.1
BIO 15	Precipitation Seasonality (Coefficient of Variation) - WorldClim 2.1
BIO 16	Precipitation of Wettest Quarter - WorldClim 2.1

BIO 17	Precipitation of Driest Quarter - WorldClim 2.1
BIO 18	Precipitation of Warmest Quarter - WorldClim 2.1
BIO 19	Precipitation of Coldest Quarter - WorldClim 2.1
Clay	Clay content - SoilGrids 2.0
Elevation	The height of a pixel above the sea level - EarthEnv
Nitrogen	Nitrogen content - SoilGrids 2.0
Organic Carbon Stock	Soil organic carbon stock - SoilGrids 2.0
pH	Soil pH in H2O - SoilGrids 2.0
Slope	Terrain steepness - EarthEnv
Terrain Ruggedness	Elevation difference of the adjacent cells - EarthEnv
Topographic Position	Topographic features based on elevation - EarthEnv

Appendix 3. Occurrence points remaining after all data clearing rounds

scientific_Name	decimal_Latitude	decimal_Longitude
Albizia burkartiana	-26.4006	-53.2986
Albizia burkartiana	-26	-52.5
Albizia burkartiana	-27.4246	-51.6363
Albizia burkartiana	-26.3958	-52.4708
Albizia burkartiana	-27.3923	-51.6032
Algernonia kuhlmannii	-19.5394	-40.6306
Andreadoxa flava	-14.7606	-39.5425
Andreadoxa flava	-14.7558	-39.2319
Andreadoxa flava	-14.7567	-39.2394
Andreadoxa flava	-14.7569	-39.2397
Andreadoxa flava	-14.7567	-39.2394
Andreadoxa flava	-14.7555	-39.2313
Andreadoxa flava	-14.7895	-39.2802
Andreadoxa flava	-14.7462	-39.1961
Andreadoxa flava	-14.7833	-39.0333
Andreadoxa flava	-14.7719	-39.2274
Andreadoxa flava	-14.5951	-39.0592
Andreadoxa flava	-14.7889	-39.0494
Annona dolabripetala	-11.7592	-37.8514
Annona dolabripetala	-28.1383	-49.2528
Annona dolabripetala	-26.2776	-48.8594
Annona dolabripetala	-15.4313	-47.8064
Annona dolabripetala	-19.8725	-43.375
Annona dolabripetala	-27.0442	-49.0183
Annona dolabripetala	-18.9036	-43.5253
Annona dolabripetala	-26.2625	-48.8325
Annona dolabripetala	-26.2042	-48.9436
Annona dolabripetala	-19.3927	-41.1316
Annona dolabripetala	-18.9058	-43.4029
Annona dolabripetala	-19.5879	-43.4371

Annona dolabripetala	-18.7842	-40.4422
Annona dolabripetala	-18.7831	-40.4411
Annona dolabripetala	-20.4547	-40.9917
Annona dolabripetala	-23.0844	-44.93
Annona dolabripetala	-24.7594	-52.1269
Annona dolabripetala	-28.2603	-49.4994
Annona dolabripetala	-18.9136	-43.4213
Annona dolabripetala	-18.9097	-43.4236
Annona dolabripetala	-25.2519	-48.7717
Annona dolabripetala	-22.3864	-43.4147
Annona dolabripetala	-22.7782	-47.8239
Annona dolabripetala	-23.0292	-43.5386
Annona dolabripetala	-22.8233	-43.5242
Annona dolabripetala	-22.9222	-43.2706
Annona dolabripetala	-16.8342	-39.6286
Annona dolabripetala	-22.4283	-42.0356
Annona dolabripetala	-22.5003	-43.3803
Annona dolabripetala	-15.4197	-39.5342
Annona dolabripetala	-16.8417	-39.6292
Annona dolabripetala	-19.0772	-43.3919
Annona dolabripetala	-21.2522	-43.7923
Annona dolabripetala	-26.2949	-49.3501
Annona dolabripetala	-22.9686	-43.5194
Annona dolabripetala	-22.8853	-43.4969
Annona dolabripetala	-22.9422	-43.4997
Annona dolabripetala	-19.8589	-43.5356
Annona dolabripetala	-21.5292	-41.8997
Annona dolabripetala	-16.9197	-39.5994
Annona dolabripetala	-17.0997	-39.5994
Annona dolabripetala	-15.4803	-40.6803
Annona dolabripetala	-13.9447	-40.0176
Annona dolabripetala	-13.77	-39.331
Annona dolabripetala	-14.7603	-40.3197

Annona dolabripetala	-15.8403	-39.5997
Annona dolabripetala	-16.0203	-39.6006
Annona dolabripetala	-16.9197	-39.9603
Annona dolabripetala	-16.9203	-39.9597
Annona dolabripetala	-24.0202	-47.3161
Annona dolabripetala	-20.3458	-41.5358
Annona dolabripetala	-26.775	-49.2183
Annona dolabripetala	-22.9881	-43.2364
Annona dolabripetala	-19.0383	-43.3703
Annona dolabripetala	-22.815	-42.435
Annona dolabripetala	-16.8381	-39.6283
Annona dolabripetala	-16.84	-39.6247
Annona dolabripetala	-27.1875	-48.5525
Annona dolabripetala	-25.8108	-48.9106
Annona dolabripetala	-14.7	-39.6
Annona dolabripetala	-22.7631	-53.2956
Annona dolabripetala	-23.8556	-46.4161
Annona dolabripetala	-22.4736	-43.1583
Annona dolabripetala	-12.9667	-38.5
Annona dolabripetala	-13.9535	-39.9686
Annona dolabripetala	-22.8425	-43.3986
Annona dolabripetala	-22.5387	-43.4264
Annona dolabripetala	-19.0025	-43.1942
Annona dolabripetala	-25.5086	-53.6717
Annona dolabripetala	-25.6735	-48.4733
Annona dolabripetala	-19.3911	-40.0722
Annona dolabripetala	-20.6572	-41.0056
Annona dolabripetala	-21.8242	-41.9233
Annona dolabripetala	-23.3303	-45.9453
Annona dolabripetala	-23.8272	-46.4298
Annona dolabripetala	-19.9112	-40.5329
Annona dolabripetala	-18.2556	-39.8203
Annona dolabripetala	-28.17	-49.41

Annona dolabripetala	-28.2625	-48.9594
Annona dolabripetala	-28.0806	-48.9608
Annona dolabripetala	-15.3958	-39.5661
Annona dolabripetala	-19.7522	-43.9425
Annona dolabripetala	-7.68806	-47.9547
Annona dolabripetala	-20.1788	-40.2985
Annona dolabripetala	-19.1193	-40.0452
Annona dolabripetala	-19.1366	-40.0624
Annona dolabripetala	-15.1894	-39.3853
Annona dolabripetala	-23.3372	-44.835
Annona dolabripetala	-20.4737	-41.0589
Annona dolabripetala	-20.5119	-41.0886
Annona dolabripetala	-21.9077	-43.9667
Annona dolabripetala	-24.3367	-48.5011
Annona dolabripetala	-28.62	-49.59
Annona dolabripetala	-27.0006	-49.0508
Annona dolabripetala	-16.2667	-39.0167
Annona dolabripetala	-21.7999	-43.8875
Annona dolabripetala	-26.37	-48.87
Annona dolabripetala	-27.1803	-48.7797
Annona dolabripetala	-24.3986	-48.6031
Annona dolabripetala	-28.6192	-49.2322
Annona dolabripetala	-23.4	-45.1833
Annona dolabripetala	-19.7936	-40.7514
Annona dolabripetala	-26.4672	-49.0208
Annona dolabripetala	-23.9756	-47.0903
Annona dolabripetala	-23.4136	-46.6808
Annona dolabripetala	-26.2506	-49.3786
Annona dolabripetala	-20.5161	-41.0836
Annona dolabripetala	-22.8064	-44.3661
Annona dolabripetala	-20.2789	-40.4783
Annona dolabripetala	-21.9223	-43.7919
Annona dolabripetala	-22.6428	-44.6567

Annona dolabripetala	-19.5885	-42.4789
Annona dolabripetala	-15.2028	-39.4081
Annona dolabripetala	-20.3018	-43.9326
Annona dolabripetala	-22.0413	-43.879
Annona dolabripetala	-19.1523	-39.9298
Annona dolabripetala	-15.3931	-39.5647
Annona dolabripetala	-21.3403	-41.2097
Annona dolabripetala	-23.4531	-46.7728
Annona dolabripetala	-19.8744	-40.8261
Annona dolabripetala	-26.1503	-49.2242
Annona dolabripetala	-23.4542	-46.7603
Annona dolabripetala	-19.3356	-40.5356
Annona dolabripetala	-19.3458	-40.5492
Annona dolabripetala	-26.4481	-48.8211
Annona dolabripetala	-13.7167	-39.1333
Annona dolabripetala	-23.4886	-45.1728
Annona dolabripetala	-20.1506	-40.4486
Annona dolabripetala	-22.5322	-42.3461
Annona dolabripetala	-15.1736	-39.3417
Annona dolabripetala	-23.4094	-45.1222
Annona dolabripetala	-19.7511	-40.9347
Annona dolabripetala	-18.8903	-40.8258
Annona dolabripetala	-17.7667	-39.5
Annona dolabripetala	-22.4847	-42.2043
Annona dolabripetala	-20.1231	-40.5464
Annona dolabripetala	-15.3917	-39.5653
Annona dolabripetala	-19.9714	-40.5303
Annona dolabripetala	-19.9361	-40.5069
Annona dolabripetala	-12.473	-41.7317
Annona dolabripetala	-14.2656	-38.9989
Annona dolabripetala	-19.47	-43.9831
Annona dolabripetala	-21.746	-43.4653
Annona dolabripetala	-23.3735	-45.0802

Annona dolabripetala	-23.4339	-45.0711
Annona dolabripetala	-19.4733	-43.9876
Annona dolabripetala	-18.0694	-40.1833
Annona dolabripetala	-24.5675	-48.3861
Annona dolabripetala	-24.72	-48.4522
Annona dolabripetala	-25.01	-47.92
Annona dolabripetala	-22.455	-42.9978
Annona dolabripetala	-23.4258	-45.2471
Annona dolabripetala	-9.82083	-51.0578
Annona dolabripetala	-11.9667	-51.6778
Annona dolabripetala	-20.8827	-43.8144
Annona dolabripetala	-24.2	-47.8667
Annona dolabripetala	-14.7703	-39.2028
Annona dolabripetala	-21.9764	-43.8955
Annona dolabripetala	-22.5933	-42.4767
Annona dolabripetala	-19.5911	-42.5686
Annona dolabripetala	-23.0389	-43.5036
Annona dolabripetala	-20.5192	-41.1006
Annona dolabripetala	-13.9447	-40.1094
Annona dolabripetala	-13.9447	-41.0583
Annona dolabripetala	-13.9583	-41.0667
Annona dolabripetala	-15.55	-39.4833
Annona dolabripetala	-20.0692	-40.7256
Annona dolabripetala	-15.2333	-39.4833
Annona dolabripetala	-21.54	-43.0106
Annona dolabripetala	-19.9075	-40.5531
Annona dolabripetala	-21.3722	-42.9364
Annona dolabripetala	-24.3	-48.35
Annona dolabripetala	-15.52	-48.1619
Annona dolabripetala	-13.9469	-40.1111
Annona dolabripetala	-21.4769	-43.635
Annona dolabripetala	-19.1223	-43.6
Annona dolabripetala	-19.8926	-43.3653

Annona dolabripetala	-22.6959	-43.4984
Annona dolabripetala	-17.7353	-39.7544
Annona dolabripetala	-19.8778	-43.9722
Annona dolabripetala	-21.8425	-43.7931
Annona dolabripetala	-20.0433	-40.6972
Annona dolabripetala	-23.9517	-46.4117
Annona dolabripetala	-19.9167	-49.5167
Annona dolabripetala	-13.7167	-39.4667
Annona dolabripetala	-21.8425	-43.7931
Annona dolabripetala	-13.85	-39.2167
Annona dolabripetala	-17.1467	-39.3647
Annona dolabripetala	-23.7333	-45.5333
Annona dolabripetala	-23.6833	-45.6167
Annona dolabripetala	-19.8447	-40.5419
Annona dolabripetala	-22.35	-43.7167
Annona dolabripetala	-11.3828	-37.5622
Annona dolabripetala	-22.4275	-42.0347
Annona dolabripetala	-16.3833	-39.1333
Annona dolabripetala	-18.7383	-40.8908
Annona dolabripetala	-24.7833	-47.7
Annona dolabripetala	-19.9311	-40.6833
Annona dolabripetala	-19.15	-40.0167
Annona dolabripetala	-20.45	-40.9
Annona dolabripetala	-19.9333	-40.59
Annona dolabripetala	-19.9731	-40.5939
Annona dolabripetala	-16.4333	-39.05
Annona dolabripetala	-22.55	-43.2667
Annona dolabripetala	-14.735	-39.6961
Annona dolabripetala	-22.3667	-43.2667
Annona dolabripetala	-19.8914	-40.8189
Annona dolabripetala	-24.6466	-48.3921
Annona dolabripetala	-11.3964	-51.6642
Annona dolabripetala	-23.3667	-44.8

Annona dolabripetala	-23.0219	-44.2253
Annona dolabripetala	-24.6083	-47.8825
Annona dolabripetala	-12.9333	-39.35
Annona dolabripetala	-23.35	-44.85
Annona dolabripetala	-24.6	-47.8667
Annona dolabripetala	-22.8164	-45.1925
Annona dolabripetala	-22.81	-45.19
Annona dolabripetala	-28.3933	-49.3969
Annona dolabripetala	-24.6467	-48.3919
Annona dolabripetala	-24.6083	-47.8769
Annona dolabripetala	-22.4556	-44.7817
Annona dolabripetala	-14.8	-39.1667
Annona dolabripetala	-20.7167	-42.3833
Annona dolabripetala	-13.5	-39.7
Annona dolabripetala	-22.5	-42.25
Annona dolabripetala	-23.2781	-44.6767
Annona dolabripetala	-20.7167	-42.4167
Annona dolabripetala	-20.7167	-42.4833
Annona dolabripetala	-24.58	-48.59
Annona dolabripetala	-23.35	-44.8667
Annona dolabripetala	-24.6229	-47.8878
Annona dolabripetala	-24.815	-47.7422
Annona dolabripetala	-25.3067	-48.3289
Annona dolabripetala	-25.2033	-48.3769
Annona dolabripetala	-23.35	-44.9667
Annona dolabripetala	-23.4167	-45.1167
Annona dolabripetala	-15.8667	-47.85
Annona dolabripetala	-22.4333	-42.8333
Annona dolabripetala	-20.4667	-41.8167
Annona dolabripetala	-22.6508	-42.3917
Annona dolabripetala	-22.55	-42.25
Annona dolabripetala	-18.4369	-39.715
Annona dolabripetala	-18.458	-44.6577

Annona dolabripetala	-20.7331	-42.0294
Annona dolabripetala	-20.2881	-43.5083
Annona dolabripetala	-22	-42.05
Annona dolabripetala	-21.7456	-43.3595
Annona dolabripetala	-22.9719	-43.2739
Annona dolabripetala	-25.3333	-48.7333
Annona dolabripetala	-19.1689	-43.7144
Annona dolabripetala	-23.425	-46.4814
Annona dolabripetala	-23.6333	-45.8667
Annona dolabripetala	-22.8872	-43.1038
Annona dolabripetala	-27.8801	-49.1396
Annona dolabripetala	-22.1891	-42.6529
Annona dolabripetala	-13.0544	-41.4806
Annona dolabripetala	-14.25	-39
Annona dolabripetala	-14.9667	-40.4
Annona dolabripetala	-20.7539	-42.8819
Annona dolabripetala	-21.357	-42.4515
Annona dolabripetala	-25.816	-48.7749
Annona dolabripetala	-21.7005	-43.8993
Annona dolabripetala	-18.53	-43.65
Annona dolabripetala	-25.5184	-48.8562
Annona dolabripetala	-25.6744	-49.1811
Annona dolabripetala	-26.0565	-48.8691
Annona dolabripetala	-22.9451	-43.2267
Annona dolabripetala	-26.9692	-48.7538
Annona dolabripetala	-26.9199	-48.6633
Annona dolabripetala	-19.221	-43.4999
Annona dolabripetala	-22.9028	-43.2075
Annona dolabripetala	-25.47	-48.83
Annona dolabripetala	-22.93	-43.24
Annona dolabripetala	-25.43	-48.91
Annona dolabripetala	-25.89	-48.59
Annona dolabripetala	-25.45	-48.89

Annona dolabripetala	-22.28	-42.54
Annona dolabripetala	-22.9517	-43.2122
Annona dolabripetala	-23.2569	-45.4083
Annona dolabripetala	-23.3667	-45.0842
Annona dolabripetala	-24.3878	-47.9256
Annona dolabripetala	-23.2569	-45.0442
Annona dolabripetala	-22.4822	-42.9125
Annona dolabripetala	-10.8339	-52.8731
Annona dolabripetala	-22	-42.5
Annona dolabripetala	-23.3242	-44.6739
Annona dolabripetala	-22.5681	-43.3975
Annona dolabripetala	-24.077	-47.4503
Annona dolabripetala	-24.0304	-47.3488
Annona dolabripetala	-22.4691	-44.2882
Annona dolabripetala	-22.5679	-44.0349
Annona dolabripetala	-22.9492	-43.2167
Annona dolabripetala	-24.0403	-47.5808
Annona dolabripetala	-28.6781	-49.37
Annona dolabripetala	-19.0039	-40.0067
Annona dolabripetala	-18.3858	-39.8461
Annona dolabripetala	-18.3697	-40.1442
Annona dolabripetala	-23.4167	-46.1667
Annona dolabripetala	-24.6228	-47.8878
Annona dolabripetala	-18.2494	-43.6003
Annona dolabripetala	-21.2453	-44.9997
Annona dolabripetala	-25.4286	-48.7119
Annona dolabripetala	-25.52	-48.5092
Annona dolabripetala	-23.8544	-46.1386
Annona dolabripetala	-22.9	-47.06
Annona dolabripetala	-23.89	-46.42
Annona dolabripetala	-24.7	-47.55
Annona dolabripetala	-22.25	-47.82
Annona dolabripetala	-23.38	-45.66

Annona dolabripetala	-24.71	-47.88
Annona dolabripetala	-24.38	-47.92
Annona dolabripetala	-23.43	-45.07
Annona dolabripetala	-22.7678	-43.6933
Annona dolabripetala	-21.8878	-42.7044
Annona dolabripetala	-23.0067	-44.3181
Annona dolabripetala	-21.9811	-42.3681
Annona dolabripetala	-22.2819	-42.5311
Annona dolabripetala	-22.7592	-43.4511
Annona dolabripetala	-22.6292	-43.8981
Annona dolabripetala	-21.995	-42.9144
Annona dolabripetala	-22.4122	-42.9656
Annona dolabripetala	-22.2456	-43.7003
Annona dolabripetala	-25.4344	-48.8847
Annona dolabripetala	-26.6561	-49.0242
Annona dolabripetala	-21.22	-50.86
Annona dolabripetala	-19.1893	-43.6456
Annona dolabripetala	-22.2585	-48.742
Annona dolabripetala	-20.5414	-44.635
Annona dolabripetala	-22.4961	-44.5633
Annona dolabripetala	-19.1113	-43.3561
Annona dolabripetala	-16.4497	-39.0647
Annona dolabripetala	-26.37	-48.7222
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Annona dolabripetala	-23.52	-47.13
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Annona pickelii	-11.3761	-37.4289
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Beilschmiedia rigida	-22.9597	-44.0406
Beilschmiedia rigida	-22.2819	-42.5311
Beilschmiedia rigida	-22.1891	-42.6529
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Bunchosia macilenta	-18.9544	-40.8019
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Byrsonima alvimii	-15.1553	-39.1219
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Byrsonima alvimii	-15.173	-39.1326
Byrsonima alvimii	-19.9222	-40.5892
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Byrsonima alvimii	-19.9714	-40.5303
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Byrsonima alvimii	-20.658	-40.511
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Byrsonima alvimii	-19.3911	-40.0722
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macrobracteolata		
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Cariniana legalis	-20.8	-42.85
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Cariniana legalis	-15.1603	-39.5361
Cariniana legalis	-22.8	-46.8833
Cariniana legalis	-22.8667	-46.9
Cariniana legalis	-22.9	-46.85
Cariniana legalis	-22.877	-42.3432
Cariniana legalis	-22.35	-43.7167
Cariniana legalis	-22.8167	-46.9167
Cariniana legalis	-14.735	-39.6961
Cariniana legalis	-15.1581	-39.5286
Cariniana legalis	-15.1322	-39.4977
Cariniana legalis	-15.1667	-39.5833
Cariniana legalis	-12.0456	-37.7092

Cariniana legalis	-20.6333	-42.0167
Cariniana legalis	-20.7667	-42.0333
Cariniana legalis	-14.8513	-39.5685
Cariniana legalis	-14.8	-39.27
Cariniana legalis	-22.4333	-42.8333
Cariniana legalis	-19.42	-40.68
Cariniana legalis	-22.5333	-42.9333
Cariniana legalis	-22.483	-42.883
Cariniana legalis	-21.4167	-46.25
Cariniana legalis	-14.4167	-39.0167
Cariniana legalis	-22.9	-41.9833
Cariniana legalis	-21.9	-41.9833
Cariniana legalis	-15.2	-39.53
Cariniana legalis	-22.88	-47.07
Cariniana legalis	-23.2642	-47.2905
Cariniana legalis	-14.82	-39.03
Cariniana legalis	-14.31	-39.32
Cariniana legalis	-14.8	-39.3
Cariniana legalis	-14.7889	-39.0494
Cariniana legalis	-14.1372	-39.7339
Cariniana legalis	-14.12	-39.72
Cariniana legalis	-14.7053	-39.6372
Cariniana legalis	-14.242	-39.417
Cariniana legalis	-19.63	-43.88
Cariniana legalis	-22.97	-43.73
Cariniana legalis	-22.1891	-42.6529
Cariniana legalis	-22.9056	-47.0608
Cariniana legalis	-19.8142	-40.6781
Cariniana legalis	-22.6949	-46.6685
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Cariniana legalis	-22.4822	-42.9125
Cariniana legalis	-19.8667	-40.5333

Cariniana legalis	-21.8167	-47.4167
Cariniana legalis	-21	-45
Cariniana legalis	-22.7252	-51.8086
Cariniana legalis	-22.9084	-47.0492
Cariniana legalis	-22.2537	-49.1265
Cariniana legalis	-22.9704	-43.2577
Cariniana legalis	-24.1914	-54.2276
Cariniana legalis	-19.2744	-44.4042
Cariniana legalis	-22.9269	-43.4558
Cariniana legalis	-25.8828	-48.5747
Cariniana legalis	-18.7875	-39.8622
Cariniana legalis	-18.3697	-40.1442
Cariniana legalis	-18.9056	-40.0761
Cariniana legalis	-19.3911	-40.0722
Cariniana legalis	-22.9028	-43.2075
Cariniana legalis	-21.93	-46.71
Cariniana legalis	-22.9	-47.06
Cariniana legalis	-17.3411	-39.2208
Cariniana legalis	-20.9047	-42.0228
Cariniana legalis	-22.5269	-41.945
Cariniana legalis	-22.68	-46.68
Cariniana legalis	-23.54	-46.63
Cariniana legalis	-22.9011	-43.4503
Cariniana legalis	-22.8289	-43.5111
Cariniana legalis	-22.9383	-43.4558
Cariniana legalis	-22.9597	-44.0406
Cariniana legalis	-22.7592	-43.4511
Cariniana legalis	-14.5931	-39.2844
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Cariniana legalis	-25.3067	-48.3289
Cariniana legalis	-14.0604	-39.7235
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Cariniana legalis	-24.636	-51.6269

Cariniana legalis	-22.53	-52.16
Cariniana legalis	-20.7511	-51.6783
Cariniana legalis	-22.72	-47.64
Cariniana legalis	-22.2585	-48.742
Cariniana legalis	-22.31	-49.06
Cariniana legalis	-23.09	-47.21
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Cariniana legalis	-21.7542	-41.3244
Cariniana legalis	-19.5186	-42.6289
Cariniana legalis	-12.473	-41.7317
Cariniana legalis	-20.8567	-42.8028
Cariniana legalis	-20.7539	-42.8819
Cariniana legalis	-17.3803	-39.3381
Cariniana legalis	-19.8203	-40.2733
Cariniana legalis	-20.8489	-41.1128
Cariniana legalis	-18.5933	-39.7322
Cariniana legalis	-19.225	-40.8514
Cariniana legalis	-21.7473	-41.4039
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Cariniana legalis	-21.4094	-46.3028
Cariniana legalis	-21.1525	-44.7478
Cariniana legalis	-17.0772	-40.7164
Cariniana legalis	-19.3317	-45.2369
Cariniana legalis	-21.4686	-44.1961
Cariniana legalis	-22.43	-46.82
Cariniana legalis	-22.59	-46.52
Cariniana legalis	-20.3683	-41.2439
Cariniana legalis	-19.9325	-40.4067
Cariniana legalis	-19.3597	-41.38
Cariniana legalis	-14.2836	-39.8428
Cariniana legalis	-22.56	-47.4
Cariniana legalis	-23	-46.83
Cariniana legalis	-15.4642	-39.6511

Cariniana legalis	-10.1256	-36.1756
Cariniana legalis	-14.7889	-39.0494
Cariniana legalis	-19.7897	-42.1392
Cariniana legalis	-21.3914	-41.0944
Cariniana legalis	-21.7783	-41.2575
Cariniana legalis	-21.3756	-41.9181
Cariniana legalis	-21.3575	-41.9425
Cariniana legalis	-14.9594	-39.2997
Cariniana legalis	-14.865	-39.5875
Cariniana legalis	-14.7856	-39.2803
Cariniana legalis	-22.375	-47.1247
Cariniana legalis	-21.8064	-47.2056
Cariniana legalis	-20.3344	-49.5458
Cariniana legalis	-21.6253	-47.2125
Cariniana legalis	-22.8567	-47.6269
Cariniana legalis	-21.3114	-48.1639
Cariniana legalis	-21.5633	-46.875
Cariniana legalis	-21.5664	-46.8769
Cariniana legalis	-21.9803	-46.7453
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Cariniana legalis	-22.5233	-46.7239
Cariniana legalis	-22.8123	-46.9639
Cariniana legalis	-22.3	-47.2167
Cariniana legalis	-21.5878	-43.2656
Cariniana legalis	-25.01	-47.92
Cariniana legalis	-23.26	-47.29
Cariniana legalis	-21.25	-48.32
Cariniana legalis	-22.53	-44.77
Cariniana legalis	-22.41	-47.56
Cariniana legalis	-23.35	-47.85
Cariniana legalis	-19.6424	-40.6642
Cariniana legalis	-21.2489	-43.1724
Cariniana legalis	-19.1436	-40.6236

Cariniana legalis	-22.2211	-54.8056
Cariniana legalis	-19.7122	-42.7322
Cariniana legalis	-23.5	-47.45
Cariniana parvifolia	-19.4731	-40.1912
Cariniana parvifolia	-18.2564	-39.8203
Cariniana parvifolia	-18.2664	-39.8175
Cariniana parvifolia	-19.38	-40.07
Cariniana parvifolia	-18.2625	-39.805
Cariniana parvifolia	-18.3697	-40.1442
Cariniana parvifolia	-18.5933	-39.7322
Cariniana parvifolia	-19.3911	-40.0722
Casearia paranaensis	-26.0956	-49.1042
Casearia paranaensis	-25.4475	-48.9144
Casearia paranaensis	-24.17	-53.0192
Casearia paranaensis	-24.7778	-51.7469
Casearia paranaensis	-25.4488	-48.9142
Casearia paranaensis	-23.2217	-45.31
Casearia paranaensis	-23.3303	-45.9453
Casearia paranaensis	-23.4	-45.1833
Casearia paranaensis	-23.8544	-46.1386
Casearia paranaensis	-25.9203	-48.9947
Casearia paranaensis	-23.4339	-45.0711
Casearia paranaensis	-24.55	-47.25
Casearia paranaensis	-24.7081	-47.5553
Casearia paranaensis	-23.9608	-46.3336
Casearia paranaensis	-25.6644	-49.0948
Casearia paranaensis	-25.5386	-49.207
Casearia paranaensis	-25.3056	-49.0553
Casearia paranaensis	-25.5347	-49.2064
Casearia paranaensis	-24.636	-51.6269
Casearia paranaensis	-24.7	-47.55
Casearia paranaensis	-23.77	-45.35
Casearia paranaensis	-23.96	-46.33

Casearia paranaensis	-25.7129	-48.9762
Casearia paranaensis	-23.22	-45.31
Casearia paranaensis	-25.5347	-49.2064
Chionanthus fluminensis	-22.9636	-43.1611
Chionanthus fluminensis	-22.9756	-43.0136
Chionanthus fluminensis	-22.9633	-43.1631
Chionanthus fluminensis	-23.62	-45.41
Chionanthus fluminensis	-23.6242	-45.41
Chionanthus fluminensis	-22.1891	-42.6529
Chionanthus fluminensis	-22.9028	-43.2075
Chionanthus fluminensis	-22.8833	-43.1036
Chionanthus fluminensis	-22.9533	-43.0217
Chionanthus subsessilis	-19.5594	-43.9583
Chionanthus subsessilis	-23.4339	-45.0711
Chionanthus subsessilis	-23.6242	-45.41
Chionanthus subsessilis	-19.7311	-41.817
Chionanthus subsessilis	-19.7897	-42.1392
Chionanthus subsessilis	-23.96	-46.39
Chionanthus subsessilis	-18.8511	-41.9494
Chionanthus subsessilis	-23.62	-45.41
Chrysophyllum imperiale	-19.1102	-40.1684
Chrysophyllum imperiale	-22.395	-42.735
Chrysophyllum imperiale	-22.4333	-42.8333
Chrysophyllum imperiale	-23.5302	-46.6704
Chrysophyllum imperiale	-23.5442	-46.6304
Chrysophyllum imperiale	-22.907	-43.2077
Chrysophyllum imperiale	-22.6528	-43.0406
Chrysophyllum imperiale	-23.54	-46.63
Chrysophyllum imperiale	-22.77	-47.29
Chrysophyllum imperiale	-22.1891	-42.6529
Chrysophyllum imperiale	-19.7122	-42.7322
Chrysophyllum imperiale	-21.4575	-43.1253
Chrysophyllum imperiale	-21.4117	-42.0331

Chrysophyllum januariense	-22.7217	-42.1228
Chrysophyllum januariense	-19.2828	-40.4633
Chrysophyllum januariense	-22.9256	-42.4503
Chrysophyllum januariense	-22.9258	-42.4514
Chrysophyllum januariense	-20.3986	-40.3181
Chrysophyllum januariense	-12.1667	-37.9667
Chrysophyllum januariense	-19	-40
Chrysophyllum januariense	-14.5753	-42.5697
Chrysophyllum januariense	-17.7164	-39.1983
Chrysophyllum januariense	-19.9714	-40.5303
Chrysophyllum januariense	-12.9153	-40.2156
Chrysophyllum januariense	-21.7161	-41.2631
Chrysophyllum januariense	-14.735	-39.6961
Chrysophyllum januariense	-11.9333	-38.0833
Chrysophyllum januariense	-14.774	-39.221
Chrysophyllum januariense	-22.1167	-42.05
Chrysophyllum januariense	-19.1382	-39.9612
Chrysophyllum januariense	-19.8667	-40.5333
Chrysophyllum januariense	-19.3821	-40.0289
Chrysophyllum januariense	-18.2625	-39.805
Chrysophyllum januariense	-22.9028	-43.2075
Chrysophyllum januariense	-12.473	-41.7317
Chrysophyllum januariense	-19.3911	-40.0722
Chrysophyllum januariense	-20.658	-40.511
Chrysophyllum januariense	-21.0989	-41.0467
Chrysophyllum januariense	-20.0433	-40.6972
Chrysophyllum januariense	-20.3297	-40.2925
Chrysophyllum januariense	-20.3194	-40.3378
Chrysophyllum januariense	-22.92	-42.5103
Chrysophyllum januariense	-22.1891	-42.6529
Conchocarpus coeruleus	-14.4242	-39.0606
Conchocarpus coeruleus	-14.3331	-39.0303
Conchocarpus coeruleus	-14.4306	-39.0536

Conchocarpus coeruleus	-14.4962	-39.1388
Conchocarpus coeruleus	-14.2778	-38.9967
Conchocarpus coeruleus	-14.3632	-39.1596
Conchocarpus coeruleus	-14.4167	-39.0167
Conchocarpus coeruleus	-14.5933	-39.2842
Conchocarpus coeruleus	-14.4231	-39.0617
Conchocarpus coeruleus	-14.4231	-39.0617
Conchocarpus coeruleus	-14.25	-39.27
Conchocarpus coeruleus	-14.3108	-39.0264
Conchocarpus coeruleus	-14.25	-39.2667
Conchocarpus coeruleus	-14.4796	-39.1029
Conchocarpus coeruleus	-14.33	-39.05
Conchocarpus coeruleus	-14.3331	-39.0303
Conchocarpus coeruleus	-14.2775	-38.9967
Conchocarpus coeruleus	-14.5931	-39.2844
Couepia belemii	-15.2972	-39.1953
Couepia belemii	-15.715	-39.3647
Couepia belemii	-18.6522	-39.7808
Couepia belemii	-17.7156	-39.1986
Couepia belemii	-15.3958	-39.5661
Couepia belemii	-14.42	-39.08
Couepia belemii	-19.1605	-40.0191
Couepia belemii	-19.1551	-40.0199
Couepia belemii	-14.2281	-39.0156
Couepia belemii	-14.2653	-39.0992
Couepia belemii	-14.2667	-38.9833
Couepia belemii	-15.1669	-39.0539
Couepia belemii	-15.2833	-39.0667
Couepia belemii	-15.1678	-39.0675
Couepia belemii	-15.15	-39.0833
Couepia belemii	-15.1667	-39.1333
Couepia belemii	-14.7772	-39.0911
Couepia belemii	-18.5933	-39.7322

Couepia belemii	-15.15	-39.0833
Couepia belemii	-19.3949	-40.0719
Couepia belemii	-15.1903	-39.2698
Couepia belemii	-14.1031	-39.0147
Couepia belemii	-14.1031	-39.0147
Couepia belemii	-16.3333	-39.1333
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Couepia belemii	-18.5933	-39.7322
Couepia belemii	-19.3911	-40.0722
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Couepia belemii	-14.1642	-39.3736
Couepia carautae	-21.88	-41.83
Couepia carautae	-19.3949	-40.0719
Couepia carautae	-19.8667	-40.5333
Couepia carautae	-19.3911	-40.0722
Couepia leitaofilhoi	-23.4342	-45.07
Couepia leitaofilhoi	-23.43	-45.07
Couepia meridionalis	-23.9619	-46.3322
Couepia schottii	-19.6969	-39.9319
Couepia schottii	-19.6944	-39.9364
Couepia schottii	-19.6356	-39.8708
Couepia schottii	-23.0483	-43.5297
Couepia schottii	-23.0444	-43.5936
Couepia schottii	-22.9244	-42.4367
Couepia schottii	-23.0486	-43.6069
Couepia schottii	-14.42	-39.08
Couepia schottii	-19.1445	-40.0878
Couepia schottii	-17.1833	-39.3333
Couepia schottii	-19.3725	-39.7256
Couepia schottii	-14.4167	-39.0833
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Couepia schottii	-22.9211	-42.1694
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Couepia schottii	-22.9242	-42.5104
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Couepia schottii	-22.7585	-43.109
Couepia schottii	-22.907	-43.2077
Couepia schottii	-22	-42.5
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Couepia schottii	-18.3697	-40.1442
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Couepia schottii	-18.7161	-39.8589
Couepia schottii	-19.6424	-40.6642
Couepia schottii	-22.9597	-44.0406
Couepia schottii	-14.5162	-39.2266
Couepia schottii	-22.5269	-41.945
Couepia schottii	-19.8203	-40.2733
Couepia schottii	-19.3911	-40.0722
Couepia schottii	-18.0303	-40.1506
Couepia schottii	-22.1891	-42.6529
Couratari asterotricha	-22.8417	-47.0751
Couratari asterotricha	-20.1467	-40.5186
Couratari asterotricha	-22.8637	-47.0868
Couratari asterotricha	-19.0269	-40.2286
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Couratari asterotricha	-22.9056	-47.0658
Couratari asterotricha	-19.2817	-40.4619
Couratari asterotricha	-15.9059	-39.6673

Couratari asterotricha	-19.42	-40.07
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Couratari asterotricha	-18.3722	-40.1414
Couratari asterotricha	-19.3911	-40.0722
Couratari asterotricha	-20.8489	-41.1128
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Couratari asterotricha	-19.6424	-40.6642
Couratari asterotricha	-19.5394	-40.6306
Couratari asterotricha	-21.0422	-41.9733
Couratari asterotricha	-17.7353	-39.7544
Couratari asterotricha	-19.8739	-40.8753
Couratari pyramidata	-22.4022	-42.7361
Couratari pyramidata	-22.4064	-42.7433
Couratari pyramidata	-22.9222	-43.085
Couratari pyramidata	-22.8697	-42.8878
Couratari pyramidata	-22.9992	-43.2831
Couratari pyramidata	-22.59	-42.21
Couratari pyramidata	-22.9586	-43.1808
Couratari pyramidata	-22.9397	-43.2033
Couratari pyramidata	-22.9708	-43.4403
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Couratari pyramidata	-22.9461	-43.005
Couratari pyramidata	-22.4333	-42.8333
Couratari pyramidata	-22.9028	-43.2075
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Couratari pyramidata	-23.1482	-44.7069

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Couratari pyramidata	-22.9519	-43.1586
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Couratari pyramidata	-22.9611	-43.1803
Couratari pyramidata	-22.9889	-43.2353
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Couratari pyramidata	-22.7592	-43.4511
Couratari pyramidata	-22.9269	-43.4558
Couratari pyramidata	-22.1675	-44.3947
Couratari pyramidata	-22.1891	-42.6529
Cupania concolor	-22.3861	-43.4147
Cupania concolor	-23.6208	-45.5275
Cupania concolor	-22.6408	-44.7269
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Cupania concolor	-22.8067	-44.3667
Cupania concolor	-22.5558	-43.4711
Cupania concolor	-22.4333	-42.8333
Cupania concolor	-22.5959	-44.1389
Cupania concolor	-22.606	-43.9423
Cupania concolor	-23.0795	-43.9636
Cupania concolor	-22.68	-44.32
Cupania concolor	-22.1891	-42.6529
Cupania concolor	-22.9753	-43.5164
Cupania concolor	-22.5372	-42.9819
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Cupania concolor	-23.1482	-44.7069
Cupania concolor	-22.4286	-43.4186
Cupania concolor	-22.9028	-43.2075
Cupania concolor	-22.4122	-42.9656
Cupania concolor	-23.0067	-44.3181

Cupania concolor	-23.2178	-44.7131
Cupania furfuracea	-23.2217	-45.31
Cupania furfuracea	-23.3714	-45.5167
Cupania furfuracea	-23.3604	-45.1099
Cupania furfuracea	-17.775	-39.3614
Cupania furfuracea	-15.3961	-39.5683
Cupania furfuracea	-22.9056	-47.0658
Cupania furfuracea	-23.3731	-45.0821
Cupania furfuracea	-20.0828	-40.5747
Cupania furfuracea	-23.3253	-45.0683
Cupania furfuracea	-23.3256	-45.0678
Cupania furfuracea	-23.3735	-45.0802
Cupania furfuracea	-23.373	-45.0821
Cupania furfuracea	-23.367	-45.0835
Cupania furfuracea	-23.4	-45.1833
Cupania furfuracea	-19.3536	-40.5169
Cupania furfuracea	-20.1342	-40.5508
Cupania furfuracea	-23.3739	-45.0808
Cupania furfuracea	-22.935	-44.3467
Cupania furfuracea	-15.3917	-39.5653
Cupania furfuracea	-22.4517	-42.9969
Cupania furfuracea	-22.5322	-42.3461
Cupania furfuracea	-20.0692	-40.7256
Cupania furfuracea	-19.9075	-40.5531
Cupania furfuracea	-19.9842	-40.5833
Cupania furfuracea	-23.65	-45.95
Cupania furfuracea	-19.7844	-40.5653
Cupania furfuracea	-22.5489	-42.282
Cupania furfuracea	-19.9714	-40.5303
Cupania furfuracea	-19.9311	-40.6836
Cupania furfuracea	-22.5	-42.25
Cupania furfuracea	-19.9142	-40.4722
Cupania furfuracea	-23.3025	-44.8169

Cupania furfuracea	-22.6547	-42.3918
Cupania furfuracea	-22.5439	-42.2781
Cupania furfuracea	-22.6508	-42.3917
Cupania furfuracea	-18.4369	-39.715
Cupania furfuracea	-19.3949	-40.0719
Cupania furfuracea	-23.99	-46.25
Cupania furfuracea	-22.1891	-42.6529
Cupania furfuracea	-19.3911	-40.0722
Cupania furfuracea	-22.5497	-43.6783
Cupania furfuracea	-22.5461	-42.2821
Cupania furfuracea	-23.53	-45.84
Cupania furfuracea	-22.5772	-42.8458
Cupania furfuracea	-22.3553	-42.4056
Cupania furfuracea	-22.3367	-42.3733
Cupania furfuracea	-22.3453	-42.0269
Cupania furfuracea	-22.6086	-42.9586
Cupania furfuracea	-22.5817	-42.91
Cupania furfuracea	-22.2575	-42.1681
Cupania furfuracea	-22.4625	-42.6531
Cupania furfuracea	-22.4122	-42.9656
Cupania furfuracea	-22.9028	-43.2075
Cupania furfuracea	-21.4875	-44.6425
Cupania furfuracea	-21.8425	-43.7931
Cupania furfuracea	-19.9699	-40.5316
Cupania furfuracea	-22.9	-47.06
Cupania furfuracea	-19.2758	-40.4633
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Cupania furfuracea	-22.2585	-48.742
Cupania furfuracea	-23.69	-46.56
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Cupania furfuracea	-23.0067	-44.3181
Cupania furfuracea	-23.2178	-44.7131
Dalbergia elegans	-20.53	-40.3967

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Dalbergia elegans	-19.2461	-41.3839
Dalbergia elegans	-20.1122	-40.5553
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Dalbergia elegans	-18.2986	-39.9906
Dalbergia elegans	-19.9747	-40.1575
Dalbergia elegans	-20.5414	-40.3969
Dalbergia elegans	-19.3544	-40.5161
Dalbergia elegans	-19.0058	-40.0089
Dalbergia elegans	-19.9819	-40.6458
Dalbergia elegans	-19.8611	-40.615
Dalbergia elegans	-19.8889	-40.8247
Dalbergia elegans	-19.8744	-40.8261
Dalbergia elegans	-19.5	-40
Dalbergia elegans	-19.1178	-40.0166
Dalbergia elegans	-16.9017	-41.8353
Dalbergia elegans	-19.3949	-40.0722
Dalbergia elegans	-16.7531	-41.5042
Dalbergia elegans	-18.3697	-40.1442
Dalbergia elegans	-20.3633	-40.6592
Dalbergia elegans	-18.1269	-40.3633
Dalbergia elegans	-19.3911	-40.0722
Dalbergia elegans	-19.4958	-41.0639
Dalbergia elegans	-18.0303	-40.1506
Dalbergia nigra	-22.9664	-43.2239
Dalbergia nigra	-20.1439	-44.2968
Dalbergia nigra	-19.6156	-40.8331
Dalbergia nigra	-22.3683	-41.8794
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Dalbergia nigra	-15.0868	-44.2722
Dalbergia nigra	-15.0876	-44.2718
Dalbergia nigra	-15.0869	-44.2718
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Dalbergia nigra	-14.425	-44.1572
Dalbergia nigra	-19.3526	-43.6175
Dalbergia nigra	-19.0341	-43.7736
Dalbergia nigra	-18.785	-40.4431
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Dalbergia nigra	-19	-43
Dalbergia nigra	-18.7822	-40.4394
Dalbergia nigra	-22.8643	-48.4346
Dalbergia nigra	-20.2511	-43.3768
Dalbergia nigra	-20.2335	-43.4151
Dalbergia nigra	-19.9733	-43.4744
Dalbergia nigra	-19.5521	-42.5228
Dalbergia nigra	-19.6378	-43.94
Dalbergia nigra	-15.1213	-44.2423
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Dalbergia nigra	-19.0092	-43.3964
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Dalbergia nigra	-17.2558	-39.6882
Dalbergia nigra	-22.5836	-43.4239
Dalbergia nigra	-18.9123	-43.4207
Dalbergia nigra	-13.0303	-39.6047
Dalbergia nigra	-19.0231	-43.4153
Dalbergia nigra	-18.3651	-42.6858
Dalbergia nigra	-21.7531	-41.6489
Dalbergia nigra	-18.9097	-43.4236
Dalbergia nigra	-19.8694	-43.965
Dalbergia nigra	-19.3725	-39.9161
Dalbergia nigra	-22.3667	-44.8
Dalbergia nigra	-12.6183	-38.9558
Dalbergia nigra	-20.175	-43.8242
Dalbergia nigra	-20.2286	-43.8486
Dalbergia nigra	-22.095	-42.975
Dalbergia nigra	-19.0394	-43.375

Dalbergia nigra	-22.2489	-47.8239
Dalbergia nigra	-22.235	-47.8858
Dalbergia nigra	-18.7347	-41.0386
Dalbergia nigra	-21.2731	-43.1053
Dalbergia nigra	-18.7081	-40.5781
Dalbergia nigra	-19.1633	-39.9825
Dalbergia nigra	-19.1631	-39.9875
Dalbergia nigra	-16.3825	-39.1742
Dalbergia nigra	-12.6333	-41.4833
Dalbergia nigra	-17.2803	-39.7806
Dalbergia nigra	-19.0922	-40.2828
Dalbergia nigra	-13.6803	-39.6003
Dalbergia nigra	-11.5525	-41.1619
Dalbergia nigra	-14.58	-40.14
Dalbergia nigra	-12.905	-39.1925
Dalbergia nigra	-12.6183	-38.9558
Dalbergia nigra	-19.2167	-40.8647
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Dalbergia nigra	-15.9086	-39.8772
Dalbergia nigra	-16.8417	-39.3464
Dalbergia nigra	-14.7017	-39.6033
Dalbergia nigra	-13.7725	-39.1544
Dalbergia nigra	-22.8439	-43.3731
Dalbergia nigra	-22.8147	-47.0672
Dalbergia nigra	-19.0025	-43.1942
Dalbergia nigra	-12.9667	-38.5
Dalbergia nigra	-20.4108	-41.7811
Dalbergia nigra	-20.4847	-48.8225
Dalbergia nigra	-14.9317	-39.7111
Dalbergia nigra	-22.6833	-42.6833

Dalbergia nigra	-14.2111	-39.0689
Dalbergia nigra	-21.6928	-42.1844
Dalbergia nigra	-13.8875	-40.7516
Dalbergia nigra	-20.7956	-42.8472
Dalbergia nigra	-19.0039	-40.0067
Dalbergia nigra	-16.4192	-39.2022
Dalbergia nigra	-21.9672	-42.6067
Dalbergia nigra	-19.3821	-40.0289
Dalbergia nigra	-23.1216	-47.3489
Dalbergia nigra	-20.1239	-44.2189
Dalbergia nigra	-18.9757	-40.7102
Dalbergia nigra	-18.9219	-40.5475
Dalbergia nigra	-18.9481	-40.5156
Dalbergia nigra	-20.0872	-43.4278
Dalbergia nigra	-18.9036	-40.1442
Dalbergia nigra	-20.9761	-41.3286
Dalbergia nigra	-19.2394	-40.805
Dalbergia nigra	-21.2653	-43.4503
Dalbergia nigra	-20.3025	-40.4819
Dalbergia nigra	-18.7769	-40.4439
Dalbergia nigra	-20.7672	-41.5503
Dalbergia nigra	-22.4608	-44.6019
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Dalbergia nigra	-20.1269	-44.2253
Dalbergia nigra	-24.9372	-53.4206
Dalbergia nigra	-18.7963	-40.4822
Dalbergia nigra	-19.0244	-40.5556
Dalbergia nigra	-19.205	-40.6367
Dalbergia nigra	-14.1672	-39.7222
Dalbergia nigra	-18.9164	-43.5972
Dalbergia nigra	-19.2878	-40.6564
Dalbergia nigra	-21.1833	-41.4833
Dalbergia nigra	-19.1239	-43.7253

Dalbergia nigra	-19.3303	-43.9511
Dalbergia nigra	-20.7012	-41.5053
Dalbergia nigra	-14.1672	-39.7111
Dalbergia nigra	-13.8022	-39.1675
Dalbergia nigra	-17.4514	-39.9447
Dalbergia nigra	-22.0539	-41.9594
Dalbergia nigra	-19.8916	-43.916
Dalbergia nigra	-12.9269	-38.4269
Dalbergia nigra	-18.9786	-40.7469
Dalbergia nigra	-20.7093	-41.2949
Dalbergia nigra	-19.2881	-40.4656
Dalbergia nigra	-18.985	-40.6625
Dalbergia nigra	-20.9322	-41.055
Dalbergia nigra	-22.6428	-44.6567
Dalbergia nigra	-19.3967	-43.352
Dalbergia nigra	-18.9028	-40.6669
Dalbergia nigra	-18.907	-40.7347
Dalbergia nigra	-22.78	-44.0811
Dalbergia nigra	-21.7167	-43.8833
Dalbergia nigra	-11.1869	-40.5333
Dalbergia nigra	-16	-39.5861
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Dalbergia nigra	-16.8969	-39.4544
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Dalbergia nigra	-22.8139	-48.7433
Dalbergia nigra	-15.15	-39.0833
Dalbergia nigra	-22.5006	-42.2692
Dalbergia nigra	-20.3158	-40.4628
Dalbergia nigra	-14.7269	-39.1642
Dalbergia nigra	-16.3833	-39.1333
Dalbergia nigra	-20.8	-42.85
Dalbergia nigra	-13.9925	-39.2864

Dalbergia nigra	-22.35	-43.7167
Dalbergia nigra	-22.0772	-42.8447
Dalbergia nigra	-20.5512	-41.204
Dalbergia nigra	-19.8039	-42.7094
Dalbergia nigra	-19.8667	-43.9667
Dalbergia nigra	-20.2111	-43.5053
Dalbergia nigra	-22.25	-44.5667
Dalbergia nigra	-14.735	-39.6956
Dalbergia nigra	-20.1413	-42.661
Dalbergia nigra	-22.5	-42.25
Dalbergia nigra	-19.8914	-40.8189
Dalbergia nigra	-19.4667	-40.65
Dalbergia nigra	-12.2037	-38.9742
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Dalbergia nigra	-22.7	-47.6333
Dalbergia nigra	-19.1533	-40.0015
Dalbergia nigra	-12.5333	-39
Dalbergia nigra	-14.7833	-39.0333
Dalbergia nigra	-15.1333	-39.5167
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Dalbergia nigra	-22.9056	-47.0608
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Dalbergia nigra	-23.05	-44.6833
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Dalbergia nigra	-19.9358	-40.6167
Dalbergia nigra	-21.9	-41.9833
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Dalbergia nigra	-19.5189	-41.0158
Dalbergia nigra	-12.6667	-39.1
Dalbergia nigra	-21.3744	-42.4769
Dalbergia nigra	-12.686	-39.1198
Dalbergia nigra	-22.6949	-46.6685
Dalbergia nigra	-22.4319	-46.9578

Dalbergia nigra	-22.9028	-43.2075
Dalbergia nigra	-22.3732	-47.5796
Dalbergia nigra	-22.9733	-43.2498
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Dalbergia nigra	-20.7539	-42.8819
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Dalbergia nigra	-20.7542	-42.8817
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Dalbergia nigra	-19.8667	-40.5333
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Dalbergia nigra	-19.797	-42.1347
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Dalbergia nigra	-22.1891	-42.6529
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Dalbergia nigra	-14.7714	-39.2277
Dalbergia nigra	-18.785	-43.4311
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Dalbergia nigra	-18.615	-40.6114
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Dalbergia nigra	-13.7439	-39.4867
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Dalbergia nigra	-21.4597	-42.9675
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Dalbergia nigra	-20.3778	-43.4161
Dalbergia nigra	-23.3103	-51.1628
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Dalbergia nigra	-12.67	-39.1019
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Dalbergia nigra	-22.7661	-43.6933
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Dalbergia nigra	-22.73	-45.59
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Dalbergia nigra	-22.66	-50.41
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Dalbergia nigra	-23.54	-46.63
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Dalbergia nigra	-22.3364	-42.0297
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Dalbergia nigra	-14.7053	-39.6372
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Dalbergia nigra	-22.3903	-44.9667
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Dalbergia nigra	-22.2585	-48.742
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Dalbergia nigra	-22.72	-47.64
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Dalbergia nigra	-18.0864	-39.5508
Dalbergia nigra	-21.95	-43.1664
Dalbergia nigra	-22.1619	-43.2928
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Dalbergia nigra	-20.1433	-44.1997
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Dalbergia nigra	-21.7542	-41.3244
Dalbergia nigra	-21.0422	-41.9733
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Dalbergia nigra	-13.0028	-39.11
Dalbergia nigra	-20.2639	-40.42
Dalbergia nigra	-20.3011	-42.4775
Dalbergia nigra	-22.4256	-45.4528
Dalbergia nigra	-22.4689	-44.4467
Dalbergia nigra	-21.2453	-44.9997
Dalbergia nigra	-20.2875	-43.5081
Dalbergia nigra	-18.7106	-40.4006
Dalbergia nigra	-19.1436	-40.6236
Dalbergia nigra	-21.5753	-41.9111
Dalbergia nigra	-13.0761	-38.7275
Dalbergia nigra	-12.9464	-39.5217
Dalbergia nigra	-6.96333	-35.6917
Dalbergia nigra	-18.9186	-48.2772
Didymopanax acuminatus	-21.9	-41.9117
Didymopanax auratus	-15.1597	-39.0547
Didymopanax auratus	-15.15	-39.0833
Duguetia magnolioidea	-15.0539	-39.0003
Duguetia magnolioidea	-15.1694	-39.0111

Duguetia magnolioidea	-15.15	-39.0833
Duguetia magnolioidea	-14.7833	-39.0333
Duguetia magnolioidea	-15.1056	-39.0083
Duguetia magnolioidea	-14.7889	-39.0494
Duguetia magnolioidea	-15.2933	-39.0753
Duguetia restingae	-13.6097	-39.1811
Duguetia restingae	-14.1031	-39.0147
Duguetia reticulata	-18.0596	-39.8673
Duguetia reticulata	-18.0985	-39.8935
Duguetia reticulata	-18.0864	-39.5508
Duguetia scottmorii	-14.4167	-39.0833
Duguetia scottmorii	-14.42	-39.08
Duguetia scottmorii	-13.9472	-41.0667
Duguetia scottmorii	-14.4997	-39.115
Duguetia scottmorii	-13.9447	-41.0583
Duguetia scottmorii	-15.1667	-39.5833
Duguetia scottmorii	-14.5162	-39.2266
Duguetia sooretamae	-19.1527	-40.0675
Duguetia sooretamae	-18.6942	-39.7939
Duguetia sooretamae	-18.6625	-39.7853
Duguetia sooretamae	-19.1184	-40.0491
Duguetia sooretamae	-18.6522	-39.7808
Duguetia sooretamae	-19.3911	-40.0722
Duguetia sooretamae	-19.2144	-40.0842
Duguetia sooretamae	-18.615	-39.7414
Duguetia sooretamae	-19.1375	-40.0636
Duguetia sooretamae	-19.0883	-39.907
Duguetia sooretamae	-19	-40
Duguetia sooretamae	-19.6424	-40.6642
Duguetia sooretamae	-19.24	-40.3508
Duguetia sooretamae	-18.7422	-39.8103
Duguetia sooretamae	-18.7553	-39.8125
Erisma arietinum	-16.8394	-39.6244

Erisma arietinum	-19.1382	-39.9612
Erisma arietinum	-19.3911	-40.0722
Erisma arietinum	-19.3821	-40.0289
Erisma arietinum	-19.6424	-40.6642
Eschweilera alvimii	-12.1667	-37.9667
Eschweilera alvimii	-12.5303	-38.2992
Eschweilera alvimii	-9.2366	-36.4357
Eschweilera alvimii	-9.23689	-36.4353
Eschweilera alvimii	-15.2494	-39.0781
Eschweilera alvimii	-8.03072	-35.1938
Eschweilera alvimii	-14.4167	-39.0833
Eschweilera alvimii	-7.90722	-35.0467
Eschweilera alvimii	-19.516	-40.1255
Eschweilera alvimii	-13.8167	-39.2
Eschweilera alvimii	-15.15	-39.0833
Eschweilera alvimii	-8.01278	-34.9503
Eschweilera alvimii	-13.0469	-39.4322
Eschweilera alvimii	-8.01278	-34.9019
Eschweilera alvimii	-14.3281	-39.0294
Eschweilera alvimii	-9.25	-36.4167
Eschweilera alvimii	-16.2369	-39.0666
Eschweilera alvimii	-16.3861	-39.1805
Eschweilera alvimii	-16.2781	-39.0247
Eschweilera alvimii	-16.3333	-39.1333
Eschweilera alvimii	-14.3632	-39.1596
Eschweilera alvimii	-13	-39
Eschweilera alvimii	-13.1667	-39.15
Eschweilera alvimii	-15.2224	-39.1659
Eschweilera alvimii	-8.02167	-34.9811
Eschweilera alvimii	-8.05389	-34.8811
Eschweilera alvimii	-16.4497	-39.0647
Eschweilera alvimii	-9.1975	-35.7808
Eschweilera alvimii	-9.30667	-35.9433

Eschweilera alvimii	-12.473	-41.7317
Eschweilera alvimii	-14.2775	-38.9967
Eschweilera alvimii	-16.2781	-39.0247
Eschweilera alvimii	-15.2933	-39.0753
Eschweilera alvimii	-9.51555	-36.6232
Eschweilera compressa	-22.9186	-43.0447
Eschweilera compressa	-22.9703	-43.2294
Eschweilera compressa	-22.9208	-43.0833
Eschweilera compressa	-20.7294	-40.5364
Eschweilera compressa	-20.7267	-40.5361
Eschweilera compressa	-20.7292	-40.5361
Eschweilera compressa	-20.73	-40.54
Eschweilera compressa	-22.7208	-41.9992
Eschweilera compressa	-22.2864	-41.7306
Eschweilera compressa	-22.2856	-41.7319
Eschweilera compressa	-22.9333	-43.0167
Eschweilera compressa	-22.9242	-43.0292
Eschweilera compressa	-22.9461	-43.0047
Eschweilera compressa	-22.7155	-41.9876
Eschweilera compressa	-22.7311	-41.9694
Eschweilera compressa	-22.7556	-41.8902
Eschweilera compressa	-22.7764	-41.9496
Eschweilera compressa	-22.2949	-41.9754
Eschweilera compressa	-22.8113	-41.95
Eschweilera compressa	-22.9269	-43.4558
Eschweilera compressa	-22.907	-43.2077
Eschweilera compressa	-22.9033	-43.1936
Eschweilera compressa	-22.5308	-43.0083
Eschweilera compressa	-22.5315	-42.6474
Eschweilera compressa	-22.9028	-43.2075
Eschweilera compressa	-22.1891	-42.6529
Eschweilera compressa	-22.5269	-41.945
Eschweilera compressa	-21.2969	-41.0903

Eschweilera compressa	-21.7542	-41.3244
Eschweilera compressa	-20.658	-40.511
Eschweilera tetrapetala	-12.3333	-41.3833
Eschweilera tetrapetala	-12.4706	-41.3908
Eschweilera tetrapetala	-12.5553	-41.3644
Eschweilera tetrapetala	-12.5467	-41.3628
Eschweilera tetrapetala	-12.7833	-41.5167
Eschweilera tetrapetala	-12.5667	-41.3833
Eschweilera tetrapetala	-12.5542	-41.3614
Eschweilera tetrapetala	-12.0192	-41.1089
Eschweilera tetrapetala	-12.5294	-41.3642
Eschweilera tetrapetala	-12.8667	-41.3167
Eschweilera tetrapetala	-13.425	-39.4322
Eschweilera tetrapetala	-13.5667	-41.3833
Eschweilera tetrapetala	-12.478	-41.3622
Eschweilera tetrapetala	-12.8517	-39.4756
Eschweilera tetrapetala	-12.05	-41.1167
Eschweilera tetrapetala	-12.6323	-41.3051
Eschweilera tetrapetala	-12.8	-41.33
Eschweilera tetrapetala	-12.5667	-41.3833
Eschweilera tetrapetala	-12.5546	-41.3961
Eschweilera tetrapetala	-12.4675	-41.3801
Eschweilera tetrapetala	-12.7745	-41.3301
Eschweilera tetrapetala	-12.5147	-41.3587
Eschweilera tetrapetala	-12.7596	-41.195
Eschweilera tetrapetala	-12.5631	-41.39
Eschweilera tetrapetala	-13.6869	-39.4794
Eschweilera tetrapetala	-12.8072	-41.3314
Eugenia bunchosiifolia	-23.3333	-44.8333
Eugenia bunchosiifolia	-22.9481	-43.2742
Eugenia bunchosiifolia	-23.1411	-44.8153
Eugenia bunchosiifolia	-18.4281	-39.7156
Eugenia bunchosiifolia	-19.1561	-40.0703

Eugenia bunchosiifolia	-24.18	-47.92
Eugenia bunchosiifolia	-24.1814	-47.925
Eugenia bunchosiifolia	-22.9219	-43
Eugenia bunchosiifolia	-21.9236	-46.3861
Eugenia bunchosiifolia	-19.11	-40.06
Eugenia bunchosiifolia	-23.3111	-44.8122
Eugenia bunchosiifolia	-23.3667	-44.8
Eugenia bunchosiifolia	-25.2033	-48.3769
Eugenia bunchosiifolia	-23.33	-44.82
Eugenia bunchosiifolia	-23.4342	-45.07
Eugenia bunchosiifolia	-22.9031	-43.2075
Eugenia bunchosiifolia	-18.9224	-48.2774
Eugenia bunchosiifolia	-22	-42.5
Eugenia bunchosiifolia	-25.4325	-48.7123
Eugenia bunchosiifolia	-24.1914	-47.9247
Eugenia bunchosiifolia	-24.1691	-47.9247
Eugenia bunchosiifolia	-24.1089	-47.5528
Eugenia bunchosiifolia	-23.43	-45.07
Eugenia bunchosiifolia	-25.4286	-48.7119
Eugenia bunchosiifolia	-23.89	-46.42
Eugenia bunchosiifolia	-20.7756	-41.6794
Eugenia bunchosiifolia	-24.38	-47.92
Eugenia bunchosiifolia	-23.2178	-44.7131
Eugenia bunchosiifolia	-23.65	-47.22
Eugenia bunchosiifolia	-25.3067	-48.3289
Eugenia disperma	-23.3067	-45.2275
Eugenia disperma	-23.8242	-46.9417
Eugenia disperma	-22.5667	-43.1236
Eugenia disperma	-23.2175	-44.3381
Eugenia disperma	-23.1372	-44.1544
Eugenia disperma	-23.43	-45.07
Eugenia disperma	-23.8544	-46.1386
Eugenia disperma	-24.7	-47.55

Eugenia disperma	-24.38	-47.92
Eugenia disperma	-25.01	-47.92
Eugenia guanabarina	-19.4794	-39.7378
Eugenia guanabarina	-18.9531	-39.8406
Eugenia guanabarina	-18.6942	-39.7939
Eugenia guanabarina	-18.8947	-39.8778
Eugenia guanabarina	-18.5564	-39.7383
Eugenia guanabarina	-18.6917	-39.8222
Eugenia guanabarina	-17.7444	-39.3086
Eugenia guanabarina	-18.6878	-39.7922
Eugenia guanabarina	-18.7222	-39.8989
Eugenia guanabarina	-18.4239	-39.7392
Eugenia guanabarina	-17.8028	-39.2914
Eugenia guanabarina	-19.4333	-39.7417
Eugenia guanabarina	-18.4167	-39.7392
Eugenia guanabarina	-18.8414	-39.7583
Eugenia guanabarina	-18.6933	-39.7831
Eugenia guanabarina	-18.5933	-39.7322
Eugenia guanabarina	-18.7161	-39.8589
Eugenia guanabarina	-19.3911	-40.0722
Eugenia hermesiana	-23.6399	-45.8793
Eugenia hermesiana	-23.6398	-45.8793
Eugenia hermesiana	-22.2585	-48.742
Eugenia hermesiana	-23.53	-45.84
Eugenia hermesiana	-23.66	-46.53
Eugenia itacarensis	-17.0231	-39.1839
Eugenia itacarensis	-13.322	-39.1018
Eugenia itacarensis	-14.3403	-39.0342
Eugenia itacarensis	-14.4167	-39.0833
Eugenia itacarensis	-13.3289	-39.0903
Eugenia itacarensis	-13.9447	-40.1094
Eugenia itacarensis	-15.15	-39.0833
Eugenia itacarensis	-15.1806	-39.0611

Eugenia itacarensis	-14.98	-39.05
Eugenia itacarensis	-14.4167	-39.0167
Eugenia itacarensis	-14.4231	-39.0617
Eugenia itacarensis	-13.3684	-39.1501
Eugenia itacarensis	-14.3167	-39.0167
Eugenia itacarensis	-14.32	-39.02
Eugenia itacarensis	-14.3632	-39.1596
Eugenia itacarensis	-14.4997	-39.115
Eugenia itacarensis	-17.0392	-39.5311
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Eugenia itacarensis	-14.2139	-39.5228
Eugenia itacarensis	-13.3703	-39.0731
Eugenia joenssonii	-26.8875	-49.2044
Eugenia joenssonii	-26.8883	-49.19
Eugenia joenssonii	-26.8797	-49.1025
Eugenia joenssonii	-25.936	-48.9069
Eugenia joenssonii	-25.816	-48.7749
Eugenia joenssonii	-26.8833	-49.2036
Eugenia joenssonii	-25.4286	-48.7119
Eugenia joenssonii	-26.8925	-49.1275
Eugenia joenssonii	-25.5184	-48.8562
Eugenia joenssonii	-25.3067	-48.3289
Eugenia joenssonii	-25.9339	-48.9081
Eugenia joenssonii	-25.8828	-48.5747
Eugenia joenssonii	-25.01	-47.92
Eugenia joenssonii	-27.0356	-49.3897
Eugenia joenssonii	-26.8978	-49.2317
Eugenia joenssonii	-26.9194	-49.0661
Eugenia leonorae	-15.2994	-40.6803
Eugenia leonorae	-19.4111	-42.5286

Eugenia macrobracteolata	-23.7756	-46.3125
Eugenia macrobracteolata	-23.78	-46.3128
Eugenia macrobracteolata	-20.2914	-40.5194
Eugenia macrobracteolata	-23.9878	-46.7336
Eugenia macrobracteolata	-25.9339	-48.9081
Eugenia macrobracteolata	-22.2585	-48.742
Eugenia macrobracteolata	-23.66	-46.53
Eugenia macrobracteolata	-22.7592	-43.4511
Eugenia macrobracteolata	-25.4769	-48.8344
Eugenia malacantha	-25.7411	-48.5994
Eugenia malacantha	-25.3846	-48.8679
Eugenia malacantha	-25.1583	-48.295
Eugenia malacantha	-26.2567	-48.8303
Eugenia malacantha	-25.7925	-48.6247
Eugenia malacantha	-22.3656	-42.441
Eugenia malacantha	-23.1417	-44.1725
Eugenia malacantha	-23.7697	-46.2831
Eugenia malacantha	-23.7811	-46.3139
Eugenia malacantha	-26.0295	-48.7389
Eugenia malacantha	-27.0894	-48.5997
Eugenia malacantha	-25.9925	-49.3353
Eugenia malacantha	-22.9128	-47.0736
Eugenia malacantha	-25.591	-48.589
Eugenia malacantha	-25.3067	-48.3289
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Eugenia malacantha	-25.9339	-48.9081
Eugenia malacantha	-27.0286	-51.1628
Eugenia malacantha	-26.9081	-48.6617
Eugenia malacantha	-22.2585	-48.742

Eugenia malacantha	-25.5184	-48.8562
Eugenia malacantha	-25.45	-48.7167
Eugenia malacantha	-25.4286	-48.7119
Eugenia malacantha	-25.1833	-48.4431
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Eugenia malacantha	-23.3103	-51.1628
Eugenia malacantha	-25.4417	-49.0633
Eugenia malacantha	-22.9	-47.06
Eugenia malacantha	-23.07	-44.96
Eugenia malacantha	-24.71	-47.88
Eugenia malacantha	-23.2178	-44.7131
Eugenia malacantha	-23.96	-47.5
Eugenia malacantha	-24.38	-47.92
Eugenia malacantha	-27.0903	-48.6114
Eugenia malacantha	-23.66	-46.53
Eugenia malacantha	-27.0981	-48.9175
Eugenia malacantha	-26.9078	-48.6619
Eugenia mattosii	-29.1928	-51.2422
Eugenia mattosii	-29.4755	-51.8685
Eugenia mattosii	-26.8875	-49.2044
Eugenia mattosii	-26.8864	-49.1969
Eugenia mattosii	-25.4481	-49.2403
Eugenia mattosii	-26.88	-49.1025
Eugenia mattosii	-25.4514	-49.2406
Eugenia mattosii	-26.8797	-49.1025
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Eugenia mattosii	-26.8883	-49.19
Eugenia mattosii	-26.88	-49.1119
Eugenia mattosii	-26.8756	-49.0894
Eugenia mattosii	-26.8833	-49.2036
Eugenia mattosii	-26.885	-49.0975

Eugenia mattosii	-29.3786	-50.8739
Eugenia mattosii	-27.5861	-48.4858
Eugenia mattosii	-27.0356	-49.3897
Eugenia mattosii	-26.9194	-49.0661
Eugenia mattosii	-29.675	-50.2072
Eugenia mattosii	-29.3764	-51.1144
Eugenia mattosii	-27.5967	-48.5492
Eugenia myrciariifolia	-23.8751	-50.6045
Eugenia myrciariifolia	-24.636	-51.6269
Eugenia myrciariifolia	-25.2633	-54.0918
Eugenia myrciariifolia	-25.1467	-53.8486
Eugenia myrciariifolia	-23.9108	-50.5803
Eugenia myrciariifolia	-24.0325	-50.4583
Eugenia neotristis	-26.2517	-48.8583
Eugenia neotristis	-26.28	-48.6
Eugenia neotristis	-26.055	-48.7272
Eugenia neotristis	-25.7621	-48.5556
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Eugenia pachyclada	-27.915	-48.6075
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Eugenia peruibensis	-22.2585	-48.742
Eugenia peruibensis	-24.7	-47.55
Eugenia peruibensis	-24.32	-46.99
Eugenia pruinosa	-27.0283	-48.8956
Eugenia pruinosa	-21.9722	-41.9469
Eugenia pruinosa	-22.8039	-41.9461
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Eugenia pruinosa	-24.1106	-47.2047

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Eugenia pruinosa	-22.2439	-41.5928
Eugenia pruinosa	-24.18	-47.92
Eugenia pruinosa	-24.1814	-47.925
Eugenia pruinosa	-12.2386	-37.7758
Eugenia pruinosa	-12.2228	-37.7861
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Eugenia pruinosa	-19.2344	-39.9286
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Eugenia pruinosa	-23.4	-45.1833
Eugenia pruinosa	-24.2	-47.8667
Eugenia pruinosa	-13.9501	-40.111
Eugenia pruinosa	-24.6083	-47.8825
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Eugenia pruinosa	-28.3683	-49.2853
Eugenia pruinosa	-24.55	-47.25
Eugenia pruinosa	-23.3283	-44.6569
Eugenia pruinosa	-25.4808	-48.8348
Eugenia pruinosa	-23.6419	-46.6207
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Eugenia pruinosa	-19.8667	-40.5333
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Eugenia pruinosa	-19.4128	-40.5417
Eugenia pruinosa	-24.7	-47.55
Eugenia pruinosa	-22.9028	-43.2075

Eugenia pruinosa	-21.0989	-41.0467
Eugenia pruinosa	-26.9078	-48.6619
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Eugenia pruinosa	-23.54	-46.63
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Eugenia pruinosa	-24.38	-47.92
Eugenia pruinosa	-21.7972	-41.4481
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Eugenia pruinosa	-28.3589	-49.2914
Eugenia pruinosa	-25.01	-47.92
Eugenia pruinosa	-23.53	-45.84
Eugenia pruinosa	-26.9906	-48.6347
Eugenia pruinosa	-22.92	-42.5103
Eugenia pruinosa	-27.5967	-48.5492
Eugenia pruinosa	-22.2585	-48.742
Eugenia pseudomalacantha	-26.2544	-48.8572
Eugenia pseudomalacantha	-23.779	-46.298
Eugenia pseudomalacantha	-27.5861	-48.4858
Eugenia pseudomalacantha	-26.9199	-48.6633
Eugenia pseudomalacantha	-24.71	-47.88
Eugenia pseudomalacantha	-23.66	-46.53
Eugenia rotundicosta	-26.8181	-51.4825
Eugenia rotundicosta	-29.4649	-50.5007
Eugenia rotundicosta	-29.4521	-50.5202
Eugenia rotundicosta	-26.7319	-51.1189
Eugenia rotundicosta	-27	-51.15
Eugenia rotundicosta	-29.4642	-50.5006
Eugenia rotundicosta	-29.5867	-51.3756
Eugenia rotundicosta	-29.4481	-50.5836
Eugenia tenuipedunculata	-26.9975	-49.8864
Eugenia tenuipedunculata	-26.9261	-48.9733
Eugenia tenuipedunculata	-19.8389	-43.3225
Eugenia tenuipedunculata	-26.8225	-48.7786

Eugenia tenuipedunculata	-19.3961	-43.4019
Eugenia tenuipedunculata	-17.8825	-44.0409
Eugenia tenuipedunculata	-26.0267	-48.855
Eugenia tenuipedunculata	-26.2433	-48.6381
Eugenia tenuipedunculata	-19.7122	-42.7322
Eugenia tenuipedunculata	-19.6272	-43.8897
Eugenia tenuipedunculata	-25.8828	-48.5747
Eugenia vattimoana	-25.4561	-49.0131
Eugenia vattimoana	-26.9431	-49.3789
Eugenia vattimoana	-22.9719	-43.2736
Eugenia vattimoana	-25.4456	-49.0158
Eugenia vattimoana	-22.6386	-44.6614
Eugenia vattimoana	-22.6386	-44.6614
Eugenia vattimoana	-23.4339	-45.0711
Eugenia vattimoana	-24.715	-47.8811
Eugenia vattimoana	-22.4691	-44.2882
Eugenia vattimoana	-22.7592	-43.4511
Eugenia vattimoana	-22.1891	-42.6529
Eugenia vattimoana	-21.4597	-42.9675
Eugenia vattimoana	-22.6528	-43.0406
Eugenia vattimoana	-22.9028	-43.2075
Eugenia villaenovae	-22.5647	-42.2922
Eugenia villaenovae	-21.5561	-41.4417
Eugenia villaenovae	-22.6006	-43.03
Eugenia villaenovae	-21.5889	-41.5522
Eugenia villaenovae	-22.2856	-41.7319
Eugenia villaenovae	-22.2864	-41.7306
Eugenia villaenovae	-22.4583	-42.0372
Eugenia villaenovae	-22.9219	-43
Eugenia villaenovae	-22.3344	-41.9244
Eugenia villaenovae	-22.6519	-43.0528
Eugenia villaenovae	-22.5	-42.25
Eugenia villaenovae	-22.8458	-43.4281

Eugenia villaenovae	-22.8728	-42.3431
Eugenia villaenovae	-21.7542	-41.3244
Eugenia villaenovae	-22.3708	-41.7869
Eugenia villaenovae	-22.7592	-43.4511
Eugenia villaenovae	-22.5369	-42.9094
Eugenia villaenovae	-22.9661	-42.0278
Eugenia villaenovae	-22.4283	-42.0356
Eugenia villaenovae	-21.7658	-41.5072
Eugenia villaenovae	-22.6508	-42.3917
Euplassa cantareirae	-25.3444	-48.9281
Euplassa cantareirae	-22.5874	-45.3146
Euplassa cantareirae	-24.1431	-50.3083
Euplassa cantareirae	-24.1431	-50.3084
Euplassa cantareirae	-24.1431	-50.3084
Euplassa cantareirae	-23.7251	-47.063
Euplassa cantareirae	-26.124	-49.2251
Euplassa cantareirae	-25.9203	-48.9947
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Euplassa cantareirae	-23.3667	-44.8
Euplassa cantareirae	-25.0357	-49.089
Euplassa cantareirae	-23.6203	-45.4131
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Euplassa cantareirae	-22	-49
Euplassa cantareirae	-23.3667	-45.0842
Euplassa cantareirae	-25.3686	-48.9941
Euplassa cantareirae	-23.4348	-46.6351
Euplassa cantareirae	-25.6644	-49.0948
Euplassa cantareirae	-25.9283	-49.1989
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Euplassa cantareirae	-26.1925	-49.2656
Euplassa cantareirae	-24.636	-51.6269
Euplassa cantareirae	-24.2458	-50.2428
Euplassa cantareirae	-26.1925	-49.2656
Euplassa cantareirae	-23.31	-46.58
Euplassa cantareirae	-23.43	-45.07
Euplassa cantareirae	-22.2585	-48.742
Euplassa cantareirae	-25.5347	-49.2064
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Euplassa cantareirae	-25.9281	-49.1989
Euplassa cantareirae	-22.73	-45.59
Euplassa cantareirae	-27.2492	-50.4974
Euplassa cantareirae	-24.31	-49.14
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Euplassa cantareirae	-25.2061	-49.115
Euplassa cantareirae	-25.35	-49.0667
Euplassa cantareirae	-25.3656	-49.0769
Euplassa cantareirae	-20.4997	-43.8578
Exellodendron gracile	-18.4381	-39.8319
Exellodendron gracile	-19.6961	-39.9319
Exellodendron gracile	-19.6692	-39.8883
Exellodendron gracile	-19.6708	-39.8861
Exellodendron gracile	-19.6694	-39.8889
Exellodendron gracile	-19.6692	-39.8889
Exellodendron gracile	-19.1849	-39.96
Exellodendron gracile	-18.3547	-39.8469
Exellodendron gracile	-19.2467	-39.9617
Exellodendron gracile	-19.7292	-40.4447
Exellodendron gracile	-19.3483	-40.5511
Exellodendron gracile	-19.9314	-40.6075
Exellodendron gracile	-19.6796	-39.9114
Exellodendron gracile	-19.3949	-40.0719
Exellodendron gracile	-19.6686	-39.8881

Exellodendron gracile	-18.3697	-40.1442
Exellodendron gracile	-18.7875	-39.8622
Exellodendron gracile	-18.37	-40.1453
Exellodendron gracile	-18.3703	-40.2133
Exellodendron gracile	-19.3911	-40.0722
Ficus cyclophylla	-12.6333	-39
Ficus cyclophylla	-19.4792	-39.7364
Ficus cyclophylla	-20.08	-40.1739
Ficus cyclophylla	-19.9186	-40.0997
Ficus cyclophylla	-20.0769	-40.2825
Ficus cyclophylla	-18.3819	-42.2469
Ficus cyclophylla	-22.9772	-43.2183
Ficus cyclophylla	-22.72	-42.1242
Ficus cyclophylla	-21.3861	-41.0831
Ficus cyclophylla	-21.2147	-40.9414
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Ficus cyclophylla	-11.0681	-37.1092
Ficus cyclophylla	-7.14819	-34.8388
Ficus cyclophylla	-7.14517	-34.8405
Ficus cyclophylla	-7.11731	-34.875
Ficus cyclophylla	-12.5767	-38.0125
Ficus cyclophylla	-6.89222	-35.5853
Ficus cyclophylla	-19.1858	-39.9111
Ficus cyclophylla	-11.8133	-38.0582
Ficus cyclophylla	-14.7086	-39.6072
Ficus cyclophylla	-12.7275	-39.7764
Ficus cyclophylla	-19.1308	-40.0361
Ficus cyclophylla	-12.9333	-39.5167
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Ficus cyclophylla	-13.2372	-38.9783
Ficus cyclophylla	-6.50222	-34.9769
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Ficus cyclophylla	-10.7808	-36.9033
Ficus cyclophylla	-10.7809	-36.9034
Ficus cyclophylla	-10.8061	-37.9083
Ficus cyclophylla	-13.9431	-38.9306
Ficus cyclophylla	-20.7919	-41.5325
Ficus cyclophylla	-19.1469	-39.901
Ficus cyclophylla	-20.012	-40.1544
Ficus cyclophylla	-19.2489	-40.4164
Ficus cyclophylla	-12.1617	-39.1839
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Ficus cyclophylla	-6.49362	-34.9786
Ficus cyclophylla	-6.49361	-34.9786
Ficus cyclophylla	-12.4153	-40.5394
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Ficus cyclophylla	-13.9572	-40.1189
Ficus cyclophylla	-23.0486	-43.6267
Ficus cyclophylla	-23.0486	-43.6267
Ficus cyclophylla	-6.55833	-35.7417
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Ficus cyclophylla	-6.915	-34.8629
Ficus cyclophylla	-7.12167	-34.8361
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Ficus cyclophylla	-12.7169	-39.7667
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Ficus cyclophylla	-6.89889	-34.8686
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Ficus cyclophylla	-19.1013	-43.4036
Ficus cyclophylla	-18.3703	-40.2133
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Ficus cyclophylla	-23.0475	-43.6153
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Ficus cyclophylla	-23.3787	-44.8384
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Ficus cyclophylla	-20.7539	-42.8819
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Ficus cyclophylla	-20.7636	-41.5331
Ficus cyclophylla	-19.8203	-40.2733
Ficus cyclophylla	-20.658	-40.511
Ficus cyclophylla	-9.99262	-36.2642
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Ficus cyclophylla	-22.8794	-42.0186
Ficus cyclophylla	-22.9194	-42.8186
Ficus cyclophylla	-22.7086	-42.6097
Ficus cyclophylla	-22.5269	-41.945
Ficus cyclophylla	-22.92	-42.5103
Ficus cyclophylla	-7.115	-34.8631
Ficus cyclophylla	-21.7331	-41.7633
Ficus cyclophylla	-21.3019	-40.9614

Ficus cyclophylla	-23.3787	-44.8384
Ficus cyclophylla	-14.2744	-44.5486
Ficus cyclophylla	-23.1764	-44.2931
Ficus cyclophylla	-23.1942	-44.2275
Galipea carinata	-20.5333	-40.4167
Galipea carinata	-20.55	-40.45
Galipea carinata	-19.6424	-40.6642
Galipea carinata	-20.5167	-40.45
Galipea carinata	-20.658	-40.511
Galipea carinata	-21.3019	-40.9614
Galipea carinata	-22.1891	-42.6529
Handroanthus arianeae	-18.9938	-39.9867
Handroanthus arianeae	-18.9927	-39.9866
Handroanthus arianeae	-18.8752	-40.1019
Handroanthus arianeae	-19.1333	-39.9667
Handroanthus arianeae	-19.0718	-40.1477
Handroanthus arianeae	-19.1427	-40.0637
Handroanthus arianeae	-19.4167	-40.0667
Handroanthus arianeae	-19.6424	-40.6642
Handroanthus arianeae	-19.3949	-40.0719
Handroanthus arianeae	-18.3697	-40.1442
Handroanthus arianeae	-19.3911	-40.0722
Handroanthus riodocensis	-12.6675	-39.1054
Handroanthus riodocensis	-19.6847	-41.4678
Handroanthus riodocensis	-14.0397	-39.5994
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Handroanthus riodocensis	-20.18	-40.3072
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Handroanthus riodocensis	-19.1333	-39.9667
Handroanthus riodocensis	-19.1382	-39.9612

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Handroanthus riodocensis	-15.1581	-39.5286
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Handroanthus riodocensis	-19.3949	-40.0719
Handroanthus riodocensis	-19.8667	-40.5333
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Handroanthus riodocensis	-19.8158	-43.9542
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Handroanthus spongiosus	-8.9325	-40.7222
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Handroanthus spongiosus	-8.98611	-42.6856
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Handroanthus spongiosus	-12.35	-40.9
Handroanthus spongiosus	-8.865	-42.7019
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Handroanthus spongiosus	-13.7817	-41.0489
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Hirtella insignis	-12.2631	-38.0417
Hirtella insignis	-19.1462	-40.0592
Hirtella insignis	-15.34	-39.0078
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Hirtella insignis	-19.2489	-40.4164
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Hirtella insignis	-16.4192	-39.2022
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Hirtella insignis	-20.9663	-40.9465
Hirtella insignis	-14.9167	-39.0833
Hirtella insignis	-14.98	-39.05
Hirtella insignis	-15.38	-39.0694
Hirtella insignis	-15.3833	-39.0333
Hirtella insignis	-19.3949	-40.0719
Hirtella insignis	-15.3167	-39.0167
Hirtella insignis	-13.3743	-39.073
Hirtella insignis	-16.4534	-39.0643
Hirtella insignis	-15.41	-39.49
Hirtella insignis	-12.9269	-38.4269

Hirtella insignis	-19.8667	-40.5333
Hirtella insignis	-18.2625	-39.805
Hirtella insignis	-19.3911	-40.0722
Hirtella insignis	-12.9711	-38.5108
Hirtella insignis	-12.473	-41.7317
Hirtella insignis	-14.7889	-39.0494
Hirtella insignis	-16.2781	-39.0247
Hirtella insignis	-19.8203	-40.2733
Hirtella insignis	-20.3633	-40.6592
Hirtella insignis	-17.3411	-39.2208
Hirtella insignis	-16.4497	-39.0647
Hirtella insignis	-15.2933	-39.0753
Hirtella insignis	-19.3272	-43.6186
Hirtella parviunguis	-19.1489	-39.893
Hirtella parviunguis	-19.3911	-40.0722
Hirtella parviunguis	-20.3633	-40.6592
Hirtella parviunguis	-19.6424	-40.6642
Hirtella santosii	-12.1667	-37.9667
Hirtella santosii	-14.7125	-39.6028
Hirtella santosii	-9.2298	-35.8923
Hirtella santosii	-14.7058	-39.6033
Hirtella santosii	-9.22993	-35.8923
Hirtella santosii	-15.09	-39.5
Hirtella santosii	-15.1742	-39.3394
Hirtella santosii	-14.7703	-39.5361
Hirtella santosii	-8.95564	-35.8997
Hirtella santosii	-8.95556	-35.8997
Hirtella santosii	-14.4167	-39.0167
Hirtella santosii	-15.2189	-39.2481
Hirtella santosii	-16.3333	-39.1333
Hirtella santosii	-9.30682	-35.9428
Hirtella santosii	-9.62361	-36.5761
Hirtella santosii	-12.2631	-38.0417

Hirtella santosii	-8.9725	-35.9394
Hirtella santosii	-15.8631	-38.8828
Hirtella santosii	-9.16278	-36.0319
Hirtella santosii	-9.78111	-36.0936
Hirtella santosii	-14.1642	-39.3736
Homalolepis insignis	-23.5415	-45.0719
Homalolepis insignis	-23.5422	-45.0654
Homalolepis insignis	-23.53	-45.08
Homalolepis insignis	-22.9301	-43.1957
Homalolepis insignis	-22.9517	-43.2122
Homalolepis insignis	-22.9525	-43.2117
Homalolepis insignis	-23.43	-45.07
Homalolepis insignis	-22.9028	-43.2075
Hornschuchia obliqua	-15.3833	-39.2
Hornschuchia obliqua	-14.4167	-39.0167
Hornschuchia obliqua	-14.597	-39.2841
Hornschuchia obliqua	-14.5931	-39.2844
Hornschuchia obliqua	-14.4231	-39.0617
Hornschuchia obliqua	-13.48	-39.04
Hornschuchia obliqua	-12.473	-41.7317
Hornschuchia obliqua	-15.2933	-39.0753
Hornschuchia obliqua	-13.4869	-39.0439
Huberia carvalhoi	-14.25	-39.4167
Huberia carvalhoi	-16.9889	-39.5975
Huberia carvalhoi	-16.9197	-39.5994
Huberia carvalhoi	-15.1742	-39.3394
Huberia carvalhoi	-13.55	-39.0294
Huberia carvalhoi	-13.5544	-39.45
Huberia carvalhoi	-13.6722	-39.1178
Huberia carvalhoi	-13.4708	-39.09
Huberia carvalhoi	-13.5994	-39.1069
Huberia carvalhoi	-13.3703	-39.0731
Huberia espiritosantensis	-19.2317	-40.87

Huberia espiritosantensis	-19.2289	-40.8661
Huberia espiritosantensis	-19.2828	-40.4633
Huberia espiritosantensis	-19.9731	-40.5283
Huberia espiritosantensis	-19.2311	-40.8767
Huberia espiritosantensis	-19.3117	-40.5375
Huberia espiritosantensis	-20.2917	-41.0289
Huberia espiritosantensis	-20.1667	-40.6144
Huberia espiritosantensis	-19.1886	-40.7833
Huberia espiritosantensis	-19.2308	-40.8764
Huberia espiritosantensis	-20.1731	-40.6144
Huberia espiritosantensis	-20.3064	-40.5417
Huberia espiritosantensis	-20.3442	-40.5375
Huberia espiritosantensis	-19.3436	-40.5522
Huberia espiritosantensis	-19.3481	-40.5517
Huberia espiritosantensis	-18.9739	-40.6644
Huberia espiritosantensis	-19.2817	-40.4619
Huberia espiritosantensis	-19.7608	-40.7394
Huberia espiritosantensis	-20.0767	-41.0797
Huberia espiritosantensis	-20.0761	-41.0394
Huberia espiritosantensis	-19.3392	-40.5528
Huberia espiritosantensis	-18.9778	-40.6656
Huberia espiritosantensis	-19.9142	-40.4722
Huberia espiritosantensis	-19.2742	-40.9092
Huberia espiritosantensis	-19.9714	-40.5303
Huberia espiritosantensis	-19.8978	-40.8147
Huberia espiritosantensis	-19.8658	-40.4789
Huberia espiritosantensis	-19.8319	-40.3697
Huberia espiritosantensis	-19.7389	-40.6569
Huberia espiritosantensis	-18.4238	-41.1223
Humiriastrum spiritu-sancti	-19.1795	-39.9709
Humiriastrum spiritu-sancti	-19.1589	-40.0758
Humiriastrum spiritu-sancti	-15.15	-39.0833
Humiriastrum spiritu-sancti	-19.9714	-40.5303

Humiriastrum spiritu-sancti	-14.7833	-39.0333
Humiriastrum spiritu-sancti	-16.2986	-39.0441
Humiriastrum spiritu-sancti	-19.9075	-40.5531
Inga arenicola	-22.97	-42.9
Inga arenicola	-22.9233	-42.8184
Inga enterolobioides	-22.1891	-42.6529
Inga grazielae	-14.4897	-39.0469
Inga grazielae	-14.7	-39.6333
Inga grazielae	-14.7	-39.6
Inga grazielae	-12.8897	-39.5397
Inga grazielae	-14.7708	-39.5361
Inga grazielae	-15.3917	-39.5653
Inga grazielae	-15.3917	-39.5653
Inga grazielae	-14.7703	-39.2028
Inga grazielae	-15.1742	-39.3394
Inga grazielae	-14.38	-40.13
Inga grazielae	-14.4039	-40.1544
Inga grazielae	-14.775	-39.0833
Inga grazielae	-14.3833	-39.0333
Inga grazielae	-15.2933	-39.0753
Inga grazielae	-14.77	-39.07
Inga grazielae	-14.7772	-39.0911
Inga grazielae	-14.4167	-39.0167
Inga grazielae	-12.95	-38.4167
Inga grazielae	-14.3	-39
Inga grazielae	-14.7889	-39.0494
Affonsea grazielae	-15.2833	-39.1667
Inga grazielae	-15.4449	-39.5194
Inga grazielae	-13.4869	-39.0439
Inga grazielae	-14.2775	-38.9967
Inga mendoncaei	-22.4361	-42.5219
Inga mendoncaei	-22.4361	-42.5247
Inga mendoncaei	-22.3783	-42.8283

Inga mendoncaei	-22.555	-43.4761
Inga mendoncaei	-15.3958	-39.5661
Inga mendoncaei	-23.3756	-45.0753
Inga mendoncaei	-22.935	-44.3467
Inga mendoncaei	-19.9092	-40.5917
Inga mendoncaei	-19.9311	-40.6836
Inga mendoncaei	-13.0227	-38.7037
Inga organensis	-22	-42.05
Inga mendoncaei	-22.4302	-42.4991
Inga organensis	-22.2819	-42.5311
Inga organensis	-22.2858	-42.5309
Inga organensis	-22.2819	-42.5308
Inga mendoncaei	-22.1891	-42.6529
Inga mendoncaei	-22.4557	-43.0098
Inga mendoncaei	-23.5	-47.45
Inga platyptera	-22.5453	-42.3008
Inga platyptera	-19.9928	-40.8597
Inga platyptera	-20.7023	-42.5156
Inga platyptera	-19.9075	-40.5531
Inga platyptera	-19.9842	-40.5833
Inga platyptera	-22.5556	-42.485
Inga platyptera	-22.5	-42.25
Inga platyptera	-22.3197	-42.5016
Inga platyptera	-22.4667	-42.5
Inga platyptera	-22.4583	-43.5389
Inga platyptera	-21.7629	-43.3574
Inga platyptera	-20.6667	-42.5208
Inga platyptera	-21.5878	-43.2656
Inga platyptera	-20.3458	-41.5358
Inga platyptera	-19.3911	-40.0722
Inga platyptera	-20.0692	-40.7256
Inga platyptera	-19.9222	-40.5892
Inga suborbicularis	-11.2	-37.2333

Inga suborbicularis	-12.0675	-38.0103
Inga suborbicularis	-11.6939	-37.5061
Inga suborbicularis	-12.05	-38
Inga suborbicularis	-11.88	-37.95
Inga suborbicularis	-11.8833	-37.95
Inga suborbicularis	-12.02	-38.05
Inga suborbicularis	-9.93706	-36.5121
Inga suborbicularis	-15.515	-40.8142
Inga suborbicularis	-12.1333	-38.4333
Inga suborbicularis	-11.7833	-37.8333
Inga suborbicularis	-11.6333	-37.9
Inga suborbicularis	-15.25	-40.57
Inga suborbicularis	-15.2647	-40.5747
Inga suborbicularis	-11.0147	-37.2064
Inga suborbicularis	-16.8833	-39.4167
Inga suborbicularis	-12.473	-41.7317
Inga suborbicularis	-10.9981	-37.3106
Inga suborbicularis	-10.5909	-37.4461
Inga suborbicularis	-9.93361	-36.5542
Inga unica	-16.1253	-38.9711
Inga unica	-17.2601	-39.4955
Inga unica	-18.2625	-39.805
Inga unica	-19.0039	-40.0067
Inga unica	-20.0556	-40.4703
Inga unica	-19.0081	-40.6622
Inga unica	-20.0586	-40.4706
Inga unica	-20.1228	-40.5461
Inga unica	-18.9778	-40.6656
Inga unica	-15.1678	-39.0675
Inga unica	-18.2375	-39.8244
Inga unica	-15.15	-39.0833
Inga unica	-15.15	-39.08
Inga unica	-19.8894	-40.3769

Inga unica	-20.7636	-41.5331
Inga unica	-19.8203	-40.2733
Inga unica	-21.0111	-40.8339
Inga unica	-19.3911	-40.0722
Inga unica	-17.0392	-39.5311
Inga unica	-17.26	-39.4956
Jacaranda crassifolia	-22.25	-44.5667
Jacaranda crassifolia	-22.5	-44.5
Jacaranda crassifolia	-22.1891	-42.6529
Jacaranda crassifolia	-22.4412	-44.4872
Jacaranda microcalyx	-19.9714	-40.5303
Jacaranda microcalyx	-14.3333	-39.3333
Jacaranda microcalyx	-14.3333	-39.1667
Jacaranda microcalyx	-8.3264	-38.001
Jacaranda microcalyx	-8.43685	-35.0901
Jacaranda microcalyx	-7.41028	-35.1128
Kielmeyera occhioniana	-19.1477	-40.0872
Kielmeyera occhioniana	-18.9886	-40.6981
Kielmeyera occhioniana	-14.1814	-39.7086
Kielmeyera occhioniana	-16.9906	-39.6031
Kielmeyera occhioniana	-19.9714	-40.5303
Kielmeyera occhioniana	-15.1598	-39.0391
Kielmeyera occhioniana	-19.8667	-40.5333
Kielmeyera occhioniana	-19.3911	-40.0722
Kielmeyera occhioniana	-19.6424	-40.6642
Kielmeyera occhioniana	-20.7756	-41.6794
Kielmeyera rufotomentosa	-19.2299	-40.7986
Kielmeyera rufotomentosa	-19.8944	-40.8131
Kielmeyera rufotomentosa	-19.2308	-40.7981
Kielmeyera rufotomentosa	-19.2297	-40.7986
Kielmeyera rufotomentosa	-19.8283	-40.6947
Kielmeyera rufotomentosa	-19.23	-40.7986
Kielmeyera rufotomentosa	-19.9556	-40.6028

Kielmeyera rufotomentosa	-19.4042	-40.6814
Kielmeyera rufotomentosa	-19.7689	-40.6867
Kielmeyera rufotomentosa	-19.4958	-41.0639
Kielmeyera rufotomentosa	-19.6424	-40.6642
Kielmeyera rupestris	-19.1644	-40.8186
Kielmeyera rupestris	-19.0558	-40.7419
Kielmeyera rupestris	-19.6275	-41.1874
Kielmeyera rupestris	-18.8039	-40.4689
Kielmeyera rupestris	-19.2311	-40.8767
Kielmeyera rupestris	-18.7622	-40.4525
Kielmeyera rupestris	-18.7617	-40.4528
Kielmeyera rupestris	-18.7703	-40.4475
Kielmeyera rupestris	-18.7825	-40.4328
Kielmeyera rupestris	-19.2922	-40.7342
Kielmeyera rupestris	-18.7106	-40.4006
Lecythis schwackei	-16.7639	-42.3189
Lecythis schwackei	-16.7933	-42.3375
Lecythis schwackei	-16.7933	-42.3378
Lecythis schwackei	-16.8047	-42.3433
Lecythis schwackei	-14.4167	-39.0167
Lecythis schwackei	-16.8044	-42.3431
Lecythis schwackei	-18.9711	-47.0511
Lecythis schwackei	-18.9439	-46.9925
Lecythis schwackei	-18.458	-44.6577
Licania arianeae	-18.4252	-39.7155
Licania arianeae	-20.9663	-40.9465
Licania arianeae	-19.3949	-40.0719
Licania arianeae	-18.4072	-39.7069
Licania arianeae	-19.3911	-40.0722
Licania arianeae	-18.5933	-39.7322
Licania arianeae	-20.8058	-40.6456
Licania belemii	-19.2028	-43.3656
Licania belemii	-13.7919	-39.0925

Licania belemii	-14.3994	-39.0603
Licania belemii	-15.2494	-39.0781
Licania belemii	-15.1728	-39.3514
Licania belemii	-15.17	-39.3381
Licania belemii	-20.7956	-42.8472
Licania belemii	-15.1742	-39.3394
Licania belemii	-14.7092	-39.6031
Licania belemii	-16.5	-39.25
Licania belemii	-15.1894	-39.4028
Licania belemii	-15.3917	-39.5653
Licania belemii	-19.4319	-43.4329
Licania belemii	-14.4167	-39.0833
Licania belemii	-15.1736	-39.3417
Licania belemii	-15.2028	-39.4081
Licania belemii	-14.7058	-39.6033
Licania belemii	-16.4192	-39.2022
Licania belemii	-14.4997	-39.115
Licania belemii	-22.5689	-43.1217
Licania belemii	-14.7069	-39.1897
Licania belemii	-20.8	-42.85
Licania belemii	-16.8672	-39.415
Licania belemii	-14.7819	-39.0692
Licania belemii	-14.4167	-39.0167
Licania belemii	-19.3949	-40.0719
Licania belemii	-14.4796	-39.1029
Licania belemii	-15.1517	-39.2459
Licania belemii	-15.41	-39.49
Licania belemii	-15.2189	-39.2481
Licania belemii	-15.8631	-38.8828
Licania belemii	-19.8667	-40.5333
Licania belemii	-18.2625	-39.805
Licania belemii	-19.3911	-40.0722
Licania belemii	-15.8631	-38.8828

Licania belemii	-20.8489	-41.1128
Licania belemii	-15.2933	-39.0753
Licania belemii	-12.473	-41.7317
Licania belemii	-19.4128	-40.5417
Licania belemii	-17.3411	-39.2208
Licania indurata	-22.4333	-42.8333
Licania indurata	-22.5089	-43.1785
Licania indurata	-23.5442	-46.6304
Licania indurata	-23.5403	-46.63
Licania indurata	-23.7831	-46.3161
Licania indurata	-22.2585	-48.742
Licania indurata	-23.66	-46.53
Lychnophora sellowii	-19.4961	-43.505
Lychnophora sellowii	-19.4275	-43.6033
Lychnocephalus sellovii	-19.3158	-43.545
Lychnocephalus sellovii	-19.2911	-43.5642
Lychnophora sellowii	-19.5183	-43.5936
Lychnophora sellowii	-19.0997	-43.6764
Lychnophora sellowii	-19.219	-43.7331
Lychnocephalus sellovii	-19.0944	-43.645
Lychnophora sellowii	-18.4231	-43.4186
Lychnophora sellowii	-19.0647	-43.7069
Lychnophora sellowii	-18.4492	-43.4883
Lychnophora sellowii	-18.5879	-43.8993
Lychnophora sellowii	-18.359	-43.6839
Lychnophora sellowii	-18.4497	-43.4886
Lychnocephalus sellovii	-19.0039	-43.7562
Lychnocephalus sellovii	-19.3152	-43.5426
Lychnocephalus sellovii	-18.4438	-43.4306
Lychnocephalus sellovii	-18.9477	-43.7512
Lychnocephalus sellovii	-18.9174	-43.79
Lychnocephalus sellovii	-18.3467	-43.5506
Lychnocephalus sellovii	-18.56	-43.8539

Lychnocephalus sellovii	-18.9374	-43.685
Lychnophora sellowii	-18.9375	-43.685
Lychnocephalus sellovii	-19.1122	-43.6981
Lychnocephalus sellovii	-19.2876	-43.5892
Lychnocephalus sellovii	-18.4628	-43.4514
Lychnocephalus sellovii	-18.6197	-43.5981
Lychnophora sellowii	-18.6197	-43.5981
Lychnocephalus sellovii	-18.3603	-43.6792
Lychnocephalus sellovii	-19.3153	-43.545
Lychnocephalus sellovii	-19.2583	-43.5517
Lychnocephalus sellovii	-19.2914	-43.5622
Lychnocephalus sellovii	-19.2472	-43.5111
Lychnophora sellowii	-19.1833	-43.5333
Lychnocephalus sellovii	-18.5805	-43.8753
Lychnophora sellowii	-18.5235	-43.8335
Lychnocephalus sellovii	-18.9167	-43.9
Lychnophora sellowii	-18.5366	-43.4025
Lychnophora sellowii	-18.3912	-43.6791
Lychnophora sellowii	-19.3167	-43.6
Lychnophora sellowii	-19.2886	-43.5545
Macropeplus friburgensis	-22.41	-42.39
Macropeplus friburgensis	-22	-42.05
Macropeplus friburgensis	-22.55	-42.5
Macropeplus friburgensis	-22.2819	-42.5311
Macropeplus friburgensis	-22.9028	-43.2075
Macropeplus friburgensis	-22.3197	-42.5016
Manilkara dardanoi	-12.2547	-37.8983
Manilkara dardanoi	-12.02	-38.03
Manilkara dardanoi	-8.80972	-35.1464
Manilkara dardanoi	-12.0383	-38.0906
Manilkara dardanoi	-7.84861	-34.9892
Manilkara dardanoi	-8.81833	-35.1864
Manilkara dardanoi	-8.81075	-35.145

Manilkara dardanoi	-8.08333	-35.47
Manilkara dardanoi	-8.0542	-34.8808
Manilkara dardanoi	-7.97547	-34.9924
Manilkara dardanoi	-11.607	-37.5014
Manilkara dardanoi	-8.81833	-35.1864
Manilkara dardanoi	-7.83417	-34.9064
Manilkara dardanoi	-11.9419	-38.0844
Manilkara dardanoi	-7.94083	-34.8731
Manilkara dardanoi	-6.18667	-35.0919
Manilkara dardanoi	-8.02167	-34.9811
Manilkara maxima	-15	-39
Manilkara maxima	-14.325	-39.0286
Manilkara maxima	-15.1553	-39.1219
Manilkara maxima	-14.3542	-39.0658
Manilkara maxima	-15.3444	-39.0147
Manilkara maxima	-14.9719	-39.0394
Manilkara maxima	-15.3872	-39.0961
Manilkara maxima	-15.1878	-39.0686
Manilkara maxima	-14.42	-39.08
Manilkara maxima	-14.4997	-39.135
Manilkara maxima	-15.1908	-39.065
Manilkara maxima	-15.1528	-39.0847
Manilkara maxima	-14.4167	-39.0833
Manilkara maxima	-15.18	-39.0364
Manilkara maxima	-14.3353	-39.0364
Manilkara maxima	-14.335	-39.0361
Manilkara maxima	-14.3514	-39.0653
Manilkara maxima	-15.15	-39.0833
Manilkara maxima	-14.4167	-39.0167
Manilkara maxima	-15.297	-39.0752
Manilkara maxima	-14.4997	-39.115
Manilkara maxima	-14.4231	-39.0617
Manilkara maxima	-14.2815	-38.9966

Manilkara maxima	-14.7889	-39.0494
Manilkara maxima	-15.2933	-39.0753
Manilkara maxima	-14.3632	-39.1596
Manilkara maxima	-13.9447	-39.1039
Manilkara maxima	-14.2775	-38.9967
Manilkara multifida	-14.3575	-39.0658
Manilkara multifida	-13.3308	-39.1908
Manilkara multifida	-13.8267	-39.2042
Manilkara multifida	-14.7761	-39.0897
Manilkara multifida	-13.6489	-39.1961
Manilkara multifida	-14.0017	-39.1669
Manilkara multifida	-15.2533	-39.9392
Manilkara multifida	-15.1875	-39.0669
Manilkara multifida	-14.5006	-39.1347
Manilkara multifida	-16.3189	-39.1153
Manilkara multifida	-16.3033	-39.1292
Manilkara multifida	-16.3336	-39.1267
Manilkara multifida	-14.7192	-39.1556
Manilkara multifida	-14.7233	-39.1544
Manilkara multifida	-14.9836	-39.2392
Manilkara multifida	-14.4167	-39.0167
Manilkara multifida	-16.2667	-39.0167
Manilkara multifida	-16.2781	-39.0247
Manilkara multifida	-16.3333	-39.1333
Manilkara multifida	-15.8631	-38.8828
Melanoxylon brauna	-19.6156	-40.8331
Melanoxylon brauna	-20.5993	-43.4665
Melanoxylon brauna	-21.3672	-41.0819
Melanoxylon brauna	-24.7803	-51.7303
Melanoxylon brauna	-19.8353	-43.3983
Melanoxylon brauna	-21.3803	-41.2231
Melanoxylon brauna	-19.468	-43.9321
Melanoxylon brauna	-17.6658	-41.6753

Melanoxylon brauna	-22.3544	-43.7336
Melanoxylon brauna	-21.3722	-41.0819
Melanoxylon brauna	-19	-43
Melanoxylon brauna	-21.3789	-41.0822
Melanoxylon brauna	-19.7508	-42.48
Melanoxylon brauna	-10.3544	-44.6244
Melanoxylon brauna	-18.0769	-43.2272
Melanoxylon brauna	-17.8097	-42.5944
Melanoxylon brauna	-13.0303	-39.6047
Melanoxylon brauna	-18.9078	-43.4025
Melanoxylon brauna	-18.9162	-43.4015
Melanoxylon brauna	-18.0586	-39.6622
Melanoxylon brauna	-21.4281	-41.1361
Melanoxylon brauna	-16.3864	-39.1814
Melanoxylon brauna	-11.9881	-41.3347
Melanoxylon brauna	-12.9733	-41.3342
Melanoxylon brauna	-12.9733	-41.3339
Melanoxylon brauna	-22.6775	-42.8149
Melanoxylon brauna	-14.3331	-40.2083
Melanoxylon brauna	-19.15	-40.05
Melanoxylon brauna	-15.2972	-39.1953
Melanoxylon brauna	-20.0994	-43.9014
Melanoxylon brauna	-19.1897	-43.2578
Melanoxylon brauna	-20.2919	-40.8506
Melanoxylon brauna	-14.795	-39.1705
Melanoxylon brauna	-16.8433	-39.3456
Melanoxylon brauna	-24.8004	-47.8483
Melanoxylon brauna	-10.262	-36.3646
Melanoxylon brauna	-19.0025	-43.1942
Melanoxylon brauna	-19.8903	-40.8928
Melanoxylon brauna	-13.6886	-44.0414
Melanoxylon brauna	-22.65	-42.8167
Melanoxylon brauna	-22.6667	-42.8167

Melanoxylon brauna	-10.126	-36.1756
Melanoxylon brauna	-22.6556	-42.8275
Melanoxylon brauna	-20.1422	-44.4728
Melanoxylon brauna	-13.8875	-40.7516
Melanoxylon brauna	-20.7956	-42.8472
Melanoxylon brauna	-16.4192	-39.2022
Melanoxylon brauna	-18.2156	-43.2081
Melanoxylon brauna	-15.5846	-40.9827
Melanoxylon brauna	-19.825	-44.0508
Melanoxylon brauna	-18.0017	-42.9364
Melanoxylon brauna	-20.1239	-44.2189
Melanoxylon brauna	-10.3492	-36.4864
Melanoxylon brauna	-18.8208	-40.5397
Melanoxylon brauna	-22.6408	-44.7269
Melanoxylon brauna	-19.4112	-43.4225
Melanoxylon brauna	-19.4144	-43.4313
Melanoxylon brauna	-10.0322	-36.2986
Melanoxylon brauna	-10.0492	-36.2736
Melanoxylon brauna	-19.1239	-43.8419
Melanoxylon brauna	-19.0183	-43.7717
Melanoxylon brauna	-22.6428	-44.6567
Melanoxylon brauna	-11.9667	-40.7689
Melanoxylon brauna	-18.9842	-40.6622
Melanoxylon brauna	-18.9942	-40.6961
Melanoxylon brauna	-19.8916	-43.916
Melanoxylon brauna	-11.6253	-40.9928
Melanoxylon brauna	-9.92299	-36.4762
Melanoxylon brauna	-19.8864	-43.8067
Melanoxylon brauna	-12.3028	-40.4872
Melanoxylon brauna	-13.6917	-44.0422
Melanoxylon brauna	-22.877	-42.3432
Melanoxylon brauna	-13.9447	-40.1092
Melanoxylon brauna	-9.37035	-36.2393

Melanoxylon brauna	-13.9447	-40.1094
Melanoxylon brauna	-19.8572	-42.5081
Melanoxylon brauna	-13.7167	-39.1333
Melanoxylon brauna	-10.0631	-36.3378
Melanoxylon brauna	-13.485	-40.4072
Melanoxylon brauna	-11.55	-37.7833
Melanoxylon brauna	-10.1283	-36.2797
Melanoxylon brauna	-19.7661	-42.6539
Melanoxylon brauna	-16.2667	-39.0167
Melanoxylon brauna	-20.8	-42.85
Melanoxylon brauna	-16.3233	-39.5847
Melanoxylon brauna	-22.9028	-43.2075
Melanoxylon brauna	-16.3333	-39.1667
Melanoxylon brauna	-15.2833	-39.0667
Melanoxylon brauna	-22.55	-43.2667
Melanoxylon brauna	-14.6833	-39.1167
Melanoxylon brauna	-22.5	-42.25
Melanoxylon brauna	-14.2815	-38.9966
Melanoxylon brauna	-12.0475	-37.7233
Melanoxylon brauna	-21.3914	-41.0944
Melanoxylon braunia	-12.0469	-37.72
Melanoxylon brauna	-11.8275	-37.6777
Melanoxylon brauna	-9.95426	-36.8246
Melanoxylon brauna	-12.0469	-37.7156
Melanoxylon brauna	-21.985	-42.3682
Melanoxylon brauna	-19.797	-42.1347
Melanoxylon brauna	-12.33	-41.7697
Melanoxylon brauna	-12.1494	-41.7714
Melanoxylon brauna	-19.9714	-40.5303
Melanoxylon brauna	-15.15	-39.0833
Melanoxylon brauna	-18.4369	-39.715
Melanoxylon brauna	-22.4333	-42.8333
Melanoxylon brauna	-19.818	-43.3219

Melanoxylon brauna	-12.05	-41.4167
Melanoxylon brauna	-14.7929	-39.0491
Melanoxylon brauna	-12.7584	-43.9509
Melanoxylon braunia	-12.7667	-44.2833
Melanoxylon brauna	-13.4667	-40.3167
Melanoxylon brauna	-13.4411	-40.4306
Melanoxylon brauna	-19.041	-43.4249
Melanoxylon brauna	-19.1382	-39.9612
Melanoxylon brauna	-13.5356	-40.1503
Melanoxylon brauna	-12.4186	-41.7703
Melanoxylon brauna	-18.0985	-39.8935
Melanoxylon brauna	-16.2781	-39.0247
Melanoxylon brauna	-16.4534	-39.0643
Melanoxylon brauna	-22.9882	-43.2789
Melanoxylon brauna	-22.972	-43.2774
Melanoxylon brauna	-15.41	-39.49
Melanoxylon brauna	-18.997	-40.1089
Melanoxylon brauna	-12.4167	-41.7667
Melanoxylon brauna	-19.9246	-43.938
Melanoxylon brauna	-23.5475	-46.6361
Melanoxylon brauna	-19.9028	-43.9602
Melanoxylon brauna	-22.5308	-43.0083
Melanoxylon brauna	-16.3333	-39.1333
Melanoxylon brauna	-20.7542	-42.8817
Melanoxylon brauna	-19.8667	-40.5333
Melanoxylon brauna	-22.4283	-42.0356
Melanoxylon brauna	-16.4497	-39.0647
Melanoxylon brauna	-18.3697	-40.1442
Melanoxylon brauna	-18.5933	-39.7322
Melanoxylon brauna	-18.985	-40.7397
Melanoxylon brauna	-18.7161	-39.8589
Melanoxylon brauna	-19.3911	-40.0722
Melanoxylon brauna	-18.7106	-40.4006

Melanoxylon brauna	-19.9208	-43.9378
Melanoxylon brauna	-21.4597	-42.9675
Melanoxylon brauna	-23.54	-46.63
Melanoxylon brauna	-11.5325	-41.1661
Melanoxylon brauna	-19.9317	-44.0536
Melanoxylon brauna	-22.1891	-42.6529
Melanoxylon brauna	-12.473	-41.7317
Melanoxylon brauna	-22.2585	-48.742
Melanoxylon brauna	-18.458	-44.6577
Melanoxylon brauna	-19.6424	-40.6642
Melanoxylon brauna	-20.2156	-42.9068
Melanoxylon brauna	-19.5394	-40.6306
Melanoxylon brauna	-18.8511	-41.9494
Melanoxylon brauna	-20.3194	-40.3378
Melanoxylon brauna	-16.2781	-39.0247
Melanoxylon brauna	-14.7856	-39.2803
Melanoxylon brauna	-20.9047	-42.0228
Melanoxylon brauna	-21.5878	-43.2656
Melanoxylon brauna	-22.57	-44.96
Melanoxylon brauna	-22.4961	-44.5633
Melanoxylon brauna	-21.5319	-42.6431
Melanoxylon brauna	-18.3658	-42.6025
Melanoxylon brauna	-19.1523	-40.0323
Melanoxylon brauna	-16.5617	-41.5033
Melanoxylon brauna	-19.9594	-43.4153
Melanoxylon brauna	-19.8261	-43.3622
Melanoxylon brauna	-22.5269	-41.945
Melanoxylon brauna	-17.1392	-41.8939
Melanoxylon brauna	-22.0417	-43.1917
Melanoxylon brauna	-22.4997	-42.7953
Melanoxylon brauna	-22.9	-47.06
Melanoxylon brauna	-19.0372	-43.425
Melanoxylon brauna	-19.8428	-42.7767

Melanoxylon brauna	-20.3778	-43.4161
Melanoxylon brauna	-19.7122	-42.7322
Melanoxylon brauna	-20.7539	-42.8819
Melanoxylon brauna	-19.8203	-40.2733
Melanoxylon brauna	-20.8489	-41.1128
Melanoxylon brauna	-20.7756	-41.6794
Melanoxylon brauna	-19.8739	-40.8753
Melanoxylon brauna	-19.6181	-44.0431
Melanoxylon brauna	-9.39833	-43.6867
Melanoxylon brauna	-22.9269	-43.4558
Melanoxylon brauna	-10.1256	-36.1756
Melanoxylon brauna	-14.8661	-40.8394
Melanoxylon brauna	-11.55	-41.1561
Melanoxylon brauna	-19.6272	-43.8897
Melanoxylon brauna	-9.3728	-36.2433
Melanoxylon brauna	-19.8019	-40.8556
Melanoxylon brauna	-18.9056	-40.0761
Melanoxylon brauna	-19.3942	-41.1703
Melanoxylon brauna	-18.2936	-43.0092
Melanoxylon brauna	-19.3597	-41.38
Melanoxylon brauna	-19.3821	-40.0289
Melanoxylon brauna	-13.4411	-40.4308
Melanoxylon brauna	-19.4208	-43.9919
Melanoxylon brauna	-19.9208	-43.9919
Melanoxylon brauna	-19.4494	-43.1125
Melanoxylon brauna	-20.7331	-42.0294
Melanoxylon brauna	-22.7856	-43.3117
Melanoxylon brauna	-18.0864	-39.5508
Melanoxylon brauna	-21.4575	-43.1253
Melanoxylon brauna	-21.7542	-41.3244
Melanoxylon brauna	-21.9336	-42.6086
Melanoxylon brauna	-22.1619	-43.2928
Melanoxylon brauna	-22.4286	-43.4186

Melanoxylon brauna	-19.0175	-40.5356
Melanoxylon brauna	-21.7642	-43.3503
Melanoxylon brauna	-21.54	-43.0106
Melanoxylon brauna	-19.9678	-44.1983
Melanoxylon brauna	-20.1433	-44.1997
Melanoxylon brauna	-19.7897	-42.1392
Melanoxylon brauna	-20.5414	-44.635
Melanoxylon brauna	-7.23417	-39.4094
Melanoxylon brauna	-21.3217	-41.1197
Melanoxylon brauna	-21.5203	-41.4394
Melanoxylon brauna	-21.3358	-41.1383
Melanoxylon brauna	-21.3581	-41.0944
Melanoxylon brauna	-21.2969	-41.0903
Melanoxylon brauna	-21.3019	-40.9614
Melanoxylon brauna	-15.5947	-39.8767
Melanoxylon brauna	-15.2933	-39.0753
Melanoxylon brauna	-11.8136	-37.6106
Melanoxylon brauna	-21.9811	-42.3681
Melanoxylon brauna	-20.3625	-43.1447
Melanoxylon brauna	-20.2875	-43.5081
Melanoxylon brauna	-20.4164	-42.9086
Melanoxylon brauna	-20.2261	-42.6508
Melanoxylon brauna	-19.1436	-40.6236
Melanoxylon brauna	-9.78111	-36.0936
Melicoccus espiritosantensis	-19.1489	-40.0712
Melicoccus espiritosantensis	-19.1761	-39.9617
Melicoccus espiritosantensis	-19.1024	-40.0147
Melicoccus espiritosantensis	-19.0965	-40.0512
Melicoccus espiritosantensis	-19.3911	-40.0722
Melicoccus espiritosantensis	-19.1456	-40.0662
Melicoccus espiritosantensis	-19.0948	-39.9597
Melicoccus espiritosantensis	-19.4	-40.07
Melicoccus espiritosantensis	-19.1969	-40.0978

Meriania calophylla	-19.9347	-40.5561
Meriania calophylla	-19.9818	-40.528
Meriania calophylla	-19.8186	-40.5997
Meriania calophylla	-20.1253	-40.6154
Meriania calophylla	-19.7836	-40.5653
Meriania calophylla	-19.9714	-40.5303
Meriania calophylla	-19.9075	-40.5531
Meriania calophylla	-19.9842	-40.5833
Meriania calophylla	-20.0274	-40.5633
Meriania calophylla	-20.1006	-40.5297
Mezilaurus navalium	-22.4092	-42.7419
Mezilaurus navalium	-22.5392	-43.4217
Mezilaurus navalium	-22.5881	-43.4683
Mezilaurus navalium	-22.4822	-42.9125
Mezilaurus navalium	-19.6424	-40.6642
Mezilaurus navalium	-20.8489	-41.1128
Mezilaurus navalium	-19.5394	-40.6306
Mezilaurus navalium	-22.5788	-43.4649
Mezilaurus navalium	-22.7592	-43.4511
Mezilaurus navalium	-22.505	-43.1786
Mezilaurus navalium	-22.4122	-42.9656
Mezilaurus navalium	-22.1891	-42.6529
Miconia capixaba	-19.9236	-40.6375
Miconia capixaba	-19.9303	-40.6014
Miconia capixaba	-19.9303	-40.6347
Miconia capixaba	-19.9714	-40.5303
Miconia capixaba	-19.9092	-40.5917
Miconia capixaba	-19.9567	-40.5436
Miconia capixaba	-19.9167	-40.6
Miconia capixaba	-20.1006	-40.5297
Miconia capixaba	-19.8778	-40.6356
Miconia capixaba	-19.9239	-40.6203
Miconia picinguabensis	-22.4302	-44.6057

Miconia picinguabensis	-23.3333	-44.8333
Miconia picinguabensis	-23.3737	-45.0815
Miconia picinguabensis	-23.3667	-44.8
Miconia picinguabensis	-23.37	-44.8
Miconia picinguabensis	-23.43	-45.07
Miconia picinguabensis	-22.4961	-44.5633
Miconia picinguabensis	-22.92	-45.46
Miconia setosociliata	-20.4908	-41.7697
Miconia setosociliata	-22.41	-42.39
Miconia setosociliata	-22.4564	-43.0056
Miconia setosociliata	-20.5194	-41.075
Miconia setosociliata	-22.4375	-44.6356
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Miconia setosociliata	-22.4594	-44.8808
Miconia setosociliata	-23.2363	-45.0256
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Miconia setosociliata	-22.5308	-43.0083
Miconia setosociliata	-22.2585	-48.742
Miconia setosociliata	-18.458	-44.6577
Miconia setosociliata	-23.43	-45.07
Miconia setosociliata	-20.635	-40.7497
Miconia setosociliata	-21.9553	-42.0081
Miconia setosociliata	-22.1891	-42.6529
Miconia setosociliata	-22.402	-43.1612
Miconia setosociliata	-20.1225	-47.3861
Miconia setosociliata	-20.2394	-47.3972
Miconia setosociliata	-23.3714	-48.9949
Miconia setosociliata	-23.3596	-48.9209
Mimosa myuros	-22.0361	-44.17
Mimosa myuros	-22.7478	-45.7425
Mimosa myuros	-22.7706	-45.9659
Mimosa myuros	-23.0526	-44.9419
Mimosa myuros	-22.7865	-45.8485

Mimosa myuros	-22.3903	-44.9667
Moldenhawera papillanthera	-18.9978	-40.1247
Moldenhawera papillanthera	-19.1633	-39.9825
Moldenhawera papillanthera	-19.1636	-39.9747
Moldenhawera papillanthera	-19.1531	-40.0706
Moldenhawera papillanthera	-19.0925	-39.915
Moldenhawera papillanthera	-19.0875	-39.905
Moldenhawera papillanthera	-19.1406	-40.0667
Moldenhawera papillanthera	-19.1486	-40.4578
Moldenhawera papillanthera	-19.2478	-40.4192
Moldenhawera papillanthera	-19.1461	-40.4578
Moldenhawera papillanthera	-19.1483	-40.4575
Moldenhawera papillanthera	-19.1419	-40.0643
Moldenhawera papillanthera	-19.0931	-39.9151
Moldenhawera papillanthera	-19.3821	-40.0289
Moldenhawera papillanthera	-18.997	-40.1089
Moldenhawera papillanthera	-19.3911	-40.0722
Mouriri arborea	-22.4661	-43.0042
Mouriri arborea	-11.4808	-41.2715
Mouriri arborea	-19.0978	-39.9689
Mouriri arborea	-19.4351	-40.0737
Mouriri arborea	-19.2233	-40.1247
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Mouriri arborea	-20.8667	-40.7667
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Mouriri arborea	-22.4822	-42.9125
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Mouriri arborea	-20.1286	-40.3078
Mouriri arborea	-20.3297	-40.2925
Mouriri arborea	-22.2819	-42.5311
Mouriri arborea	-22.9028	-43.2075
Mouriri arborea	-22.1891	-42.6529
Mouriri arborea	-19.6424	-40.6642
Mouriri arborea	-13.6869	-39.4794
Mouriri arborea	-23.0067	-44.3181
Myrceugenia bracteosa	-22.1764	-44.4728
Myrceugenia bracteosa	-23.3693	-51.2046
Myrceugenia bracteosa	-22.3664	-44.7375
Myrceugenia bracteosa	-22.2922	-44.7653
Myrceugenia bracteosa	-22.5919	-45.3028
Myrceugenia bracteosa	-22.5414	-45.1739
Myrceugenia bracteosa	-22.1314	-44.7494
Myrceugenia bracteosa	-26.4594	-49.8583
Myrceugenia bracteosa	-22.465	-43.0397
Myrceugenia bracteosa	-22.5925	-45.315
Myrceugenia bracteosa	-23.2667	-45.8833
Myrceugenia bracteosa	-22.7019	-45.3458
Myrceugenia bracteosa	-22.7653	-45.5225
Myrceugenia bracteosa	-22.3667	-44.8167
Myrceugenia bracteosa	-27.6303	-49.0494
Myrceugenia bracteosa	-22.3725	-44.8172
Myrceugenia bracteosa	-22.4049	-44.8469

Myrceugenia bracteosa	-26.2772	-49.9497
Myrceugenia bracteosa	-22.2047	-44.7675
Myrceugenia bracteosa	-26.55	-49.7708
Myrceugenia bracteosa	-26.73	-50.31
Myrceugenia bracteosa	-26.55	-49.68
Myrceugenia bracteosa	-22.0424	-44.6423
Myrceugenia bracteosa	-20.4878	-43.5604
Myrceugenia bracteosa	-20.3689	-43.5083
Myrceugenia bracteosa	-22.7553	-46.1447
Myrceugenia bracteosa	-24.5954	-50.9566
Myrceugenia bracteosa	-24.574	-50.2388
Myrceugenia bracteosa	-19.8807	-43.6698
Myrceugenia bracteosa	-22.5667	-47.55
Myrceugenia bracteosa	-22.7256	-45.4561
Myrceugenia bracteosa	-22.7257	-45.4563
Myrceugenia bracteosa	-19.8682	-43.6377
Myrceugenia bracteosa	-22.7167	-45.45
Myrceugenia bracteosa	-22.4219	-44.6291
Myrceugenia bracteosa	-22.75	-45.5
Myrceugenia bracteosa	-22.7015	-45.5331
Myrceugenia bracteosa	-22.4961	-44.5633
Myrceugenia bracteosa	-22.73	-45.59
Myrceugenia bracteosa	-19.8224	-43.6761
Myrceugenia bracteosa	-22.5092	-45.28
Myrceugenia bracteosa	-22.6905	-45.4807
Myrceugenia bracteosa	-28.3667	-49.95
Myrceugenia bracteosa	-22.2819	-42.5311
Myrceugenia bracteosa	-25.9281	-49.1989
Myrceugenia bracteosa	-24.6503	-50.8506
Myrceugenia bracteosa	-23.17	-45.88
Myrceugenia bracteosa	-25.8828	-48.5747
Myrceugenia bracteosa	-22.692	-45.4633
Myrceugenia bracteosa	-25.4417	-49.0633

Myrceugenia bracteosa	-26.4842	-51.9906
Myrceugenia bracteosa	-22.3775	-44.8178
Myrceugenia bracteosa	-22.1706	-44.6419
Myrceugenia bracteosa	-22.3806	-44.8178
Myrceugenia bracteosa	-21.9589	-44.89
Myrceugenia bracteosa	-22.2839	-44.87
Myrceugenia bracteosa	-25.3953	-51.4581
Myrceugenia bracteosa	-24.5094	-50.4136
Myrceugenia bracteosa	-24.636	-51.6269
Myrceugenia bracteosa	-24.7911	-50.0119
Myrceugenia bracteosa	-25.23	-50.6044
Myrceugenia bracteosa	-25.4672	-50.6511
Myrceugenia bracteosa	-25.5447	-49.8903
Myrceugenia bracteosa	-26.3364	-49.9064
Myrceugenia bracteosa	-22.4689	-44.4467
Myrceugenia bracteosa	-25.5347	-49.2064
Myrceugenia bracteosa	-22.1675	-44.3947
Myrceugenia bracteosa	-21.8425	-43.7931
Myrceugenia bracteosa	-19.88	-43.6697
Myrceugenia bracteosa	-28.2939	-49.9317
Myrceugenia bracteosa	-22.2585	-48.742
Myrceugenia bracteosa	-22.3903	-44.9667
Myrceugenia bracteosa	-25.2917	-49.2242
Myrceugenia bracteosa	-21.9756	-44.6031
Myrceugenia bracteosa	-23.07	-44.96
Myrceugenia bracteosa	-22.92	-45.46
Myrceugenia bracteosa	-29.0478	-50.1447
Myrceugenia bracteosa	-28.3369	-49.6247
Myrceugenia bracteosa	-26.1925	-49.2656
Myrceugenia bracteosa	-27.0247	-51.9017
Myrceugenia bracteosa	-26.4731	-51.1483
Myrceugenia brevipedicellata	-20.1547	-43.5147
Myrceugenia brevipedicellata	-22.7549	-46.145

Myrceugenia brevipedicellata	-22.7257	-45.4563
Myrceugenia brevipedicellata	-22.7256	-45.4561
Myrceugenia brevipedicellata	-22.7	-45.48
Myrceugenia brevipedicellata	-22.73	-45.59
Myrceugenia brevipedicellata	-22.75	-45.5
Myrceugenia brevipedicellata	-22.7015	-45.5331
Myrceugenia brevipedicellata	-20.5208	-43.6919
Myrceugenia brevipedicellata	-22.7553	-46.1447
Myrceugenia brevipedicellata	-22.2585	-48.742
Myrceugenia foveolata	-28.1439	-49.6292
Myrceugenia foveolata	-28.1464	-49.6133
Myrceugenia foveolata	-28.1461	-49.6133
Myrceugenia foveolata	-29.36	-49.9333
Myrceugenia foveolata	-29.7644	-50.4242
Myrceugenia foveolata	-29.3792	-49.9731
Myrceugenia foveolata	-29.3461	-49.9736
Myrceugenia foveolata	-29.1594	-49.9525
Myrceugenia foveolata	-29.1993	-50.5603
Myrceugenia foveolata	-29.4	-50.5
Myrceugenia foveolata	-29.4333	-50.3956
Myrceugenia foveolata	-29.3567	-49.7931
Myrceugenia foveolata	-29.0478	-50.1447
Myrceugenia foveolata	-29.4485	-50.5765
Myrceugenia foveolata	-29.0628	-50.1357
Myrceugenia foveolata	-29.1681	-51.1794
Myrceugenia foveolata	-29.4481	-50.5836
Myrceugenia foveolata	-29.7603	-51.1472
Myrceugenia foveolata	-29.3277	-49.8099
Myrceugenia foveolata	-29.79	-50.435
Myrceugenia foveolata	-29.675	-50.2072
Myrceugenia foveolata	-29.8175	-50.5197
Myrceugenia foveolata	-29.3353	-49.7269
Myrceugenia foveolata	-29.365	-49.9347

Myrceugenia foveolata	-29.8867	-50.2697
Myrceugenia franciscensis	-25.2409	-48.8302
Myrceugenia franciscensis	-25.4493	-48.9129
Myrceugenia franciscensis	-25.2564	-48.8421
Myrceugenia franciscensis	-25.2842	-48.8317
Myrceugenia franciscensis	-25.3505	-48.9052
Myrceugenia franciscensis	-25.0803	-48.4919
Myrceugenia franciscensis	-25.2518	-48.8174
Myrceugenia franciscensis	-25.2582	-48.8361
Myrceugenia franciscensis	-26.0203	-48.9489
Myrceugenia franciscensis	-25.1577	-48.1712
Myrceugenia franciscensis	-24.7762	-48.0536
Myrceugenia franciscensis	-25.2839	-48.8329
Myrceugenia franciscensis	-25.3056	-49.0553
Myrceugenia franciscensis	-24.11	-49.34
Myrceugenia franciscensis	-25.9007	-48.9861
Myrceugenia franciscensis	-24.2617	-49.2631
Myrceugenia franciscensis	-24.2511	-49.7058
Myrceugenia franciscensis	-25.241	-48.8287
Myrceugenia franciscensis	-25.2645	-48.8401
Myrceugenia franciscensis	-24.3313	-49.6972
Myrceugenia franciscensis	-24.3167	-47
Myrceugenia franciscensis	-25.6084	-48.8685
Myrceugenia franciscensis	-25.3686	-48.9941
Myrceugenia franciscensis	-25.4769	-48.8344
Myrceugenia franciscensis	-25.3067	-48.3289
Myrceugenia franciscensis	-24.7	-47.55
Myrceugenia franciscensis	-24.2511	-49.7058
Myrceugenia gertii	-25.4458	-49.0156
Myrceugenia gertii	-25.5806	-49.0556
Myrceugenia gertii	-25.4422	-49.0289
Myrceugenia gertii	-25.4424	-49.0291
Myrceugenia gertii	-25.4431	-49.0294

Myrceugenia gertii	-25.5386	-49.207
Myrceugenia gertii	-25.5347	-49.2064
Myrceugenia gertii	-25.7543	-49.1176
Myrceugenia gertii	-25.3667	-49.0833
Myrceugenia gertii	-25.4725	-49.0523
Myrceugenia gertii	-25.46	-48.99
Myrceugenia gertii	-25.2061	-49.115
Myrceugenia gertii	-25.3056	-49.0553
Myrceugenia gertii	-25.4417	-49.0633
Myrceugenia gertii	-25.5347	-49.2064
Myrceugenia gertii	-25.4417	-49.0633
Myrceugenia gertii	-25.2	-49.1
Myrceugenia gertii	-25.4419	-49.0631
Myrceugenia hatschbachii	-25.4581	-49.7103
Myrceugenia hatschbachii	-25.2993	-49.8918
Myrceugenia hatschbachii	-24.636	-51.6269
Myrceugenia hatschbachii	-25.7697	-49.7158
Myrceugenia hatschbachii	-26.4842	-51.9906
Myrceugenia hatschbachii	-25.4294	-50.0064
Myrceugenia hatschbachii	-24.5261	-49.9486
Myrceugenia hatschbachii	-23.7275	-50.7411
Myrceugenia hatschbachii	-28.361	-49.6526
Myrceugenia hoehnei	-27.3606	-49.4106
Myrceugenia hoehnei	-26.0501	-48.9531
Myrceugenia hoehnei	-26.0272	-48.9519
Myrceugenia hoehnei	-26.0609	-48.9545
Myrceugenia hoehnei	-26.0617	-48.9311
Myrceugenia hoehnei	-26.0508	-48.9528
Myrceugenia hoehnei	-26.0461	-48.95
Myrceugenia hoehnei	-26.0309	-48.9578
Myrceugenia hoehnei	-23.9833	-46.7333
Myrceugenia hoehnei	-23.66	-46.53
Myrceugenia hoehnei	-23.8333	-46.25

Myrceugenia hoehnei	-23.8333	-46.25
Myrceugenia hoehnei	-22.2585	-48.742
Myrceugenia hoehnei	-23.7833	-46.3167
Myrceugenia hoehnei	-23.9833	-46.7
Myrceugenia hoehnei	-22.7553	-46.1447
Myrceugenia hoehnei	-26.0267	-48.855
Myrceugenia hoehnei	-26.1925	-49.2656
Myrceugenia hoehnei	-23.54	-46.63
Myrceugenia kleinii	-23.3604	-45.1099
Myrceugenia kleinii	-24.18	-47.92
Myrceugenia kleinii	-26.8197	-48.8711
Myrceugenia kleinii	-24.7167	-47.55
Myrceugenia kleinii	-22	-42.05
Myrceugenia kleinii	-22.2819	-42.5311
Myrceugenia kleinii	-23.3	-45.0667
Myrceugenia kleinii	-24.8784	-48.2288
Myrceugenia kleinii	-25.9339	-48.9081
Myrceugenia kleinii	-27.0286	-51.1628
Myrceugenia kleinii	-26.912	-48.6623
Myrceugenia kleinii	-26.9081	-48.6617
Myrceugenia kleinii	-26.9081	-48.6617
Myrceugenia kleinii	-27.2492	-50.4974
Myrceugenia kleinii	-25.3067	-48.3289
Myrceugenia kleinii	-23.87	-47.99
Myrceugenia kleinii	-24.38	-47.92
Myrcia diaphana	-27.81	-48.7808
Myrcia diaphana	-21.9236	-46.3861
Myrcia diaphana	-24.1431	-50.3084
Myrcia diaphana	-19.9075	-40.5531
Myrcia diaphana	-23.7149	-47.0925
Myrcia diaphana	-22.25	-44.5667
Myrcia diaphana	-22.2424	-47.1648
Myrcia diaphana	-23.42	-47.6

Myrcia diaphana	-25.8828	-48.5747
Myrcia diaphana	-23.7275	-50.7411
Myrcia diaphana	-24.636	-51.6269
Myrcia diaphana	-18.458	-44.6577
Myrcia diaphana	-20.0406	-40.7461
Myrcia diaphana	-21.7878	-46.5614
Myrcia diaphana	-22.0892	-43.8278
Myrcia diaphana	-22.3722	-46.9422
Myrcia diaphana	-22.2819	-42.5311
Myrcia eugenioides	-27.0069	-48.5933
Myrcia eugenioides	-27.0061	-48.585
Myrcia eugenioides	-26.9992	-48.585
Myrcia eugenioides	-22.925	-43.1197
Myrcia eugenioides	-28.7139	-49.4111
Myrcia eugenioides	-28.1531	-49.4097
Myrcia eugenioides	-19.3186	-43.3056
Myrcia eugenioides	-28.69	-49.4319
Myrcia eugenioides	-24.1358	-47.7506
Myrcia eugenioides	-24.025	-47.4931
Myrcia eugenioides	-24.1731	-47.8603
Myrcia eugenioides	-28.1369	-49.4214
Myrcia eugenioides	-27.0536	-50.1053
Myrcia eugenioides	-28.7133	-49.3
Myrcia eugenioides	-13.1667	-39.0167
Myrcia eugenioides	-29.5858	-50.0711
Myrcia eugenioides	-26.37	-49.23
Myrcia eugenioides	-27.0922	-50.0381
Myrcia eugenioides	-27.27	-49.14
Myrcia eugenioides	-28.0806	-48.9608
Myrcia eugenioides	-28.8903	-49.3208
Myrcia eugenioides	-29.3358	-49.7272
Myrcia eugenioides	-24.6553	-47.4203
Myrcia eugenioides	-28.9281	-49.6819

Myrcia eugenioides	-28.6219	-49.4089
Myrcia eugenioides	-26.3706	-49.3203
Myrcia eugenioides	-28.9267	-49.6794
Myrcia eugenioides	-28.8481	-49.4544
Myrcia eugenioides	-28.8481	-49.4544
Myrcia eugenioides	-18.1667	-43.2833
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Myrcia eugenioides	-20.2556	-43.5786
Myrcia eugenioides	-28.7139	-49.3003
Myrcia eugenioides	-25.2061	-49.115
Myrcia eugenioides	-24.2667	-48.4167
Myrcia eugenioides	-13.5631	-39.0603
Myrcia eugenioides	-29.1986	-49.9503
Myrcia eugenioides	-16.2667	-39.0167
Myrcia eugenioides	-29.1333	-49.7
Marlierea eugenioides	-14.7819	-39.0692
Myrcia eugenioides	-26.15	-48.65
Myrcia eugenioides	-22.4333	-42.8333
Myrcia eugenioides	-28.7481	-49.4725
Marlierea eugenioides	-14.3667	-39.0667
Myrcia eugenioides	-24.25	-46.9333
Myrcia eugenioides	-25.4769	-48.8344
Myrcia eugenioides	-22.92	-43.12
Myrcia eugenioides	-22.9242	-43.1194
Myrcia eugenioides	-27.0569	-49.5178
Myrcia eugenioides	-22.92	-42.5103
Myrcia eugenioides	-29.3353	-49.7269
Myrcia eugenioides	-14.7889	-39.0494
Calyptranthes fusiformis	-22.4964	-42.9137
Calyptranthes fusiformis	-22.9656	-43.2456
Calyptranthes fusiformis	-23.7697	-46.2831
Calyptranthes fusiformis	-23.3736	-45.0819
Calyptranthes fusiformis	-23.3738	-45.0823

Calyptranthes fusiformis	-23.3735	-45.0802
Calyptranthes fusiformis	-23.3664	-45.0842
Calyptranthes fusiformis	-24.8833	-47.9167
Calyptranthes fusiformis	-22.9597	-44.0406
Calyptranthes fusiformis	-23.5833	-46
Myrcia fusiformis	-22.9667	-43.2667
Myrcia fusiformis	-23.57	-46.03
Myrcia fusiformis	-23.53	-45.84
Myrcia fusiformis	-22.9028	-43.2075
Myrcia gilsoniana	-19.074	-39.9617
Myrcia gilsoniana	-19.1352	-40.0587
Myrcia gilsoniana	-13.9169	-39.4622
Myrcia gilsoniana	-19.0741	-39.9638
Myrcia gilsoniana	-19.3911	-40.0722
Myrcia hexasticha	-25.0922	-47.9292
Myrcia hexasticha	-22.5308	-42.3478
Myrcia hexasticha	-21.4117	-42.0331
Myrcia hexasticha	-25.6736	-48.5111
Myrcia hexasticha	-24.6667	-47.7833
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Myrcia hexasticha	-25.01	-47.92
Myrcia hexasticha	-24	-51
Myrcia hexasticha	-25.6192	-48.4208
Myrcia hexasticha	-22.4822	-42.9125
Myrcia hexasticha	-24.546	-47.4732
Myrcia hexasticha	-19.6424	-40.6642
Myrcia hexasticha	-25.6193	-48.4209
Myrcia hexasticha	-25.8175	-48.5428
Myrcia hexasticha	-25.52	-48.5092
Myrcia hexasticha	-24.7	-47.55
Myrcia hexasticha	-25.3067	-48.3289
Myrcia hexasticha	-21.3756	-41.9181

Myrcia hexasticha	-21.0422	-41.9733
Myrcia hexasticha	-24.18	-46.78
Myrcia isaiana	-25	-48
Myrcia isaiana	-24.8486	-48.6664
Myrcia isaiana	-25.5133	-48.3138
Myrcia isaiana	-8.43433	-36.9621
Myrcia isaiana	-21.8703	-41.9403
Myrcia isaiana	-13.3197	-39.7803
Myrcia isaiana	-16.1994	-39.0603
Myrcia isaiana	-24.5706	-48.6686
Myrcia isaiana	-25.6439	-48.6047
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Myrcia isaiana	-8.5555	-37.1162
Myrcia isaiana	-18.3661	-40.1625
Myrcia isaiana	-25.08	-47.93
Myrcia isaiana	-24.3083	-48.4103
Myrcia isaiana	-16.4192	-39.2022
Myrcia isaiana	-16.5	-39.25
Myrcia isaiana	-25.6042	-48.4753
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Myrcia isaiana	-26.0049	-48.7033
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Myrcia isaiana	-8.18733	-36.4018
Myrcia isaiana	-8.18722	-36.4178
Myrcia isaiana	-16.87	-39.2034
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Myrcia isaiana	-19.3911	-40.0722
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Myrcia isaiana	-25.0013	-48.3994
Myrcia isaiana	-25.816	-48.7749

Myrcia isaiana	-24.3667	-47.0333
Myrcia isaiana	-25.2033	-48.3769
Myrcia isaiana	-25.0142	-47.9202
Myrcia isaiana	-25.591	-48.589
Myrcia isaiana	-24.636	-51.6269
Myrcia isaiana	-25.52	-48.5092
Myrcia isaiana	-25.01	-47.92
Myrcia isaiana	-19.3911	-40.0722
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Myrcia isaiana	-25.8828	-48.5747
Myrcia isaiana	-21.9553	-42.0081
Myrcia isaiana	-8.35778	-36.6964
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Myrcia isaiana	-22.2585	-48.742
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Myrcia isaiana	-18.5933	-39.7322
Myrcia isaiana	-25.8175	-48.5428
Myrcia isaiana	-24.7	-47.55
Myrcia isaiana	-20.6667	-42.5208
Myrcia isaiana	-23.07	-44.96
Myrcia isaiana	-13.9447	-39.1039
Myrcia isaiana	-27.138	-48.517
Myrcia legrandii	-27.82	-48.9044
Myrcia legrandii	-22.9389	-42.9633
Calyptranthes obovata	-22.4386	-42.5044
Calyptranthes obovata	-22.4381	-42.5258
Calyptranthes obovata	-24.0725	-47.9839
Calyptranthes obovata	-25.2365	-48.8396
Calyptranthes obovata	-25.2564	-48.8421
Calyptranthes obovata	-24.5652	-50.2588
Myrcia legrandii	-25.9016	-49.1124
Myrcia legrandii	-26.73	-49.4997
Myrcia legrandii	-26.1003	-49.0497

Calyptranthes obovata	-21.7097	-43.8849
Calyptranthes obovata	-25.116	-48.9362
Calyptranthes obovata	-25.3887	-49.0036
Calyptranthes obovata	-22	-42.05
Myrcia legrandii	-25.1369	-48.8289
Calyptranthes obovata	-22.9667	-43.0167
Calyptranthes obovata	-25.5386	-49.207
Myrcia legrandii	-25.6644	-49.0948
Myrcia legrandii	-27.721	-48.666
Myrcia legrandii	-27.549	-48.4742
Myrcia legrandii	-27.7193	-48.5502
Myrcia legrandii	-25.816	-48.7749
Myrcia legrandii	-25.5765	-48.3675
Myrcia legrandii	-25.5184	-48.8562
Myrcia legrandii	-25.1865	-48.8442
Calyptranthes obovata	-22	-42.5
Calyptranthes obovata	-22.37	-42.75
Calyptranthes obovata	-22.4822	-42.9125
Calyptranthes obovata	-22.4381	-42.5258
Calyptranthes obovata	-22.5308	-43.0083
Myrcia legrandii	-22.1891	-42.6529
Myrcia legrandii	-26.0267	-48.855
Myrcia legrandii	-25.3656	-49.0769
Myrcia magnifolia	-22.5453	-42.2964
Myrcia magnifolia	-22.5	-42.25
Myrcia magnifolia	0.833333	-66.1333
Myrcia magnifolia	0.916667	-66.2667
Myrcia magnifolia	0.833333	-66.0833
Myrcia magnifolia	-10.4057	-36.4372
Myrcia neocambessedeana	-23.3661	-45.0842
Myrcia neocambessedeana	-23.3664	-45.0842
Myrcia neocambessedeana	-22.5	-42.25
Myrcia neocambessedeana	-14.1642	-39.3736

Myrcia pileata	-27.9867	-49.2883
Myrcia pileata	-26.2961	-49.3897
Myrcia pileata	-26.2939	-49.3889
Calyptranthes pileata	-23.8389	-46.74
Myrcia pileata	-26.2781	-49.2283
Myrcia pileata	-25.7628	-49.1026
Calyptranthes pileata	-23.3604	-45.1099
Calyptranthes pileata	-23.4339	-45.0711
Calyptranthes pileata	-27.2636	-49.0269
Myrcia pileata	-26.1017	-49.05
Calyptranthes pileata	-23.4	-45.1833
Calyptranthes pileata	-25.3686	-48.9941
Calyptranthes pileata	-25.4808	-48.8348
Calyptranthes pileata	-27.0273	-49.1277
Calyptranthes pileata	-27.6767	-49.0223
Calyptranthes pileata	-23.3722	-45.0897
Myrcia pileata	-25.3656	-49.0769
Myrcia pileata	-26.9194	-49.0661
Myrcia pileata	-26.0267	-48.855
Myrcia pileata	-26.55	-49.68
Myrcia pileata	-27.0858	-48.9811
Myrcia plusiantha	-25.5958	-48.7064
Myrcia plusiantha	-25.3067	-48.3289
Myrcia plusiantha	-25.1597	-48.293
Myrcia plusiantha	-22.5681	-43.3975
Myrcia plusiantha	-22.4569	-42.9986
Myrcia plusiantha	-25.1589	-48.2928
Myrcia plusiantha	-20.6036	-41.1847
Myrcia plusiantha	-22.4364	-42.0262
Myrcia plusiantha	-19.9019	-40.5492
Myrcia plusiantha	-22.9719	-43.2541
Myrcia plusiantha	-22.4353	-42.5222
Myrcia plusiantha	-22.3758	-42.5019

Myrcia plusiantha	-19.3821	-40.0289
Myrcia plusiantha	-19.1919	-39.9758
Myrcia plusiantha	-18.9558	-40.8014
Myrcia plusiantha	-18.8714	-40.8128
Myrcia plusiantha	-18.907	-40.7347
Myrcia plusiantha	-18.8756	-40.8144
Myrcia plusiantha	-18.9756	-40.7694
Myrcia plusiantha	-20.0454	-40.6961
Myrcia plusiantha	-19.9714	-40.5303
Myrcia plusiantha	-19.9514	-40.5564
Myrcia plusiantha	-20.0265	-40.7075
Myrcia plusiantha	-14.7058	-39.6033
Myrcia plusiantha	-24.7564	-48.5047
Myrcia plusiantha	-22.4572	-42.9969
Myrcia plusiantha	-19.9075	-40.5531
Myrcia plusiantha	-20.0135	-40.9111
Myrcia plusiantha	-20.0433	-40.6972
Myrcia plusiantha	-19.9064	-40.5597
Myrcia plusiantha	-23.9891	-46.7754
Myrcia plusiantha	-19.9361	-40.5069
Myrcia plusiantha	-19.8447	-40.5419
Myrcia plusiantha	-19.9167	-40.6
Myrcia plusiantha	-19.8472	-40.5483
Myrcia plusiantha	-19.9311	-40.6833
Myrcia plusiantha	-22.4268	-42.0567
Myrcia plusiantha	-22	-42.05
Myrcia plusiantha	-25.082	-47.9269
Myrcia plusiantha	-19.0883	-39.907
Myrcia plusiantha	-22.55	-42.5
Myrcia plusiantha	-25.2061	-49.115
Myrcia plusiantha	-25.01	-47.92
Myrcia plusiantha	-22.7335	-44.3344
Myrcia plusiantha	-23.3	-45.0667

Myrcia plusiantha	-23.25	-44.9333
Myrcia plusiantha	-22.4219	-44.6291
Myrcia plusiantha	-22.1891	-42.6529
Myrcia plusiantha	-22.32	-42.33
Myrcia plusiantha	-15.1598	-39.0391
Myrcia plusiantha	-24.9624	-48.4149
Myrcia plusiantha	-25.3656	-49.0769
Myrcia plusiantha	-23.0526	-44.9419
Myrcia plusiantha	-22.9028	-43.2075
Myrcia plusiantha	-25.2917	-49.2242
Myrcia plusiantha	-19.6424	-40.6642
Myrcia plusiantha	-19.3911	-40.0722
Myrcia plusiantha	-22.2819	-42.5311
Myrcia plusiantha	-22.2585	-48.742
Myrcia plusiantha	-22.7592	-43.4511
Myrcia plusiantha	-24.18	-46.78
Myrcia plusiantha	-20.0406	-40.7461
Myrcia plusiantha	-20.8083	-42.0297
Myrcia plusiantha	-22.5269	-41.945
Myrcia plusiantha	-21.8469	-41.7969
Myrcia plusiantha	-20.62	-41.6858
Myrcia restingae	-15.3392	-39.0092
Myrcia restingae	-17.3172	-39.2428
Myrcia restingae	-12.7667	-38.9167
Calyptranthes restingae	-15.2722	-39.0514
Calyptranthes restingae	-14.9753	-39.0147
Calyptranthes restingae	-16.3959	-39.0499
Calyptranthes restingae	-14.7462	-39.1961
Calyptranthes restingae	-14.1031	-39.0147
Calyptranthes restingae	-15.8631	-38.8828
Myrcia restingae	-12.473	-41.7317
Myrcia restingae	-14.7889	-39.0494
Myrcia restingae	-16.4497	-39.0647

Myrcia riodocensis	-18.9978	-40.1247
Myrcia riodocensis	-19.1364	-40.0578
Myrcia riodocensis	-19.3481	-40.5586
Myrcia riodocensis	-19.3911	-40.0722
Myrcia riodocensis	-19.3893	-40.0645
Myrcia riodocensis	-19.0883	-39.907
Myrcia riodocensis	-19.3911	-40.0722
Myrcia rupicola	-20.0431	-43.6847
Myrcia rupicola	-20.1058	-43.6708
Myrcia rupicola	-26.0147	-49.0136
Myrcia rupicola	-23.5961	-47.135
Myrcia rupicola	-27.54	-49.86
Myrcia rupicola	-27.72	-50.76
Myrcia rupicola	-26.1003	-49.0497
Myrcia rupicola	-26.0675	-48.9392
Myrcia rupicola	-26.0267	-48.855
Myrcia rupicola	-25.5153	-48.9817
Myrcia rupicola	-28.5985	-50.4232
Myrcia rupicola	-22.2469	-44.65
Myrcia rupicola	-26.124	-49.2251
Myrcia rupicola	-25.8828	-48.5747
Myrcia rupicola	-23.07	-44.96
Myrcia rupicola	-23.2394	-45.0047
Myrcia rupicola	-25.3447	-48.9124
Myrcia rupicola	-25.6644	-49.0948
Myrcia rupicola	-25.5184	-48.8562
Myrcia rupicola	-25.4769	-48.8344
Myrcia rupicola	-26.2433	-48.6381
Myrcia rupicola	-25.9203	-48.9947
Myrcia rupicola	-26.1925	-49.2656
Myrcia rupicola	-21.8608	-43.9372
Myrcia rupicola	-22.0892	-43.8278
Myrcia rupicola	-20.2875	-43.5081

Myrcia skortzoviana	-23.66	-46.53
Myrcia subacuminata	-22.5392	-43.4217
Myrcia subacuminata	-22.9661	-43.2559
Myrcia subacuminata	-18.9044	-43.4331
Myrcia subacuminata	-22.5778	-43.1558
Myrcia subacuminata	-22.4608	-43.0097
Myrcia subacuminata	-19.639	-39.8883
Myrcia subacuminata	-19.9311	-40.6178
Myrcia subacuminata	-19.9142	-40.4722
Myrcia subacuminata	-19.1433	-40.0028
Myrcia subacuminata	-23.87	-47.99
Myrcia subacuminata	-28.9281	-49.6819
Myrcia subacuminata	-22.27	-42.52
Myrcia subacuminata	-22.7592	-43.4511
Myrciaria plinioides	-28.1383	-49.2528
Myrciaria plinioides	-28.3389	-49.1472
Myrciaria plinioides	-26.8864	-49.1969
Myrciaria plinioides	-29.6725	-51.0119
Myrciaria plinioides	-26.9431	-49.3789
Myrciaria plinioides	-28.6706	-49.0061
Myrciaria plinioides	-28.9794	-49.8592
Myrciaria plinioides	-27.0894	-49.8575
Myrciaria plinioides	-28.5511	-50.0586
Myrciaria plinioides	-29.7518	-51.1192
Myrciaria plinioides	-28.2447	-51.4325
Myrciaria plinioides	-29.4475	-49.9208
Myrciaria plinioides	-28.2603	-49.4994
Myrciaria plinioides	-27.3608	-49.5031
Myrciaria plinioides	-28.7081	-49.5886
Myrciaria plinioides	-28.71	-49.77
Myrciaria plinioides	-28.62	-49.59
Myrciaria plinioides	-26.73	-50.04
Myrciaria plinioides	-29.6467	-50.1328

Myrciaria plinioides	-29.6717	-51.0122
Myrciaria plinioides	-29.5997	-50.9356
Myrciaria plinioides	-29.4808	-50.1744
Myrciaria plinioides	-29.6833	-50.85
Myrciaria plinioides	-29.3928	-50.6922
Myrciaria plinioides	-29.5853	-50.0708
Myrciaria plinioides	-29.7374	-53.3171
Myrciaria plinioides	-29.675	-50.2072
Myrciaria plinioides	-29.6886	-51.4611
Myrciaria plinioides	-29.6506	-50.7806
Myrciaria plinioides	-27.5967	-48.5492
Myrciaria plinioides	-29.3277	-49.8099
Myrciaria plinioides	-27.5861	-48.4858
Myrciaria plinioides	-27.1955	-49.6298
Myrciaria plinioides	-27.2492	-50.4974
Myrciaria plinioides	-28.8006	-49.7208
Myrciaria plinioides	-28.5978	-49.4244
Myrciaria plinioides	-27.2142	-49.6431
Myrciaria plinioides	-29.1139	-49.6167
Myrciaria plinioides	-29.9444	-50.9919
Myrciaria plinioides	-29.8175	-50.5197
Myrciaria plinioides	-28.4825	-48.7808
Myrciaria plinioides	-28.3589	-49.2914
Myrciaria plinioides	-27.7003	-49.3336
Myrciaria plinioides	-29.365	-49.9347
Myrciaria plinioides	-29.3694	-49.8497
Myrciaria plinioides	-29.1681	-51.1794
Myrciaria plinioides	-29.3353	-49.7269
Nectandra barbellata	-24.8911	-48.2061
Nectandra barbellata	-23.6394	-46.7269
Nectandra barbellata	-23.2333	-45.0167
Nectandra barbellata	-23.4592	-46.6339
Nectandra barbellata	-23.7144	-46.9597

Nectandra barbellata	-23.7155	-47.0729
Nectandra barbellata	-23.35	-45.125
Nectandra barbellata	-23.7251	-47.063
Nectandra barbellata	-24.7938	-48.4669
Nectandra barbellata	-20.3458	-41.5356
Nectandra barbellata	-20.3702	-41.2671
Nectandra barbellata	-23.6545	-46.6219
Nectandra barbellata	-23.6461	-46.6184
Nectandra barbellata	-24.11	-47.5536
Nectandra barbellata	-22.8233	-46.8105
Nectandra barbellata	-22.2585	-48.742
Nectandra barbellata	-22.7553	-46.1447
Nectandra barbellata	-23.11	-46.55
Nectandra barbellata	-22.43	-46.95
Nectandra barbellata	-23.54	-46.63
Nectandra barbellata	-22.4319	-42.5272
Nectandra barbellata	-20.3397	-41.1347
Nectandra barbellata	-22.73	-45.59
Nectandra barbellata	-20.3458	-41.5358
Nectandra barbellata	-19.6424	-40.6642
Nectandra barbellata	-23.6631	-46.7725
Nectandra barbellata	-24.6572	-48.9911
Nectandra barbellata	-26.1925	-49.2656
Nectandra barbellata	-22.9	-47.06
Nectandra barbellata	-23.83	-46.81
Nectandra barbellata	-23.77	-45.35
Nectandra barbellata	-23.54	-46.93
Nectandra barbellata	-23.05	-46.35
Nectandra barbellata	-23.5565	-46.6338
Nectandra barbellata	-23.6504	-46.648
Nectandra barbellata	-23.6	-46.91
Nectandra barbellata	-23.87	-47.99
Nectandra barbellata	-20.3683	-41.2439

Nectandra barbellata	-23.2833	-45.05
Nectandra barbellata	-23.6625	-46.7738
Nectandra barbellata	-23.7155	-47.0729
Nectandra barbellata	-23.738	-47.0624
Nectandra barbellata	-23.715	-47.0877
Nectandra barbellata	-23.6958	-46.9568
Nectandra barbellata	-23.7149	-47.0925
Nectandra barbellata	-23.7017	-47.081
Nectandra barbellata	-23.7083	-47.0721
Nectandra barbellata	-23.71	-46.84
Nectandra barbellata	-24.09	-48.36
Nectandra paranaensis	-25.5914	-48.8889
Nectandra paranaensis	-24.055	-47.5839
Nectandra paranaensis	-24.8189	-48.6411
Nectandra paranaensis	-24.8908	-48.2308
Nectandra paranaensis	-25.4233	-48.9653
Nectandra paranaensis	-24.8189	-48.6411
Nectandra paranaensis	-25.0692	-48.7983
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Nectandra paranaensis	-24.8528	-48.6951
Nectandra paranaensis	-24.4072	-52.0425
Nectandra paranaensis	-22.3578	-47.5403
Nectandra paranaensis	-22.5967	-52.8669
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Nectandra paranaensis	-24.5858	-48.5928
Nectandra paranaensis	-25.4267	-48.9455
Nectandra paranaensis	-24.25	-46.9333
Nectandra paranaensis	-25.3056	-49.0553
Nectandra paranaensis	-25.1865	-48.8442
Nectandra paranaensis	-25.1369	-48.8289
Nectandra paranaensis	-25.4808	-48.8348
Nectandra paranaensis	-25.0281	-50.5849
Nectandra paranaensis	-25.43	-48.94

Nectandra paranaensis	-25.5184	-48.8562
Nectandra paranaensis	-24.636	-51.6269
Nectandra paranaensis	-25.4769	-48.8344
Nectandra paranaensis	-25.5955	-48.7864
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Nectandra paranaensis	-24.6572	-48.9911
Nectandra paranaensis	-24.38	-47.92
Nectandra paranaensis	-25.5347	-49.2064
Nectandra paranaensis	-23.96	-47.5
Nectandra paranaensis	-22.41	-47.56
Neomitranthes amblymitra	-22.4583	-43.0022
Neomitranthes amblymitra	-22.5506	-44.0833
Neomitranthes amblymitra	-22.5214	-43.2306
Neomitranthes amblymitra	-22.4122	-42.9656
Neomitranthes amblymitra	-22.67	-44.44
Neomitranthes amblymitra	-22.1891	-42.6529
Neomitranthes amblymitra	-22.3139	-42.8737
Neomitranthes amblymitra	-23.0067	-44.3181
Neomitranthes cordifolia	-28.6317	-49.5075
Neomitranthes cordifolia	-28.3814	-49.3642
Neomitranthes cordifolia	-28.6728	-49.6758
Neomitranthes cordifolia	-28.6291	-49.5152
Neomitranthes cordifolia	-29.711	-50.685
Neomitranthes cordifolia	-28.6219	-49.4089
Neomitranthes cordifolia	-29.2503	-49.8606
Neomitranthes cordifolia	-29.3167	-49.9214
Neomitranthes cordifolia	-28.7092	-49.4092
Neomitranthes cordifolia	-28.8472	-49.4531
Neomitranthes cordifolia	-26.1208	-48.6164
Neomitranthes cordifolia	-28.9267	-49.6794
Neomitranthes cordifolia	-28.864	-49.4566
Neomitranthes cordifolia	-26.1169	-48.6161
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Neomitranthes cordifolia	-26.12	-48.62
Neomitranthes cordifolia	-25.5184	-48.8562
Neomitranthes cordifolia	-25.591	-48.589
Neomitranthes cordifolia	-29.12	-49.67
Neomitranthes cordifolia	-29.1139	-49.6167
Neomitranthes cordifolia	-27.6495	-48.6684
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Neomitranthes cordifolia	-29.3353	-49.7269
Neomitranthes cordifolia	-27.3147	-48.5592
Neomitranthes cordifolia	-29.3694	-49.8497
Neomitranthes cordifolia	-29.365	-49.9347
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Neomitranthes gracilis	-22.4114	-47.5614
Neomitranthes gracilis	-23.9833	-46.7
Neomitranthes gracilis	-20.6667	-48.15
Neomitranthes gracilis	-20.6858	-42.6197
Neomitranthes gracilis	-21.93	-46.71
Neomitranthes gracilis	-22.1	-48.31
Neomitranthes gracilis	-23.5508	-51.4608
Neomitranthes gracilis	-22.41	-47.56
Neomitranthes gracilis	-23.3103	-51.1628
Neomitranthes obtusa	-12.5742	-38.009
Neomitranthes obtusa	-16.6044	-39.0939
Neomitranthes obtusa	-12.5764	-37.9978
Neomitranthes obtusa	-12.92	-38.3183
Neomitranthes obtusa	-12.5647	-38.0375
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Neomitranthes obtusa	-10.7378	-36.8558
Neomitranthes obtusa	-20.5581	-40.405

Neomitranthes obtusa	-11.2664	-37.2706
Neomitranthes obtusa	-17.7444	-39.3086
Neomitranthes obtusa	-18.4167	-39.7397
Neomitranthes obtusa	-18.4	-39.7028
Neomitranthes obtusa	-18.4206	-39.7192
Neomitranthes obtusa	-14.42	-39.08
Neomitranthes obtusa	-10.2019	-36.5
Neomitranthes obtusa	-10.4758	-36.5
Neomitranthes obtusa	-20.6025	-40.4257
Neomitranthes obtusa	-17.7436	-39.2878
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Neomitranthes obtusa	-20.434	-40.3786
Neomitranthes obtusa	-14.4997	-39.115
Neomitranthes obtusa	-10.2258	-36.2853
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Neomitranthes obtusa	-12.1333	-38.4333
Neomitranthes obtusa	-10.9089	-37.0386
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Neomitranthes obtusa	-15.1988	-39.0328
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Neomitranthes obtusa	-20.66	-40.51
Neomitranthes obtusa	-10.1842	-36.4972
Neomitranthes obtusa	-20.5456	-40.3864
Neomitranthes obtusa	-20.5849	-40.5472
Neomitranthes obtusa	-20.658	-40.511
Neomitranthes obtusa	-10.7378	-36.8561
Neomitranthes obtusa	-20.6581	-40.5111
Neomitranthes obtusa	-12.5303	-38.2992
Neomitranthes obtusa	-20.8058	-40.6456
Neomitranthes obtusa	-20.3297	-40.2925
Neomitranthes obtusa	-13.5464	-42.4914
Neomitranthes obtusa	-20.8797	-41.7228
Neomitranthes obtusa	-17.7319	-39.2658

Neomitranthes obtusa	-15.2933	-39.0753
Neomitranthes obtusa	-12.473	-41.7317
Neomitranthes pedicellata	-22.5267	-45.2664
Neomitranthes pedicellata	-22.7753	-46.4417
Neomitranthes pedicellata	-23.6461	-46.6184
Neomitranthes pedicellata	-23.6419	-46.6207
Neomitranthes pedicellata	-22.79	-46.44
Neomitranthes pedicellata	-23.54	-46.63
Neomitranthes stictophylla	-19.1534	-40.0705
Neomitranthes stictophylla	-19.1197	-39.9431
Neomitranthes stictophylla	-19.1194	-39.9431
Neomitranthes stictophylla	-18.2625	-39.805
Neomitranthes stictophylla	-19.1192	-39.9428
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Neomitranthes stictophylla	-8.18722	-36.4178
Neomitranthes stictophylla	-15.1667	-39.5833
Neomitranthes stictophylla	-15.15	-39.0833
Neomitranthes stictophylla	-19.3911	-40.0722
Neomitranthes stictophylla	-24.38	-47.92
Ocotea basicordatifolia	-23.4667	-45.5
Ocotea basicordatifolia	-23.75	-45.3
Ocotea basicordatifolia	-23.6639	-46.5301
Ocotea basicordatifolia	-23.7139	-46.4101
Ocotea basicordatifolia	-23.66	-46.53
Ocotea basicordatifolia	-22.2585	-48.742
Ocotea beulahiae	-19.1601	-40.062
Ocotea beulahiae	-19.0951	-39.9597
Ocotea beulahiae	-19.0883	-39.907
Ocotea beulahiae	-19.1423	-40.0688
Ocotea beulahiae	-19.0762	-39.9536
Ocotea beulahiae	-22.8153	-47.1156
Ocotea beulahiae	-22.8331	-46.9261
Ocotea beulahiae	-22.8333	-46.9167

Ocotea beulahiae	-22.9056	-47.0608
Ocotea beulahiae	-22.8703	-47.0772
Ocotea beulahiae	-22.8167	-46.9167
Ocotea beulahiae	-22.9	-46.9
Ocotea beulahiae	-22.7833	-46.9333
Ocotea beulahiae	-22.7833	-47
Ocotea beulahiae	-23.5833	-46.7
Ocotea beulahiae	-19.265	-40.3333
Ocotea beulahiae	-22.9056	-47.0658
Ocotea beulahiae	-19.3911	-40.0722
Ocotea beulahiae	-22.2585	-48.742
Ocotea beulahiae	-22.9	-47.06
Ocotea beulahiae	-22.801	-47.0423
Ocotea beulahiae	-22.35	-47.38
Ocotea beulahiae	-22.7	-46.76
Ocotea beulahiae	-21.6	-48.36
Ocotea beulahiae	-20.3633	-40.6592
Ocotea beyrichii	-22.3929	-42.4961
Ocotea beyrichii	-19.4319	-43.4329
Ocotea beyrichii	-23.3735	-45.0802
Ocotea eichleri	-22.5308	-43.0083
Ocotea eichleri	-22.2858	-42.5309
Ocotea eichleri	-22.5315	-42.6474
Ocotea eichleri	-23	-43.3167
Ocotea beyrichii	-23.43	-45.07
Ocotea beyrichii	-20.1294	-41.2986
Ocotea beyrichii	-19.1722	-42.6786
Ocotea beyrichii	-22.2819	-42.5311
Ocotea bragai	-24.8486	-48.6668
Ocotea bragai	-24.6847	-48.5804
Ocotea bragai	-23.4011	-46.6092
Ocotea bragai	-23.7495	-47.0548
Ocotea bragai	-23.1019	-47.7147

Ocotea bragai	-22	-42.05
Ocotea bragai	-22.2819	-42.5311
Ocotea bragai	-23.31	-46.58
Ocotea bragai	-23.54	-46.63
Ocotea bragai	-22.726	-47.7827
Ocotea bragai	-26.0267	-48.855
Ocotea bragai	-23.87	-47.99
Ocotea bragai	-22.2585	-48.742
Ocotea confertiflora	-19.6969	-39.9319
Ocotea confertiflora	-21.7972	-41.4481
Ocotea confertiflora	-21.7969	-41.4478
Ocotea confertiflora	-20.2667	-40.2664
Ocotea confertiflora	-18.3697	-40.1442
Ocotea confertiflora	-21.0989	-41.0467
Ocotea confertiflora	-22.1891	-42.6529
Ocotea confertiflora	-22.7925	-42.1197
Ocotea confertiflora	-20.3297	-40.2925
Ocotea confertiflora	-19.3911	-40.0722
Ocotea confertiflora	-22.8392	-42.1028
Ocotea confertiflora	-19.6424	-40.6642
Ocotea confertiflora	-19.8203	-40.2733
Ocotea confertiflora	-20.8489	-41.1128
Ocotea confertiflora	-20.1286	-40.3078
Ocotea cryptocarpa	-19.9697	-40.5364
Ocotea cryptocarpa	-19.9714	-40.5303
Ocotea cryptocarpa	-20.1023	-40.7157
Ocotea cryptocarpa	-19.9819	-40.6458
Ocotea cryptocarpa	-19.9506	-40.5344
Ocotea cryptocarpa	-19.8922	-40.4742
Ocotea cryptocarpa	-19.9699	-40.5316
Ocotea cryptocarpa	-19.6424	-40.6642
Ocotea cryptocarpa	-19.8778	-40.6356
Ocotea felix	-20.0453	-40.6961

Ocotea felix	-23.8356	-46.735
Ocotea felix	-19.8167	-43.6667
Ocotea felix	-23.54	-46.63
Ocotea felix	-17.9467	-43.225
Ocotea felix	-20.2875	-43.5081
Ocotea felix	-19.88	-43.6697
Ocotea felix	-23.9	-46.7744
Ocotea odorifera	-18.7811	-43.5817
Ocotea odorifera	-20.1178	-43.9458
Ocotea odorifera	-20.0425	-43.6864
Ocotea odorifera	-25.7631	-49.1348
Ocotea odorifera	-22.7356	-46.1118
Ocotea odorifera	-21.7037	-43.8852
Ocotea odorifera	-26.9406	-49.5619
Ocotea odorifera	-22.8703	-47.0772
Ocotea odorifera	-25.8008	-50.3967
Ocotea odorifera	-25.9981	-49.0608
Ocotea odorifera	-25.5794	-48.9189
Ocotea odorifera	-25.6647	-49.1205
Ocotea odorifera	-27.7194	-48.6642
Ocotea odorifera	-26.2264	-49.0561
Ocotea odorifera	-26.3703	-50.22
Ocotea odorifera	-26.1906	-50.4911
Ocotea odorifera	-26.0061	-51.6473
Ocotea odorifera	-20.2908	-43.2665
Ocotea odorifera	-27.3333	-49.9011
Ocotea odorifera	-27.54	-49.7706
Ocotea odorifera	-20.0883	-43.7053
Ocotea odorifera	-25.6078	-48.9469
Ocotea odorifera	-28.44	-48.87
Ocotea odorifera	-26.3247	-50.2161
Ocotea odorifera	-19.7508	-42.48
Ocotea odorifera	-25.6197	-54.4264

Ocotea odorifera	-24.7803	-51.7489
Ocotea odorifera	-24.7786	-51.7478
Ocotea odorifera	-26.0853	-51.8919
Ocotea odorifera	-25.3874	-49.2608
Ocotea odorifera	-25.302	-49.0553
Ocotea odorifera	-22.47	-44.5103
Ocotea odorifera	-25.3836	-49.2821
Ocotea odorifera	-24.8197	-48.6372
Ocotea odorifera	-20.6578	-44.0415
Ocotea odorifera	-22.3986	-44.8528
Ocotea odorifera	-21.1843	-43.8571
Ocotea odorifera	-24.84	-49.5
Ocotea odorifera	-24.8875	-48.7653
Ocotea odorifera	-28.8	-49.86
Ocotea odorifera	-20.4928	-41.7469
Ocotea odorifera	-24.0706	-47.9861
Ocotea odorifera	-25.215	-50.9483
Ocotea odorifera	-21.2286	-44.9633
Ocotea odorifera	-22.5267	-45.2664
Ocotea odorifera	-25.3276	-49.5084
Ocotea odorifera	-27.0003	-49.14
Ocotea odorifera	-21.5261	-41.8878
Ocotea odorifera	-25.1473	-49.9571
Ocotea odorifera	-25.7628	-49.1026
Ocotea odorifera	-25.7628	-49.1025
Ocotea odorifera	-25.8506	-48.9878
Ocotea odorifera	-25.8506	-48.9878
Ocotea odorifera	-25.9078	-51.3858
Ocotea odorifera	-23.96	-47.5
Ocotea odorifera	-25.802	-49.0651
Ocotea odorifera	-25.8003	-49.0673
Ocotea odorifera	-25.7913	-49.0754
Ocotea odorifera	-23.6419	-46.6142

Ocotea odorifera	-25.4499	-49.0145
Ocotea odorifera	-18.0042	-43.3908
Ocotea odorifera	-19.4931	-43.4653
Ocotea odorifera	-19.4567	-43.4619
Ocotea odorifera	-19.0025	-43.1942
Ocotea odorifera	-22.356	-44.8028
Ocotea odorifera	-20.3115	-40.4936
Ocotea odorifera	-24.1614	-49.6588
Ocotea odorifera	-25.2319	-49.9911
Ocotea odorifera	-25.2321	-49.9913
Ocotea odorifera	-25.2325	-49.9911
Ocotea odorifera	-29.4375	-49.9181
Ocotea odorifera	-22.3842	-42.5633
Ocotea odorifera	-22.3694	-42.5564
Ocotea odorifera	-23.5892	-45.5403
Ocotea odorifera	-15.1717	-39.3611
Ocotea odorifera	-19.7903	-43.8997
Ocotea odorifera	-19.9367	-40.6879
Ocotea odorifera	-29.4741	-49.9632
Ocotea odorifera	-20.7956	-42.8472
Ocotea odorifera	-20.8	-42.85
Ocotea odorifera	-25.4781	-49.2881
Ocotea odorifera	-29.7561	-50.8736
Ocotea odorifera	-27.6303	-49.0494
Ocotea odorifera	-27.1803	-49.3936
Ocotea odorifera	-27.5403	-48.6894
Ocotea odorifera	-22.5553	-47.4592
Ocotea odorifera	-28.17	-49.3222
Ocotea odorifera	-27.4506	-49.05
Ocotea odorifera	-20.1111	-43.8933
Ocotea odorifera	-23.6192	-45.5261
Ocotea odorifera	-22.5558	-43.4589
Ocotea odorifera	-26.1931	-50.3842

Ocotea odorifera	-25.2981	-49.1464
Ocotea odorifera	-27.1792	-49.4022
Ocotea odorifera	-21.4022	-48.6872
Ocotea odorifera	-25.4394	-48.9161
Ocotea odorifera	-19.8053	-42.5214
Ocotea odorifera	-22.9567	-46.9319
Ocotea odorifera	-29.3694	-49.8497
Ocotea odorifera	-19.285	-43.3333
Ocotea odorifera	-26.9097	-49.4978
Ocotea odorifera	-28.7108	-49.4994
Ocotea odorifera	-27.1825	-50.2178
Ocotea odorifera	-21.4389	-42.9378
Ocotea odorifera	-19.4319	-43.4329
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Ocotea odorifera	-22.6386	-44.6614
Ocotea odorifera	-24.1017	-52.3157
Ocotea odorifera	-23.9367	-47.6953
Ocotea odorifera	-29.3674	-49.8555
Ocotea odorifera	-24.8583	-48.7178
Ocotea odorifera	-21.7167	-43.8833
Ocotea odorifera	-22.9228	-42.8331
Ocotea odorifera	-19.57	-42.0897
Ocotea odorifera	-23.4734	-50.232
Ocotea odorifera	-25.75	-49.05
Ocotea odorifera	-23.367	-45.0835
Ocotea odorifera	-26.4597	-50.4892
Ocotea odorifera	-20.5433	-42.9864
Ocotea odorifera	-19.3964	-43.4021
Ocotea odorifera	-27.0411	-49.5483
Ocotea odorifera	-21.1161	-45.4733
Ocotea odorifera	-24.6135	-47.8802
Ocotea odorifera	-22.8333	-46.9167
Ocotea odorifera	-29.3586	-49.7395

Ocotea odorifera	-21.7078	-43.8836
Ocotea odorifera	-20.1506	-40.4486
Ocotea odorifera	-21.7018	-43.8843
Ocotea odorifera	-22.801	-47.0423
Ocotea odorifera	-20.3811	-45.6504
Ocotea odorifera	-19.7253	-42.4264
Ocotea odorifera	-23.2319	-46.965
Ocotea odorifera	-28.1922	-48.7055
Ocotea odorifera	-19.7058	-42.6149
Ocotea odorifera	-19.9075	-40.5531
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Ocotea odorifera	-27.0567	-49.0878
Ocotea odorifera	-22.9167	-46.8667
Ocotea odorifera	-23.6898	-47.0924
Ocotea odorifera	-22.7553	-46.1447
Ocotea odorifera	-22.3519	-42.3519
Ocotea odorifera	-22.25	-44.5667
Ocotea odorifera	-21.4597	-42.9675
Ocotea odorifera	-22.5708	-43.4689
Ocotea odorifera	-21.3167	-44.9833
Ocotea odorifera	-20.9241	-47.0064
Ocotea odorifera	-29.3833	-49.8387
Ocotea odorifera	-27.5875	-51.6739
Ocotea odorifera	-22.8167	-46.9167
Ocotea odorifera	-22.7833	-46.9333
Ocotea odorifera	-22.9	-46.9
Ocotea odorifera	-22.9167	-46.8833
Ocotea odorifera	-22.8667	-46.8667
Ocotea odorifera	-22.9	-46.85
Ocotea odorifera	-22.7317	-46.0082
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Ocotea odorifera	-22.5	-42.25

Ocotea odorifera	-22.5194	-43.2333
Ocotea odorifera	-22.55	-43.2667
Ocotea odorifera	-23.1119	-46.928
Ocotea odorifera	-28.9353	-49.4861
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Ocotea odorifera	-24.6083	-47.885
Ocotea odorifera	-22.9028	-43.2075
Ocotea odorifera	-25.2917	-49.2242
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Ocotea odorifera	-20.2453	-46.3658
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Ocotea odorifera	-25.3056	-49.0553
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Ocotea odorifera	-25.42	-49.98
Ocotea odorifera	-20.7667	-42.0333
Ocotea odorifera	-28.8472	-49.4531
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Ocotea odorifera	-27.483	-51.9629
Ocotea odorifera	-22	-42.05
Ocotea odorifera	-29.1972	-49.9506
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Ocotea odorifera	-22.8667	-46.0833
Ocotea odorifera	-22.8667	-45.0833
Ocotea odorifera	-26.885	-49.0975
Ocotea odorifera	-21.4167	-46.25
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Ocotea odorifera	-25.4951	-48.9805
Ocotea odorifera	-19.9061	-40.6019

Ocotea odorifera	-19.6667	-41.8333
Ocotea odorifera	-22.657	-43.0408
Ocotea odorifera	-22.4333	-42.8333
Ocotea odorifera	-22.718	-43.0175
Ocotea odorifera	-19.67	-41.83
Ocotea odorifera	-24.83	-49.17
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Ocotea odorifera	-25.6872	-50.2979
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Ocotea odorifera	-22.23	-45.9364
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Ocotea odorifera	-23.7274	-52.6269
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Ocotea odorifera	-23.7357	-53.5919
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Ocotea odorifera	-22.56	-47.4

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Ocotea odorifera	-25.0769	-49.3476
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Ocotea odorifera	-25.239	-49.9965
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Ocotea odorifera	-25.4027	-49.5831
Ocotea odorifera	-25.4834	-48.9834
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Ocotea odorifera	-19.6424	-40.6642
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Ocotea odorifera	-21.0781	-47.0483
Ocotea odorifera	-21.2453	-44.9997
Ocotea odorifera	-21.3264	-46.3675
Ocotea odorifera	-21.1897	-46.9803
Ocotea odorifera	-25.5347	-49.2064
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Ocotea odorifera	-22.9	-47.06
Ocotea odorifera	-22.64	-47.19
Ocotea odorifera	-22.76	-47.15
Ocotea odorifera	-22.74	-46.9
Ocotea odorifera	-25.4586	-49.5283
Ocotea odorifera	-19.3911	-40.0722
Ocotea odorifera	-22.8847	-43.5333
Ocotea odorifera	-23.0478	-43.5364
Ocotea odorifera	-22.4097	-42.0297
Ocotea odorifera	-22.4097	-42.75
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Ocotea odorifera	-25.6833	-50.2972
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Ocotea odorifera	-27.2772	-49.3903
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Ocotea odorifera	-24.71	-47.88
Ocotea odorifera	-20.2261	-42.6508
Ocotea odorifera	-29.4556	-49.9244
Ocotea odorifera	-22.4539	-43.4689
Ocotea odorifera	-26.9194	-49.0661

Ocotea odorifera	-26.2433	-48.6381
Ocotea odorifera	-27.2992	-49.7903
Ocotea odorifera	-23.31	-46.58
Ocotea odorifera	-27.2492	-50.4974
Ocotea odorifera	-20.2453	-46.3658
Ocotea odorifera	-22.2585	-48.742
Ocotea odorifera	-20.7539	-42.8819
Ocotea odorifera	-22.73	-45.59
Ocotea odorifera	-23.64	-46.85
Ocotea odorifera	-23.77	-45.35
Ocotea odorifera	-24.18	-46.78
Ocotea odorifera	-22.3722	-46.9422
Ocotea odorifera	-23.69	-46.56
Ocotea odorifera	-20.2333	-42.5061
Ocotea odorifera	-22.56	-42.9103
Ocotea odorifera	-22.2436	-44.6581
Ocotea odorifera	-22.5369	-42.9094
Ocotea odorifera	-21.8522	-45.2958
Ocotea odorifera	-22.6528	-43.0406
Ocotea odorifera	-19.9678	-44.1983
Ocotea odorifera	-20.9047	-42.0228
Ocotea odorifera	-20.4333	-41.8683
Ocotea odorifera	-20.7256	-42.2789
Ocotea odorifera	-21.7642	-43.3503
Ocotea odorifera	-19.7122	-42.7322
Ocotea odorifera	-21.0103	-42.8406
Ocotea odorifera	-23.43	-45.07
Ocotea odorifera	-21.9683	-45.3483
Ocotea odorifera	-22.9033	-43.2078
Ocotea odorifera	-20.8489	-41.1128
Ocotea odorifera	-20.7756	-41.6794
Ocotea odorifera	-27.4617	-51.9064
Ocotea odorifera	-22.1891	-42.6529

Ocotea odorifera	-21.9236	-46.3861
Ocotea odorifera	-27.5967	-48.5492
Ocotea odorifera	-25.4133	-50.5475
Ocotea odorifera	-25.4672	-50.6511
Ocotea odorifera	-25.6206	-50.6928
Ocotea odorifera	-25.3683	-50.4606
Ocotea odorifera	-21.9761	-44.6033
Ocotea odorifera	-21.2453	-44.9994
Ocotea odorifera	-21.0331	-44.7581
Ocotea odorifera	-21.4597	-42.9675
Ocotea odorifera	-19.4144	-43.3211
Ocotea odorifera	-22.2839	-44.87
Ocotea odorifera	-21.8425	-43.7931
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Ocotea odorifera	-21.4686	-44.1961
Ocotea odorifera	-21.7878	-46.5614
Ocotea odorifera	-21.1103	-44.1781
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Ocotea odorifera	-22.59	-46.52
Ocotea odorifera	-26.2381	-51.0783
Ocotea odorifera	-24.1128	-49.4636
Ocotea odorifera	-26.23	-51.0864
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Ocotea odorifera	-20.6153	-46.05
Ocotea odorifera	-21.5878	-43.2656
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Ocotea odorifera	-19.1689	-43.7144
Ocotea odorifera	-21.5628	-43.9147
Ocotea odorifera	-22.2819	-42.5311
Ocotea odorifera	-29.5514	-49.8889

Ocotea odorifera	-27.2142	-49.6431
Ocotea odorifera	-24.9744	-49.0858
Ocotea odorifera	-29.7374	-53.3171
Ocotea odorifera	-27.6342	-52.2739
Ocotea odorifera	-21.7222	-44.9853
Ocotea odorifera	-24.32	-46.99
Ocotea odorifera	-29.675	-50.2072
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Ocotea odorifera	-29.9433	-51.7181
Ocotea odorifera	-28.9361	-51.5494
Ocotea odorifera	-28.3589	-49.2914
Ocotea odorifera	-24.11	-49.34
Ocotea odorifera	-20.7617	-45.9175
Ocotea odorifera	-22.72	-47.64
Ocotea odorifera	-23.87	-47.99
Ocotea odorifera	-22.7856	-43.3117
Ocotea odorifera	-20.9169	-46.9914
Ocotea odorifera	-21.4567	-43.5525
Ocotea odorifera	-27.6892	-51.13
Ocotea odorifera	-27.1758	-51.7336
Ocotea odorifera	-19.9208	-43.9378
Ocotea odorifera	-19.5578	-44.0814
Ocotea odorifera	-20.2875	-43.5081
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Ocotea odorifera	-22.01	-47.89
Ocotea odorifera	-24.0553	-47.9931
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Ocotea odorifera	-22.9081	-46.9149
Ocotea odorifera	-22.7945	-46.9372
Ocotea odorifera	-22.832	-46.9164
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Ocotea odorifera	-23.5874	-46.7025
Ocotea odorifera	-23.3667	-46.4333
Ocotea odorifera	-23.75	-47.0553
Ocotea odorifera	-23.7679	-47.0457
Ocotea odorifera	-23.7245	-47.0722
Ocotea odorifera	-23.7154	-47.1137
Ocotea odorifera	-23.6898	-47.0924
Ocotea odorifera	-23.7001	-49.6109
Ocotea odorifera	-27.7972	-49.4892
Ocotea odorifera	-28.3928	-49.3967
Ocotea odorifera	-20.2447	-42.8958
Ocotea odorifera	-27.6453	-48.6678
Ocotea odorifera	-22.7	-46.76
Ocotea odorifera	-22.35	-47.38
Ocotea odorifera	-23.89	-46.42
Ocotea odorifera	-22.19	-46.74
Ocotea odorifera	-25.2919	-49.2242
Ocotea odorifera	-25.2833	-49.2167
Ocotea odorifera	-25.4667	-50.65
Ocotea odorifera	-19.5757	-43.285
Ocotea odorifera	-20.6708	-44.0656
Ocotea odorifera	-20.9144	-44.0783
Ocotea odorifera	-21.4575	-43.1253
Ocotea odorifera	-21.1356	-44.2617
Ocotea odorifera	-27.0858	-48.9811
Ocotea odorifera	-27.3919	-49.3558
Ocotea odorifera	-25.8678	-50.3842
Ocotea odorifera	-26.1772	-50.39
Ocotea odorifera	-21.09	-45.5658
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Ocotea odorifera	-14.1642	-39.3736
Ocotea odorifera	-23.0067	-44.3181
Ocotea odorifera	-23.53	-45.84
Ocotea odorifera	-29.3694	-49.8497
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Ocotea serrana	-23.7747	-46.3048
Ocotea serrana	-23.7922	-46.4069
Ocotea serrana	-23.6504	-46.648
Ocotea serrana	-23.9833	-46.7333
Ocotea serrana	-24.2309	-46.9223
Ocotea serrana	-23.9878	-46.7333
Ocotea serrana	-23.9911	-46.7433
Ocotea serrana	-23.9869	-46.7522
Ocotea serrana	-23.9891	-46.7754
Ocotea serrana	-23.9833	-46.7
Ocotea serrana	-23.54	-46.63
Ocotea serrana	-23.66	-46.53
Ocotea serrana	-23.9868	-46.7402
Ocotea serrana	-23.9938	-46.7334
Ocotea serrana	-23.9884	-46.7566
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Ocotea serrana	-23.9814	-46.7366
Ocotea serrana	-23.9853	-46.7431
Ocotea serrana	-23.9921	-46.7428
Ocotea serrana	-23.69	-46.56
Ocotea tabacifolia	-13.2314	-39.06
Ocotea tabacifolia	-13.1133	-38.8956
Ocotea tabacifolia	-20.2208	-43.5297
Ocotea tabacifolia	-19.0484	-43.3879
Ocotea tabacifolia	-19.9173	-43.3233
Ocotea tabacifolia	-19.9172	-43.3233
Ocotea tabacifolia	-19.2678	-43.2566
Ocotea tabacifolia	-19.6265	-43.3955

Ocotea tabacifolia	-14.7603	-40.3197
Ocotea tabacifolia	-24.0644	-47.9744
Ocotea tabacifolia	-9.44056	-64.7833
Ocotea tabacifolia	-2.86467	-69.8135
Ocotea tabacifolia	-9.43889	-64.7764
Ocotea tabacifolia	-10.8968	-68.364
Ocotea tabacifolia	-20.4319	-43.4889
Ocotea tabacifolia	-23.3733	-45.0819
Ocotea tabacifolia	-15.3917	-39.5653
Ocotea tabacifolia	-23.3735	-45.0802
Ocotea tabacifolia	-24.0675	-47.9689
Ocotea tabacifolia	-14.7703	-39.2028
Ocotea tabacifolia	-24.5528	-48
Ocotea tabacifolia	-20.1236	-43.4704
Ocotea tabacifolia	-24.0622	-47.9869
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Ocotea tabacifolia	-23.87	-47.99
Ocotea tabacifolia	-20.4081	-43.5069
Ocotea tabacifolia	-22.55	-43.2667
Ocotea tabacifolia	-2.88333	-59.9667
Ocotea tabacifolia	-2.88333	-59.9667
Ocotea tabacifolia	-2.95	-59.95
Ocotea tabacifolia	-22	-42.05
Ocotea tabacifolia	-24.4839	-47.8405
Ocotea tabacifolia	-19.1	-43.1667
Ocotea tabacifolia	-24.144	-47.9898
Ocotea tabacifolia	-2.88333	-59.97
Ocotea tabacifolia	-3.1019	-60.025
Ocotea tabacifolia	-22.2858	-42.5309
Ocotea tabacifolia	-10.8339	-52.8731
Ocotea tabacifolia	-18.9421	-43.5052
Ocotea tabacifolia	-23.914	-47.9936
Ocotea tabacifolia	-22.5308	-43.0083

Ocotea tabacifolia	-4.18224	-64.6985
Ocotea tabacifolia	-24.58	-48.59
Ocotea tabacifolia	-21.24	-42.12
Ocotea tabacifolia	-22.7592	-43.4511
Ocotea tabacifolia	-22.2552	-46.3843
Ocotea tabacifolia	-24.0687	-47.9716
Ocotea tabacifolia	-14.1642	-39.3736
Ocotea tabacifolia	-20.2875	-43.5081
Ocotea tabacifolia	-18.458	-44.6577
Ocotea tabacifolia	-24.38	-47.92
Ocotea tabacifolia	-22.2819	-42.5311
Ocotea tabacifolia	-8.95	-63.4
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Ocotea tabacifolia	-14.86	-39.6597
Ocotea tabacifolia	-19.1689	-43.7144
Ocotea tabacifolia	-23.2178	-44.7131
Ocotea tabacifolia	-22.4122	-42.9656
Ocotea tabacifolia	-24.2006	-47.8733
Ocotea tabacifolia	-23.3736	-45.0819
Ocotea tabacifolia	-20.3778	-43.4161
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Ocotea tabacifolia	-23.1	-48.25
Panopsis multiflora	-22.9631	-43.2706
Panopsis multiflora	-22.9622	-43.2561
Panopsis multiflora	-19.01	-43.3974
Panopsis multiflora	-14.46	-39.32
Panopsis multiflora	-18.4489	-43.351
Panopsis multiflora	-22.9558	-43.2745
Panopsis multiflora	-22.9733	-43.2493
Panopsis multiflora	-22.9518	-43.2121
Panopsis multiflora	-22.9631	-43.2706
Panopsis multiflora	-22.5308	-43.0083

Panopsis multiflora	-23.7781	-46.3044
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Panopsis multiflora	-22.1891	-42.6529
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Paratecoma peroba	-21.2967	-41.0903
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Paratecoma peroba	-19.5394	-40.6306
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Parinari brasiliensis	-25.4669	-48.6994
Parinari brasiliensis	-19.9739	-40.5358
Parinari brasiliensis	-22.9631	-43.2644
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Parinari brasiliensis	-22.9364	-43.2356
Parinari brasiliensis	-19.1918	-43.2558
Parinari brasiliensis	-19.3911	-40.0722
Parinari brasiliensis	-22.9342	-43.2156
Parinari brasiliensis	-22.9211	-43.3047
Parinari brasiliensis	-19.1967	-43.2519

Parinari brasiliensis	-19.4497	-39.7417
Parinari brasiliensis	-19.1969	-40.0978
Parinari brasiliensis	-26.19	-48.69
Parinari brasiliensis	-15.1783	-39.3358
Parinari brasiliensis	-23.367	-45.0835
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Parinari brasiliensis	-23.7611	-47.0917
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Parinari brasiliensis	-24.6083	-47.8769
Parinari brasiliensis	-23.3167	-44.65
Parinari brasiliensis	-22.5	-42.25
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Parinari brasiliensis	-22.6531	-43.0406
Parinari brasiliensis	-22.9739	-43.2753
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Parinari brasiliensis	-22.973	-43.2495
Parinari brasiliensis	-22.9719	-43.2775
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Parinari brasiliensis	-23.8544	-46.1383
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Parinari brasiliensis	-23.5797	-45.8429
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Parinari brasiliensis	-19.5	-43.37
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Parinari brasiliensis	-25.4767	-48.8861
Parinari brasiliensis	-25.4768	-48.8859
Parinari brasiliensis	-22.9028	-43.2075
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Parinari brasiliensis	-19.5825	-42.6444
Parinari brasiliensis	-22.1891	-42.6529
Parinari brasiliensis	-22.505	-43.1786
Parinari brasiliensis	-23.96	-46.33
Parinari brasiliensis	-17.6358	-39.3414
Parinari brasiliensis	-24.7	-47.55
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Paubrasilia echinata	-19.1517	-40.0822
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Paubrasilia echinata	-22.9447	-43.0997
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Paubrasilia echinata	-20.2781	-40.3022
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Paubrasilia echinata	-16.2077	-39.0104
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Paubrasilia echinata	-26.1347	-49.0067
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Paubrasilia echinata	-22.9842	-43.6383
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Paubrasilia echinata	-7.92	-35.28
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Paubrasilia echinata	-24.0493	-52.3734
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Paubrasilia echinata	-22.9633	-43.1631
Paubrasilia echinata	-22.9636	-43.1617
Paubrasilia echinata	-22.7539	-41.9969
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Paubrasilia echinata	-14.2731	-39.4889
Paubrasilia echinata	-16.9761	-39.5714
Paubrasilia echinata	-22.8969	-42.8425
Paubrasilia echinata	-22.8967	-42.8422
Paubrasilia echinata	-15.1475	-39.7219
Paubrasilia echinata	-23.4036	-51.9372
Paubrasilia echinata	-23.4625	-46.6308
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Plinia silvestris	-23.54	-46.63
Plinia silvestris	-24.38	-47.92
Pouteria bapeba	-22.395	-42.735
Pouteria bapeba	-21.9719	-41.9478
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Pouteria bapeba	-19.9075	-40.5531
Pouteria bapeba	-13.9448	-40.1094
Pouteria bapeba	-19.9222	-40.5892
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Pouteria bapeba	-19.0779	-39.8893
Pouteria bapeba	-16.2781	-39.0247
Pouteria bapeba	-16.3333	-39.1333
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Pouteria bapeba	-14.4231	-39.0617
Pouteria bapeba	-19.3911	-40.0722
Pouteria bapeba	-19.6424	-40.6642
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Pouteria bapeba	-14.1372	-39.7339

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Pouteria bullata	-25.8819	-48.9431
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Pouteria bullata	-23.7611	-47.0917
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Pouteria bullata	-23.87	-47.99
Pouteria bullata	-24.7564	-48.5047
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Pouteria bullata	-22.1891	-42.6529
Pouteria bullata	-19.3911	-40.0722
Pouteria bullata	-22.2585	-48.742
Pouteria bullata	-25.2061	-49.115
Pouteria bullata	-24.27	-47.23
Pouteria bullata	-23.54	-46.63
Pouteria bullata	-18.5933	-39.7322
Pouteria bullata	-19.8203	-40.2733
Pouteria bullata	-22.9028	-43.2075
Pouteria bullata	-19.7575	-40.3856
Pouteria bullata	-21.2969	-41.0903
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Pouteria butyrocarpa	-14.65	-39.2211
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Pouteria butyrocarpa	-13.7333	-39.0239
Pouteria butyrocarpa	-14.4167	-39.0833
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Pouteria butyrocarpa	-19.6424	-40.6642
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Pouteria butyrocarpa	-11	-42
Pouteria butyrocarpa	-14.2622	-39.0239
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Pradosia kuhlmannii	-22.7203	-42.1222
Pradosia kuhlmannii	-22.4014	-42.7364
Pradosia kuhlmannii	-15.2972	-39.1953
Pradosia kuhlmannii	-15.715	-39.3647
Pradosia kuhlmannii	-22.9665	-43.2247
Pradosia kuhlmannii	-15.4254	-39.42
Pradosia kuhlmannii	-15.43	-39.42
Pradosia kuhlmannii	-15.3958	-39.5661
Pradosia kuhlmannii	-14.7067	-39.1544
Pradosia kuhlmannii	-14.735	-39.6794
Pradosia kuhlmannii	-16.2667	-39.0167
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Pradosia kuhlmannii	-16.3833	-39.1333
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Pradosia kuhlmannii	-22.8392	-42.1028
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Pradosia kuhlmannii	-22.9691	-43.2393
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Psidium myrtoides	-15.9706	-47.9553

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Psidium myrtoides	-12.9	-46.95
Psidium myrtoides	-13.4531	-40.4644
Psidium myrtoides	-19.9731	-40.5939
Psidium myrtoides	-19.8472	-40.5483
Psidium myrtoides	-19.9314	-40.6075
Psidium myrtoides	-21.0428	-49.3772
Psidium myrtoides	-15.8667	-48
Psidium myrtoides	-15.7811	-47.7972
Psidium myrtoides	-19.9333	-40.59
Psidium myrtoides	-13.8667	-44.45
Psidium myrtoides	-10.75	-47.9667
Psidium myrtoides	-15.8333	-48.0333
Psidium myrtoides	-11.0333	-47.4667

Psidium myrtoides	-11.7808	-44.9142
Psidium myrtoides	-9.73333	-45.3833
Psidium myrtoides	-8.43333	-45.8
Psidium myrtoides	-9.2	-46.05
Psidium myrtoides	-6.66667	-44.2
Psidium myrtoides	-9.75	-48.35
Psidium myrtoides	-13.7764	-47.2647
Psidium myrtoides	-12.9	-51.8667
Psidium myrtoides	-10.4333	-48.3
Psidium myrtoides	-11.7167	-49.1167
Psidium myrtoides	-23.5333	-46.6167
Psidium myrtoides	-15.3544	-45.0019
Psidium myrtoides	-11.4333	-48.8833
Psidium myrtoides	-19.8682	-43.6377
Psidium myrtoides	-14.5675	-48.9575
Psidium myrtoides	-8.63333	-46.7167
Psidium myrtoides	-8.63333	-46.7167
Psidium myrtoides	-16.75	-47.6667
Psidium myrtoides	-20.3833	-56.5167
Psidium myrtoides	-7.58333	-46.0833
Psidium myrtoides	-13.9333	-48.2833
Psidium myrtoides	-23.9	-46.7744
Psidium myrtoides	-22.3583	-44.6583
Psidium myrtoides	-14.0664	-48.3992
Psidium myrtoides	-19.9333	-43.4
Psidium myrtoides	-19.4	-43.3167
Psidium myrtoides	-11.45	-46
Psidium myrtoides	-14.4886	-48.5572
Psidium myrtoides	-15.7	-48.25
Psidium myrtoides	-15.9167	-48.0167
Psidium myrtoides	-22.3148	-49.0618
Psidium myrtoides	-24.0687	-47.9716
Psidium myrtoides	-17	-48.2167

Psidium myrtoides	-14.1167	-47.2833
Psidium myrtoides	-6.55	-47.8
Psidium myrtoides	-19.3893	-40.0646
Psidium myrtoides	-19.1689	-43.7144
Psidium myrtoides	-10.7081	-48.4172
Psidium myrtoides	-14.2	-48.0667
Psidium myrtoides	-13.2	-48.0667
Psidium myrtoides	-14.1667	-48.3667
Psidium myrtoides	-14.4667	-48.45
Psidium myrtoides	-13.3	-41.8
Psidium myrtoides	-13.3433	-44.6367
Psidium myrtoides	-22.9056	-47.0608
Psidium myrtoides	-13	-45.75
Psidium myrtoides	-25.7129	-48.9762
Psidium myrtoides	-15.8833	-47.9333
Psidium myrtoides	-15.1333	-46.7667
Psidium myrtoides	-18.4333	-43.6833
Psidium myrtoides	-18.4333	-43.6833
Psidium myrtoides	-13.5	-40.5
Psidium myrtoides	-23.5833	-46
Psidium myrtoides	-23.7253	-49.9625
Psidium myrtoides	-19.9256	-40.6356
Psidium myrtoides	-15.95	-47.9
Psidium myrtoides	-15.4375	-47.5625
Psidium myrtoides	-15.7797	-47.9297
Psidium myrtoides	-16.0333	-47.65
Psidium myrtoides	-18.25	-43.6
Psidium myrtoides	-19.2	-43.7
Psidium myrtoides	-18.458	-44.6577
Psidium myrtoides	-16.7209	-47.6045
Psidium myrtoides	-14.1167	-47.5
Psidium myrtoides	-15.8111	-47.969
Psidium myrtoides	-14.4739	-48.4597

Psidium myrtoides	-7.38333	-45.0833
Psidium myrtoides	-23.5333	-45.85
Psidium myrtoides	-22.2858	-42.5309
Psidium myrtoides	-6.88333	-39.2
Psidium myrtoides	-6.88	-39.2
Psidium myrtoides	-22.4822	-42.9125
Psidium myrtoides	-23.6436	-46.625
Psidium myrtoides	-23.0333	-48.1833
Psidium myrtoides	-19.8778	-40.6356
Psidium myrtoides	-18.8864	-39.8767
Psidium myrtoides	-22.8547	-46.3183
Psidium myrtoides	-25.4278	-49.2731
Psidium myrtoides	-22.7647	-43.6947
Psidium myrtoides	-22.765	-43.6947
Psidium myrtoides	-22.7653	-43.6947
Psidium myrtoides	-18.2494	-43.6003
Psidium myrtoides	-22.72	-47.64
Psidium myrtoides	-23.87	-47.99
Psidium myrtoides	-20.1006	-40.5297
Psidium myrtoides	-19.9239	-40.6203
Psidium myrtoides	-21.8608	-43.9372
Psidium myrtoides	-23.54	-46.63
Psidium myrtoides	-23.38	-45.66
Psidium myrtoides	-19.3911	-40.0722
Psidium myrtoides	-19.34	-43.3258
Psidium myrtoides	-22.9	-47.06
Psidium myrtoides	-23.07	-44.96
Psidium myrtoides	-23.46	-46.53
Psidium myrtoides	-7.23417	-39.4094
Psidium myrtoides	-23.11	-46.55
Psidium myrtoides	-20.3633	-40.6592
Psidium myrtoides	-21.0111	-40.8339
Psidium myrtoides	-20.4128	-40.6831

Psidium myrtoides	-20.1147	-40.5317
Psidium myrtoides	-20.0406	-40.7461
Psidium myrtoides	-19.9317	-40.5958
Psidium myrtoides	-19.9361	-40.5069
Psidium myrtoides	-19.9222	-40.5892
Psidium myrtoides	-20.3297	-40.2925
Psidium myrtoides	-20.3194	-40.3378
Psidium myrtoides	-21.7542	-41.3244
Psidium myrtoides	-22.9028	-43.2075
Psidium myrtoides	-7.5825	-39.2981
Psidium myrtoides	-15.7667	-47.8833
Psidium myrtoides	-9.98111	-48.3169
Psidium myrtoides	-10.5025	-48.6633
Psidium myrtoides	-10.1669	-48.2544
Psidium myrtoides	-10.7081	-48.4172
Psidium myrtoides	-11.6278	-46.8206
Psidium myrtoides	-18.3733	-40.8306
Psidium myrtoides	-19.225	-40.8514
Psidium myrtoides	-25.5931	-49.4103
Psidium myrtoides	-22.2585	-48.742
Psidium myrtoides	-16.0444	-49.6233
Psidium myrtoides	-29.365	-49.9347
Psidium myrtoides	-19.1969	-40.0978
Psidium myrtoides	-19.3111	-46.0489
Psidium myrtoides	-22.66	-50.41
Psidium myrtoides	-21.5472	-45.7375
Psidium myrtoides	-22.3722	-46.9422
Psidium myrtoides	-22.6	-46.91
Psidium myrtoides	-21.25	-48.32
Psidium myrtoides	-21.4597	-42.9675
Psidium myrtoides	-22.0892	-43.8278
Psidium myrtoides	-21.2453	-44.9997
Psidium myrtoides	-20.7331	-42.0294

Psidium myrtoides	-20.8083	-42.0297
Psidium myrtoides	-21.5547	-41.2042
Psidium myrtoides	-22.4961	-44.5633
Psidium myrtoides	-15.4881	-44.3617
Psidium myrtoides	-22.4167	-47.75
Psidium myrtoides	-23.9	-46.7744
Psidium myrtoides	-29.675	-50.2072
Psidium myrtoides	-27.5967	-48.5492
Psidium myrtoides	-23.57	-46.03
Psidium myrtoides	-22.3197	-42.5016
Psidium myrtoides	-18.1658	-47.9464
Psidium myrtoides	-15.5961	-56.0967
Qualea magna	-14.4167	-39.0833
Qualea magna	-16.4534	-39.0643
Qualea magna	-19.1382	-39.9612
Qualea magna	-19.3949	-40.0719
Qualea magna	-16.3333	-39.1333
Qualea magna	-19.8667	-40.5333
Qualea magna	-19.6424	-40.6642
Qualea magna	-19.3911	-40.0722
Qualea magna	-19.265	-40.3333
Recordia reitzii	-28.4835	-49.553
Recordia reitzii	-28.5631	-49.65
Recordia reitzii	-28.1383	-49.2528
Recordia reitzii	-28.35	-49.4997
Recordia reitzii	-29.3794	-49.9753
Recordia reitzii	-28.5703	-49.4536
Recordia reitzii	-28.8114	-49.9278
Recordia reitzii	-28.9794	-49.8592
Recordia reitzii	-29.8712	-50.1893
Recordia reitzii	-29.8817	-50.2872
Recordia reitzii	-28.3878	-49.5036
Recordia reitzii	-29.8551	-50.2236

Recordia reitzii	-29.3694	-49.8497
Recordia reitzii	-28.1722	-49.4958
Recordia reitzii	-28.0569	-49.3558
Recordia reitzii	-28.185	-49.2147
Recordia reitzii	-28.8717	-49.7636
Recordia reitzii	-28.3903	-49.5156
Recordia reitzii	-29.6525	-50.1278
Recordia reitzii	-28.6725	-49.3733
Recordia reitzii	-29.1972	-49.9506
Recordia reitzii	-28.3933	-49.3969
Recordia reitzii	-28.8011	-49.7217
Recordia reitzii	-29.8869	-50.2694
Recordia reitzii	-29.3358	-49.7272
Recordia reitzii	-29.3353	-49.7267
Recordia reitzii	-27.5967	-48.5492
Rinorea ramiziana	-22.7244	-42.1244
Rinorea ramiziana	-18.3522	-39.8485
Rinorea ramiziana	-21.7972	-41.4481
Rinorea ramiziana	-20.303	-40.3089
Rinorea ramiziana	-20.3297	-40.2925
Rinorea ramiziana	-18.9056	-40.0761
Rinorea ramiziana	-19.3911	-40.0722
Rinorea ramiziana	-21.7542	-41.3244
Rinorea ramiziana	-21.0422	-41.9733
Rinorea ramiziana	-19.8019	-40.8556
Riodocea pulcherrima	-19.3911	-40.0722
Riodocea pulcherrima	-21.7972	-41.4481
Riodocea pulcherrima	-15.3939	-39.5572
Riodocea pulcherrima	-19.6622	-40.1589
Riodocea pulcherrima	-16.3833	-39.1333
Riodocea pulcherrima	-19.3911	-40.0722
Riodocea pulcherrima	-20.55	-40.45
Riodocea pulcherrima	-19.45	-40.0983

Riodocea pulcherrima	-19.4514	-40.0814
Riodocea pulcherrima	-19.8203	-40.2733
Riodocea pulcherrima	-16.2781	-39.0247
Riodocea pulcherrima	-19.6424	-40.6642
Roupala sculpta	-23.6504	-46.648
Roupala sculpta	-22.5	-42.25
Roupala sculpta	-23.642	-46.622
Roupala sculpta	-22.657	-43.0408
Roupala sculpta	-23.6419	-46.6207
Roupala sculpta	-23.54	-46.63
Roupala sculpta	-23.5442	-46.6304
Roupala sculpta	-23.6556	-46.6237
Roupala sculpta	-22.6531	-43.0406
Roupala sculpta	-22.2585	-48.742
Roupala sculpta	-23.0067	-44.3181
Roupala sculpta	-23.87	-47.99
Simira grazielae	-19.1518	-40.0563
Simira grazielae	-18.7825	-40.4358
Simira grazielae	-19.3949	-40.0719
Simira grazielae	-19.8667	-40.5333
Simira grazielae	-18.2661	-39.8056
Simira grazielae	-19.3911	-40.0722
Simira grazielae	-20.8489	-41.1128
Simira grazielae	-19.6424	-40.6642
Simira hatschbachiorum	-19.9686	-40.5347
Simira hatschbachiorum	-20.4167	-40.8333
Simira hatschbachiorum	-20.3079	-40.8489
Simira hatschbachiorum	-20.3633	-40.6592
Simira hatschbachiorum	-19.9699	-40.5316
Simira hatschbachiorum	-19.9714	-40.5303
Siphoneugena kuhlmannii	-22.4	-42.95
Siphoneugena kuhlmannii	-20.5269	-41.1017
Siphoneugena kuhlmannii	-22.3903	-44.9667

Siphoneugena kuhlmannii	-20.5192	-41.1006
Siphoneugena kuhlmannii	-13.32	-41.85
Siphoneugena kuhlmannii	-22.3583	-44.6583
Siphoneugena kuhlmannii	-22.25	-44.5667
Siphoneugena kuhlmannii	-22.7167	-45.45
Siphoneugena kuhlmannii	-22.4961	-44.5633
Siphoneugena kuhlmannii	-22.4388	-44.5839
Siphoneugena kuhlmannii	-22.73	-45.59
Siphoneugena kuhlmannii	-22.74	-45.59
Siphoneugena kuhlmannii	-21.2453	-44.9994
Siphoneugena kuhlmannii	-21.1894	-45.4406
Siphoneugena kuhlmannii	-21.2981	-44.6578
Siphoneugena kuhlmannii	-22.59	-46.52
Siphoneugena kuhlmannii	-22.5071	-45.2882
Siphoneugena kuhlmannii	-18.458	-44.6577
Siphoneugena kuhlmannii	-13.2497	-41.6636
Siphoneugena kuhlmannii	-22.7553	-46.1447
Siphoneugena kuhlmannii	-20.6036	-41.1847
Stephanopodium engleri	-19.8472	-43.4008
Stephanopodium engleri	-20.0261	-43.8407
Stephanopodium engleri	-20.3018	-43.9326
Stephanopodium engleri	-19.9028	-43.9602
Stephanopodium engleri	-20.1306	-43.8428
Stephanopodium engleri	-19.9208	-43.9378
Stephanopodium engleri	-20.2875	-43.5081
Stephanopodium engleri	-20.1433	-44.1997
Stephanopodium engleri	-18.2494	-43.6003
Stephanopodium magnifolium	-14.4953	-39.1344
Stephanopodium magnifolium	-14.4997	-39.115
Stephanopodium magnifolium	-14.5053	-39.1072
Stephanopodium magnifolium	-14.4167	-39.0167
Stephanopodium magnifolium	-14.4231	-39.0617
Stephanopodium magnifolium	-14.4167	-39.0167

Stephanopodium magnifolium	-14.4231	-39.0617
Swartzia linharensis	-19.9292	-40.6236
Swartzia linharensis	-21.5522	-41.2011
Swartzia linharensis	-19.0822	-39.8867
Swartzia linharensis	-16.3864	-39.1814
Swartzia linharensis	-19.15	-40.05
Swartzia linharensis	-18.0472	-39.6247
Swartzia linharensis	-19.1544	-40.019
Swartzia linharensis	-21.3403	-41.2097
Swartzia linharensis	-19.3256	-40.4889
Swartzia linharensis	-18.0864	-39.5508
Swartzia linharensis	-19.6424	-40.6642
Swartzia linharensis	-19.3911	-40.0722
Swartzia linharensis	-18.7161	-39.8589
Swartzia linharensis	-18.5933	-39.7322
Swartzia linharensis	-19.3597	-41.38
Swartzia linharensis	-21.8469	-41.7969
Swartzia linharensis	-21.6833	-41.7
Symplocos itatiaiae	-22.7762	-43.055
Symplocos itatiaiae	-22.3562	-42.5891
Symplocos itatiaiae	-22.4314	-44.8342
Symplocos itatiaiae	-22.4314	-44.8417
Symplocos itatiaiae	-22.25	-44.5667
Symplocos itatiaiae	-22.3583	-44.7333
Symplocos itatiaiae	-22.3844	-44.6583
Symplocos itatiaiae	-22.2819	-42.5311
Symplocos itatiaiae	-22.7595	-46.1448
Symplocos itatiaiae	-23.0297	-44.6846
Symplocos itatiaiae	-22.504	-44.7851
Symplocos itatiaiae	-22.4961	-44.5631
Symplocos itatiaiae	-27.6156	-48.6272
Symplocos itatiaiae	-27.4019	-51.2247
Symplocos itatiaiae	-27.6883	-48.7783

Symplocos itatiaiae	-25.3956	-51.4581
Symplocos itatiaiae	-20.528	-41.9492
Symplocos itatiaiae	-20.4524	-41.8192
Symplocos itatiaiae	-22.4961	-44.5633
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Symplocos itatiaiae	-22.2839	-44.87
Symplocos itatiaiae	-20.4333	-41.8683
Symplocos itatiaiae	-20.6503	-41.9072
Symplocos itatiaiae	-22.3667	-44.7
Tabebuia cassinoides	-22.9311	-42.6011
Tabebuia cassinoides	-22.9286	-42.6014
Tabebuia cassinoides	-22.9962	-43.3695
Tabebuia cassinoides	-25.9608	-48.6369
Tabebuia cassinoides	-23.0228	-43.4692
Tabebuia cassinoides	-23.8256	-45.3664
Tabebuia cassinoides	-22.92	-43.0828
Tabebuia cassinoides	-22.9228	-43.085
Tabebuia cassinoides	-24.0011	-46.4992
Tabebuia cassinoides	-20.3641	-40.3395
Tabebuia cassinoides	-25.6707	-48.515
Tabebuia cassinoides	-23.8314	-46.1218
Tabebuia cassinoides	-21.8125	-41.7553
Tabebuia cassinoides	-21.7842	-41.6172
Tabebuia cassinoides	-23.2828	-44.6311
Tabebuia cassinoides	-23.8129	-46.1187
Tabebuia cassinoides	-20.3867	-40.3503
Tabebuia cassinoides	-22.9364	-43.2356
Tabebuia cassinoides	-22.9772	-43.2478
Tabebuia cassinoides	-20.5983	-40.4233
Tabebuia cassinoides	-13.8052	-39.195
Tabebuia cassinoides	-18.7128	-40.5664
Tabebuia cassinoides	-16.2	-39.42
Tabebuia cassinoides	-18.6692	-39.7981

Tabebuia cassinoides	-25.6444	-48.4862
Tabebuia cassinoides	-25.08	-47.93
Tabebuia cassinoides	-23.6197	-45.5028
Tabebuia cassinoides	-19.1538	-39.9307
Tabebuia cassinoides	-22.9206	-42.4245
Tabebuia cassinoides	-17.6869	-39.4733
Tabebuia cassinoides	-22.5308	-42.3097
Tabebuia cassinoides	-14.4167	-39.0833
Tabebuia cassinoides	-19.3911	-40.0722
Tabebuia cassinoides	-23.4339	-45.0711
Tabebuia cassinoides	-22.5792	-46.4367
Tabebuia cassinoides	-22.579	-46.4366
Tabebuia cassinoides	-20.9328	-41.055
Tabebuia cassinoides	-24.9025	-47.9181
Tabebuia cassinoides	-23.3664	-45.0846
Tabebuia cassinoides	-17.215	-39.2542
Tabebuia cassinoides	-22.5753	-43.4661
Tabebuia cassinoides	-22.55	-43.2667
Tabebuia cassinoides	-21.4473	-42.9643
Tabebuia cassinoides	-22.5	-42.25
Tabebuia cassinoides	-15.297	-39.0752
Tabebuia cassinoides	-20.2556	-40.2781
Tabebuia cassinoides	-25.7532	-48.7209
Tabebuia cassinoides	-23.43	-45.07
Tabebuia cassinoides	-23.3525	-44.8528
Tabebuia cassinoides	-25.52	-48.5092
Tabebuia cassinoides	-22.6508	-42.3917
Tabebuia cassinoides	-22.5439	-42.2781
Tabebuia cassinoides	-23.3769	-44.8381
Tabebuia cassinoides	-20.6619	-40.5108
Tabebuia cassinoides	-14.3632	-39.1596
Tabebuia cassinoides	-18.6689	-39.8
Tabebuia cassinoides	-15.15	-39.08

Tabebuia cassinoides	-25.5859	-48.3617
Tabebuia cassinoides	-25.5765	-48.3675
Tabebuia cassinoides	-19.1667	-40
Tabebuia cassinoides	-12.5303	-38.2992
Tabebuia cassinoides	-23.5	-45.0833
Tabebuia cassinoides	-19.3949	-40.0719
Tabebuia cassinoides	-25.5184	-48.8562
Tabebuia cassinoides	-25.514	-48.343
Tabebuia cassinoides	-25.4769	-48.8344
Tabebuia cassinoides	-20.6269	-40.4264
Tabebuia cassinoides	-19.15	-39.9333
Tabebuia cassinoides	-20.4269	-40.3278
Tabebuia cassinoides	-22.9056	-47.575
Tabebuia cassinoides	-24.7	-47.55
Tabebuia cassinoides	-24.7042	-47.5502
Tabebuia cassinoides	-24.3667	-47.0333
Tabebuia cassinoides	-23.4342	-45.07
Tabebuia cassinoides	-24.3667	-47.0333
Tabebuia cassinoides	-25.1667	-48
Tabebuia cassinoides	-23.0117	-43.4049
Tabebuia cassinoides	-23.85	-46.15
Tabebuia cassinoides	-22.4167	-43.9833
Tabebuia cassinoides	-22.9028	-43.2075
Tabebuia cassinoides	-23.5473	-46.6361
Tabebuia cassinoides	-23.52	-48.68
Tabebuia cassinoides	-22.9833	-43.2333
Tabebuia cassinoides	-14.4997	-39.115
Tabebuia cassinoides	-22.4822	-42.9125
Tabebuia cassinoides	-19.8667	-40.5333
Tabebuia cassinoides	-23.4628	-45.3953
Tabebuia cassinoides	-15.2933	-39.0753
Tabebuia cassinoides	-25.8175	-48.5428
Tabebuia cassinoides	-25.3067	-48.3289

Tabebuia cassinoides	-25.6736	-48.5111
Tabebuia cassinoides	-26.1169	-48.6161
Tabebuia cassinoides	-14.4	-39.2667
Tabebuia cassinoides	-18.7439	-39.7597
Tabebuia cassinoides	-19.6711	-39.8831
Tabebuia cassinoides	-18.7161	-39.8589
Tabebuia cassinoides	-22.2585	-48.742
Tabebuia cassinoides	-23.8544	-46.1386
Tabebuia cassinoides	-25.01	-47.92
Tabebuia cassinoides	-24.18	-46.78
Tabebuia cassinoides	-24.32	-46.99
Tabebuia cassinoides	-24.48	-47.84
Tabebuia cassinoides	-22.1891	-42.6529
Tabebuia cassinoides	-22.9194	-42.8186
Tabebuia cassinoides	-22.2019	-41.4761
Tabebuia cassinoides	-22.9597	-44.0406
Tabebuia cassinoides	-22.4539	-43.4689
Tabebuia cassinoides	-22.7592	-43.4511
Tabebuia cassinoides	-25.816	-48.7749
Tabebuia cassinoides	-25.4286	-48.7119
Tabebuia cassinoides	-24.636	-51.6269
Tabebuia cassinoides	-22.7499	-42.8556
Tabebuia cassinoides	-22.2949	-41.9754
Tabebuia cassinoides	-22.5461	-42.2821
Tabebuia cassinoides	-23.6504	-46.648
Tabebuia cassinoides	-23.8497	-46.2798
Tabebuia cassinoides	-22.9269	-43.4558
Tabebuia cassinoides	-22.7355	-42.5889
Tabebuia cassinoides	-23.3793	-45.0241
Tabebuia cassinoides	-24.0696	-46.6675
Tabebuia cassinoides	-20.434	-40.3786
Tabebuia cassinoides	-22.6129	-43.1135
Tabebuia cassinoides	-24.74	-47.54

Tabebuia cassinoides	-22.1067	-41.4722
Tabebuia cassinoides	-22.92	-42.5103
Tabebuia cassinoides	-20.4228	-49.9728
Tabebuia cassinoides	-23.89	-46.42
Tabebuia cassinoides	-23.96	-46.33
Tabebuia cassinoides	-22.7211	-42.9606
Tabebuia cassinoides	-22.6806	-42.9964
Tabebuia cassinoides	-22.6992	-42.9936
Tabebuia cassinoides	-22.1414	-41.4222
Tabebuia cassinoides	-22.5883	-42.985
Tabebuia cassinoides	-22.5839	-42.9114
Tabebuia cassinoides	-22.5683	-42.5025
Tabebuia cassinoides	-22.4933	-42.9056
Tabebuia cassinoides	-20.658	-40.511
Tabebuia cassinoides	-17.7319	-39.2658
Tabebuia cassinoides	-23.2178	-44.7131
Tabebuia cassinoides	-19.8203	-40.2733
Tabebuia cassinoides	-18.5933	-39.7322
Tabebuia cassinoides	-21.0989	-41.0467
Tabebuia cassinoides	-20.1286	-40.3078
Tabebuia cassinoides	-20.3297	-40.2925
Tabebuia cassinoides	-20.3194	-40.3378
Tabebuia cassinoides	-18.458	-44.6577
Tabebuia cassinoides	-19.1969	-40.0978
Tabebuia cassinoides	-23.62	-45.41
Tabebuia cassinoides	-24.08	-46.62
Tabebuia cassinoides	-23.54	-46.63
Tabebuia cassinoides	-13.1133	-38.8956
Tabebuia cassinoides	-15.2933	-39.0753
Tabebuia cassinoides	-24.71	-47.88
Tabebuia cassinoides	-22.5269	-41.945
Tabebuia cassinoides	-14.7889	-39.0494
Tabebuia cassinoides	-14.5931	-39.2844

Tabebuia cassinoides	-21.4597	-42.9675
Tabebuia cassinoides	-21.41	-41.9208
Tabebuia cassinoides	-19.6424	-40.6642
Tabebuia cassinoides	-25.0781	-47.9314
Tabebuia cassinoides	-25.0749	-47.9315
Tabebuia cassinoides	-22.6528	-43.0406
Tabebuia cassinoides	-24.32	-47.63
Tabebuia cassinoides	-23.5228	-46.1883
Tabebuia cassinoides	-23.53	-45.84
Tabebuia cassinoides	-13.9431	-38.9306
Tabebuia cassinoides	-12.1356	-38.4192
Tabebuia cassinoides	-25.3155	-48.3939
Tabebuia cassinoides	-22.5	-45.08
Tabebuia cassinoides	-23.5639	-46.0142
Tachigali beaurepairei	-22.4908	-43.2969
Tachigali beaurepairei	-22.4908	-43.2833
Tachigali beaurepairei	-22.4917	-43.2969
Tachigali beaurepairei	-22.4916	-43.2969
Tachigali beaurepairei	-22	-42.05
Tachigali beaurepairei	-22.1891	-42.6529
Tachigali beaurepairei	-22.3833	-42.5
Tachigali beaurepairei	-22.5308	-43.0083
Terminalia acuminata	-22.765	-43.6944
Terminalia acuminata	-23.0292	-43.5267
Terminalia acuminata	-23.0094	-43.5333
Terminalia acuminata	-22.9736	-43.0272
Terminalia acuminata	-23.0292	-43.5131
Terminalia acuminata	-22.9367	-43.4575
Terminalia acuminata	-22.9686	-43.2247
Terminalia acuminata	-22.9028	-43.2075
Terminalia acuminata	-22.1891	-42.6529
Terminalia acuminata	-22.8364	-43.5644
Terminalia acuminata	-22.9564	-43.2853

Terminalia acuminata	-22.9772	-43.2467
Terminalia acuminata	-21.3914	-41.0944
Terminalia acuminata	-21.3625	-41.6147
Terminalia acuminata	-22.4283	-42.0356
Buchenavia hoehneana	-22.3344	-44.5381
Terminalia hoehneana	-22.3533	-43.7322
Buchenavia hoehneana	-24.0625	-47.9894
Buchenavia hoehneana	-15.1731	-39.1322
Buchenavia hoehneana	-13.7333	-39.0239
Buchenavia hoehneana	-15.3389	-39.0028
Buchenavia hoehneana	-15.3958	-39.5661
Buchenavia hoehneana	-19.3961	-43.4019
Buchenavia hoehneana	-19.172	-40.035
Buchenavia hoehneana	-14.6667	-39.1
Buchenavia hoehneana	-14.7462	-39.1961
Buchenavia hoehneana	-14.4231	-39.0617
Buchenavia hoehneana	-19.8667	-40.5333
Buchenavia parvifolia	-10.3591	-56.8168
Buchenavia parvifolia	-1.87917	-61.7181
Buchenavia parvifolia	-0.79423	-61.5753
Buchenavia parvifolia	-2.4098	-60.3068
Buchenavia parvifolia	-4.88722	-65.3153
Buchenavia parvifolia	-1	-59
Buchenavia parvifolia	-10.0728	-65.4025
Buchenavia parvifolia	-1.08014	-69.5044
Buchenavia parvifolia subsp. parvifolia	-4.83444	-72.3903
Buchenavia parvifolia	-2.99102	-59.91
Buchenavia parvifolia	-2.88333	-59.97
Terminalia parvifolia subsp. parvifolia	-2.88333	-59.9667
Terminalia parvifolia	-2.11	-69.56
Buchenavia parvifolia	-2.40722	-59.7611

Terminalia parvifolia subsp. parvifolia	-2.41667	-59.9
Buchenavia parvifolia	-2.40722	-59.73
Buchenavia parvifolia	-2.41625	-59.7458
Buchenavia parvifolia	-4.85447	-65.34
Buchenavia parvifolia	-0.04072	-51.0957
Buchenavia parvifolia	-9.61047	-64.9182
Buchenavia parvifolia	-3.41667	-60.03
Buchenavia parvifolia	-3.10222	-60.0256
Buchenavia parvifolia	-12.4056	-55.6036
Buchenavia parvifolia subsp. parvifolia	-10.8339	-52.8731
Buchenavia parvifolia	-2.32	-60.08
Terminalia parvifolia	-4.18224	-64.6985
Trattinnickia ferruginea	-18.7377	-43.3986
Trattinnickia ferruginea	-19.3964	-43.4021
Trattinnickia ferruginea	-20.76	-42.0573
Trattinnickia ferruginea	-21.2747	-43.1792
Trattinnickia ferruginea	-20.8824	-42.0651
Trattinnickia ferruginea	-20.7539	-42.8819
Trattinnickia ferruginea	-19.7897	-42.1392
Trattinnickia ferruginea	-19.7122	-42.7322
Trattinnickia ferruginea	-20.9047	-42.0228
Trattinnickia mensalis	-18.6894	-39.7922
Trattinnickia mensalis	-19.1797	-39.9713
Trattinnickia mensalis	-19.1517	-40.0689
Trattinnickia mensalis	-19.1794	-39.9711
Trattinnickia mensalis	-19.3949	-40.0719
Trattinnickia mensalis	-18.5933	-39.7322
Trattinnickia mensalis	-19.3911	-40.0722
Trattinnickia mensalis	-18.7161	-39.8589
Trattinnickia mensalis	-15.4192	-39.4958
Trattinnickia mensalis	-14.7462	-39.1961

Trattinnickia mensalis	-15.2933	-39.0753
Trattinnickia mensalis	-14.7889	-39.0494
Trattinnickia mensalis	-12.473	-41.7317
Trattinnickia mensalis	-19.6424	-40.6642
Trichilia magnifoliola	-19.5365	-40.7216
Trichilia magnifoliola	-14.8478	-39.0256
Trichilia magnifoliola	-19.1366	-40.6224
Trichilia magnifoliola	-20.0975	-40.4369
Trichilia magnifoliola	-19.3356	-40.5356
Trichilia magnifoliola	-19.2758	-40.4633
Trichilia magnifoliola	-19.3117	-40.5419
Trichilia magnifoliola	-18.9028	-40.6669
Trichilia magnifoliola	-19.3481	-40.5586
Trichilia magnifoliola	-18.8714	-40.8128
Trichilia magnifoliola	-19.9361	-40.5069
Trichilia magnifoliola	-18.9831	-40.7403
Trichilia magnifoliola	-19.9398	-40.7322
Trichilia magnifoliola	-19.9197	-40.4794
Trichilia magnifoliola	-16.9809	-39.5677
Trichilia magnifoliola	-12.473	-41.7317
Trichilia magnifoliola	-17.0772	-40.7164
Trichilia magnifoliola	-19.7122	-42.7322
Trichilia magnifoliola	-16.3775	-39.5803
Trichilia magnifoliola	-16.5839	-39.7828
Trigoniodendron spiritusanctense	-21.3406	-41.2639
Trigoniodendron spiritusanctense	-21.3867	-41.0842
Trigoniodendron spiritusanctense	-21.4072	-41.0867
Trigoniodendron spiritusanctense	-20.1792	-40.3185
Trigoniodendron	-20.7519	-41.2316

spiritusanctense		
Trigoniodendron		
spiritusanctense	-21.5547	-41.2042
Trigoniodendron		
spiritusanctense	-21.3794	-41.0822
Trigoniodendron		
spiritusanctense	-21.3914	-41.0944
Trigoniodendron		
spiritusanctense	-19.8667	-40.5333
Trigoniodendron		
spiritusanctense	-20.8489	-41.1128
Trigoniodendron		
spiritusanctense	-19.5189	-41.0158
Trigoniodendron		
spiritusanctense	-21.3936	-41.0881
Trigoniodendron		
spiritusanctense	-21.3756	-41.9181
Trigoniodendron		
spiritusanctense	-21.3256	-41.1
Trigoniodendron		
spiritusanctense	-21.5	-41.5
Trigoniodendron		
spiritusanctense	-21.2969	-41.0903
Trigoniodendron		
spiritusanctense	-21.3217	-41.1197
Trigoniodendron		
spiritusanctense	-21.3019	-40.9614
Trigynaea axilliflora	-22.4583	-42.0372
Trigynaea axilliflora	-22.95	-43.3
Trigynaea axilliflora	-22.1891	-42.6529
Trigynaea axilliflora	-22.5269	-41.945
Trigynaea axilliflora	-22.9028	-43.2075
Unonopsis riedeliana	-22.1891	-42.6529

Unonopsis riedeliana	-21.995	-42.9144
Unonopsis riedeliana	-22.5269	-41.945
Unonopsis riedeliana	-21.8469	-41.7969
Urbanodendron bahiense	-22.5806	-43.3975
Urbanodendron bahiense	-22.5681	-43.3975
Urbanodendron bahiense	-23.6208	-45.5125
Urbanodendron bahiense	-22.6386	-44.6614
Urbanodendron bahiense	-22.9225	-42.9992
Urbanodendron bahiense	-22.5322	-42.3461
Urbanodendron bahiense	-23.303	-44.5514
Urbanodendron bahiense	-22.5428	-42.6542
Urbanodendron bahiense	-22.5339	-44.0833
Urbanodendron bahiense	-22.5	-42.25
Urbanodendron bahiense	-22.657	-43.0408
Urbanodendron bahiense	-22.4333	-42.8333
Urbanodendron bahiense	-22.9028	-43.2075
Urbanodendron bahiense	-23.2161	-45.0503
Urbanodendron bahiense	-22.6528	-43.0406
Urbanodendron bahiense	-22.9689	-43.4392
Urbanodendron bahiense	-22.815	-43.5261
Urbanodendron bahiense	-22.68	-42.75
Urbanodendron bahiense	-22.5	-42.4797
Urbanodendron bahiense	-22.41	-42.3897
Urbanodendron bahiense	-23.43	-45.07
Urbanodendron bahiense	-24.1881	-47.0461
Urbanodendron bahiense	-22.5372	-42.9819
Urbanodendron bahiense	-21.7972	-41.4481
Urbanodendron bahiense	-23.0067	-44.3181
Virola bicuhyba	-18.7381	-43.3993
Virola bicuhyba	-20.4672	-40.7506
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Virola bicuhyba	-22.4142	-42.7358
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Virola bicuhyba	-18.7811	-40.4397
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Virola bicuhyba	-23.6425	-46.6153
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Virola bicuhyba	-22.4744	-42.7625
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Virola bicuhyba	-26.9575	-48.9844
Virola bicuhyba	-25.4394	-48.9161
Virola bicuhyba	-23.3664	-45.0842
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Virola bicuhyba	-24.6083	-47.885
Virola bicuhyba	-25.4769	-48.8344
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Virola bicuhyba	-25.2033	-48.3769

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Virola bicuhyba	-27.0988	-48.8905
Virola bicuhyba	-23.6504	-46.648
Virola bicuhyba	-23.3667	-45.0842
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Virola bicuhyba	-23.43	-45.07
Virola bicuhyba	-19.6424	-40.6642
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Virola bicuhyba	-19.5394	-40.6306
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Virola bicuhyba	-19.7897	-42.1392
Virola bicuhyba	-24.5681	-49.4197
Virola bicuhyba	-25.5184	-48.8562
Virola bicuhyba	-26.9194	-49.0661
Virola bicuhyba	-27.0981	-48.9175
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Virola bicuhyba	-26.9692	-48.7538
Virola bicuhyba	-26.9078	-48.6619
Virola bicuhyba	-26.2949	-49.3501
Virola bicuhyba	-24.18	-46.78
Virola bicuhyba	-24.71	-47.88
Virola bicuhyba	-24.58	-48.59

Virola bicuhyba	-20.7539	-42.8819
Virola bicuhyba	-24.38	-47.92
Virola bicuhyba	-25.01	-47.92
Virola bicuhyba	-23.54	-46.63
Virola bicuhyba	-28.3928	-49.3967
Virola bicuhyba	-21.8425	-43.7931
Virola bicuhyba	-22.0892	-43.8278
Virola bicuhyba	-27.4972	-48.8333
Virola bicuhyba	-26.0267	-48.855
Virola bicuhyba	-26.2503	-49.3786
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Virola bicuhyba	-22.0825	-42.8539
Virola bicuhyba	-22.9028	-43.2075
Virola bicuhyba	-19.5186	-42.6289
Virola bicuhyba	-12.473	-41.7317
Virola bicuhyba	-22.9397	-43.4036
Virola bicuhyba	-20.0742	-41.1239
Virola bicuhyba	-19.8203	-40.2733
Virola bicuhyba	-20.7756	-41.6794
Virola bicuhyba	-20.3458	-41.5358
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Virola bicuhyba	-19.3911	-40.0722
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Virola bicuhyba	-23.96	-46.33
Virola bicuhyba	-23.586	-45.4366
Virola bicuhyba	-25.0693	-47.9201
Virola bicuhyba	-23.3369	-44.8356
Virola bicuhyba	-21.3424	-47.9405
Virola bicuhyba	-21.1264	-47.7552
Virola bicuhyba	-23.7441	-47.0645
Virola bicuhyba	-29.3353	-49.7269
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Virola bicuhyba	-24.7	-47.55
Virola bicuhyba	-21.4575	-43.1253
Virola bicuhyba	-29.4481	-50.5836
Virola bicuhyba	-26.9314	-48.9589
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Virola bicuhyba	-15.2933	-39.0753
Virola bicuhyba	-22.4122	-42.9656
Virola bicuhyba	-23.0067	-44.3181
Virola bicuhyba	-19.6776	-42.5229
Virola bicuhyba	-19.7122	-42.7322
Virola bicuhyba	-29.3694	-49.8497
Vochysia angelica	-19.6531	-40.1228
Vochysia angelica	-18.4369	-39.715
Vochysia angelica	-19.3821	-40.0289
Vochysia angelica	-19.0559	-39.9614
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Vochysia angelica	-19.3911	-40.0722
Vochysia angelica	-16.4497	-39.0647
Vochysia santaluciae	-20.1231	-40.5464
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Williamodendron cinnamomeum	-19.9697	-40.5364
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Williamodendron	-19.9719	-40.5125

cinnamomeum		
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Williamodendron		
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Zollernia magnifica	-21.3275	-41.0992
Zollernia magnifica	-19.6769	-40.1436
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Zollernia magnifica	-14.33	-39.08
Zollernia magnifica	-14.3333	-39.0833
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Zollernia magnifica	-16.2667	-39.0167
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Zollernia magnifica	-12.473	-41.7317
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Araucaria angustifolia	-27.2142	-49.6431
Araucaria angustifolia	-23.35	-47.68
Araucaria angustifolia	-29.9178	-51.1836
Araucaria angustifolia	-30.1139	-51.325

Araucaria angustifolia	-29.7603	-51.1472
Araucaria angustifolia	-28.8628	-51.5333
Cariniana ianeirensis	-20.7617	-41.4711
Cariniana ianeirensis	-14.3335	-68.5724
Cariniana ianeirensis	-19.6164	-41.0167
Cariniana ianeirensis	-14.5275	-68.5047
Cariniana ianeirensis	-14.4492	-68.5314
Cariniana ianeirensis	-21.24	-41.76
Cariniana ianeirensis	-14.4481	-68.5308
Cariniana ianeirensis	-14.5783	-68.7772
Cariniana ianeirensis	-19.5381	-41.0133
Cariniana ianeirensis	-19.5897	-41.0208
Cariniana ianeirensis	-19.6622	-41.0367
Cariniana ianeirensis	-14.4654	-68.5425
Cariniana ianeirensis	-14.145	-68.745
Cariniana ianeirensis	-14.5469	-68.6933
Cariniana ianeirensis	-21.6914	-42.1736
Cariniana ianeirensis	-20.1811	-40.3033
Cariniana ianeirensis	-13	-68
Cariniana ianeirensis	-14.5781	-68.7769
Cariniana ianeirensis	-19.57	-42.0897
Cariniana ianeirensis	-14.1456	-68.745
Cariniana ianeirensis	-14.5467	-68.6936
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Cariniana ianeirensis	-14.533	-68.6936
Cariniana ianeirensis	-14.1975	-68.6519
Cariniana ianeirensis	-14.2178	-68.64
Cariniana ianeirensis	-14.2003	-68.6558
Cariniana ianeirensis	-14.2461	-68.5297
Cariniana ianeirensis	-14.4286	-68.5878
Cariniana ianeirensis	-14.4685	-68.5388
Cariniana ianeirensis	-14.4653	-68.5425
Cariniana ianeirensis	-19.5414	-41.2715

Cariniana ianeirensis	-15.8333	-63.0833
Cariniana ianeirensis	-15.75	-62.97
Cariniana ianeirensis	-15.2562	-58.4576
Cariniana ianeirensis	-15.4717	-58.3533
Cariniana ianeirensis	-16.6375	-62.45
Cariniana ianeirensis	-22.9028	-43.2075
Cariniana ianeirensis	-22.4822	-42.9125
Cariniana ianeirensis	-22.92	-43.33
Cariniana ianeirensis	-22.9011	-43.4503
Cariniana ianeirensis	-17.2942	-61.461
Cariniana ianeirensis	-18.458	-44.6577
Cariniana ianeirensis	-22.1891	-42.6529
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Cariniana ianeirensis	-15.4711	-58.3531
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Cariniana ianeirensis	-21.3575	-41.9425
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Cariniana ianeirensis	-15.223	-68.1255
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Cariniana ianeirensis	-21.6692	-42.0761
Cedrela fissilis	-28.615	-49.5676
Cedrela fissilis	-25.6955	-54.4238
Cedrela fissilis	-27.0845	-54.8172
Cedrela fissilis	-32.0419	-53.9067
Cedrela fissilis	-32.086	-53.8742
Cedrela fissilis	-25.2165	-49.0391
Cedrela fissilis	-25.3725	-49.034
Cedrela fissilis	-27.3719	-55.465
Cedrela fissilis	-26.698	-54.1056
Cedrela fissilis	-27.4455	-54.6076
Cedrela fissilis	-25.2695	-49.109
Cedrela fissilis	-25.5652	-49.2989

Cedrela fissilis	-23.6277	-53.2949
Cedrela fissilis	-22.9961	-43.522
Cedrela fissilis	-24.369	-51.9589
Cedrela fissilis	-25.9752	-53.8491
Cedrela fissilis	-25.5996	-54.0061
Cedrela fissilis	-25.5903	-54.1999
Cedrela fissilis	-28.5631	-49.65
Cedrela fissilis	-26.501	-53.8807
Cedrela fissilis	-20.3394	-41.8239
Cedrela fissilis	-20.3419	-41.8219
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Cedrela fissilis	-25.5455	-48.8834
Cedrela fissilis	-25.471	-56.5696
Cedrela fissilis	-23.6	-46.7
Cedrela fissilis	-21.1661	-45.0157
Cedrela fissilis	-26.3003	-49.3531
Cedrela fissilis	-26.5917	-49.2069
Cedrela fissilis	-23.6829	-52.5669
Cedrela fissilis	-25.2946	-50.3223
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Cedrela fissilis	-15.0863	-44.2714
Cedrela fissilis	-15.0862	-44.2719
Cedrela fissilis	-15.087	-44.2722
Cedrela fissilis	-15.0872	-44.2718
Cedrela fissilis	-15.0876	-44.272
Cedrela fissilis	-15.0859	-44.2699
Cedrela fissilis	-15.0855	-44.2663
Cedrela fissilis	-15.0858	-44.2666
Cedrela fissilis	-15.0855	-44.267
Cedrela fissilis	-15.0846	-44.2672
Cedrela fissilis	-15.0855	-44.2703

Cedrela fissilis	-15.0898	-44.2817
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Cedrela fissilis	-15.0855	-44.2703
Cedrela fissilis	-15.0865	-44.2721
Cedrela fissilis	-15.0901	-44.2667
Cedrela fissilis	-15.0892	-44.2673
Cedrela fissilis	-25.6712	-54.4875
Cedrela fissilis	-25.7088	-54.5084
Cedrela fissilis	-25.6153	-54.5991
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Cedrela fissilis	-22.4769	-43.11
Cedrela fissilis	-23.8869	-54.4056
Cedrela fissilis	-24.8442	-54.3619
Cedrela fissilis	-31.2431	-60.0328
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Cedrela fissilis	-24.775	-51.7375
Cedrela fissilis	-20.4511	-54.8656
Cedrela fissilis	-25.9453	-51.8459
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Cedrela fissilis	-26.7454	-54.0959
Cedrela fissilis	-7.59556	-76.1878
Cedrela fissilis	-8.3675	-75.3272
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Cedrela fissilis	-25.5985	-48.8105
Cedrela fissilis	-25.5169	-53.4983
Cedrela fissilis	-19	-43
Cedrela fissilis	-22.3331	-44.5381
Cedrela fissilis	-27.8117	-49.3222
Cedrela fissilis	-16.92	-50.4
Cedrela fissilis	-23.5606	-46.7352
Cedrela fissilis	-23.5606	-46.7349
Cedrela fissilis	-23.5607	-46.7348
Cedrela fissilis	-25.4806	-54.5481

Cedrela fissilis	-9	-56
Cedrela fissilis	-10.26	-67.86
Cedrela fissilis	-16.6267	-57.7853
Cedrela fissilis	-21.78	-56.52
Cedrela fissilis	-15.1253	-44.2409
Cedrela fissilis	-15.1256	-44.2409
Cedrela fissilis	-15.1241	-44.2423
Cedrela fissilis	-15.1211	-44.2432
Cedrela fissilis	-15.1213	-44.243
Cedrela fissilis	-15.1248	-44.2438
Cedrela fissilis	-15.1213	-44.2428
Cedrela fissilis	-15.1231	-44.2468
Cedrela fissilis	-15.1241	-44.2473
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Cedrela fissilis	-25.5044	-54.5803
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Cedrela fissilis	-26.9536	-52.7836
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Cedrela fissilis	-24.4164	-52.9847
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Cedrela fissilis	-23.1606	-55.2222
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Cedrela fissilis	-15.1167	-44.2333
Cedrela fissilis	-27.7156	-50.5067
Cedrela fissilis	-25.2175	-48.0406
Cedrela fissilis	-25.3903	-54.2614
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Cedrela fissilis	-15.1108	-44.2499
Cedrela fissilis	-15.0917	-44.251
Cedrela fissilis	-15.0917	-44.251
Cedrela fissilis	-15.0914	-44.2504

Cedrela fissilis	-15.0918	-44.2513
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Cedrela fissilis	-25.7164	-53.0878
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Cedrela fissilis	-25.4083	-53.8969
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Cedrela fissilis	-27.18	-52.0197
Cedrela fissilis	2.23329	-54.4616
Cedrela fissilis	-10.4249	-54.6006
Cedrela fissilis	-10.5958	-56.0436
Cedrela fissilis	-27.1258	-49.2133
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Cedrela fissilis	-15.1076	-44.2411
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Cedrela fissilis	-15.1074	-44.241
Cedrela fissilis	-15.1076	-44.2411
Cedrela fissilis	-15.1077	-44.2415
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Cedrela fissilis	-25.2689	-54.0275
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Cedrela fissilis	-24.4017	-53.5278

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Cedrela fissilis	-23.8061	-46.6915
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Cedrela fissilis	-26.8033	-48.9253
Cedrela fissilis	-20.1506	-40.4486
Cedrela fissilis	-23.303	-44.5514
Cedrela fissilis	-12.1975	-38.9706
Cedrela fissilis	-25.9233	-50.8614
Cedrela fissilis	-20.4647	-55.4875
Cedrela fissilis	-19.1428	-57.5867
Cedrela fissilis	-15.9472	-47.8778
Cedrela fissilis	-17.7028	-63.385
Cedrela fissilis	-12.5615	-70.0863

Cedrela fissilis	-13.3639	-48.1389
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Cedrela fissilis	-19.8125	-64.0997
Cedrela fissilis	-21.1161	-45.4733
Cedrela fissilis	-7.32944	-47.6403
Cedrela fissilis	-14.5514	-68.6858
Cedrela fissilis	-14.5549	-68.6859
Cedrela fissilis	-13.2167	-72.5167
Cedrela fissilis	-14.555	-68.6858
Cedrela fissilis	-14.2356	-44.6172
Cedrela fissilis	-15.2156	-68.8033
Cedrela fissilis	-14.3251	-68.5659
Cedrela fissilis	-14.3233	-68.5786
Cedrela fissilis	-15.2056	-68.6211
Cedrela fissilis	-16.7261	-64.435
Cedrela fissilis	-14.3325	-68.5668
Cedrela fissilis	-28.2261	-50.76
Cedrela fissilis	-6.96722	-44.1817
Cedrela fissilis	-20.8167	-56.7333
Cedrela fissilis	-20.7747	-56.7192
Cedrela fissilis	-23.2667	-51.05
Cedrela fissilis	-24.1431	-50.3084
Cedrela fissilis	-14.2178	-68.64
Cedrela fissilis	-14.2417	-68.5333
Cedrela fissilis	-27.8736	-51.0633
Cedrela fissilis	-14.1994	-68.6519
Cedrela fissilis	-14.2525	-68.5253
Cedrela fissilis	-23.3667	-51.2333
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Cedrela fissilis	-14.2464	-68.5858
Cedrela fissilis	-14.3172	-68.5192
Cedrela fissilis	-20.7075	-64.0464
Cedrela fissilis	-24.8833	-47.9167

Cedrela fissilis	-19.7572	-40.6875
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Cedrela fissilis	-27.8474	-50.7721
Cedrela fissilis	-21.4	-56.3667
Cedrela fissilis	-27.1469	-51.1473
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Cedrela fissilis	-23.4361	-51.9697
Cedrela fissilis	-22.801	-47.0423
Cedrela fissilis	-14.4685	-68.5388
Cedrela fissilis	-14.4653	-68.5425
Cedrela fissilis	-20	-48
Cedrela fissilis	-14.4781	-68.5369
Cedrela fissilis	-24.09	-48.36
Cedrela fissilis	-25.3558	-54.6236
Cedrela fissilis	-12.95	-72.65
Cedrela fissilis	-28.9281	-49.6819
Cedrela fissilis	-13	-72.05
Cedrela fissilis	-23.55	-46.7167
Cedrela fissilis	-13	-72.6333
Cedrela fissilis	-29.3142	-50.7347
Cedrela fissilis	-18.4092	-43.5067
Cedrela fissilis	-24.2385	-50.5419
Cedrela fissilis	-24.1339	-55.5275
Cedrela fissilis	-14.6133	-68.6831
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Cedrela fissilis	-2.7	-65.13
Cedrela fissilis	-21.1503	-47.8506
Cedrela fissilis	-14.6258	-67.6608
Cedrela fissilis	-20.5392	-56.7153
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Cedrela fissilis	-12.6167	-72.4889
Cedrela fissilis	-10.6561	-38.6744

Cedrela fissilis	-13.0786	-72.3903
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Cedrela fissilis	-22.9167	-46.8667
Cedrela fissilis	-22.7939	-56.3533
Cedrela fissilis	-24.3214	-57.0775
Cedrela fissilis	-22.3164	-44.7122
Cedrela fissilis	-19.9167	-49.5167
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Cedrela fissilis	-23.75	-64.5167
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Cedrela fissilis	-17.4378	-52.8856
Cedrela fissilis	-19.1875	-57.5814
Cedrela fissilis	-22.8167	-46.9167
Cedrela fissilis	-22.7833	-47
Cedrela fissilis	-19.7058	-42.6148
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Cedrela fissilis	-12.8753	-46.6867
Cedrela fissilis	-21.6438	-52.2777
Cedrela fissilis	-20.8086	-51.6244
Cedrela fissilis	-14.4497	-49.0664
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Cedrela fissilis	-20.3636	-64.0075
Cedrela fissilis	-17.5	-44
Cedrela fissilis	-23.25	-46.25
Cedrela fissilis	-20.7897	-51.6208
Cedrela fissilis	-21.3472	-51.8567

Cedrela fissilis	-24.1336	-55.5281
Cedrela fissilis	-18.965	-58.4656
Cedrela fissilis	-23.25	-51.4833
Cedrela fissilis	-15.4839	-55.7336
Cedrela fissilis	-14.6036	-61.4911
Cedrela fissilis	-22.8369	-46.9328
Cedrela fissilis	-23.3833	-51.2333
Cedrela fissilis	-23.4194	-51.4244
Cedrela fissilis	-18.1	-61.9333
Cedrela fissilis	-23.5146	-51.1104
Cedrela fissilis	-26.9164	-54.205
Cedrela fissilis	-19.7667	-63.975
Cedrela fissilis	-23.7969	-56.135
Cedrela fissilis	-15.8667	-47.85
Cedrela fissilis	-22.6269	-50.8631
Cedrela fissilis	-24.6758	-47.8769
Cedrela fissilis	-15.2461	-61.2428
Cedrela fissilis	-26.3833	-53.7667
Cedrela fissilis	-20.7769	-49.3544
Cedrela fissilis	-17.9094	-48.5217
Cedrela fissilis	-22.7917	-56.2869
Cedrela fissilis	-14.3892	-61.1464
Cedrela fissilis	-14.6686	-62.6017
Cedrela fissilis	-15.6667	-48.8333
Cedrela fissilis	-26.3833	-54.2
Cedrela fissilis	-14.25	-46.3333
Cedrela fissilis	-28.9353	-49.4861
Cedrela fissilis	-14.7558	-61.0417
Cedrela fissilis	-27.15	-53.9
Cedrela fissilis	-14.6333	-60.8433
Cedrela fissilis	-16.5217	-61.8481
Cedrela fissilis	-22.6819	-46.6808
Cedrela fissilis	-25.7207	-54.4294

Cedrela fissilis	-16.5203	-61.8464
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Cedrela fissilis	-14.7364	-61.0028
Cedrela fissilis	-14.7194	-61.1594
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Cedrela fissilis	-23.77	-55.9883
Cedrela fissilis	-13.6039	-61.5544
Cedrela fissilis	-20.6777	-51.1064
Cedrela fissilis	-13.65	-48.15
Cedrela fissilis	-15.5167	-48.1667
Cedrela fissilis	-21.75	-50.9667
Cedrela fissilis	-21.6122	-47.5781
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Cedrela fissilis	-21.6	-47.5667
Cedrela fissilis	-28.5183	-49.3211
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Cedrela fissilis	-17.35	-65.55
Cedrela fissilis	-16.3344	-62.8783
Cedrela fissilis	-14.5333	-61.5
Cedrela fissilis	-20.7167	-42.4833
Cedrela fissilis	-14.7625	-61.0478
Cedrela fissilis	-20.03	-49.38
Cedrela fissilis	-19.9573	-49.5359
Cedrela fissilis	-10.9668	-68.1042
Cedrela fissilis	-17.7	-63.4
Cedrela fissilis	-12.8342	-69.2853
Cedrela fissilis	-19.9881	-49.7706
Cedrela fissilis	-10.8339	-52.8731
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Cedrela fissilis	-19.9667	-49.5167
Cedrela fissilis	-16.5961	-61.8661

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Cedrela fissilis	-9.25	-36.4167
Cedrela fissilis	-9.25	-36.42
Cedrela fissilis	-23.6631	-46.7725
Cedrela fissilis	-14.7181	-63.9678
Cedrela fissilis	-14.6058	-61.4925
Cedrela fissilis	-17.5	-61.5
Cedrela fissilis	-15.0558	-61.8033
Cedrela fissilis	-23.5239	-47.1125
Cedrela fissilis	-12.45	-70.6833
Cedrela fissilis	-16.7439	-61.8536
Cedrela fissilis	-10.6552	-68.5061
Cedrela fissilis	-17.95	-64.4
Cedrela fissilis	-20.3818	-45.6956
Cedrela fissilis	-12.7833	-72.6667
Cedrela fissilis	-16.6375	-62.45
Cedrela fissilis	-14.6333	-62.6167
Cedrela fissilis	-17.1	-63.6333
Cedrela fissilis	-25.3333	-57.4667
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Cedrela fissilis	-16.6667	-67.3333
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Cedrela fissilis	-22.9056	-47.0608
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Cedrela fissilis	-16.2	-67.8333
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Cedrela fissilis	-28.4672	-49.0072
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Cedrela fissilis	-18.35	-59.6167
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Cedrela fissilis	-2.88333	-59.97
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Cedrela fissilis	-26.1667	-55.45
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Cedrela fissilis	-9.5	-75.8333
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Cedrela fissilis	-23.401	-51.9676
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Cedrela fissilis	-18.8833	-56.5833
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Cedrela fissilis	-5.23	-44.47
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Cedrela fissilis	-22.3732	-47.5796
Cedrela fissilis	-23.4253	-51.9386
Cedrela fissilis	-23.45	-52.5667
Cedrela fissilis	-25.4	-57.4667
Cedrela fissilis	-20.7333	-50.8667
Cedrela fissilis	-25.3225	-49.1566
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Cedrela fissilis	-25.3722	-50.4613
Cedrela fissilis	-14.4	-42.5667
Cedrela fissilis	-20.45	-54.6167
Cedrela fissilis	-18.7167	-45.4833
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Cedrela fissilis	-29	-58
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Cedrela fissilis	-23.6556	-46.6237
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Cedrela fissilis	-29.8797	-50.7733
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Cedrela fissilis	-30.0433	-52.8948
Cedrela fissilis	-25.9836	-52.5686
Cedrela fissilis	-25.1413	-50.0815
Cedrela fissilis	-14.6905	-39.2844
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Cedrela fissilis	-15.6171	-46.4303
Cedrela fissilis	-26.6167	-53.5833
Cedrela fissilis	-27.1667	-53.7667
Cedrela fissilis	-27.1333	-53.5
Cedrela fissilis	-27.1694	-53.7122
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Cedrela fissilis	-15.7834	-47.9299
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Cedrela fissilis	-19.4696	-44.2469
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Cedrela fissilis	-22.9039	-47.0604
Cedrela fissilis	-21.2203	-48.9011

Cedrela fissilis	-19.9208	-43.9378
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Cedrela fissilis	-23.6461	-46.6184
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Cedrela fissilis	-25.8775	-54.4111
Cedrela fissilis	-25.32	-50.37
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Cedrela fissilis	-29.64	-53.59
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Cedrela fissilis	-23.37	-64.22
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Cedrela fissilis	-27.44	-55.59
Cedrela fissilis	-26.64	-54.58

Cedrela fissilis	-26.64	-53.96
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Cedrela fissilis	-25.92	-54.58
Cedrela fissilis	-26.38	-54.2
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Cedrela fissilis	-19.2575	-45.496
Cedrela fissilis	-19.2576	-45.498
Cedrela fissilis	-26.67	-54.27
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Cedrela fissilis	-29.3277	-49.8099
Cedrela fissilis	-25.4834	-48.9833
Cedrela fissilis	-25.4358	-49.2196
Cedrela fissilis	-31.4414	-52.4239
Cedrela fissilis	-25.2418	-53.156
Cedrela fissilis	-24.8753	-49.2796
Cedrela fissilis	-25.3457	-52.3818

Cedrela fissilis	-24.5561	-54.0567
Cedrela fissilis	-26.3446	-52.3579
Cedrela fissilis	-25.8528	-50.3178
Cedrela fissilis	-25.116	-48.9362
Cedrela fissilis	-27.4617	-51.9064
Cedrela fissilis	-25.8118	-52.451
Cedrela fissilis	-25.4027	-49.5831
Cedrela fissilis	-25.4885	-50.8255
Cedrela fissilis	-25.514	-48.343
Cedrela fissilis	-25.2917	-49.2242
Cedrela fissilis	-25.19	-49.3142
Cedrela fissilis	-25.5955	-53.1295
Cedrela fissilis	-27.134	-48.9091
Cedrela fissilis	-25.3135	-50.4085
Cedrela fissilis	-23.7253	-49.9625
Cedrela fissilis	-16.5174	-57.838
Cedrela fissilis	-16.2029	-67.8306
Cedrela fissilis	-16.2525	-47.9503
Cedrela fissilis	-23.6277	-53.2949
Cedrela fissilis	-10.9988	-55.5987
Cedrela fissilis	-14.6194	-57.4858
Cedrela fissilis	-23.5508	-51.4608
Cedrela fissilis	-23.3103	-51.1628
Cedrela fissilis	-24.5206	-52.4609
Cedrela fissilis	-25.2917	-49.2242
Cedrela fissilis	-25.4278	-49.2731
Cedrela fissilis	-24.3194	-52.53
Cedrela fissilis	-25.7789	-49.3261
Cedrela fissilis	-25.52	-48.5092
Cedrela fissilis	-10.7426	-53.0803
Cedrela fissilis	-4.18224	-64.6985
Cedrela fissilis	-9.42168	-76.0406
Cedrela fissilis	-16.7133	-64.6568

Cedrela fissilis	-18.458	-44.6577
Cedrela fissilis	-3.97422	-53.0638
Cedrela fissilis	-24.165	-56.6468
Cedrela fissilis	-35.1896	-65.1447
Cedrela fissilis	-29.7374	-53.3171
Cedrela fissilis	7.125258	-66.1506
Cedrela fissilis	-24.636	-51.6269
Cedrela fissilis	-17.1	-63.6333
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Cedrela fissilis	-22.8758	-56.0627
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Cedrela fissilis	-29.7006	-52.813
Cedrela fissilis	-29.3656	-50.8156
Cedrela fissilis	-29.1681	-51.1794
Cedrela fissilis	-29.225	-51.3478
Cedrela fissilis	-28.3878	-53.9147
Cedrela fissilis	-27.4617	-51.9064
Cedrela fissilis	-27.6322	-51.8033
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Cedrela fissilis	-29.6842	-53.8069
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Cedrela fissilis	-29.7603	-51.1472
Cedrela fissilis	-27.0981	-48.9175
Cedrela fissilis	-27.0608	-49.5184
Cedrela fissilis	-27.2906	-52.3231
Cedrela fissilis	-26.7608	-53.1725
Cedrela fissilis	-27.3958	-49.3562
Cedrela fissilis	-22.88	-48.44
Cedrela fissilis	-26.9547	-53.5953
Cedrela fissilis	-24.3353	-49.0769
Cedrela fissilis	-22.2585	-48.742
Cedrela fissilis	-22.0789	-54.7894

Cedrela fissilis	-19.1875	-57.5814
Cedrela fissilis	-21.8386	-44.8083
Cedrela fissilis	-21.4875	-44.6425
Cedrela fissilis	-18.9186	-48.2772
Cedrela fissilis	-8.23333	-35.7969
Cedrela fissilis	-23.11	-46.55
Cedrela fissilis	-22.14	-49.33
Cedrela fissilis	-22.28	-48.12
Cedrela fissilis	-22.9	-47.06
Cedrela fissilis	-21.28	-47.17
Cedrela fissilis	-22.43	-47.71
Cedrela fissilis	-23.2463	-46.9406
Cedrela fissilis	-22.21	-49.94
Cedrela fissilis	-22.7753	-46.4417
Cedrela fissilis	-20.6338	-51.1004
Cedrela fissilis	-24.0575	-47.985
Cedrela fissilis	-23.54	-46.63
Cedrela fissilis	-21.31	-47.56
Cedrela fissilis	-23.43	-45.07
Cedrela fissilis	-17.2322	-65.6329
Cedrela fissilis	-19.6424	-40.6642
Cedrela fissilis	-27.1022	-51.2836
Cedrela fissilis	-20.3259	-54.8455
Cedrela fissilis	-27.2344	-51.9642
Cedrela fissilis	-22.72	-47.64
Cedrela fissilis	-25.4497	-52.9081
Cedrela fissilis	-20.7539	-42.8819
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Cedrela fissilis	-1.45583	-48.5044
Cedrela fissilis	-22.7592	-43.4511
Cedrela fissilis	-22.9028	-43.2075
Cedrela fissilis	-25.56	-52.02
Cedrela fissilis	-25.2061	-49.115

Cedrela fissilis	-25.4586	-49.5283
Cedrela fissilis	-25.8558	-52.5233
Cedrela fissilis	-25.9836	-52.5686
Cedrela fissilis	-25.7697	-49.7158
Cedrela fissilis	-26.1494	-53.0261
Cedrela fissilis	-25.2953	-54.0939
Cedrela fissilis	-25.4294	-50.0064
Cedrela fissilis	-26.2286	-52.6706
Cedrela fissilis	-25.4417	-49.0633
Cedrela fissilis	-25.5347	-49.2064
Cedrela fissilis	-25.8742	-50.3828
Cedrela fissilis	-25.3722	-50.4613
Cedrela fissilis	-31.7719	-52.3425
Cedrela fissilis	-29.3353	-49.7269
Cedrela fissilis	-27.1266	-48.9102
Cedrela fissilis	-15.7797	-47.9297
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Cedrela fissilis	-19.4658	-44.2467
Cedrela fissilis	-23.4936	-50.6456
Cedrela fissilis	-25.4781	-49.2881
Cedrela fissilis	-23.9161	-51.9792
Cedrela fissilis	-25.095	-50.1619
Cedrela fissilis	-25.5478	-54.5881
Cedrela fissilis	-27.1781	-51.5047
Cedrela fissilis	-24.4164	-52.9847
Cedrela fissilis	-26.8749	-54.6473
Cedrela fissilis	-15.6171	-46.4303
Cedrela fissilis	-25.8775	-54.4111
Cedrela fissilis	-17.2942	-61.461
Cedrela fissilis	-15.9381	-47.9064
Cedrela fissilis	-15.7834	-47.9299
Cedrela fissilis	-19.2782	-44.4045

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Cedrela fissilis	-1.71678	-76.8797
Cedrela fissilis	-13.1911	-72.1536
Cedrela fissilis	-9.62172	-73.4449
Cedrela fissilis	-13.8566	-65.1539
Cedrela fissilis	-18.5486	-42.5569
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Cedrela fissilis	-24.7821	-65.4232
Cedrela fissilis	-25.6322	-54.5484
Cedrela fissilis	-26.4723	-49.8914
Cedrela fissilis	-22.8388	-57.1193
Cedrela fissilis	-11.7665	-76.6045
Cedrela fissilis	-6.98764	-62.684
Cedrela fissilis	-7.03953	-76.7291
Cedrela fissilis	-22.9269	-43.4558
Cedrela fissilis	-21.9236	-46.3861
Cedrela fissilis	-18.9689	-49.465
Cedrela fissilis	-16.7322	-43.9256
Cedrela fissilis	-16.7083	-43.9411
Cedrela fissilis	-16.8481	-43.5869
Cedrela fissilis	-17.1897	-44.57
Cedrela fissilis	-16.0444	-49.6233
Cedrela fissilis	-14.1956	-49.3386
Cedrela fissilis	-14.4739	-48.4597
Cedrela fissilis	-13.3983	-46.3183
Cedrela fissilis	-19.7122	-42.7322
Cedrela fissilis	-16.3575	-46.9061
Cedrela fissilis	-23.4361	-51.9697
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Cedrela fissilis	-22.7722	-53.2669
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Cedrela fissilis	-23.11	-50.3675
Cedrela fissilis	-22.9967	-51.1906
Cedrela fissilis	-23.2758	-51.2783
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Cedrela fissilis	-23.2542	-50.98
Cedrela fissilis	-23.7447	-51.3078
Cedrela fissilis	-23.3097	-51.3692
Cedrela fissilis	-23.295	-50.0772
Cedrela fissilis	-24.5094	-50.4136
Cedrela fissilis	-23.8706	-52.8761
Cedrela fissilis	-24.2458	-50.2428
Cedrela fissilis	-22.66	-50.41
Cedrela fissilis	-21.3472	-51.8567
Cedrela fissilis	-23.21	-47.52
Cedrela fissilis	-23.03	-46.97
Cedrela fissilis	-14.1956	-49.3386
Cedrela fissilis	-19.1689	-43.7144
Cedrela fissilis	-5.58	-43.38
Cedrela fissilis	-27.5628	-48.4647
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Cedrela fissilis	-22.6269	-50.8631
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Cedrela fissilis	-22.73	-45.59
Cedrela fissilis	-24.11	-49.34
Cedrela fissilis	-22.31	-49.06
Cedrela fissilis	-21.27	-47.3
Cedrela fissilis	-20.9	-49.26
Cedrela fissilis	-23.46	-46.53
Cedrela fissilis	-21.95	-47.99
Cedrela fissilis	-21.77	-48.56

Cedrela fissilis	-24.6758	-47.8769
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Cedrela fissilis	-20.25	-47.47
Cedrela fissilis	-20.6777	-51.1064
Cedrela fissilis	-22.61	-45.17
Cedrela fissilis	-21.99	-47.42
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Cedrela fissilis	-21	-48.22
Cedrela fissilis	-23.87	-47.99
Cedrela fissilis	-22.53	-52.16
Cedrela fissilis	-22.12	-47.66
Cedrela fissilis	-20.87	-48.29
Cedrela fissilis	-21.2558	-52.0369
Cedrela fissilis	-22.2669	-44.685
Cedrela fissilis	-22.8606	-44.1681
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Cedrela fissilis	-21.2453	-44.9997
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Cedrela fissilis	-12.67	-39.1019
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Cedrela fissilis	-10.403	-62.1189
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Cedrela fissilis	-24.42	-53.5214
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Cedrela fissilis	-19.5189	-41.0158
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Cedrela fissilis	-25.2795	-57.6026
Cedrela fissilis	-23.3175	-65.7622
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Cedrela fissilis	-25.3656	-49.0769
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Cedrela fissilis	-22.41	-47.56
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Cedrela fissilis	-21.25	-48.32
Cedrela fissilis	-23.18	-46.88
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Cedrela fissilis	-22.77	-47.29
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Cedrela fissilis	-20.8086	-51.6244
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Cedrela fissilis	-27.1494	-52.3106
Cedrela fissilis	-27.4892	-50.975
Cedrela fissilis	-8.14583	-36.3711
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Cedrela fissilis	-15.1022	-44.0919
Cedrela fissilis	0.714722	-75.2486
Cedrela fissilis	4.529722	-67.6069
Cedrela fissilis	-25.4931	-54.5736
Cedrela fissilis	-25.4964	-54.5728
Cedrela fissilis	-25.4194	-54.5917
Cedrela fissilis	-25.3903	-54.2614
Cedrela fissilis	-25.1467	-53.8486

Cedrela fissilis	-22.01	-47.89
Cedrela fissilis	-20.3781	-47.395
Cedrela fissilis	-23.8411	-48.7164
Cedrela fissilis	-23.0397	-48.1997
Cedrela fissilis	-23.0492	-48.1997
Cedrela fissilis	-23.0497	-48.2025
Cedrela fissilis	-23.3442	-47.9369
Cedrela fissilis	-22.8567	-47.6269
Cedrela fissilis	-21.3181	-48.2081
Cedrela fissilis	-21.1561	-48.0969
Cedrela fissilis	-21.3019	-48.1439
Cedrela fissilis	-21.6942	-47.3275
Cedrela fissilis	-23.1828	-46.5361
Cedrela fissilis	-23.1833	-46.5333
Cedrela fissilis	-21.6942	-47.3286
Cedrela fissilis	-21.9075	-46.755
Cedrela fissilis	-21.9797	-46.7453
Cedrela fissilis	-22.9281	-46.4308
Cedrela fissilis	-22.4217	-52.7558
Cedrela fissilis	-22.4156	-52.4175
Cedrela fissilis	-22.3975	-52.4156
Cedrela fissilis	-22.3633	-52.2567
Cedrela fissilis	-22.6608	-51.4908
Cedrela fissilis	-22.6611	-51.4931
Cedrela fissilis	-22.6614	-51.4956
Cedrela fissilis	-22.6614	-51.4964
Cedrela fissilis	-20.1486	-49.4114
Cedrela fissilis	-21.0364	-49.0297
Cedrela fissilis	-22.0677	-48.0146
Cedrela fissilis	-21.0264	-49.0211
Cedrela fissilis	-20.8839	-49.415
Cedrela fissilis	-20.9839	-49.655
Cedrela fissilis	-21.3058	-49.6078

Cedrela fissilis	-20.6503	-47.6619
Cedrela fissilis	-24.2031	-47.87
Cedrela fissilis	-24.2	-47.8667
Cedrela fissilis	-23.2833	-45.05
Cedrela fissilis	-23.2167	-45.0333
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Cedrela fissilis	-21.0766	-50.0552
Cedrela fissilis	-21.3682	-49.9288
Cedrela fissilis	-23.2231	-45.3106
Cedrela fissilis	-23.3342	-44.8322
Cedrela fissilis	-20.4736	-50.2933
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Cedrela fissilis	-21.0014	-49.9739
Cedrela fissilis	-20.9211	-49.9261
Cedrela fissilis	-20.9261	-49.3486
Cedrela fissilis	-23.2344	-45.0233
Cedrela fissilis	-22.786	-47.0056
Cedrela fissilis	-22.915	-46.8639
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Cedrela fissilis	-22.8264	-46.9396
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Cedrela fissilis	-23.3739	-45.0808
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Cedrela fissilis	-23.5833	-45.5167
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Cedrela fissilis	-22.4077	-49.7
Cedrela fissilis	-24.1843	-47.9238
Cedrela fissilis	-23.5328	-46.6348
Cedrela fissilis	-22.0892	-48.516

Cedrela fissilis	-22.1092	-48.0329
Cedrela fissilis	-22.1006	-48.1827
Cedrela fissilis	-22.108	-48.051
Cedrela fissilis	-22.0778	-48.1408
Cedrela fissilis	-23.7293	-46.6787
Cedrela fissilis	-23.6358	-46.6136
Cedrela fissilis	-23.3667	-46.4333
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Cedrela fissilis	-23.5743	-46.6287
Cedrela fissilis	-24.181	-47.9249
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Cedrela fissilis	-22.5755	-50.0583
Cedrela fissilis	-22.4863	-50.029
Cedrela fissilis	-22.5012	-50.0164
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Cedrela fissilis	-22.714	-49.6808
Cedrela fissilis	-22.6451	-49.7018
Cedrela fissilis	-22.6065	-49.0459
Cedrela fissilis	-22.6214	-48.9921
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Cedrela fissilis	-22.2981	-48.9996
Cedrela fissilis	-22.2882	-49.01
Cedrela fissilis	-22.3233	-48.9604
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Cedrela fissilis	-21.1163	-47.8835
Cedrela fissilis	-21.1215	-47.7643
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Cedrela fissilis	-21.3201	-47.8748
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Cedrela fissilis	-21.0923	-47.8053
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Cedrela fissilis	-21.3167	-47.8732
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Cedrela fissilis	-21.2807	-47.8385
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Cedrela fissilis	-21.2854	-47.8295
Cedrela fissilis	-21.2971	-47.8041
Cedrela fissilis	-21.2922	-47.822
Cedrela fissilis	-21.8169	-47.4167
Cedrela fissilis	-21.7169	-47.5831
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Cedrela fissilis	-21.9973	-49.118
Cedrela fissilis	-23.7348	-47.0581
Cedrela fissilis	-21.5433	-50.8421
Cedrela fissilis	-22.2223	-51.0436
Cedrela fissilis	-22.3714	-50.9788
Cedrela fissilis	-22.4837	-51.2346
Cedrela fissilis	-22.4778	-51.3148
Cedrela fissilis	-21.2356	-51.3799
Cedrela fissilis	-24.07	-47.9653
Cedrela fissilis	-13.1484	-55.4629
Cedrela fissilis	-27.9019	-49.1286
Cedrela fissilis	-26.7758	-51.0153
Cedrela fissilis	-27.4022	-51.2253
Cedrela fissilis	-27.5967	-48.5492
Cedrela fissilis	-27.1694	-53.7122

Cedrela fissilis	-28.3414	-48.82
Cedrela fissilis	-26.3708	-50.1447
Cedrela fissilis	-27.9617	-48.6836
Cedrela fissilis	-26.2386	-51.0786
Cedrela fissilis	-27.0506	-49.6228
Cedrela fissilis	-25.5373	-52.6136
Cedrela fissilis	-7.08444	-45.1411
Cedrela fissilis	-21.5878	-43.2656
Cedrela fissilis	-19.2744	-44.4042
Cedrela fissilis	-23.43	-47.06
Cedrela fissilis	-23.07	-44.96
Cedrela fissilis	-24.7	-47.55
Cedrela fissilis	-19.98	-50.29
Cedrela fissilis	-23.5228	-46.1883
Cedrela fissilis	-23.53	-45.84
Cedrela fissilis	-21.71	-47.47
Cedrela fissilis	-25.7336	-53.0572
Cedrela fissilis	-26.0811	-53.055
Cedrela fissilis	-12.9711	-38.5108
Cedrela fissilis	-25.2919	-49.2242
Cedrela fissilis	-14.6833	-39.1167
Cedrela fissilis	-5.07972	-45.2916
Cedrela fissilis	-27.4933	-50.8072
Cedrela fissilis	-27.4836	-50.8069
Cedrela fissilis	-26.9194	-49.0661
Cedrela fissilis	-27.2828	-50.5844
Cedrela fissilis	-29.3764	-51.1144
Cedrela fissilis	-29.1689	-51.7353
Cedrela fissilis	-24.0456	-52.3831
Cedrela fissilis	-24.1847	-53.0275
Cedrela fissilis	-19.88	-43.6697
Cedrela fissilis	-20.82	-49.37
Cedrela fissilis	-15.2298	-59.3365

Cedrela fissilis	-12.4167	-64.2333
Cedrela fissilis	-8.50056	-48.6008
Cedrela fissilis	-3.54972	-55.5703
Cedrela fissilis	-20.7636	-41.5331
Cedrela fissilis	-22.8369	-46.9328
Cedrela fissilis	-25.4458	-49.0637
Cedrela fissilis	-27.1333	-53.5
Cedrela fissilis	-6.43013	-78.7456
Cedrela fissilis	-24.922	-50.0976
Cedrela fissilis	-16.1667	-62.1167
Cedrela fissilis	-19.9246	-43.938
Cedrela fissilis	-19.4696	-44.2469
Cedrela fissilis	-8.05389	-34.8811
Cedrela fissilis	-7.09167	-39.6806
Cedrela fissilis	-16.3267	-48.9528
Cedrela fissilis	-10.1667	-59.4594
Cedrela fissilis	-27.4017	-51.225
Cedrela fissilis	-27.0706	-51.6617
Cedrela fissilis	-27.2992	-49.7903
Cedrela fissilis	-22.5403	-54.8436
Cedrela fissilis	-21.0083	-56.5083
Cedrela fissilis	-22.2211	-54.8056
Cedrela fissilis	-22.8547	-46.3183
Cedrela fissilis	-23.35	-47.68
Cedrela fissilis	-20.6153	-46.05
Cedrela fissilis	-14.9436	-60.0114
Cedrela fissilis	-16.2567	-56.6228
Cedrela fissilis	-15.6467	-56.1325
Cedrela fissilis	-30.8511	-51.8122
Cedrela fissilis	-29.3694	-49.8497
Cedrela fissilis	-29.3786	-50.8739
Cedrela fissilis	-30.1139	-51.325
Cedrela fissilis	-29.8867	-50.2697

Cedrela fissilis	-28.3583	-53.2472
Cedrela fissilis	-29.8175	-50.5197
Cedrela fissilis	-21.0406	-49.3703
Cedrela fissilis	-28.6386	-53.6064
Cedrela fissilis	2.907667	-61.3344
Cedrela odorata	19.84378	-100.93
Cedrela odorata	-0.89396	-89.5432
Cedrela odorata	-0.83839	-89.4593
Cedrela odorata	-0.86521	-89.5737
Cedrela odorata	-0.94943	-89.4916
Cedrela odorata	-0.92278	-91.1905
Cedrela odorata	18.39713	-66.7441
Cedrela odorata	25.85486	-107.89
Cedrela odorata	8.948308	-79.596
Cedrela odorata	17.06043	-89.1359
Cedrela odorata	18.76462	-90.8941
Cedrela odorata	21.82068	-98.801
Cedrela odorata	6.223782	-75.4605
Cedrela odorata	24.481	-106.701
Cedrela odorata	17.36816	-93.4567
Cedrela odorata	9.192811	-75.054
Cedrela odorata	18.30199	-67.2015
Cedrela dugesii	19.67227	-101.082
Cedrela odorata	20.34505	-87.3804
Cedrela odorata	-10.69	-75.21
Cedrela odorata	17.60517	-92.8942
Cedrela odorata	13.34257	-81.387
Cedrela odorata	16.73843	-93.057
Cedrela odorata	18.2744	-74.0976
Cedrela odorata	10.35295	-75.4286
Cedrela odorata	10.35339	-75.4329
Cedrela odorata	3.417152	-76.555
Cedrela odorata	7.788346	-80.5859

Cedrela odorata	9.993344	-83.9066
Cedrela odorata	9.897694	-75.1914
Cedrela odorata	-0.35731	-78.5772
Cedrela odorata	8.935917	-79.5457
Cedrela odorata	17.29645	-93.2836
Cedrela odorata	17.82801	-95.0757
Cedrela odorata	9.867145	-84.1486
Cedrela odorata	18.34871	-98.0078
Cedrela odorata	14.93703	-92.2034
Cedrela dugesii	19.61035	-101.388
Cedrela odorata	7.824635	-80.572
Cedrela odorata	20.97236	-89.7777
Cedrela odorata	20.87979	-89.6605
Cedrela odorata	4.642722	-74.1583
Cedrela odorata	18.99894	-99.0098
Cedrela odorata	15.60302	-85.9796
Cedrela odorata	7.817418	-80.7499
Cedrela odorata	8.141319	-80.9059
Cedrela odorata	8.534294	-82.6788
Cedrela dugesii	19.73053	-101.074
Cedrela odorata	4.946694	-75.9797
Cedrela odorata	20.69562	-105.088
Cedrela odorata	19.39461	-103.726
Cedrela dugesii	20.42446	-100.357
Cedrela odorata	-22.9848	-43.3211
Cedrela dugesii	20.03277	-100.743
Cedrela odorata	15.7687	-90.3471
Cedrela odorata	4.32554	-75.6976
Cedrela odorata	10.26139	-75.3092
Cedrela odorata	10.33704	-75.2215
Cedrela dugesii	20.00983	-100.675
Cedrela odorata	16.01016	-93.4925
Cedrela odorata	20.34517	-97.9029

Cedrela odorata	18.24929	-95.1849
Cedrela odorata	-12.7194	-41.2761
Cedrela dugesii	19.62699	-101.175
Cedrela odorata	24.42023	-106.611
Cedrela odorata	16.16939	-93.2577
Cedrela odorata	3.599083	-73.557
Cedrela odorata	10.2287	-83.9432
Cedrela odorata	6.994207	-73.8642
Cedrela odorata	7.170798	-73.1758
Cedrela odorata	17.49848	-92.0664
Cedrela odorata	10.89604	-85.6444
Cedrela odorata	16.57734	-93.6453
Cedrela odorata	17.40775	-92.0373
Cedrela odorata	17.46279	-91.6966
Cedrela odorata	20.6506	-103.258
Cedrela odorata	18.38642	-93.2894
Cedrela odorata	8.085555	-80.9113
Cedrela odorata	8.463269	-82.4677
Cedrela odorata	9.81141	-84.058
Cedrela odorata	14.65697	-87.8308
Cedrela odorata	16.40023	-93.7562
Cedrela odorata	18.59007	-89.8473
Cedrela odorata	19.39667	-104.764
Cedrela odorata	-25.3708	-48.8892
Cedrela odorata	11.86	-85.95
Cedrela odorata	19.65201	-90.6725
Cedrela odorata	16.91559	-99.6588
Cedrela odorata	8.277519	-82.8514
Cedrela odorata	4.675143	-73.2816
Cedrela odorata	5.474606	-75.5814
Cedrela odorata	5.474046	-75.581
Cedrela odorata	5.47964	-75.5826
Cedrela odorata	19.07659	-101.096

Cedrela odorata	14.46308	-61.0271
Cedrela odorata	7.997056	-77.1045
Cedrela odorata	7.85129	-80.6129
Cedrela odorata	8.584816	-77.8401
Cedrela odorata	8.704678	-78.2222
Cedrela odorata	-27.163	-54.6413
Cedrela odorata	15.69398	-87.4191
Cedrela odorata	-26.8682	-65.2089
Cedrela odorata	14.73565	-88.654
Cedrela odorata	-23.1	-49.4
Cedrela odorata	8.749917	-75.8956
Cedrela odorata	19.49645	-96.6184
Cedrela odorata	18.61238	-88.2774
Cedrela odorata	22.04689	-99.2133
Cedrela odorata	15.66115	-92.6068
Cedrela odorata	18.85609	-96.8999
Cedrela odorata	10.12832	-84.0237
Cedrela odorata	4.688932	-74.0993
Cedrela odorata	20.08258	-97.4829
Cedrela odorata	9.907565	-84.0165
Cedrela odorata	7.925643	-75.5412
Cedrela odorata	11.18879	-74.0772
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Cedrela odorata	6.706389	-77.4875
Cedrela odorata	3.46541	-76.6518
Cedrela odorata	20.11956	-88.8876
Cedrela odorata	21.81454	-99.06
Cedrela odorata	1.61438	-75.6062
Cedrela dugesii	20.63033	-100.23
Cedrela odorata	7.68838	-80.2285
Cedrela odorata	16.79668	-93.1624
Cedrela odorata	18.25722	-65.9852
Cedrela odorata	5.798554	-75.7157

Cedrela odorata	10.45981	-61.2301
Cedrela odorata	-11.46	-74.79
Cedrela odorata	-5.01738	-40.9161
Cedrela odorata	9.194316	-79.6882
Cedrela odorata	8.788581	-83.0007
Cedrela odorata	10.20538	-68.0607
Cedrela longipetiolulata	-10.0386	-75.5694
Cedrela odorata	15.25078	-92.5549
Cedrela odorata	21.02972	-75.9568
Cedrela odorata	21.01927	-86.9347
Cedrela odorata	5.797413	-75.7068
Cedrela odorata	5.800286	-75.7078
Cedrela odorata	21.09033	-89.2078
Cedrela odorata	-28.2014	-50.1567
Cedrela odorata	12.57	-84.69
Cedrela odorata	12.51	-84.73
Cedrela odorata	21.04197	-86.8487
Cedrela odorata	20.65325	-88.0787
Cedrela odorata	21.3289	-88.8669
Cedrela odorata	19.43534	-90.3373
Cedrela odorata	7.775539	-80.4137
Cedrela odorata	20.67982	-89.7925
Cedrela odorata	-27.5411	-50.1303
Cedrela odorata	17.0592	-61.8603
Cedrela odorata	17.06	-61.86
Cedrela odorata	6.842142	-73.3826
Cedrela odorata	-0.61857	-90.218
Cedrela odorata	-0.71287	-90.3297
Cedrela odorata	21.05198	-86.8533
Cedrela odorata	6.388069	-75.4463
Cedrela dugesii	19.78969	-101.214
Cedrela odorata	21.85952	-98.9999
Cedrela odorata	21.23791	-98.9868

Cedrela odorata	4.646084	-74.1753
Cedrela odorata	6.23308	-75.4522
Cedrela odorata	16.64571	-93.179
Cedrela odorata	23.32633	-106.282
Cedrela odorata	17.48652	-91.9227
Cedrela odorata	19.41128	-96.9573
Cedrela odorata	16.69092	-93.1531
Cedrela odorata	21.2387	-98.9246
Cedrela odorata	16.97541	-99.8863
Cedrela odorata	-19.5594	-43.9603
Cedrela odorata	-10.7281	-38.1835
Cedrela odorata	8.94393	-79.5178
Cedrela odorata	-0.60439	-90.3166
Cedrela odorata	-0.70388	-90.2914
Cedrela odorata	-0.67393	-90.3468
Cedrela odorata	-0.81129	-91.1592
Cedrela odorata	-0.02269	-74.7894
Cedrela odorata	16.90171	-97.6258
Cedrela dugesii	19.79452	-100.993
Cedrela dugesii	20.40932	-100.389
Cedrela odorata	9.469846	-79.1667
Cedrela odorata	16.87342	-93.108
Cedrela odorata	20.6836	-89.3611
Cedrela odorata	-1.40977	-77.8303
Cedrela odorata	-0.95278	-89.5259
Cedrela odorata	-0.88214	-89.5672
Cedrela odorata	12.89	-85.22
Cedrela odorata	13.05	-85.31
Cedrela odorata	20.81475	-89.6001
Cedrela odorata	5.59759	-72.3314
Cedrela odorata	-19.5697	-42.5515
Cedrela odorata	4.552097	-74.578
Cedrela odorata	4.525141	-74.483

Cedrela odorata	17.07364	-96.6085
Cedrela odorata	16.31156	-92.3249
Cedrela odorata	8.238856	-81.9612
Cedrela odorata	7.301389	-72.4764
Cedrela odorata	18.83082	-96.8847
Cedrela odorata	-18.7699	-43.2735
Cedrela odorata	-0.99	-77.82
Cedrela dugesii	20.02026	-100.796
Cedrela dugesii	20.19698	-100.692
Cedrela odorata	20.98543	-97.5747
Cedrela odorata	21.84923	-99.1052
Cedrela odorata	-0.87873	-89.5328
Cedrela odorata	6.046348	-75.8566
Cedrela odorata	1.985833	-74.0732
Cedrela odorata	20.61392	-103.21
Cedrela odorata	13.35	-86.53
Cedrela odorata	13.85019	-89.0673
Cedrela odorata	8.620687	-82.3958
Cedrela odorata	16.11809	-93.5355
Cedrela odorata	-0.11	-77.03
Cedrela odorata	18.88689	-99.0532
Cedrela odorata	-22.4156	-42.7381
Cedrela odorata	-0.6107	-90.3273
Cedrela odorata	18.36227	-94.925
Cedrela odorata	4.316255	-76.286
Cedrela odorata	21.56088	-105.028
Cedrela odorata	21.4254	-105.058
Cedrela odorata	6.691	-73.4435
Cedrela odorata	26.47685	-108.392
Cedrela odorata	16.84047	-90.9489
Cedrela odorata	19.04923	-96.5231
Cedrela odorata	-22.3969	-42.7375
Cedrela odorata	18.46948	-88.686

Cedrela odorata	4.021723	-73.5237
Cedrela odorata	4.084103	-73.5305
Cedrela odorata	18.90379	-99.2037
Cedrela odorata	16.94281	-93.0612
Cedrela odorata	16.97754	-93.0382
Cedrela odorata	-4.74486	-39.7031
Cedrela odorata	16.79962	-93.0531
Cedrela odorata	-14.65	-68.6
Cedrela odorata	-12.2914	-63.9992
Cedrela odorata	22.96456	-105.999
Cedrela odorata	-18	-51.84
Cedrela odorata	20.78606	-97.3745
Cedrela odorata	23.63247	-106.215
Cedrela odorata	13.69398	-89.1569
Cedrela odorata	15.45272	-93.1726
Cedrela odorata	-0.65539	-90.2146
Cedrela odorata	-1.03056	-77.9075
Cedrela odorata	5.055659	-75.4955
Cedrela odorata	21.92891	-98.9765
Cedrela odorata	16.92244	-99.9339
Cedrela odorata	-27.7175	-51.0286
Cedrela odorata	10.35014	-75.4305
Cedrela odorata	10.31011	-75.4547
Cedrela odorata	18.17223	-96.0631
Cedrela odorata	-0.7297	-90.4536
Cedrela odorata	10.39882	-75.5012
Cedrela odorata	15.99403	-61.6863
Cedrela odorata	16.08682	-61.7262
Cedrela odorata	15.3554	-92.7214
Cedrela odorata	9.885085	-84.7191
Cedrela odorata	19.29095	-103.769
Cedrela odorata	17.88484	-94.8269
Cedrela odorata	11.62	-86.16

Cedrela odorata	20.50349	-97.2318
Cedrela odorata	7.10478	-75.3767
Cedrela odorata	18.18552	-94.0364
Cedrela odorata	20.41336	-86.8428
Cedrela odorata	16.98996	-93.0122
Cedrela odorata	5.43604	-74.4361
Cedrela odorata	21.00961	-89.3459
Cedrela odorata	20.41069	-86.8471
Cedrela odorata	16.65648	-93.1161
Cedrela odorata	21.04293	-101.361
Cedrela odorata	4.763673	-74.1571
Cedrela odorata	1.614167	-75.6117
Cedrela odorata	16.22735	-61.7635
Cedrela odorata	15.95965	-61.6946
Cedrela odorata	16.76743	-93.0056
Cedrela odorata	20.58074	-97.3393
Cedrela odorata	19.94061	-97.1307
Cedrela odorata	16.22822	-90.9665
Cedrela dugesii	20.61357	-99.8827
Cedrela odorata	22.02526	-98.8386
Cedrela odorata	22.02324	-98.8751
Cedrela odorata	4.703197	-74.0734
Cedrela odorata	10.08583	-73.6856
Cedrela odorata	10.19306	-73.7925
Cedrela odorata	6.286904	-75.5196
Cedrela odorata	16.97492	-93.0347
Cedrela odorata	-21.8778	-41.9197
Cedrela odorata	-21.8786	-41.9192
Cedrela odorata	5.870294	-75.1496
Cedrela odorata	19.41135	-90.2977
Cedrela odorata	19.40124	-90.2155
Cedrela odorata	20.35209	-89.6478
Cedrela odorata	20.91169	-89.4586

Cedrela odorata	21.80652	-98.8412
Cedrela odorata	6.824821	-75.3964
Cedrela odorata	-22.9564	-43.2853
Cedrela odorata	-11	-75.43
Cedrela odorata	16.86403	-95.7515
Cedrela odorata	10.32308	-75.5208
Cedrela odorata	19.6162	-101.106
Cedrela odorata	-15.6205	-56.0861
Cedrela odorata	10.38865	-75.5598
Cedrela odorata	10.34872	-75.4445
Cedrela odorata	10.3756	-75.3505
Cedrela odorata	-10.18	-75.57
Cedrela odorata	4.574639	-74.3424
Cedrela odorata	20.75833	-87.6273
Cedrela odorata	-10.94	-74.21
Cedrela odorata	-10.95	-74.2
Cedrela odorata	16.82433	-93.1978
Cedrela odorata	9.658998	-75.0946
Cedrela odorata	10.35963	-75.5787
Cedrela odorata	19.03624	-96.4086
Cedrela odorata	16.96637	-93.1234
Cedrela odorata	12.94	-85.08
Cedrela odorata	20.88008	-98.1006
Cedrela odorata	1.084	-76.6327
Cedrela odorata	12.3	-85.32
Cedrela odorata	12.45	-84.96
Cedrela odorata	12.26	-85.28
Cedrela odorata	19.21281	-96.5755
Cedrela odorata	-3.38194	-51.8808
Cedrela odorata	18.83375	-97.0008
Cedrela odorata	16.81987	-93.4493
Cedrela odorata	3.678056	-74.9462
Cedrela odorata	9.995717	-72.999

Cedrela odorata	16.6734	-92.9848
Cedrela odorata	18.1975	-77.3958
Cedrela odorata	4.051778	-71.3916
Cedrela odorata	5.365683	-75.4648
Cedrela odorata	20.80233	-105.425
Cedrela odorata	19.73508	-90.5225
Cedrela odorata	7.583333	-74.8167
Cedrela odorata	7.866667	-74.7833
Cedrela odorata	21.40133	-99.1859
Cedrela odorata	18.66116	-92.199
Cedrela odorata	21.08236	-98.3907
Cedrela odorata	12.88	-85.43
Cedrela odorata	12.3	-85.31
Cedrela odorata	13.74	-86.38
Cedrela odorata	13.67	-86.19
Cedrela odorata	19.22759	-96.4942
Cedrela odorata	19.23533	-96.5158
Cedrela odorata	14.7196	-61.1639
Cedrela odorata	-15	-47
Cedrela odorata	16.711	-93.147
Cedrela odorata	-10.7031	-38.185
Cedrela odorata	20.89312	-88.145
Cedrela odorata	7.071056	-73.0702
Cedrela odorata	-1.41816	-48.4113
Cedrela odorata	4.19576	-76.4147
Cedrela odorata	12.39	-84.88
Cedrela odorata	12.89	-85.71
Cedrela odorata	12.73	-85.74
Cedrela odorata	5.2025	-74.8497
Cedrela odorata	5.7852	-75.6652
Cedrela dugesii	21.73331	-102.766
Cedrela odorata	-14.09	-67.82
Cedrela odorata	-14.08	-67.79

Cedrela odorata	16.99369	-94.6219
Cedrela odorata	5.73	-75.6141
Cedrela odorata	-26.3675	-49.6861
Cedrela odorata	10.35	-85.35
Cedrela odorata	-13.43	-67.9
Cedrela dugesii	20.38777	-100.859
Cedrela odorata	11.68	-86.03
Cedrela odorata	-13.44	-67.91
Cedrela odorata	18.20669	-96.7456
Cedrela odorata	-9.91722	-37.2781
Cedrela dugesii	20.47733	-100.892
Cedrela odorata	15.08692	-92.1446
Cedrela odorata	-8.44417	-38.7553
Cedrela odorata	-8.72583	-39.25
Cedrela odorata	-13.3197	-39.2394
Cedrela odorata	19.22229	-96.4946
Cedrela odorata	-18.49	-47.1878
Cedrela odorata	-11.0014	-55.4911
Cedrela odorata	-21.5539	-41.5539
Cedrela odorata	-10.7083	-38.1833
Cedrela odorata	9.5395	-75.3458
Cedrela dugesii	20.50286	-100.93
Cedrela odorata	18.25817	-92.4197
Cedrela odorata	19.21062	-103.771
Cedrela odorata	-3.38389	-51.8822
Cedrela odorata	-14.9397	-39.2403
Cedrela odorata	16.72	-94.75
Cedrela odorata	20.47872	-97.2629
Cedrela odorata	3.37367	-76.5368
Cedrela odorata	3.37416	-76.5369
Cedrela odorata	3.373865	-76.5369
Cedrela odorata	3.373936	-76.5368
Cedrela odorata	3.379176	-76.5328

Cedrela odorata	3.373251	-76.5315
Cedrela odorata	3.373105	-76.5312
Cedrela odorata	3.373929	-76.5313
Cedrela odorata	3.373096	-76.5312
Cedrela odorata	3.37311	-76.5313
Cedrela odorata	3.373103	-76.5313
Cedrela odorata	3.373137	-76.5312
Cedrela odorata	3.373005	-76.5306
Cedrela odorata	3.374287	-76.5353
Cedrela odorata	3.373693	-76.5339
Cedrela odorata	3.373803	-76.5346
Cedrela odorata	12.94	-85.41
Cedrela odorata	12.2	-85.18
Cedrela odorata	6.819078	-71.0708
Cedrela odorata	-10.32	-75.14
Cedrela dugesii	22.12164	-102.511
Cedrela odorata	18.16194	-97.1069
Cedrela odorata	-9.61083	-65.4678
Cedrela dugesii	22.23469	-102.425
Cedrela odorata	16.54894	-95.238
Cedrela odorata	16.92311	-95.7815
Cedrela dugesii	21.85806	-102.823
Cedrela dugesii	22.03019	-102.562
Cedrela odorata	-12.5606	-70.0932
Cedrela odorata	-7.44997	-39.0693
Cedrela odorata	7.2525	-73.2149
Cedrela dugesii	21.77778	-102.637
Cedrela odorata	-22	-53
Cedrela odorata	-22	-52
Cedrela dugesii	21.84119	-102.702
Cedrela dugesii	21.77781	-102.637
Cedrela odorata	-9.02639	-37.5708
Cedrela odorata	11.39	-85.78

Cedrela dugesii	21.93954	-102.563
Cedrela odorata	18.45	-89.52
Cedrela odorata	4.04125	-76.3043
Cedrela odorata	11.9	-85.44
Cedrela odorata	7.154583	-72.4232
Cedrela odorata	8.767761	-83.5947
Cedrela odorata	-9.34639	-56.7756
Cedrela odorata	9.170612	-79.6042
Cedrela odorata	6.5432	-71.6773
Cedrela odorata	-7.23267	-38.653
Cedrela odorata	19.01261	-96.7211
Cedrela odorata	-4.56024	-39.6912
Cedrela odorata	-10.2	-75.58
Cedrela odorata	-10.0361	-37.4098
Cedrela dugesii	20.4404	-100.255
Cedrela odorata	9.38	-82.27
Cedrela odorata	-3.80861	-40.9606
Cedrela odorata	20.10164	-97.46
Cedrela odorata	20.05417	-97.5007
Cedrela odorata	16.79639	-98.2114
Cedrela odorata	12.58	-86.03
Cedrela odorata	8.32595	-73.7434
Cedrela odorata	-7.00639	-38.2239
Cedrela odorata	-3.72	-40.9353
Cedrela odorata	-3.71821	-40.9593
Cedrela odorata	13.81063	-89.5802
Cedrela odorata	-11.4134	-58.7495
Cedrela odorata	-17.6872	-50.0803
Cedrela odorata	17.01459	-93.3843
Cedrela odorata	17.10745	-93.3866
Cedrela odorata	-17.6883	-50.08
Cedrela odorata	6.551078	-71.7073
Cedrela odorata	-17.7208	-50.1072

Cedrela odorata	4.722333	-76.2136
Cedrela odorata	4.725639	-76.2149
Cedrela odorata	13.23	-86.23
Cedrela odorata	20.16966	-97.4302
Cedrela odorata	20.02527	-97.5599
Cedrela odorata	19.09479	-98.2957
Cedrela odorata	4.891667	-73.2817
Cedrela odorata	19.15291	-98.2517
Cedrela odorata	6.306188	-74.7985
Cedrela odorata	-23.3303	-45.9453
Cedrela odorata	18.11	-94.38
Cedrela odorata	8.570519	-72.7825
Cedrela odorata	7.946349	-72.6194
Cedrela odorata	18.09472	-94.3764
Cedrela odorata	10.904	-85.303
Cedrela odorata	7.228142	-75.4852
Cedrela odorata	6.542017	-75.2329
Cedrela dugesii	19.55	-101.37
Cedrela dugesii	19.5975	-101.366
Cedrela odorata	11.75	-85.95
Cedrela odorata	5.436163	-72.4515
Cedrela odorata	10.84	-85.61
Cedrela odorata	-14.855	-39.0444
Cedrela odorata	-8.37564	-36.5937
Cedrela odorata	12.34	-85.31
Cedrela odorata	12.35	-85.22
Cedrela odorata	7.971886	-75.614
Cedrela odorata	8.097897	-75.9961
Cedrela odorata	-9.38108	-62.9795
Cedrela odorata	-21.7972	-41.4481
Cedrela odorata	16.81781	-93.1746
Cedrela odorata	14.97073	-89.1386
Cedrela odorata	14.83339	-89.0808

Cedrela odorata	14.81991	-89.0653
Cedrela odorata	-20.4972	-41.8208
Cedrela odorata	7.2829	-74.8318
Cedrela odorata	-15.46	-68.35
Cedrela odorata	6.168333	-74.7936
Cedrela odorata	-6.97	-77.88
Cedrela odorata	-7.83397	-38.1212
Cedrela odorata	16.81	-93.2
Cedrela dugesii	19.55389	-101.371
Cedrela odorata	-7.21667	-47.7464
Cedrela odorata	-14.4395	-67.5259
Cedrela odorata	-14.3743	-67.494
Cedrela odorata	6.183333	-74.75
Cedrela odorata	6.53009	-73.2086
Cedrela odorata	4.215496	-73.8149
Cedrela odorata	4.410347	-75.6736
Cedrela odorata	1.542056	-75.6593
Cedrela odorata	6.549869	-74.7943
Cedrela odorata	-22.3197	-42.3375
Cedrela odorata	8.1	-82.87
Cedrela odorata	8.25	-81.86
Cedrela odorata	8.100014	-82.8661
Cedrela odorata	8.253903	-81.8642
Cedrela odorata	8.1	-82.8663
Cedrela odorata	8.483217	-82.5623
Cedrela odorata	9.399917	-82.5645
Cedrela odorata	9.408783	-82.5615
Cedrela odorata	8.0878	-82.8742
Cedrela odorata	8.254033	-81.8643
Cedrela odorata	9.536717	-82.5684
Cedrela odorata	8.849667	-82.1823
Cedrela odorata	5.795	-75.6697
Cedrela odorata	-7.30061	-39.3006

Cedrela odorata	-10.13	-75.37
Cedrela odorata	-1.18523	-77.7814
Cedrela odorata	19.11363	-96.1158
Cedrela odorata	12.18	-85.32
Cedrela odorata	-14.75	-68.95
Cedrela odorata	1.439056	-75.5117
Cedrela dugesii	20.74315	-104.082
Cedrela odorata	8.676967	-82.2118
Cedrela dugesii	21.82206	-102.847
Cedrela dugesii	21.77205	-102.715
Cedrela odorata	-20.9762	-41.3288
Cedrela longipetiolulata	-13.0606	-67.942
Cedrela odorata	-1.65	-79.33
Cedrela odorata	-23.7689	-46.2858
Cedrela odorata	19.55	-101.35
Cedrela odorata	19.55444	-101.352
Cedrela odorata	-9.3957	-55.1252
Cedrela odorata	8.57313	-77.2926
Cedrela odorata	20.08	-97.48
Cedrela odorata	16.79	-93.08
Cedrela odorata	16.80667	-93.0989
Cedrela odorata	-8.23833	-35.9222
Cedrela dugesii	20.5245	-100.361
Cedrela dugesii	20.525	-100.342
Cedrela odorata	-3.11903	-60.0217
Cedrela odorata	-18.75	-40.4333
Cedrela dugesii	19.69517	-101.17
Cedrela odorata	18.44123	-95.2026
Cedrela odorata	6.828108	-75.1525
Cedrela odorata	20.04	-97.31
Cedrela odorata	-9.22833	-64.6397
Cedrela odorata	-18.7769	-40.4439
Cedrela odorata	20.04472	-97.3097

Cedrela odorata	1.79075	-76.1286
Cedrela odorata	20.04472	-97.3097
Cedrela odorata	9.26006	-79.7677
Cedrela dugesii	21.74139	-102.728
Cedrela odorata	-10.17	-75.3
Cedrela odorata	3.5048	-76.3567
Cedrela odorata	10.837	-85.618
Cedrela odorata	5.69036	-77.254
Cedrela odorata	16.97361	-89.6231
Cedrela odorata	16.97361	-89.6231
Cedrela odorata	-20.6192	-45.9947
Cedrela odorata	-23.2304	-46.9358
Cedrela odorata	-14.79	-68.59
Cedrela odorata	-20.0231	-43.5017
Cedrela odorata	-21.3403	-41.2097
Cedrela odorata	19.65	-101.28
Cedrela odorata	-14.6	-68.94
Cedrela odorata	-14.6	-68.93
Cedrela odorata	19.64694	-101.276
Cedrela odorata	-0.9095	-89.5913
Cedrela odorata	18.44722	-88.5294
Cedrela odorata	-9.45306	-55.8169
Cedrela odorata	-23.4722	-46.7694
Cedrela odorata	-8.58708	-36.8961
Cedrela odorata	-14.4167	-39.0833
Cedrela dugesii	20.80528	-100.507
Cedrela dugesii	20.525	-100.361
Cedrela odorata	-12.54	-69.05
Cedrela odorata	-14.3875	-44.5536
Cedrela odorata	-10.2	-75.36
Cedrela odorata	-10.1	-75.55
Cedrela odorata	-20.9639	-55.6864
Cedrela odorata	-22.5418	-42.8375

Cedrela dugesii	20.70583	-101.396
Cedrela odorata	-20.2949	-43.5889
Cedrela odorata	-20.5586	-54.7875
Cedrela odorata	17.37497	-95.214
Cedrela odorata	17.37497	-95.214
Cedrela odorata	-1.26	-77.89
Cedrela odorata	-23.4	-45.1833
Cedrela odorata	9.299167	-73.7807
Cedrela odorata	-22.3333	-49.0167
Cedrela odorata	12.54308	-81.7175
Cedrela odorata	-21.95	-63.92
Cedrela odorata	2.81	-53.37
Cedrela odorata	-12.65	-72.92
Cedrela odorata	-0.74205	-90.3128
Cedrela odorata	-0.67892	-90.3752
Cedrela odorata	-0.69222	-90.3378
Cedrela odorata	-0.68967	-90.3156
Cedrela odorata	-0.63714	-90.4296
Cedrela odorata	9.34001	-75.8676
Cedrela dugesii	20.67641	-104.037
Cedrela odorata	-0.66914	-90.2733
Cedrela odorata	-0.66947	-90.2733
Cedrela odorata	-0.71508	-90.3259
Cedrela odorata	-0.71208	-90.3238
Cedrela odorata	-0.66942	-90.2733
Cedrela odorata	15.43444	-92.0581
Cedrela odorata	-10.9222	-39.0831
Cedrela odorata	-4.65	-73.82
Cedrela odorata	7.391583	-72.9656
Cedrela odorata	-0.63539	-90.4324
Cedrela odorata	20.66528	-88.9389
Cedrela odorata	-1.30925	-90.4431
Cedrela odorata	-8.43417	-37.0017

Cedrela odorata	-0.91606	-89.4599
Cedrela odorata	-23.3735	-45.0802
Cedrela odorata	15.85366	-96.5976
Cedrela odorata	10.00083	-84.8281
Cedrela odorata	0.08333	-79.9333
Cedrela odorata	10.00083	-84.8281
Cedrela odorata	-7.25167	-37.3828
Cedrela odorata	17.98622	-96.6522
Cedrela odorata	5.6932	-76.6514
Cedrela odorata	14.25	-85.17
Cedrela odorata	-0.62	-75.86
Cedrela odorata	-0.49	-76.08
Cedrela odorata	17.565	-92.9289
Cedrela odorata	11.97	-86.25
Cedrela odorata	-0.65683	-90.4279
Cedrela odorata	-1.28892	-90.4501
Cedrela odorata	-15.21	-68.65
Cedrela odorata	-0.92	-75.37
Cedrela odorata	18.15947	-96.3474
Cedrela odorata	-21.04	-63.37
Cedrela odorata	-6.42	-77.43
Cedrela odorata	2.325	-56.7889
Cedrela odorata	20.68972	-98.0097
Cedrela odorata	19.27278	-96.5014
Cedrela dugesii	20.53003	-100.361
Cedrela odorata	-0.85456	-91.0147
Cedrela odorata	5.553806	-74.8809
Cedrela odorata	5.563333	-74.9042
Cedrela odorata	-10.38	-75.07
Cedrela odorata	1.725583	-76.1184
Cedrela odorata	7.24025	-73.0976
Cedrela odorata	-18.31	-63.67
Cedrela odorata	-2.93028	-69.7934

Cedrela odorata	6.235278	-75.5961
Cedrela odorata	13.8	-90.07
Cedrela odorata	-0.1	-76.15
Cedrela odorata	13.8	-90.0667
Cedrela odorata	8.409167	-77.1417
Cedrela odorata	19.16639	-89.2567
Cedrela odorata	-0.95	-77.92
Cedrela odorata	-0.37	-76.55
Cedrela odorata	20.61667	-87.6528
Cedrela odorata	6.488	-73.1431
Cedrela odorata	15.97972	-93.2522
Cedrela odorata	-10.5	-39
Cedrela odorata	16.11	-93.43
Cedrela odorata	16.11111	-93.4319
Cedrela odorata	19.31833	-88.8528
Cedrela odorata	-0.43	-76.52
Cedrela odorata	-10.07	-75.55
Cedrela odorata	20.64583	-87.6314
Cedrela odorata	20.64583	-87.6314
Cedrela odorata	-12.57	-70.1
Cedrela odorata	19.67	-89.11
Cedrela odorata	19.28	-88.76
Cedrela odorata	17.64111	-97.1289
Cedrela odorata	1.6205	-75.6621
Cedrela odorata	19.27889	-88.7586
Cedrela odorata	19.26	-88.1325
Cedrela dugesii	20.33417	-100.98
Cedrela odorata	18.66628	-89.4054
Cedrela odorata	16.06103	-93.3701
Cedrela odorata	-18.6594	-52.8531
Cedrela odorata	-11.1	-75.35
Cedrela odorata	-10.53	-75.43
Cedrela odorata	-22.4511	-43.0014

Cedrela odorata	1.737028	-75.6469
Cedrela dugesii	19.18806	-98.9825
Cedrela odorata	-4.95	-73.72
Cedrela odorata	-0.87042	-91.0145
Cedrela odorata	-4.28528	-39.0106
Cedrela odorata	-22.9667	-43.2167
Cedrela odorata	16.05972	-93.3361
Cedrela odorata	16.05972	-93.3361
Cedrela odorata	16.04833	-93.4383
Cedrela odorata	16.11083	-93.4592
Cedrela odorata	7.150294	-72.1581
Cedrela odorata	16.10111	-93.4592
Cedrela odorata	16.04833	-93.4383
Cedrela odorata	16.11111	-93.4319
Cedrela odorata	18.28	-97.17
Cedrela odorata	7.037847	-73.0718
Cedrela odorata	18.28444	-97.1708
Cedrela odorata	-14.8	-39.1667
Cedrela odorata	16.93	-91.27
Cedrela odorata	18.41	-89.49
Cedrela odorata	16.92917	-91.27
Cedrela odorata	18.40944	-89.4925
Cedrela odorata	16.92917	-91.27
Cedrela odorata	18.40944	-89.4925
Cedrela odorata	16.96	-91.26
Cedrela odorata	-0.65	-79.08
Cedrela odorata	16.96361	-91.26
Cedrela odorata	16.96361	-91.26
Cedrela odorata	5.751	-75.6966
Cedrela odorata	-27.4258	-56.7986
Cedrela odorata	9.778611	-84.6061
Cedrela odorata	-8.20036	-36.4036
Cedrela odorata	5.127139	-75.7199

Cedrela odorata	16.15083	-93.6397
Cedrela odorata	-14.42	-67.91
Cedrela odorata	-5.58	-77.33
Cedrela odorata	19.78747	-88.1664
Cedrela odorata	-0.72	-77.65
Cedrela odorata	19.90278	-104.54
Cedrela odorata	0.554206	-74.398
Cedrela odorata	13.88	-88.95
Cedrela odorata	13.88333	-88.95
Cedrela odorata	16.98556	-91.285
Cedrela odorata	24.93917	-106.881
Cedrela odorata	-14.5562	-67.6761
Cedrela odorata	24.93917	-106.881
Cedrela odorata	-0.67167	-90.3942
Cedrela odorata	-19.9075	-40.5531
Cedrela odorata	18.67694	-88.3919
Cedrela dugesii	21.77127	-102.645
Cedrela dugesii	21.73497	-102.732
Cedrela dugesii	21.77667	-102.64
Cedrela odorata	7.83803	-75.0158
Cedrela odorata	-0.58731	-90.3527
Cedrela odorata	16.95639	-89.4697
Cedrela odorata	-14.47	-68.2
Cedrela odorata	-14.45	-68.19
Cedrela dugesii	20.52111	-100.357
Cedrela odorata	6.466667	-74.35
Cedrela odorata	12.58	-87
Cedrela odorata	8.84972	-83.1042
Cedrela odorata	-14.36	-67.96
Cedrela odorata	2.214167	-73.7917
Cedrela odorata	-20.2564	-45.6692
Cedrela dugesii	19.56222	-101.716
Cedrela odorata	19.32714	-96.4806

Cedrela odorata	21.9306	-84.5292
Cedrela odorata	-22.8637	-47.0868
Cedrela odorata	-0.7	-76.48
Cedrela odorata	-22.33	-63.78
Cedrela odorata	-12.65	-40.6
Cedrela odorata	-14.2325	-44.6153
Cedrela odorata	-14.21	-67.96
Cedrela odorata	-14.23	-67.94
Cedrela odorata	21.10833	-89.3583
Cedrela odorata	21.1	-89.6028
Cedrela odorata	21.1	-89.6056
Cedrela dugesii	20.9625	-103.303
Cedrela odorata	-14.2093	-67.9607
Cedrela odorata	-13.9366	-68.2002
Cedrela odorata	-1.27167	-48.24
Cedrela dugesii	20.96322	-103.306
Cedrela dugesii	20.9625	-103.303
Cedrela odorata	-14.1764	-67.9111
Cedrela odorata	-14.1737	-67.9156
Cedrela odorata	-14.1756	-67.9187
Cedrela dugesii	20.807	-100.506
Cedrela odorata	18.3208	-68.8119
Cedrela odorata	15.77278	-93.09
Cedrela odorata	-21.3623	-47.8954
Cedrela odorata	-21.2346	-47.7041
Cedrela odorata	14.42	-89.35
Cedrela odorata	14.41667	-89.35
Cedrela odorata	-19.9167	-49.5167
Cedrela odorata	14.31181	-89.1423
Cedrela odorata	-17.3517	-59.6436
Cedrela odorata	1.904861	-72.4307
Cedrela odorata	-15.1603	-39.5361
Cedrela odorata	10.17148	-85.5952

Cedrela odorata	17.42778	-93.0306
Cedrela odorata	-8.20139	-36.3892
Cedrela odorata	-15.7811	-47.7972
Cedrela odorata	-13.6833	-46.85
Cedrela odorata	20.79222	-98.1292
Cedrela odorata	20.77083	-98.1428
Cedrela odorata	20.79222	-98.1292
Cedrela odorata	18.54528	-88.2978
Cedrela odorata	-5.68	-77.65
Cedrela odorata	19.94306	-90.3764
Cedrela odorata	12.42	-86.88
Cedrela odorata	12.41667	-86.8833
Cedrela odorata	3.75	-53.03
Cedrela odorata	13.82	-89.98
Cedrela odorata	21.20639	-98.4008
Cedrela odorata	5.485603	-75.0687
Cedrela odorata	-23.7359	-46.9762
Cedrela odorata	-3.43	-78.58
Cedrela odorata	13.86	-88.85
Cedrela odorata	13.85	-88.83
Cedrela odorata	13.7	-89.22
Cedrela odorata	13.87417	-88.8589
Cedrela odorata	13.7	-89.2167
Cedrela odorata	20.22944	-97.7958
Cedrela odorata	13.7	-89.217
Cedrela odorata	20.22944	-97.7958
Cedrela odorata	-2.1	-78.18
Cedrela odorata	-2.22	-78.25
Cedrela odorata	21.2	-87.18
Cedrela odorata	19.52472	-98.8944
Cedrela odorata	19.50556	-98.8819
Cedrela odorata	19.51	-98.9056
Cedrela odorata	19.52917	-98.8861

Cedrela odorata	19.51	-98.8797
Cedrela odorata	19.53028	-98.8958
Cedrela odorata	19.51	-98.88
Cedrela odorata	19.52361	-98.8847
Cedrela odorata	19.52333	-98.8917
Cedrela odorata	19.525	-98.8917
Cedrela odorata	16.74194	-88.9894
Cedrela odorata	17.21767	-88.6848
Cedrela odorata	-9.39	-69.96
Cedrela odorata	20.02833	-97.5083
Cedrela odorata	20.03472	-97.4364
Cedrela odorata	20.01694	-97.5208
Cedrela odorata	20.01667	-97.5206
Cedrela odorata	20.01694	-97.5206
Cedrela odorata	20.02833	-97.575
Cedrela odorata	20.01667	-97.5208
Cedrela odorata	20.075	-97.5583
Cedrela odorata	15.9725	-96.0161
Cedrela odorata	-5.95	-77.35
Cedrela odorata	13.48333	-88.5333
Cedrela odorata	20.23667	-90.105
Cedrela odorata	19.76139	-90.4842
Cedrela odorata	17.36833	-93.0153
Cedrela odorata	17.16056	-94.3522
Cedrela odorata	22.55611	-99.1264
Cedrela odorata	22.53111	-99.2372
Cedrela odorata	22.825	-99.3222
Cedrela odorata	-2.262	-77.208
Cedrela odorata	9.24	-70.09
Cedrela odorata	16.84167	-93.2083
Cedrela odorata	18.23333	-94.8667
Cedrela odorata	4.15	-76.35
Cedrela odorata	-2.7	-78.3

Cedrela odorata	13.2	-86.3
Cedrela odorata	20.32	-90.03
Cedrela odorata	20.21194	-88.0856
Cedrela odorata	16.55833	-93.835
Cedrela odorata	19.45194	-89.7389
Cedrela odorata	16.55833	-93.8544
Cedrela odorata	16.55833	-93.8544
Cedrela odorata	20.50833	-90.4092
Cedrela odorata	-1.1	-80.87
Cedrela odorata	-7.19	-37.43
Cedrela odorata	13.87	-88.85
Cedrela odorata	13.86778	-88.8511
Cedrela odorata	20.06333	-97.2617
Cedrela odorata	-0.98	-76.22
Cedrela odorata	-0.86	-76.28
Cedrela odorata	13.64	-89.06
Cedrela odorata	-7.18611	-37.4314
Cedrela odorata	13.63778	-89.0564
Cedrela odorata	19.99333	-97.3683
Cedrela odorata	19.98389	-97.3708
Cedrela odorata	19.99333	-97.3683
Cedrela odorata	-23.84	-56.4
Cedrela odorata	18.77	-89.35
Cedrela odorata	18.77639	-89.3542
Cedrela odorata	18.76755	-89.3743
Cedrela odorata	18.7725	-89.3528
Cedrela odorata	6.32	-65.35
Cedrela odorata	-11.6833	-73
Cedrela odorata	17.63361	-91.8236
Cedrela odorata	2.376306	-72.6382
Cedrela odorata	-0.47	-78.05
Cedrela odorata	19.52917	-90.1819
Cedrela odorata	20.04222	-90.2261

Cedrela odorata	19.92639	-90.3897
Cedrela odorata	20.23889	-97.9042
Cedrela odorata	17.52378	-96.2795
Cedrela odorata	19.92778	-90.3917
Cedrela odorata	20.04167	-90.1778
Cedrela odorata	19.52917	-90.1819
Cedrela odorata	20.23889	-97.9042
Cedrela odorata	9.49	-84.01
Cedrela dugesii	17.56167	-99.925
Cedrela odorata	20.07917	-97.3833
Cedrela odorata	3.593889	-74.0978
Cedrela odorata	20.07917	-97.3833
Cedrela odorata	20.00222	-97.6708
Cedrela odorata	20.00222	-97.6708
Cedrela odorata	-21.3508	-52.101
Cedrela odorata	13.7	-89.25
Cedrela odorata	25.51667	-107.463
Cedrela odorata	9.45	-83.83
Cedrela odorata	5.04363	-75.8936
Cedrela odorata	20.19028	-97.8083
Cedrela odorata	21.21667	-87.1833
Cedrela odorata	20.19028	-97.8083
Cedrela odorata	-0.38	-76.67
Cedrela odorata	-18.6	-64.02
Cedrela odorata	20.04639	-97.4617
Cedrela odorata	-4.12	-72.93
Cedrela odorata	9.9	-84.27
Cedrela odorata	18.59	-89.41
Cedrela odorata	18.59806	-89.4178
Cedrela odorata	18.5925	-89.4178
Cedrela odorata	11.45556	-86.075
Cedrela odorata	18.59417	-89.4133
Cedrela odorata	9.90556	-84.275

Cedrela odorata	-14.22	-69.17
Cedrela odorata	5.285417	-72.6789
Cedrela odorata	18.38	-70.45
Cedrela odorata	-0.63	-76.46
Cedrela odorata	-1.45	-77.45
Cedrela odorata	-0.62728	-76.4623
Cedrela odorata	9.92	-84.25
Cedrela odorata	5.92	-75.83
Cedrela odorata	9.92	-84.2597
Cedrela odorata	9.92	-84.26
Cedrela odorata	18.23	-89.45
Cedrela odorata	19.82361	-90.5722
Cedrela odorata	19.6	-96.3783
Cedrela odorata	19.843	-90.5315
Cedrela odorata	19.825	-90.5694
Cedrela odorata	18.22778	-89.4533
Cedrela odorata	2.813611	-74.8386
Cedrela dugesii	22.03874	-102.719
Cedrela odorata	8.333333	-71.7167
Cedrela odorata	16.89822	-91.9646
Cedrela odorata	16.73333	-91.0833
Cedrela odorata	18.66667	-89.4333
Cedrela odorata	18.667	-89.433
Cedrela odorata	16.733	-91.083
Cedrela odorata	17.14389	-95.1822
Cedrela odorata	7.65	-73.1833
Cedrela odorata	16.88333	-91.3083
Cedrela odorata	1.082009	-76.6322
Cedrela odorata	21.25	-97.9589
Cedrela odorata	-12.66	-68.74
Cedrela odorata	19.05833	-96.4736
Cedrela odorata	19.59381	-104.412
Cedrela odorata	19.58778	-104.413

Cedrela odorata	8.410431	-83.3661
Cedrela odorata	21.75	-84.5
Cedrela odorata	22.78333	-83.4167
Cedrela odorata	7.366667	-59.7
Cedrela odorata	19.93583	-90.3778
Cedrela odorata	16.8125	-91.3067
Cedrela odorata	16.80583	-91.3133
Cedrela odorata	5.83601	-74.3393
Cedrela odorata	19.94167	-90.375
Cedrela odorata	16.8125	-91.305
Cedrela odorata	19.93583	-90.3778
Cedrela odorata	-8.9919	-69.5508
Cedrela odorata	15.8	-91.75
Cedrela odorata	-4.18	-78.92
Cedrela odorata	-6.66611	-40.1817
Cedrela odorata	-6.6664	-40.1818
Cedrela odorata	-15.03	-67.6
Cedrela odorata	13.48	-89.17
Cedrela odorata	17.50694	-98.0447
Cedrela odorata	13.48333	-89.1667
Cedrela odorata	16.74556	-92.8097
Cedrela odorata	16.74555	-92.8097
Cedrela odorata	-6.2	-37.75
Cedrela odorata	20.31528	-88.4294
Cedrela odorata	-22.8839	-47.0441
Cedrela odorata	-5.01	-78.34
Cedrela odorata	19.61472	-90.2183
Cedrela odorata	19.58778	-104.413
Cedrela odorata	17.02013	-88.8799
Cedrela odorata	-2.6	-78.43
Cedrela odorata	-14.37	-67.55
Cedrela odorata	-23.1913	-46.3664
Cedrela odorata	-1.03	-77.82

Cedrela odorata	0.35	-79.73
Cedrela odorata	4.88	-75.83
Cedrela odorata	-14.8	-39.17
Cedrela odorata	-0.65	-76.43
Cedrela odorata	-14.45	-67.77
Cedrela odorata	19.64167	-104.342
Cedrela odorata	25.11639	-107.202
Cedrela odorata	19.59	-96.3808
Cedrela odorata	16.983	-91.6
Cedrela odorata	19.60667	-96.3939
Cedrela odorata	9.76	-84.9
Cedrela odorata	19.84083	-90.5369
Cedrela odorata	5.52805	-74.3375
Cedrela odorata	-22.4507	-46.9885
Cedrela odorata	4.95	-74.9
Cedrela odorata	5.56212	-74.3039
Cedrela odorata	5.092222	-74.7664
Cedrela odorata	3.794756	-73.9028
Cedrela odorata	17.45	-97.9383
Cedrela odorata	-2.17	-80.13
Cedrela odorata	17.02667	-91.2625
Cedrela odorata	17.45	-97.9333
Cedrela odorata	17.02667	-91.2625
Cedrela odorata	9.6	-72.92
Cedrela odorata	11.52	-84.17
Cedrela odorata	8.68	-83.21
Cedrela odorata	8.68333	-83.2167
Cedrela odorata	-25.67	-57.5
Cedrela odorata	13.81667	-89.9333
Cedrela odorata	0.883333	-79.2167
Cedrela odorata	10.03333	-73.0667
Cedrela odorata	20.57361	-87.1333
Cedrela odorata	21.025	-89.6417

Cedrela odorata	-22.5714	-49.1087
Cedrela odorata	24.375	-107.017
Cedrela odorata	-22.9056	-47.0608
Cedrela odorata	15.48	-86.65
Cedrela odorata	-14.5	-66.62
Cedrela odorata	16.60833	-93.5583
Cedrela odorata	19.57917	-88.0453
Cedrela odorata	15.82998	-91.898
Cedrela odorata	16.40389	-94.0181
Cedrela odorata	-10.07	-67.62
Cedrela odorata	16.00612	-91.9186
Cedrela odorata	16.00611	-91.9186
Cedrela odorata	15.47667	-86.6492
Cedrela odorata	16.00611	-91.9186
Cedrela odorata	9.87	-85.38
Cedrela odorata	-4.92	-78.32
Cedrela odorata	-16.7261	-64.435
Cedrela odorata	9.875	-85.3825
Cedrela odorata	-22.55	-42.5
Cedrela odorata	20.58417	-87.1206
Cedrela odorata	20.58417	-87.1206
Cedrela odorata	16.72	-88.98
Cedrela odorata	20.35833	-89.8417
Cedrela odorata	18.08	-66.23
Cedrela odorata	18.083	-66.233
Cedrela odorata	-0.62	-72.12
Cedrela odorata	-9.25	-36.4167
Cedrela odorata	-0.61667	-72.1167
Cedrela odorata	-1.08	-77.65
Cedrela odorata	-0.42	-76.62
Cedrela odorata	3.25	-59.25
Cedrela odorata	-22.5678	-42.4133
Cedrela odorata	1.066667	-78.9667

Cedrela odorata	-14.78	-39.04
Cedrela odorata	-0.52	-76.53
Cedrela odorata	-9.18	-72.68
Cedrela odorata	10.34167	-85.3667
Cedrela odorata	9.769444	-84.6083
Cedrela odorata	18.30833	-97.175
Cedrela odorata	20.905	-103.717
Cedrela odorata	6.53	-76.32
Cedrela dugesii	19.895	-101.428
Cedrela odorata	-18.6167	-64.0167
Cedrela dugesii	19.855	-101.455
Cedrela odorata	10.16	-85.36
Cedrela odorata	10.16667	-85.3667
Cedrela odorata	-14.61	-61.49
Cedrela odorata	-3.48	-78.23
Cedrela odorata	16.60528	-93.5606
Cedrela dugesii	19.85	-101.45
Cedrela odorata	16.6	-93.55
Cedrela odorata	16.98	-89.88
Cedrela odorata	-0.75	-76.47
Cedrela odorata	-0.55	-76.5
Cedrela odorata	18.95833	-90.7264
Cedrela odorata	1.583331	-76
Cedrela odorata	18.95833	-90.7264
Cedrela odorata	-1.97	-77.82
Cedrela odorata	-1.5	-77.95
Cedrela odorata	20.64833	-103.438
Cedrela odorata	20.65759	-103.464
Cedrela odorata	19.25417	-96.2583
Cedrela odorata	20.67167	-103.374
Cedrela odorata	21.17917	-88.5847
Cedrela odorata	10.43333	-72.95
Cedrela odorata	10.61111	-84.9958

Cedrela odorata	10.61	-84.99
Cedrela odorata	-0.02	-77.5
Cedrela odorata	-3.7	-70.25
Cedrela odorata	-14.33	-68.07
Cedrela odorata	-3.5	-72.97
Cedrela dugesii	20.75787	-102.565
Cedrela odorata	-1.48	-77.45
Cedrela odorata	17.82	-89.03
Cedrela odorata	21.53333	-88.5417
Cedrela odorata	21.52917	-88.2069
Cedrela odorata	14.90578	-92.207
Cedrela odorata	21.53333	-88.5417
Cedrela odorata	-3.81	-70.31
Cedrela odorata	13.82	-89.93
Cedrela odorata	8.276667	-76.7667
Cedrela odorata	-9.83	-65.67
Cedrela odorata	19.93361	-96.8347
Cedrela odorata	17.345	-93.005
Cedrela odorata	17.42833	-93.0294
Cedrela odorata	17.1	-89.07
Cedrela odorata	26.81667	-108.8
Cedrela odorata	6.916667	-75.0667
Cedrela odorata	-25.67	-57.45
Cedrela odorata	6.92	-75.07
Cedrela dugesii	20.13833	-101.18
Cedrela dugesii	19.96	-100.775
Cedrela odorata	9.68	-84.39
Cedrela odorata	-21.8082	-52.5706
Cedrela odorata	9.681944	-84.3939
Cedrela odorata	20.85833	-87.7583
Cedrela odorata	10.33	-84.08
Cedrela odorata	-9.67	-75.03
Cedrela odorata	-0.9	-79.617

Cedrela odorata	-1.5	-78.5
Cedrela odorata	19.57806	-104.277
Cedrela odorata	10.21667	-84.85
Cedrela odorata	10.21	-84.85
Cedrela odorata	19.39	-104.98
Cedrela odorata	-4.17	-73.5
Cedrela odorata	-3.75	-73.25
Cedrela odorata	19.39167	-104.983
Cedrela odorata	-10.85	-68.8
Cedrela odorata	-14.92	-67.08
Cedrela odorata	-25.58	-57.53
Cedrela dugesii	18.66333	-101.107
Cedrela odorata	20.285	-103.432
Cedrela dugesii	19.70227	-101.185
Cedrela odorata	20.18537	-103.379
Cedrela odorata	20.31667	-103.467
Cedrela odorata	6.516667	-76.3167
Cedrela odorata	20.16833	-103.348
Cedrela odorata	-10.7012	-68.6238
Cedrela odorata	19.5	-105.05
Cedrela odorata	9.94	-84.17
Cedrela odorata	9.945833	-84.1736
Cedrela odorata	9.95	-84.17
Cedrela odorata	19.525	-96.9792
Cedrela odorata	-11.92	-71.3
Cedrela odorata	3.15667	-59.2739
Cedrela dugesii	19.89333	-100.443
Cedrela odorata	16.90556	-93.6417
Cedrela dugesii	19.88333	-100.433
Cedrela odorata	16.70167	-93.415
Cedrela odorata	16.90555	-93.6417
Cedrela odorata	-12.48	-69.05
Cedrela odorata	7	-58.83

Cedrela odorata	-4.42	-79.25
Cedrela odorata	-25.3333	-57.4667
Cedrela odorata	17.1	-89
Cedrela odorata	-25.28	-57.42
Cedrela odorata	-25.33	-57.47
Cedrela odorata	-25.25	-57.5
Cedrela odorata	6.871089	-72.9776
Cedrela odorata	21.95	-105.22
Cedrela odorata	21.63444	-99.2172
Cedrela odorata	19.08	-70.58
Cedrela odorata	21.64028	-99.2206
Cedrela odorata	6.08	-74.75
Cedrela odorata	14.38166	-90.8303
Cedrela odorata	5.96756	-74.859
Cedrela odorata	-22	-42.05
Cedrela odorata	21.66667	-103.8
Cedrela odorata	10.4	-84.05
Cedrela odorata	10.41	-84.06
Cedrela odorata	-25.15	-57.23
Cedrela odorata	10.40083	-84.0508
Cedrela odorata	10.405	-84.0583
Cedrela odorata	20.3	-74.17
Cedrela odorata	-12.58	-69.05
Cedrela odorata	-3.92	-73.58
Cedrela odorata	-1.38	-78.2
Cedrela odorata	6.1	-74.8
Cedrela odorata	13.36018	-81.3694
Cedrela odorata	10.4	-85.05
Cedrela odorata	10.40111	-84.0508
Cedrela odorata	10.53	-85.3
Cedrela odorata	-4.15	-79.12
Cedrela dugesii	19.67667	-101.612
Cedrela odorata	16.72694	-93.1

Cedrela odorata	-9.83432	-67.9536
Cedrela odorata	19.67833	-101.6
Cedrela odorata	17.5	-91.9833
Cedrela odorata	-11.88	-71.4
Cedrela odorata	-15.17	-66.62
Cedrela odorata	-16.58	-64.52
Cedrela odorata	-15.3213	-45.2014
Cedrela odorata	10.44937	-85.3944
Cedrela odorata	-0.6	-72.17
Cedrela odorata	-0.6	-72.1667
Cedrela odorata	-1.57	-77.42
Cedrela odorata	-5.16	-78.29
Cedrela odorata	-22.35	-42.6167
Cedrela odorata	-9.83	-67.95
Cedrela odorata	18.51194	-89.9189
Cedrela odorata	-0.6	-75.88
Cedrela odorata	-1.07	-77.6
Cedrela odorata	13.68	-89.68
Cedrela odorata	18.57	-95.07
Cedrela odorata	9.17	-82.17
Cedrela odorata	13.68333	-89.6833
Cedrela odorata	13.66667	-89.25
Cedrela odorata	18.583	-95.108
Cedrela odorata	18.61944	-95.0719
Cedrela odorata	18.567	-95.067
Cedrela odorata	1.720833	-78.5
Cedrela odorata	-0.72	-77.67
Cedrela odorata	16.05556	-93.3569
Cedrela odorata	16.0375	-93.3925
Cedrela odorata	16.03611	-93.3917
Cedrela odorata	6.11551	-77.4145
Cedrela odorata	6.12	-77.37
Cedrela dugesii	21.80992	-102.702

Cedrela odorata	-1.25	-76.92
Cedrela odorata	13.53	-89.25
Cedrela odorata	13.53333	-89.25
Cedrela odorata	19.7	-97.1417
Cedrela odorata	13.67	-89.25
Cedrela odorata	18.50833	-88.3083
Cedrela odorata	-2.52	-76.8
Cedrela odorata	21.20639	-99.1881
Cedrela odorata	19.575	-88.0417
Cedrela odorata	18.88333	-96.9167
Cedrela odorata	19.59	-96.3808
Cedrela odorata	3.13308	-74.2385
Cedrela odorata	2.38333	-72.7333
Cedrela dugesii	20.52833	-100.273
Cedrela dugesii	19.47611	-100.458
Cedrela odorata	18.52167	-88.3039
Cedrela odorata	-10.6554	-68.5059
Cedrela odorata	-22.6011	-50.4207
Cedrela odorata	18.45	-88.45
Cedrela odorata	7.303569	-72.992
Cedrela odorata	21.11667	-99.4833
Cedrela odorata	19.86611	-96.7769
Cedrela dugesii	19.56667	-100.462
Cedrela odorata	19.88694	-96.7686
Cedrela dugesii	19.56667	-100.571
Cedrela odorata	19.9	-96.767
Cedrela odorata	6.992385	-75.0765
Cedrela odorata	-0.87	-76.08
Cedrela odorata	18.65	-70.53
Cedrela odorata	18.43333	-89.1
Cedrela odorata	21.15889	-99.1081
Cedrela odorata	-3.5	-73.17
Cedrela odorata	20.59889	-88.1625

Cedrela odorata	19.15889	-96.2944
Cedrela dugesii	19.53833	-101.695
Cedrela dugesii	19.99333	-100.222
Cedrela dugesii	19.53922	-101.695
Cedrela odorata	20.41667	-88.0286
Cedrela odorata	19.26667	-96.3881
Cedrela dugesii	19.53917	-101.078
Cedrela dugesii	19.86455	-101.799
Cedrela odorata	20.69167	-90.225
Cedrela odorata	19.16667	-96.2833
Cedrela odorata	19.167	-96.283
Cedrela odorata	-25.42	-57.17
Cedrela odorata	-25.22	-57.15
Cedrela odorata	-25.9	-57.15
Cedrela odorata	20.79111	-88.0394
Cedrela dugesii	19.83333	-101.783
Cedrela odorata	20.79111	-88.0394
Cedrela odorata	7.4581	-76.8447
Cedrela odorata	8.45	-83.55
Cedrela odorata	-3.8	-73.42
Cedrela odorata	8.466667	-83.5833
Cedrela odorata	6.57	-76.32
Cedrela odorata	-26.9	-57.15
Cedrela odorata	6.566667	-76.3167
Cedrela odorata	16.90555	-97.9539
Cedrela odorata	20.5999	-88.1626
Cedrela odorata	6.564558	-76.2703
Cedrela odorata	-10.6853	-37.425
Cedrela odorata	16.96	-88.92
Cedrela odorata	3.616667	-53.2
Cedrela odorata	19.20056	-96.3008
Cedrela odorata	-2.52	-78.15
Cedrela odorata	19.20167	-96.3017

Cedrela odorata	19.18333	-96.3
Cedrela odorata	20.70833	-88.2583
Cedrela odorata	20.50833	-90.2425
Cedrela dugesii	19.565	-101.615
Cedrela odorata	20.50639	-90.2422
Cedrela dugesii	19.56556	-101.617
Cedrela odorata	16.11667	-93.3278
Cedrela dugesii	21.26667	-99.7186
Cedrela odorata	20.225	-103.377
Cedrela odorata	16.07833	-93.3564
Cedrela odorata	13.36389	-81.3597
Cedrela odorata	9.988635	-83.0522
Cedrela odorata	19.54167	-103.975
Cedrela odorata	20.28333	-103.417
Cedrela odorata	19.22528	-96.32
Cedrela odorata	22.13333	-98
Cedrela odorata	15.88	-92
Cedrela odorata	16.79167	-93.125
Cedrela odorata	16	-92
Cedrela odorata	19.225	-96.3583
Cedrela odorata	16.91111	-93.17
Cedrela odorata	15.883	-92
Cedrela odorata	-2.5	-75.83
Cedrela odorata	18.17	-71.2
Cedrela odorata	20.98389	-98.1972
Cedrela odorata	19.32	-96.33
Cedrela odorata	19.54167	-104.258
Cedrela odorata	19.33333	-96.3167
Cedrela odorata	-9.1839	-74.14
Cedrela odorata	19.82	-70.8
Cedrela odorata	-3.33	-71.82
Cedrela odorata	18.62889	-90.3
Cedrela odorata	18.045	-97.065

Cedrela odorata	19.26286	-96.41
Cedrela dugesii	21.81769	-102.785
Cedrela odorata	18.03333	-97.05
Cedrela odorata	19.26222	-96.41
Cedrela odorata	19.04167	-98.2083
Cedrela odorata	16.917	-94.675
Cedrela odorata	-1.07	-77.62
Cedrela odorata	20.775	-88.4083
Cedrela dugesii	24.89667	-100.075
Cedrela dugesii	21.81944	-102.842
Cedrela odorata	18.56667	-95.0667
Cedrela odorata	-0.45	-77
Cedrela dugesii	19.81833	-101.788
Cedrela odorata	-16.3833	-39.1333
Cedrela odorata	-2.5575	-73.4878
Cedrela odorata	18.58	-70.58
Cedrela dugesii	22.05083	-102.721
Cedrela odorata	-0.67	-77.67
Cedrela odorata	16.93833	-91.2983
Cedrela odorata	16.94076	-91.2974
Cedrela odorata	18.27222	-94.8847
Cedrela odorata	-0.55	-76.37
Cedrela odorata	-0.43	-77.02
Cedrela odorata	18.6425	-96.7306
Cedrela odorata	-0.39667	-90.2908
Cedrela odorata	-2.88333	-59.97
Cedrela odorata	18.575	-95.0692
Cedrela odorata	19.36667	-96.65
Cedrela dugesii	19.53	-101.698
Cedrela odorata	18.58472	-95.0739
Cedrela dugesii	19.685	-101.313
Cedrela dugesii	19.795	-102.222
Cedrela dugesii	21.11833	-101.68

Cedrela odorata	20.36667	-103.437
Cedrela odorata	21.24833	-101.676
Cedrela odorata	19.68722	-101.303
Cedrela odorata	19.9839	-104.441
Cedrela odorata	20.35	-103.483
Cedrela odorata	19.06	-102.345
Cedrela odorata	20.4	-97.4417
Cedrela odorata	-3.33	-76.33
Cedrela odorata	20.54	-88.82
Cedrela odorata	-2.92	-76.25
Cedrela dugesii	21.02	-101.231
Cedrela odorata	19.53275	-101.691
Cedrela odorata	19.66444	-101.191
Cedrela odorata	20.54722	-88.6633
Cedrela dugesii	21.015	-101.255
Cedrela dugesii	19.68333	-101.193
Cedrela dugesii	21.01758	-101.257
Cedrela odorata	-7.204	-52.5855
Cedrela odorata	19.68556	-101.172
Cedrela odorata	20.60333	-97.7433
Cedrela dugesii	21.38	-101.235
Cedrela odorata	20.54722	-88.8272
Cedrela odorata	-2	-79.97
Cedrela odorata	17.96667	-93.355
Cedrela odorata	17.96667	-93.35
Cedrela odorata	-0.22	-78.8
Cedrela odorata	19.31667	-96.3167
Cedrela odorata	-5.1	-78.89
Cedrela odorata	-6.13	-79.03
Cedrela odorata	-22.3	-53.1833
Cedrela odorata	19.37	-96.3767
Cedrela odorata	-11.63	-71.9
Cedrela dugesii	19.99333	-100.217

Cedrela odorata	19.34083	-96.3614
Cedrela odorata	19.35	-96.3389
Cedrela odorata	19.35	-96.367
Cedrela odorata	19.35	-96.3389
Cedrela odorata	-3.42	-78.58
Cedrela odorata	20.69167	-90.2111
Cedrela odorata	21.7065	-98.077
Cedrela dugesii	20.145	-100.668
Cedrela odorata	21.65	-98.1167
Cedrela odorata	21.65	-98.117
Cedrela odorata	20.683	-90.217
Cedrela odorata	21.45	-106.45
Cedrela odorata	-2.81	-76.46
Cedrela odorata	-4.13	-70.47
Cedrela odorata	-0.08	-77.4
Cedrela odorata	20.93167	-98.1933
Cedrela dugesii	19.85833	-101.508
Cedrela odorata	-4.92	-73.75
Cedrela odorata	20.93361	-98.1969
Cedrela odorata	21	-98.2
Cedrela odorata	0.03	-76.7
Cedrela odorata	11.43	-85.55
Cedrela odorata	12.28	-85.08
Cedrela odorata	22.40833	-105.208
Cedrela odorata	8.52	-82.7
Cedrela odorata	17.81167	-92.7192
Cedrela dugesii	19.67639	-101.28
Cedrela odorata	17.683	-92.817
Cedrela odorata	20.367	-97.233
Cedrela odorata	14.94167	-92.275
Cedrela odorata	-1.4628	-78.1869
Cedrela odorata	-3.83	-73.33
Cedrela odorata	-0.33	-77.02

Cedrela odorata	18.25	-71.22
Cedrela odorata	18.58333	-95.0667
Cedrela odorata	6.09972	-77.4257
Cedrela odorata	20.84167	-86.9
Cedrela odorata	20.84444	-86.9039
Cedrela odorata	11.47	-85.53
Cedrela odorata	5.61231	-77.1426
Cedrela odorata	18.91667	-96.7667
Cedrela odorata	18.08333	-96.1333
Cedrela odorata	18.917	-96.767
Cedrela odorata	19.59167	-96.85
Cedrela dugesii	19.755	-101.257
Cedrela odorata	19.50444	-96.3875
Cedrela odorata	16.46667	-93.1833
Cedrela odorata	19.533	-96.383
Cedrela odorata	-0.66208	-90.3276
Cedrela odorata	-0.5	-76.83
Cedrela odorata	19.19167	-96.725
Cedrela odorata	-2.78	-77.6
Cedrela odorata	15.33833	-92.6767
Cedrela odorata	19.19361	-96.8867
Cedrela odorata	19.2	-96.683
Cedrela odorata	-1.12	-77.6
Cedrela odorata	17.55833	-99.5083
Cedrela odorata	16.93	-94.68
Cedrela odorata	16.48722	-93.1936
Cedrela odorata	16.51667	-92.9917
Cedrela odorata	16.933	-94.6833
Cedrela odorata	-3.25	-75.83
Cedrela odorata	16.77	-93.2033
Cedrela odorata	-5.08	-73.83
Cedrela odorata	12.87	-86.28
Cedrela odorata	12.92	-86.3

Cedrela odorata	20.10222	-89.46
Cedrela odorata	9.818677	-83.6815
Cedrela odorata	-5.75	-77.67
Cedrela odorata	17.17583	-92.3478
Cedrela odorata	0.816667	-63.32
Cedrela odorata	13.78	-84.7
Cedrela odorata	18.55	-70.23
Cedrela odorata	23.075	-99.1583
Cedrela odorata	-23.6504	-46.648
Cedrela odorata	18.58917	-95.0881
Cedrela odorata	11.47	-85.52
Cedrela odorata	11.78	-85.95
Cedrela odorata	20.36	-87.01
Cedrela odorata	10.43	-84
Cedrela odorata	18.13	-71.08
Cedrela odorata	17.89167	-90.7931
Cedrela odorata	18.44833	-95.2117
Cedrela odorata	21.16111	-86.8336
Cedrela odorata	18.12	-71.275
Cedrela odorata	18.46056	-95.1897
Cedrela odorata	18.467	-95.167
Cedrela odorata	3.63	-76.72
Cedrela odorata	14.01	-87.01
Cedrela longipetiolulata	-11.8333	-71.4167
Cedrela odorata	12.77	-85.52
Cedrela odorata	12.767	-85.517
Cedrela odorata	-0.67474	-90.4357
Cedrela odorata	11.9	-84.4
Cedrela odorata	16.03333	-93.7333
Cedrela odorata	12.66	-86.93
Cedrela odorata	-10.5667	-75.4
Cedrela odorata	10.95	-85.64
Cedrela odorata	19.96167	-97.2133

Cedrela odorata	19.98139	-97.2125
Cedrela odorata	18.45	-95.0833
Cedrela odorata	3.317639	-77.3291
Cedrela odorata	14.52	-87.92
Cedrela odorata	18.0664	-96.1429
Cedrela odorata	9.616667	-83.2167
Cedrela odorata	21.59167	-98.375
Cedrela odorata	21.58	-98.37
Cedrela odorata	19.3	-96.7
Cedrela odorata	21.58333	-98.3667
Cedrela odorata	10.04	-84.75
Cedrela odorata	18.07	-97.06
Cedrela odorata	18.45833	-95.325
Cedrela odorata	-22	-64.48
Cedrela odorata	18.45083	-95.3161
Cedrela odorata	18.11667	-96.95
Cedrela odorata	10.04167	-84.75
Cedrela odorata	12.02	-86.3
Cedrela odorata	-10.15	-75.33
Cedrela odorata	-10.6	-75.38
Cedrela odorata	20.833	-86.883
Cedrela odorata	11.31372	-74.064
Cedrela odorata	19.71	-87.93
Cedrela odorata	5.53	-76.63
Cedrela odorata	20.00833	-87.8083
Cedrela odorata	20.11389	-87.5931
Cedrela odorata	19.575	-88.0433
Cedrela odorata	20.09978	-87.6003
Cedrela odorata	19.66944	-87.95
Cedrela odorata	18.625	-90.2583
Cedrela odorata	18.65	-90.28
Cedrela odorata	20.71472	-88.2625
Cedrela odorata	18.65186	-90.2809

Cedrela odorata	11.7	-84.95
Cedrela odorata	-12.6667	-39.1
Cedrela odorata	12.57	-86.07
Cedrela odorata	13.12	-86.4
Cedrela odorata	11.48	-85.48
Cedrela odorata	11.53	-85.68
Cedrela odorata	14.09	-87.17
Cedrela odorata	18.93	-70.48
Cedrela odorata	11.9	-84.45
Cedrela odorata	12.28	-85.25
Cedrela odorata	18.085	-96.1333
Cedrela odorata	19.23886	-104.711
Cedrela odorata	23.5	-105.883
Cedrela odorata	23.49667	-105.84
Cedrela odorata	20.3725	-88.4283
Cedrela odorata	19.21722	-104.666
Cedrela odorata	11.75	-85.8
Cedrela odorata	-2.02	-79.96
Cedrela odorata	19.92167	-96.725
Cedrela odorata	19.58333	-96.7333
Cedrela odorata	21.12778	-88.8906
Cedrela odorata	21.13333	-88.8917
Cedrela odorata	21.04167	-88.9583
Cedrela dugesii	22.03833	-102.688
Cedrela dugesii	22.04221	-102.682
Cedrela odorata	17.90889	-93.1086
Cedrela odorata	5.5	-76.63
Cedrela odorata	11.77	-85.97
Cedrela odorata	17.91889	-92.5814
Cedrela odorata	20.43333	-97.35
Cedrela odorata	17.16667	-92.3167
Cedrela odorata	20.405	-97.29
Cedrela odorata	12.1	-86.17

Cedrela odorata	13	-85.93
Cedrela odorata	12.1	-86.27
Cedrela odorata	12.57	-86.93
Cedrela odorata	20.36333	-89.7697
Cedrela odorata	20.35833	-89.775
Cedrela odorata	11.2	-85.72
Cedrela odorata	11.18	-84.98
Cedrela odorata	13.72	-84.81
Cedrela odorata	20.31722	-89.6508
Cedrela odorata	20.57	-87.12
Cedrela odorata	20.32472	-89.6431
Cedrela odorata	19.275	-96.475
Cedrela odorata	13.51	-85.51
Cedrela odorata	11.65	-84.32
Cedrela odorata	20.09028	-88.8497
Cedrela odorata	20.16444	-88.9119
Cedrela odorata	11.73	-85.82
Cedrela odorata	19.08	-88.55
Cedrela odorata	19.10556	-88.5306
Cedrela odorata	14.94	-87.37
Cedrela odorata	10.28	-84.82
Cedrela odorata	-15.7834	-47.9299
Cedrela odorata	-15.7797	-47.9294
Cedrela odorata	5.630339	-75.1382
Cedrela odorata	7.58	-63.12
Cedrela odorata	19.08	-70.5847
Cedrela odorata	10.34861	-75.4319
Cedrela dugesii	19.55833	-101.392
Cedrela odorata	13	-86.27
Cedrela odorata	11.85	-85.95
Cedrela odorata	18.02	-71.18
Cedrela odorata	-10.65	-38.7167
Cedrela odorata	-14.7462	-39.1961

Cedrela odorata	7.602115	-76.8476
Cedrela odorata	20.02833	-96.6517
Cedrela odorata	20.01667	-96.65
Cedrela odorata	20.017	-96.65
Cedrela odorata	11.3	-85.7
Cedrela odorata	0	-54
Cedrela odorata	21.26667	-97.8833
Cedrela odorata	19.5	-71.57
Cedrela odorata	-21.25	-53.5444
Cedrela odorata	19.88288	-103.718
Cedrela odorata	19.93333	-103.75
Cedrela odorata	19.63	-87.92
Cedrela odorata	11.97	-86.13
Cedrela odorata	11.92	-86.5
Cedrela odorata	13.27	-86.35
Cedrela odorata	13.267	-86.35
Cedrela odorata	7.25418	-75.8994
Cedrela odorata	11.78	-85.92
Cedrela odorata	18.1	-88.73
Cedrela odorata	17.84778	-93.9389
Cedrela odorata	22.804	-98.949
Cedrela odorata	12.17	-86.05
Cedrela odorata	10.35452	-75.4298
Cedrela odorata	20.49278	-89.9156
Cedrela odorata	20.49278	-88.9167
Cedrela odorata	-3.67	-72.92
Cedrela odorata	13.35	-86.52
Cedrela odorata	20.34528	-89.7611
Cedrela odorata	20.69667	-89.7697
Cedrela odorata	20.3625	-89.77
Cedrela odorata	20.34528	-89.7611
Cedrela odorata	19.59472	-96.3825
Cedrela odorata	5.94	-75.82

Cedrela odorata	20.09333	-104.606
Cedrela odorata	16.75806	-93.5244
Cedrela odorata	1.641667	-76.0978
Cedrela odorata	-3.45	-72.85
Cedrela dugesii	19.64167	-100.875
Cedrela dugesii	19.68278	-101.134
Cedrela odorata	10.83	-69.12
Cedrela odorata	17.72	-92.6
Cedrela dugesii	19.675	-100.508
Cedrela odorata	17.70072	-92.5474
Cedrela odorata	19.43333	-96.8
Cedrela odorata	-4.66667	-41.05
Cedrela odorata	21.625	-98.925
Cedrela odorata	21.61174	-98.8646
Cedrela odorata	-11.9	-71.37
Cedrela odorata	19.65	-96.905
Cedrela odorata	-10.8339	-52.8731
Cedrela odorata	3.8811	-72.8667
Cedrela odorata	10.05239	-74.2574
Cedrela odorata	7.78	-80.8
Cedrela odorata	13.42	-86.58
Cedrela odorata	13.417	-86.583
Cedrela odorata	12.27	-85.38
Cedrela odorata	12.28	-85.38
Cedrela odorata	12.267	-85.383
Cedrela odorata	11.48	-85.53
Cedrela odorata	11.52	-85.55
Cedrela odorata	13.73	-84.93
Cedrela odorata	13.99	-84.65
Cedrela odorata	18.13225	-97.0707
Cedrela odorata	-4.12382	-74.4241
Cedrela odorata	14.81646	-86.6161
Cedrela odorata	15.73	-87.44

Cedrela odorata	-14.7	-39.63
Cedrela odorata	19.58833	-96.3903
Cedrela odorata	18.533	-70.483
Cedrela odorata	11.9	-86.2
Cedrela odorata	18.16556	-92.9769
Cedrela odorata	16.60222	-93.7872
Cedrela dugesii	19.54167	-101.708
Cedrela odorata	-3.85	-73.41
Cedrela odorata	24.87667	-106.745
Cedrela odorata	13.28	-86.35
Cedrela odorata	19.59165	-96.3873
Cedrela odorata	-11.0249	-58.3804
Cedrela odorata	19.61667	-96.3833
Cedrela odorata	19.583	-96.367
Cedrela odorata	7.216667	-75.0506
Cedrela odorata	11.43	-85.9
Cedrela odorata	16.74167	-90.9583
Cedrela odorata	16.85833	-91.3417
Cedrela odorata	16.89712	-91.611
Cedrela odorata	20.72711	-97.5874
Cedrela odorata	18.35	-94.8444
Cedrela odorata	15.58333	-92.2333
Cedrela odorata	19.94194	-96.8333
Cedrela odorata	19.96667	-96.88
Cedrela odorata	17.13333	-95.0833
Cedrela odorata	19.59278	-96.3806
Cedrela odorata	17.95	-94.7167
Cedrela odorata	13.33	-86.52
Cedrela odorata	-14	-65.5
Cedrela odorata	8.02	-77.1
Cedrela odorata	-2.33	-77
Cedrela odorata	19.57472	-96.8642
Cedrela odorata	-4.24429	-69.9459

Cedrela odorata	-15.952	-47.935
Cedrela odorata	-4.28731	-70.305
Cedrela odorata	15.4	-92.3
Cedrela odorata	18.05833	-91.5417
Cedrela odorata	17.75	-91.0167
Cedrela odorata	-15.7797	-47.9297
Cedrela odorata	12.15	-86.27
Cedrela odorata	-11.17	-69.12
Cedrela odorata	10.0667	-69.3333
Cedrela odorata	8.18	-77.38
Cedrela odorata	-0.65702	-77.8219
Cedrela odorata	12.85	-86.1
Cedrela odorata	10.56323	-84.6102
Cedrela odorata	18.43333	-95.0833
Cedrela odorata	-3.98	-79.12
Cedrela odorata	-3.93	-80.05
Cedrela odorata	18.05167	-96.1406
Cedrela odorata	-2.3	-78.12
Cedrela odorata	-3.72	-78.63
Cedrela odorata	-2.38	-77.55
Cedrela odorata	-2.62	-78.1
Cedrela odorata	10.28	-85.78
Cedrela odorata	2.82778	-73.9022
Cedrela odorata	17.25	-94.67
Cedrela odorata	17.25506	-94.6106
Cedrela odorata	17.25333	-94.5919
Cedrela odorata	17.25	-94.6667
Cedrela odorata	17.25	-94.667
Cedrela odorata	14.32	-87.68
Cedrela odorata	18.41944	-95.1136
Cedrela odorata	18.50265	-95.035
Cedrela odorata	-12	-70.25
Cedrela odorata	17.225	-94.583

Cedrela odorata	17.225	-94.5833
Cedrela odorata	18.435	-95.1767
Cedrela odorata	8.33	-82.98
Cedrela odorata	16.27	-89.1
Cedrela odorata	17.04	-89.22
Cedrela odorata	18.02	-88.55
Cedrela odorata	17.06	-89.18
Cedrela odorata	17.05694	-89.1506
Cedrela odorata	16.24028	-89.025
Cedrela odorata	19.40056	-96.6508
Cedrela odorata	24.81111	-107.386
Cedrela odorata	8.52	-82.62
Cedrela odorata	-2.50117	-66.1015
Cedrela odorata	5.668	-76.6322
Cedrela odorata	9.16	-79.84
Cedrela odorata	21.575	-98.925
Cedrela odorata	9.22	-79.97
Cedrela odorata	16.75	-93.16
Cedrela odorata	8.13	-77.72
Cedrela odorata	24.80833	-107.408
Cedrela odorata	19.75	-96.6667
Cedrela odorata	17.21	-92.97
Cedrela odorata	18.45434	-95.0686
Cedrela odorata	17.20157	-93.0116
Cedrela odorata	18.45	-95.02
Cedrela odorata	18.45	-95.0167
Cedrela odorata	18.45	-95.017
Cedrela odorata	-3.82	-73.32
Cedrela odorata	-15.6667	-52.3333
Cedrela odorata	7.30453	-75.0778
Cedrela odorata	-21.7783	-48.5608
Cedrela odorata	-21.7739	-48.5496
Cedrela odorata	14.32	-83.93

Cedrela odorata	8.95	-79.53
Cedrela odorata	8.7	-79.9
Cedrela odorata	7.0758	-65.9119
Cedrela odorata	9.11	-79.69
Cedrela odorata	10.45	-85.13
Cedrela odorata	14.08	-87.15
Cedrela odorata	14.25	-87.1667
Cedrela odorata	17.83028	-95.8114
Cedrela odorata	10.42	-84.02
Cedrela odorata	9.16	-79.82
Cedrela odorata	10.43	-84.01
Cedrela odorata	19.625	-88.225
Cedrela odorata	19.60833	-88.0583
Cedrela odorata	10.53	-85.32
Cedrela odorata	6.550833	-73.1336
Cedrela odorata	10.35	-85.35
Cedrela odorata	9.19	-80.13
Cedrela odorata	17.23	-89.61
Cedrela odorata	9.58	-85.1
Cedrela odorata	9.583	-85.1
Cedrela odorata	19.92417	-96.7269
Cedrela odorata	16.06444	-92.8411
Cedrela odorata	19.91667	-96.6833
Cedrela odorata	18.91667	-96.8833
Cedrela odorata	18.91667	-96.95
Cedrela odorata	17.75667	-94.7617
Cedrela odorata	18.85575	-96.8641
Cedrela odorata	20.36698	-97.9033
Cedrela odorata	9.15	-79.85
Cedrela odorata	16.41522	-92.7119
Cedrela odorata	17.2875	-99.4819
Cedrela odorata	8.23	-61.73
Cedrela odorata	7.91	-80.69

Cedrela odorata	-1.02899	-52.6096
Cedrela odorata	18.51312	-96.7654
Cedrela odorata	18.51667	-96.75
Cedrela odorata	18.60833	-90.725
Cedrela odorata	-15.6555	-47.7847
Cedrela odorata	17.25833	-93.675
Cedrela odorata	17.34167	-91.6917
Cedrela odorata	7.6462	-72.369
Cedrela odorata	18.40722	-95.1728
Cedrela odorata	20.45401	-97.0897
Cedrela odorata	-15.5574	-47.9167
Cedrela odorata	6.213313	-63.4863
Cedrela odorata	8.08333	-61.6333
Cedrela odorata	-26.67	-53.57
Cedrela odorata	-23.1142	-46.5501
Cedrela odorata	-9.5	-75.8333
Cedrela odorata	18.61318	-90.7968
Cedrela odorata	19.98333	-96.8167
Cedrela odorata	19.93333	-96.7333
Cedrela odorata	-15.8125	-47.9375
Cedrela longipetiolulata	-9.62611	-75.9061
Cedrela odorata	18.05	-77.5
Cedrela odorata	7.8	-80.2
Cedrela odorata	-1.28499	-48.4555
Cedrela odorata	18.09167	-96.1417
Cedrela odorata	2.57	-52.52
Cedrela odorata	23.0318	-99.1335
Cedrela odorata	2.207602	-73.8546
Cedrela odorata	8.08	-77.68
Cedrela odorata	3.8558	-52.9708
Cedrela odorata	23.233	-98.167
Cedrela odorata	16.92611	-93.4292
Cedrela odorata	-3.72061	-38.543

Cedrela odorata	-3.71722	-38.5431
Cedrela odorata	22.52169	-99.3792
Cedrela odorata	22.52169	-99.3792
Cedrela odorata	21.62111	-79.0364
Cedrela odorata	1.597721	-78.9333
Cedrela odorata	8.755545	-61.3327
Cedrela odorata	-19.5522	-40.8203
Cedrela odorata	21.43506	-98.9359
Cedrela odorata	-7.73558	-35.2048
Cedrela odorata	-23.5703	-46.7266
Cedrela odorata	15.33944	-92.6742
Cedrela odorata	15.24167	-92.6339
Cedrela odorata	14	-87.04
Cedrela odorata	-19.6902	-44.0965
Cedrela odorata	13.1	-86.05
Cedrela odorata	13.1	-86.02
Cedrela odorata	12.57	-87.03
Cedrela odorata	10.8669	-74.0688
Cedrela odorata	5.455235	-74.6619
Cedrela odorata	25.64305	-80.2792
Cedrela odorata	25.71222	-80.2572
Cedrela odorata	-22.939	-46.209
Cedrela odorata	14.01666	-87.0228
Cedrela odorata	16.17108	-92.2674
Cedrela odorata	8.270644	-79.1084
Cedrela odorata	5.8	-61.8
Cedrela odorata	-23.6545	-46.6219
Cedrela odorata	14.1333	-89.0167
Cedrela odorata	5.06499	-74.9269
Cedrela odorata	15.74249	-92.2849
Cedrela odorata	-35.3869	-64.9208
Cedrela odorata	24.975	-106.958
Cedrela odorata	10.21	-83.84

Cedrela odorata	-2.53307	-44.303
Cedrela odorata	18.77758	-103.16
Cedrela odorata	17.33333	-95.6833
Cedrela odorata	19.7	-97.133
Cedrela odorata	-15.223	-68.1255
Cedrela odorata	8.69	-79.92
Cedrela odorata	3.35	-59.8
Cedrela odorata	10	-67.1667
Cedrela odorata	18.14389	-94.4111
Cedrela odorata	21.26	-98.79
Cedrela odorata	21.36536	-98.8243
Cedrela odorata	-22.8703	-47.0772
Cedrela odorata	-5	-63
Cedrela odorata	23.23	-106.42
Cedrela odorata	-6.98764	-62.684
Cedrela odorata	23.25	-106.37
Cedrela odorata	-3.10528	-60.0262
Cedrela odorata	-9.33	-69
Cedrela odorata	-3.72723	-53.9868
Cedrela odorata	18.45	-90.08
Cedrela odorata	-9.12	-62.17
Cedrela odorata	9.973343	-84.1929
Cedrela odorata	11.98	-86.32
Cedrela odorata	23.27	-106.25
Cedrela odorata	-22.907	-43.2077
Cedrela odorata	8.711342	-74.5134
Cedrela odorata	19.84	-105.35
Cedrela odorata	13.74	-89.06
Cedrela odorata	-14.4296	-67.5351
Cedrela odorata	-0.41667	-57.33
Cedrela odorata	-1.88	-55.64
Cedrela odorata	-3.60132	-52.4957
Cedrela odorata	-1.68778	-55.4119

Cedrela odorata	-1.96667	-52.97
Cedrela odorata	20.7	-89.09
Cedrela odorata	20.85	-88.93
Cedrela odorata	4.1006	-55.625
Cedrela odorata	18.02	-76.75
Cedrela odorata	23.16889	-106.202
Cedrela odorata	19.69	-101.15
Cedrela dugesii	19.70167	-101.185
Cedrela odorata	16.69863	-62.1556
Cedrela odorata	22.97	-82.3869
Cedrela odorata	-25.1658	-55.8009
Cedrela odorata	10.15	-85.45
Cedrela dugesii	21.02	-101.25
Cedrela odorata	22.49	-105.36
Cedrela odorata	20.93	-89.02
Cedrela odorata	18.2709	-66.8664
Cedrela odorata	18.15389	-66.6992
Cedrela odorata	18.18156	-66.7581
Cedrela odorata	-27.3006	-50.4224
Cedrela odorata	-21.9231	-46.3875
Cedrela odorata	20.32	-75
Swietenia multijuga	20.44639	-97.3247
Cedrela odorata	-26.64	-53.96
Cedrela odorata	10.5411	-85.2646
Cedrela odorata	8.862778	-83.0527
Cedrela odorata	16.73333	-88.9833
Cedrela odorata	-12.5172	-70.0996
Cedrela odorata	-12.53	-70.0818
Cedrela odorata	7.713344	-74.5358
Cedrela odorata	-24.2318	-55.1414
Cedrela odorata	-1.45573	-48.4902
Cedrela odorata	-16.3333	-39.1333
Cedrela odorata	-23.5475	-46.6361

Cedrela odorata	3.78889	-52.6389
Cedrela odorata	-24.3333	-55
Cedrela odorata	9.97028	-84.1881
Cedrela odorata	15.70222	-90.3561
Cedrela longipetiolulata	-9.16389	-74.3756
Cedrela odorata	6.609722	-72.7061
Cedrela odorata	6.714444	-73.1997
Cedrela odorata	6.725278	-73.21
Cedrela odorata	-13.73	-68.33
Cedrela odorata	4.93333	-52.3333
Cedrela odorata	5.1025	-75.6793
Cedrela odorata	6.81027	-74.4822
Cedrela odorata	20.82778	-89.2281
Cedrela odorata	20.8125	-89.2514
Cedrela odorata	-22.55	-42.25
Cedrela dugesii	19.44667	-102.303
Cedrela odorata	18.57567	-95.075
Cedrela odorata	15.92581	-92.5083
Cedrela odorata	20.71083	-104.884
Cedrela odorata	19.57806	-104.225
Cedrela odorata	3.62	-53.2
Cedrela odorata	3.9	-73.8167
Cedrela odorata	2.21417	-73.7917
Cedrela odorata	2.21817	-73.4198
Cedrela odorata	2.6667	-74.1667
Cedrela odorata	2.286989	-74.1457
Cedrela odorata	6.46569	-71.7163
Cedrela odorata	2.37631	-72.6382
Cedrela odorata	3.45639	-74.1439
Cedrela odorata	2.6657	-74.1624
Cedrela odorata	5.001	-72.645
Cedrela odorata	2.57275	-72.3854
Cedrela odorata	3.799167	-73.8861

Cedrela odorata	2.35075	-72.7489
Cedrela odorata	2.372778	-72.6389
Cedrela odorata	-0.28333	-77.05
Cedrela odorata	4.48011	-73.451
Cedrela odorata	4.480231	-73.4515
Cedrela odorata	4.477805	-73.4486
Cedrela odorata	4.480138	-73.4512
Cedrela odorata	-19.8667	-40.5333
Cedrela odorata	-2.97	-78.6
Cedrela odorata	-9.67	-75.05
Cedrela odorata	21.90667	-98.3025
Cedrela odorata	17.98333	-94.55
Cedrela dugesii	19.94056	-101.733
Cedrela odorata	20.96778	-89.6217
Cedrela odorata	21.14667	-98.1925
Cedrela odorata	21.345	-98.2261
Cedrela odorata	19.80222	-96.6428
Cedrela odorata	17.885	-94.5239
Cedrela odorata	15.89797	-93.149
Cedrela odorata	9.5395	-75.3458
Cedrela odorata	6.337809	-75.5076
Cedrela odorata	8.520613	-80.0904
Cedrela odorata	23.94381	-102.527
Cedrela odorata	-19.628	-43.8871
Cedrela odorata	-17.3995	-44.8675
Cedrela odorata	7.125258	-66.1506
Cedrela odorata	-23.1231	-46.5869
Cedrela odorata	19.52103	-104.542
Cedrela odorata	19.89458	-105.293
Cedrela odorata	4.848056	-73.2915
Cedrela odorata	16.29428	-61.7096
Cedrela odorata	15.99055	-61.6479
Cedrela odorata	-20.4699	-50.0742

Cedrela odorata	-3.36228	-41.7701
Cedrela odorata	-3.19083	-41.6442
Cedrela odorata	-3.175	-41.8669
Cedrela odorata	-3.4175	-41.8961
Cedrela odorata	-11.0013	-55.4911
Cedrela odorata	-2.50117	-66.1015
Cedrela odorata	4.136217	-55.916
Cedrela odorata	7.125258	-66.1506
Cedrela odorata	-10.7426	-53.0803
Cedrela odorata	-4.12382	-74.4241
Cedrela odorata	-9.42168	-76.0406
Cedrela odorata	3.901894	-73.0859
Cedrela odorata	-22.3667	-64.4833
Cedrela odorata	-0.61667	-72.1167
Cedrela odorata	1.437894	-51.9668
Cedrela odorata	4.764352	-55.1152
Cedrela odorata	5.718185	-55.6404
Cedrela odorata	-4.18224	-64.6985
Cedrela odorata	-3.97422	-53.0638
Cedrela odorata	-12.9496	-55.9192
Cedrela odorata	-18.6167	-64.0167
Cedrela odorata	-16.7133	-64.6568
Cedrela odorata	-9.33333	-69
Cedrela odorata	2.566667	-52.5167
Cedrela odorata	-5.08917	-42.8019
Cedrela odorata	-5.03806	-42.46
Cedrela odorata	-3.47194	-41.5575
Cedrela odorata	-15.6893	-48.0017
Cedrela odorata	-18.3697	-40.1442
Cedrela odorata	-19.3911	-40.0722
Cedrela odorata	-7.1025	-35.3264
Cedrela odorata	-7.26694	-37.3514
Cedrela odorata	-16.0444	-49.6233

Cedrela odorata	23.94381	-102.527
Cedrela odorata	-5.07972	-45.2916
Cedrela odorata	12.22227	-86.2863
Cedrela odorata	18.22424	-66.4795
Cedrela odorata	-5.09147	-39.6179
Cedrela odorata	0.705471	-79.2216
Cedrela odorata	-10.1667	-59.4594
Cedrela odorata	-22.72	-47.64
Cedrela odorata	-2.94722	-48.9531
Cedrela odorata	-22.7661	-43.6928
Cedrela odorata	-22.7664	-43.6928
Cedrela odorata	-22.7667	-43.6928
Cedrela odorata	-22.7592	-43.4511
Cedrela odorata	-22.2953	-53.2711
Cedrela odorata	-15.7811	-47.7972
Cedrela odorata	-15.7797	-47.9297
Cedrela odorata	-15.7797	-47.9297
Cedrela odorata	-22.9	-47.06
Cedrela odorata	-3.10194	-60.025
Cedrela odorata	-11.0249	-58.3804
Cedrela odorata	6.213313	-63.4863
Cedrela odorata	-6.98764	-62.684
Cedrela odorata	1.563277	-77.8668
Cedrela odorata	7.927277	-72.0237
Cedrela odorata	8.528325	-71.2504
Cedrela odorata	8.755545	-61.3327
Cedrela odorata	-12.473	-41.7317
Cedrela odorata	9.469218	-70.5101
Cedrela odorata	8.141256	-69.8588
Cedrela odorata	-22.907	-43.2077
Cedrela odorata	-7.03953	-76.7291
Cedrela odorata	-13.8566	-65.1539
Cedrela odorata	-11.9727	-70.5317

Cedrela odorata	-10.3966	-75.3076
Cedrela odorata	-6.43013	-78.7456
Cedrela odorata	-13.1911	-72.1536
Cedrela odorata	-9.62172	-73.4449
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Cedrela odorata	-22.1891	-42.6529
Cedrela odorata	-5.07408	-78.0508
Cedrela odorata	-25.5349	-57.4936
Cedrela odorata	-15.223	-68.1255
Cedrela odorata	5.987539	-76.971
Cedrela odorata	-26.8749	-54.6473
Cedrela odorata	6.910408	-75.5917
Cedrela odorata	-11.0913	-67.3177
Cedrela odorata	-25.1919	-56.9458
Cedrela odorata	4.76467	-74.1257
Cedrela odorata	5.66	-53.78
Cedrela odorata	-15.7834	-47.9299
Cedrela odorata	2.539039	-75.6399
Cedrela odorata	-10.7012	-68.6238
Cedrela odorata	-2.5575	-73.4878
Cedrela odorata	-7.50611	-63.0208
Cedrela odorata	-19.6902	-44.0965
Cedrela odorata	-16.7914	-44.2986
Cedrela odorata	-16.735	-43.8617
Cedrela odorata	-22.66	-50.41
Cedrela odorata	-10.8986	-62.8566
Cedrela odorata	-8.76194	-63.9039
Cedrela odorata	-23.4022	-46.4546
Cedrela odorata	-9.30992	-70.4467
Cedrela odorata	-10.6554	-68.5059
Cedrela odorata	-10.5	-67.75
Cedrela odorata	-11.0161	-68.7481
Cedrela odorata	-7.63111	-72.67

Cedrela odorata	-9.97472	-67.81
Cedrela odorata	-9.958	-67.874
Cedrela odorata	-10.6552	-68.5061
Cedrela odorata	-22.3437	-49.0143
Cedrela odorata	-22.4507	-46.9885
Cedrela odorata	-17.6878	-50.0822
Cedrela odorata	-22.2585	-48.742
Cedrela odorata	-24.0575	-47.985
Cedrela odorata	-15.2933	-39.0753
Cedrela odorata	-22.73	-45.59
Cedrela odorata	-19.1692	-48.3943
Cedrela odorata	-21.3508	-52.101
Cedrela odorata	-2.99583	-47.3528
Cedrela odorata	-22.46	-48.98
Cedrela odorata	-23.53	-46.79
Cedrela odorata	-23.77	-45.35
Cedrela odorata	-20.43	-51.34
Cedrela odorata	-22.43	-46.95
Cedrela odorata	-23.1913	-46.3664
Cedrela odorata	-21.77	-48.56
Cedrela odorata	-21.7739	-48.5496
Cedrela odorata	-19.9167	-49.5167
Cedrela odorata	-21.99	-47.42
Cedrela odorata	-22.41	-49.13
Cedrela odorata	-23.54	-46.63
Cedrela odorata	-22.54	-47.91
Cedrela odorata	-24.38	-47.92
Cedrela odorata	-22.53	-52.16
Cedrela odorata	-22.4564	-42.855
Cedrela odorata	-22.4933	-42.9053
Cedrela odorata	-22.9028	-43.2075
Cedrela odorata	-14.8	-39.1667
Cedrela odorata	-3.16809	-51.7516

Cedrela odorata	-1.04017	-62.1151
Cedrela odorata	-7.73558	-35.2049
Cedrela odorata	-3.00479	-49.1665
Cedrela odorata	-3.72061	-38.543
Cedrela odorata	-1.71806	-48.8825
Cedrela odorata	-1.52333	-52.5817
Cedrela odorata	-1.45583	-48.5044
Cedrela odorata	-1.4558	-48.5044
Cedrela odorata	-2.63639	-54.9372
Cedrela odorata	-4.009	-49.461
Cedrela odorata	-1.88389	-48.7689
Cedrela odorata	-1.29861	-48.1606
Cedrela odorata	-2.44306	-54.7083
Cedrela odorata	-10.7828	-65.3394
Cedrela odorata	-9.61083	-65.4678
Cedrela odorata	-22.01	-47.89
Cedrela odorata	-20.7539	-42.8819
Cedrela odorata	-20.4428	-54.6464
Cedrela odorata	-20.4422	-54.8603
Cedrela odorata	-9.34528	-56.8261
Cedrela odorata	-9.66472	-56.4767
Cedrela odorata	-6.22222	-57.7528
Cedrela odorata	-20.3633	-40.6592
Cedrela odorata	-20.1006	-40.5297
Cedrela odorata	19.33951	-96.3718
Cedrela odorata	-6.57361	-40.1236
Cedrela odorata	-4.47	-38.9014
Cedrela odorata	-4.84333	-39.1411
Cedrela odorata	-3.71722	-38.5431
Cedrela odorata	-4.85722	-39.5767
Cedrela odorata	-3.89083	-38.6856
Cedrela odorata	-5.53444	-40.7742
Cedrela odorata	-4.74472	-40.9261

Cedrela odorata	-4.33194	-40.1567
Cedrela odorata	-3.27778	-39.2689
Cedrela odorata	3.930323	-53.231
Cedrela odorata	-18.458	-44.6577
Cedrela odorata	-20.2819	-45.5394
Cedrela odorata	-19.225	-40.8514
Cedrela odorata	-20.3397	-41.1347
Cedrela odorata	9.391307	-63.0185
Cedrela odorata	10.25014	-66.3592
Cedrela odorata	8.077473	-72.8893
Cedrela odorata	6.550833	-73.1336
Cedrela odorata	8.711342	-74.5134
Cedrela odorata	-1.28499	-48.4555
Cedrela odorata	10.03312	-67.9613
Cedrela odorata	9.975435	-67.1035
Cedrela odorata	5.243798	-74.3182
Cedrela odorata	-10.0505	-75.889
Cedrela odorata	5.759532	-73.1218
Cedrela odorata	10.19144	-67.9573
Cedrela odorata	-26.44	-49.3265
Cedrela odorata	-20.2564	-45.6692
Cedrela odorata	-12.67	-39.1019
Cedrela odorata	-29.7374	-53.3171
Cedrela odorata	9.030893	-69.2475
Cedrela odorata	-29.6842	-53.8069
Cedrela odorata	-11.16	-60.84
Cedrela odorata	-10.26	-63
Cedrela odorata	-12.06	-62.28
Cedrela odorata	-12.06	-62.1
Cedrela odorata	-10.08	-62.82
Cedrela odorata	-10.8	-62.28
Cedrela odorata	-10.2117	-63.8286
Cedrela odorata	-9.22833	-64.6397

Cedrela odorata	-11.6936	-62.7114
Cedrela odorata	-0.36667	-51.0664
Cedrela odorata	-22.5678	-42.4133
Cedrela odorata	-22.3333	-49.0167
Cedrela odorata	-22.29	-49.55
Cedrela odorata	-19.99	-49.68
Cedrela odorata	-23.87	-47.99
Cedrela odorata	-23.96	-47.5
Cedrela odorata	-4.56024	-39.6912
Cedrela odorata	-21.7878	-46.5614
Cedrela odorata	-14.7889	-39.0494
Cedrela odorata	-14.5931	-39.2844
Cedrela odorata	-11.55	-41.1561
Cedrela odorata	-19.5578	-44.0814
Cedrela odorata	-6.87444	-39.875
Cedrela odorata	-7.51194	-39.7242
Cedrela odorata	-3.16778	-51.7511
Cedrela odorata	-13.0367	-46.7717
Cedrela odorata	-16.6786	-49.2539
Cedrela odorata	-21.7972	-41.4481
Cedrela odorata	-15.8631	-38.8828
Cedrela odorata	-14.7462	-39.1961
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Cedrela odorata	-16.2781	-39.0247
Cedrela odorata	-22.6508	-42.3917
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Cedrela odorata	-15.4881	-44.3617
Cedrela odorata	21.61734	-78.9359
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Cedrela odorata	-3	-73
Cedrela odorata	-20.7422	-47.6158
Cedrela odorata	-20.4461	-49.1231
Cedrela odorata	-21.3192	-49.6064

Cedrela odorata	-21.3169	-49.6092
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Cedrela odorata	-22.3442	-49.0222
Cedrela odorata	-23.9	-46.7744
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Cedrela odorata	-23.64	-46.85
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Cedrela odorata	-12.0142	-37.7167
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Cedrela odorata	-2.56399	-78.0075
Cedrela odorata	10.4239	-61.2965
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Cedrela odorata	-7.32861	-35.3325
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Cedrela odorata	-7.41028	-35.1128
Cedrela odorata	-8.66361	-35.1586
Cedrela odorata	-8.52278	-36.4444
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Cedrela odorata	-7.83806	-38.1017
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Cedrela odorata	-4.31667	-44.6667
Cedrela odorata	-2.92633	-60.0209
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Cedrela odorata	-9.45306	-55.8169
Cedrela odorata	-3.09611	-59.9858
Cedrela odorata	-3.09538	-59.988
Cedrela odorata	-4.24429	-69.9459
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Cedrela odorata	-23.0067	-44.3181
Cedrela odorata	-23.2178	-44.7131
Cedrela odorata	-0.65702	-77.8219
Cedrela odorata	-14.7558	-43.9322
Cedrela odorata	15.69757	-90.3547
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Cedrela odorata	-1.68778	-55.4119
Cedrela odorata	-8.0508	-71.2461
Dicksonia sellowiana	-28.076	-49.5191
Dicksonia sellowiana	-25.4569	-49.0153
Dicksonia sellowiana	-26.0858	-51.7538
Dicksonia sellowiana	-26.1568	-51.5549
Dicksonia sellowiana	-29.3938	-50.878
Dicksonia sellowiana	-29.3916	-50.8783

Dicksonia sellowiana	-28.3403	-49.6247
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Dicksonia sellowiana	-27.9445	-49.9158
Dicksonia sellowiana	-27.9446	-49.916
Dicksonia sellowiana	-24.2912	-48.5649
Dicksonia sellowiana	-23.2805	-46.9235
Dicksonia sellowiana	-27.996	-50.9935
Dicksonia sellowiana	-25.4514	-49.2361
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Dicksonia sellowiana	-25.3808	-49.0197
Dicksonia sellowiana	-25.2809	-49.1425
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Dicksonia sellowiana	-27.0393	-54.1366
Dicksonia sellowiana	-27.1957	-49.6421
Dicksonia sellowiana	-23.8347	-45.3453
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Dicksonia sellowiana	-26.7169	-49.6722
Dicksonia sellowiana	-27.0779	-52.6153
Dicksonia sellowiana	-32.9725	-54.5216
Dicksonia sellowiana	-32.9725	-54.5216

Dicksonia sellowiana	-26.397	-53.853
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Dicksonia sellowiana	-26.4294	-53.8387
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Dicksonia sellowiana	-25.9733	-51.8503
Dicksonia sellowiana	-29.2273	-51.3399
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Dicksonia sellowiana	-25.9441	-51.8549
Dicksonia sellowiana	-25.9659	-51.8522
Dicksonia sellowiana	-24.6467	-51.8504
Dicksonia sellowiana	-25.9497	-51.8383
Dicksonia sellowiana	-24.5475	-50.4021
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Dicksonia sellowiana	-28.2233	-51.1674
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Dicksonia sellowiana	-24.2719	-48.4102
Dicksonia sellowiana	-29.38	-50.875
Dicksonia sellowiana	13.77011	-86.4554
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Dicksonia sellowiana	-25.4483	-49.0172
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Dicksonia sellowiana	-27.4506	-49.05
Dicksonia sellowiana	-24.764	-52.1297
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Dicksonia sellowiana	-26.2756	-49.3836
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Dicksonia sellowiana	-22.6917	-45.4644
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Dicksonia sellowiana	-23.2278	-45.0153
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Dicksonia sellowiana	-29.8649	-50.1898
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Dicksonia sellowiana	6.221944	-72.7794
Dicksonia sellowiana	6.222917	-72.7799
Dicksonia sellowiana	6.218833	-72.7787
Dicksonia sellowiana	1.119167	-77.2195
Dicksonia sellowiana	5.741639	-72.6834
Dicksonia sellowiana	0.832806	-77.3521
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Dicksonia sellowiana	0.833306	-77.3523
Dicksonia sellowiana	0.836389	-77.3589
Dicksonia sellowiana	0.949	-77.58
Dicksonia sellowiana	-27.1191	-50.3695

Dicksonia sellowiana	-22.5953	-45.2983
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Dicksonia sellowiana	-29.133	-50.105
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Dicksonia sellowiana	0.998	-77.1819
Dicksonia sellowiana	0.996778	-77.1792
Dicksonia sellowiana	0.998917	-77.1817
Dicksonia sellowiana	0.997722	-77.182
Dicksonia sellowiana	0.997972	-77.18
Dicksonia sellowiana	-21.9486	-46.3814
Dicksonia sellowiana	1.274528	-77.2424
Dicksonia sellowiana	1.256694	-77.256
Dicksonia sellowiana	-23.404	-46.5351
Dicksonia sellowiana	-29.1345	-50.1186
Dicksonia sellowiana	-23.2356	-45.013
Dicksonia sellowiana	-23.2286	-45.015
Dicksonia sellowiana	-22.5267	-45.2664
Dicksonia sellowiana	-26.0297	-48.9639
Dicksonia sellowiana	-22.4678	-43.0717
Dicksonia sellowiana	-29.32	-49.9231
Dicksonia sellowiana	-31.8147	-52.4289
Dicksonia sellowiana	4.097028	-75.8058
Dicksonia sellowiana	4.096917	-75.8062
Dicksonia sellowiana	4.096417	-75.8059
Dicksonia sellowiana	4.098306	-75.8066
Dicksonia sellowiana	4.098194	-75.8072
Dicksonia sellowiana	4.098861	-75.8069
Dicksonia sellowiana	4.101111	-75.8081
Dicksonia sellowiana	4.099806	-75.8078
Dicksonia sellowiana	4.099667	-75.8075
Dicksonia sellowiana	-27.2653	-49.5097
Dicksonia sellowiana	0.997833	-77.1281
Dicksonia sellowiana	-22.0217	-43.9936

Dicksonia sellowiana	-14.3997	-40.1394
Dicksonia sellowiana	7.340583	-72.6066
Dicksonia sellowiana	-22.4561	-43.0233
Dicksonia sellowiana	-25.4467	-49.2339
Dicksonia sellowiana	5.429972	-73.1013
Dicksonia sellowiana	5.429944	-73.1018
Dicksonia sellowiana	5.429333	-73.1048
Dicksonia sellowiana	-29.5667	-53.6833
Dicksonia sellowiana	4.467035	-75.4941
Dicksonia sellowiana	15.25678	-92.224
Dicksonia sellowiana	-0.45583	-78.0378
Dicksonia sellowiana	-29.1622	-50.1006
Dicksonia sellowiana	-30.5606	-52.5628
Dicksonia sellowiana	-25.4389	-53.2246
Dicksonia sellowiana	-29.277	-50.8495
Dicksonia sellowiana	-29.7069	-50.2911
Dicksonia sellowiana	4.462424	-75.4895
Dicksonia sellowiana	-31.2157	-50.9608
Dicksonia sellowiana	-24.2385	-50.5419
Dicksonia sellowiana	-14.6187	-68.9531
Dicksonia sellowiana	-27.04	-54.1397
Dicksonia sellowiana	9.766667	-83.7667
Dicksonia sellowiana	-21.8761	-41.9119
Dicksonia sellowiana	-6.24342	-77.5809
Dicksonia sellowiana	-22.5303	-43.4319
Dicksonia sellowiana	-30.1033	-50.2374
Dicksonia sellowiana	-6.99108	-77.7156
Dicksonia sellowiana	-25.3457	-52.3818
Dicksonia sellowiana	-22.6125	-45.35
Dicksonia sellowiana	-27	-51.48
Dicksonia sellowiana	-27.72	-49.86
Dicksonia sellowiana	19.40042	-97.0904
Dicksonia sellowiana	-22.4167	-42.9833

Dicksonia sellowiana	0.622221	-77.5538
Dicksonia sellowiana	0.620798	-77.5523
Dicksonia sellowiana	0.632059	-77.5217
Dicksonia sellowiana	0.631317	-77.5204
Dicksonia sellowiana	0.633156	-77.521
Dicksonia sellowiana	-24.5394	-48.6933
Dicksonia sellowiana	-0.65165	-77.7989
Dicksonia sellowiana	-28.5264	-49.4131
Dicksonia sellowiana	-26.7303	-49.9506
Dicksonia sellowiana	-27.0003	-50.1306
Dicksonia sellowiana	-27.9906	-49.3206
Dicksonia sellowiana	-29.7308	-50.3653
Dicksonia sellowiana	6.045556	-73.249
Dicksonia sellowiana	-20.4339	-41.8542
Dicksonia sellowiana	-20.495	-41.8217
Dicksonia sellowiana	-20.4053	-41.8489
Dicksonia sellowiana	-28.1694	-49.0497
Dicksonia sellowiana	-27.4497	-49.14
Dicksonia sellowiana	-26.2275	-49.345
Dicksonia sellowiana	-26.73	-49.4997
Dicksonia sellowiana	-26.64	-49.5
Dicksonia sellowiana	-26.6383	-49.4114
Dicksonia sellowiana	-26.6403	-49.9506
Dicksonia sellowiana	-26.9097	-49.8631
Dicksonia sellowiana	-28.08	-48.87
Dicksonia sellowiana	-27.7211	-49.2292
Dicksonia sellowiana	-26.8217	-49.77
Dicksonia sellowiana	-26.9086	-49.6783
Dicksonia sellowiana	-25.6342	-51.1976
Dicksonia sellowiana	-22.1461	-44.7397
Dicksonia sellowiana	-27.45	-48.87
Dicksonia sellowiana	-26.55	-49.41
Dicksonia sellowiana	-27.81	-49.14

Dicksonia sellowiana	-22.4572	-43.0233
Dicksonia sellowiana	-26.5494	-49.7694
Dicksonia sellowiana	-14.7748	-68.6358
Dicksonia sellowiana	-14.7692	-68.6198
Dicksonia sellowiana	-26.8175	-50.2233
Dicksonia sellowiana	-26.6403	-49.5906
Dicksonia sellowiana	-27.0003	-50.2206
Dicksonia sellowiana	-22.7546	-45.5577
Dicksonia sellowiana	-15.649	-68.374
Dicksonia sellowiana	-26.64	-50.4
Dicksonia sellowiana	-26.2819	-49.2239
Dicksonia sellowiana	-26.3417	-49.39
Dicksonia sellowiana	-26.3131	-49.3517
Dicksonia sellowiana	-26.2706	-49.2639
Dicksonia sellowiana	-26.2556	-49.3044
Dicksonia sellowiana	13.23333	-86.05
Dicksonia sellowiana	-28.9451	-51.0588
Dicksonia sellowiana	-27.6908	-51.1367
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Dicksonia sellowiana	15.51667	-91.65
Dicksonia sellowiana	-27.6292	-51.2603
Dicksonia sellowiana	-26.4606	-52.5642
Dicksonia sellowiana	-28.0131	-49.4919
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Dicksonia sellowiana	-27.9922	-49.4122
Dicksonia sellowiana	-27.7222	-49.4092
Dicksonia sellowiana	-27.9	-49.86
Dicksonia sellowiana	-14.7403	-68.9413
Dicksonia sellowiana	-20.1292	-43.6106
Dicksonia sellowiana	-25.3323	-49.2228
Dicksonia sellowiana	-27.3597	-49.32
Dicksonia sellowiana	-26.8933	-51.7825
Dicksonia sellowiana	-25.4717	-49.6383

Dicksonia sellowiana	-26.9861	-51.925
Dicksonia sellowiana	-28.89	-49.86
Dicksonia sellowiana	-28.25	-51.6167
Dicksonia sellowiana	-28.8	-52.2833
Dicksonia sellowiana	-28.8667	-52.4333
Dicksonia sellowiana	-29.4322	-50.5619
Dicksonia sellowiana	-29.6744	-50.7931
Dicksonia sellowiana	-20.4303	-43.7828
Dicksonia sellowiana	-27.4503	-49.2306
Dicksonia sellowiana	-27.6303	-49.5006
Dicksonia sellowiana	-27.6292	-49.4108
Dicksonia sellowiana	-23.2333	-46.9333
Dicksonia sellowiana	-25.1413	-50.0815
Dicksonia sellowiana	-25.3917	-48.8622
Dicksonia sellowiana	-27.54	-49.4106
Dicksonia sellowiana	-27.0903	-49.5906
Dicksonia sellowiana	-27.6314	-49.3211
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Dicksonia sellowiana	-28.0333	-49.6167
Dicksonia sellowiana	-27.0017	-51.0292
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Dicksonia sellowiana	-0.58333	-77.5833
Dicksonia sellowiana	-26.73	-49.67
Dicksonia sellowiana	-27.5403	-50.0394
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Dicksonia sellowiana	-20.1236	-43.4647
Dicksonia sellowiana	-20.5108	-41.0814
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Dicksonia sellowiana	-26.2506	-49.3786
Dicksonia sellowiana	-25.591	-48.589
Dicksonia sellowiana	-25.2333	-48.8333
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Dicksonia sellowiana	-29.4333	-50.55
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Dicksonia sellowiana	-14.5947	-68.9247
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Dicksonia sellowiana	-27.902	-49.8839
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Dicksonia sellowiana	-12.5928	-72.2303
Dicksonia sellowiana	-29.517	-50.913
Dicksonia sellowiana	-12.6247	-72.2483
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Dicksonia sellowiana	-2.92278	-78.3717
Dicksonia sellowiana	15	-91.9167
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Dicksonia sellowiana	-25.4781	-49.2881
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Dicksonia sellowiana	-18.2422	-63.65
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Dicksonia sellowiana	-20.4799	-41.8294
Dicksonia sellowiana	-25.9016	-49.1124

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Dicksonia sellowiana	-27.1833	-53.8167
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Dicksonia sellowiana	-24.9653	-48.4147
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Dicksonia sellowiana	-24.3371	-50.5898
Dicksonia sellowiana	-18.2597	-63.6603
Dicksonia sellowiana	-10.5622	-75.4561
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Dicksonia sellowiana	5.541667	-75.8075
Dicksonia sellowiana	-14.5978	-68.9294
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Dicksonia sellowiana	6.981389	-75.1439
Dicksonia sellowiana	-17.8372	-64.7025
Dicksonia sellowiana	-10.3794	-75.4619
Dicksonia sellowiana	-17.8367	-64.7014
Dicksonia sellowiana	-17.8428	-64.6947
Dicksonia sellowiana	9.08416	-82.7456

Dicksonia sellowiana	9.071167	-82.7362
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Dicksonia sellowiana	9.54861	-83.8028
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Dicksonia sellowiana	9.531389	-83.8311
Dicksonia sellowiana	-22.25	-44.5667
Dicksonia sellowiana	-26.4167	-51.6
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Dicksonia sellowiana	9.6125	-84.0847
Dicksonia sellowiana	-10.3758	-75.6133
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Dicksonia sellowiana	-19.1053	-43.5678
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Dicksonia sellowiana	-17.8133	-64.715
Dicksonia sellowiana	-17.8203	-64.6103
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Dicksonia sellowiana	13.55	-85.6833
Dicksonia sellowiana	-22.8194	-44.3661
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Dicksonia sellowiana	-22.7481	-46.1547
Dicksonia sellowiana	10.3	-84.7833
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Dicksonia sellowiana	9.25006	-70.2104
Dicksonia sellowiana	9.2467	-70.2042
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Dicksonia sellowiana	-26.4333	-53.8167
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Dicksonia sellowiana	-17.7333	-64.7333
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Dicksonia sellowiana	-2.09555	-78.1817
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Dicksonia sellowiana	17.47056	-100.173
Dicksonia sellowiana	17.475	-100.169
Dicksonia sellowiana	16.80555	-92.5839
Dicksonia sellowiana	-26.8833	-53.9
Dicksonia sellowiana	17.47611	-100.178
Dicksonia sellowiana	17.47639	-100.178
Dicksonia sellowiana	10.43	-67.225
Dicksonia sellowiana	15.38111	-90.0625
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Dicksonia sellowiana	-4.98944	-78.8842
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Dicksonia sellowiana	-0.25	-77.866
Dicksonia sellowiana	-0.25	-77.8667
Dicksonia sellowiana	-25.7857	-51.6324
Dicksonia sellowiana	-18.13	-63.73
Dicksonia sellowiana	-18.1333	-63.7333
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Dicksonia sellowiana	0.633333	-77.5333
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Dicksonia sellowiana	-4.4819	-79.1267
Dicksonia sellowiana	-26.2	-53.6667
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Dicksonia sellowiana	-17.8181	-64.5347
Dicksonia sellowiana	1.16277	-77.9831
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Dicksonia sellowiana	17.65778	-96.5469
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Dicksonia sellowiana	-4.0833	-79.2
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Dicksonia sellowiana	-25.3887	-49.0036
Dicksonia sellowiana	17.64361	-96.5286

Dicksonia sellowiana	-29.0478	-50.1444
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Dicksonia sellowiana	10.2	-84.6
Dicksonia sellowiana	-17.8181	-64.6181
Dicksonia sellowiana	-17.825	-64.625
Dicksonia sellowiana	10.32	-84.77
Dicksonia sellowiana	-2.5	-78
Dicksonia sellowiana	10.32083	-84.775
Dicksonia sellowiana	-26.9833	-54.2
Dicksonia sellowiana	-29.1722	-51.18
Dicksonia sellowiana	-1.5	-78.5
Dicksonia sellowiana	-17.95	-64.4
Dicksonia sellowiana	-17.83	-64.4
Dicksonia sellowiana	8.9	-82.5833
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Dicksonia sellowiana	10.27722	-84.0825
Dicksonia sellowiana	6.48333	-76.2333
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Dicksonia sellowiana	14.5	-88.5833
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Dicksonia sellowiana	-18.07	-63.92
Dicksonia sellowiana	-13.3	-71.5833
Dicksonia sellowiana	-6.16666	-78.6667
Dicksonia sellowiana	-6.3667	-78.85
Dicksonia sellowiana	-25.5	-50.6667
Dicksonia sellowiana	-26.4167	-51.3333
Dicksonia sellowiana	-3.966	-79.266
Dicksonia sellowiana	-3.96666	-79.2667
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Dicksonia sellowiana	-0.2	-77.65
Dicksonia sellowiana	17.18	-92.905

Dicksonia sellowiana	-28.2853	-49.2989
Dicksonia sellowiana	4.58333	-73.6667
Dicksonia sellowiana	-0.383	-78.083
Dicksonia sellowiana	-0.38333	-78.0833
Dicksonia sellowiana	-4.466	-79.15
Dicksonia sellowiana	-4.46666	-79.15
Dicksonia sellowiana	-4.45	-79.15
Dicksonia sellowiana	-4.08333	-79.1667
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Dicksonia sellowiana	-4.083	-79.166
Dicksonia sellowiana	-17.8833	-64.2667
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Dicksonia sellowiana	-4.38333	-79.1167
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Dicksonia sellowiana	-28.0191	-50.3393
Dicksonia sellowiana	-17.83	-64.7
Dicksonia sellowiana	-17.8333	-64.7
Dicksonia sellowiana	9.085614	-83.5591
Dicksonia sellowiana	9.53	-70.15
Dicksonia sellowiana	9.533333	-70.15
Dicksonia sellowiana	9.607932	-83.9894
Dicksonia sellowiana	9.172778	-70.2456
Dicksonia sellowiana	15.11139	-92.1286
Dicksonia sellowiana	15.1	-92.0833
Dicksonia sellowiana	15.1	-92.083
Dicksonia sellowiana	-17.9167	-64.4167
Dicksonia sellowiana	9.55	-83.7
Dicksonia sellowiana	8.8	-82.3917
Dicksonia sellowiana	10.13	-84.11
Dicksonia sellowiana	10.14167	-84.1167

Dicksonia sellowiana	8.535833	-81.8189
Dicksonia sellowiana	10.33	-84.16
Dicksonia sellowiana	8.866667	-82.55
Dicksonia sellowiana	-1.1	-78.283
Dicksonia sellowiana	-4.45	-79.133
Dicksonia sellowiana	8.749722	-82.2444
Dicksonia sellowiana	-4.45	-79.1333
Dicksonia sellowiana	-1.1	-78.2833
Dicksonia sellowiana	-2.52946	-79.0244
Dicksonia sellowiana	-2.56255	-78.0058
Dicksonia sellowiana	13	-85.92
Dicksonia sellowiana	12.9167	-85.6667
Dicksonia sellowiana	14.46666	-89.0667
Dicksonia sellowiana	-10.5	-75.25
Dicksonia sellowiana	8.18333	-71.9
Dicksonia sellowiana	8.18	-71.9
Dicksonia sellowiana	-22.7339	-45.5903
Dicksonia sellowiana	8.73333	-82.2167
Dicksonia sellowiana	9.133333	-82.9667
Dicksonia sellowiana	9.133333	-82.95
Dicksonia sellowiana	19.5	-97.083
Dicksonia sellowiana	10.26805	-84.1578
Dicksonia sellowiana	19.33951	-96.3718
Dicksonia sellowiana	19.49167	-96.4917
Dicksonia sellowiana	8.866667	-82.5667
Dicksonia sellowiana	0.66666	-77.5833
Dicksonia sellowiana	9.77694	-83.96
Dicksonia sellowiana	7.56666	-72.4167
Dicksonia sellowiana	-25.6177	-49.4151
Dicksonia sellowiana	8.79	-82.95
Dicksonia sellowiana	1.13333	-77.9667
Dicksonia sellowiana	10.075	-64.1833
Dicksonia sellowiana	21.09	-97.9617

Dicksonia sellowiana	-0.73333	-77.8333
Dicksonia sellowiana	-0.41666	-77.8167
Dicksonia sellowiana	-22.75	-45.5833
Dicksonia sellowiana	-26.4842	-51.9906
Dicksonia sellowiana	8.83333	-82.4833
Dicksonia sellowiana	8.816667	-82.4
Dicksonia sellowiana	-2.7	-78.783
Dicksonia sellowiana	-3.166	-79.016
Dicksonia sellowiana	-3.16666	-79.0167
Dicksonia sellowiana	-2.7	-78.7833
Dicksonia sellowiana	7.51666	-72.4
Dicksonia sellowiana	14.81646	-86.6161
Dicksonia sellowiana	14.1333	-89.0167
Dicksonia sellowiana	14.31667	-89.1667
Dicksonia sellowiana	-5.61277	-78.2714
Dicksonia sellowiana	-5.604	-78.29
Dicksonia sellowiana	19.73972	-96.7442
Dicksonia sellowiana	8.533333	-81.8167
Dicksonia sellowiana	7.78333	-77.7333
Dicksonia sellowiana	-2.766	-78.616
Dicksonia sellowiana	-2.76666	-78.6167
Dicksonia sellowiana	-0.383	-77.966
Dicksonia sellowiana	-0.38333	-77.9667
Dicksonia sellowiana	8.816667	-82.45
Dicksonia sellowiana	13.93056	-86.8953
Dicksonia sellowiana	13.08333	-85.9667
Dicksonia sellowiana	10.06	-83.96
Dicksonia sellowiana	8.84	-82.5633
Dicksonia sellowiana	17.20083	-93.0117
Dicksonia sellowiana	0.833	-78.05
Dicksonia sellowiana	0.833333	-78.05
Dicksonia sellowiana	-25.4027	-49.5831
Dicksonia sellowiana	-25.4206	-51.6969

Dicksonia sellowiana	8.833333	-82.45
Dicksonia sellowiana	-25.6644	-49.0948
Dicksonia sellowiana	17.19	-92.9042
Dicksonia sellowiana	8.86	-82.5664
Dicksonia sellowiana	8.520613	-80.0904
Dicksonia sellowiana	8.833333	-82.5667
Dicksonia sellowiana	10.56323	-84.6103
Dicksonia sellowiana	-9.41666	-74.7333
Dicksonia sellowiana	-28.3408	-49.625
Dicksonia sellowiana	19.79	-97.25
Dicksonia sellowiana	9.7	-83.78
Dicksonia sellowiana	13.41667	-86.5667
Dicksonia sellowiana	17.417	-100.233
Dicksonia sellowiana	17.79	-94.1
Dicksonia sellowiana	-22.2858	-42.5309
Dicksonia sellowiana	17.476	-100.18
Dicksonia sellowiana	9.7	-83.95
Dicksonia sellowiana	9.973343	-84.1929
Dicksonia sellowiana	10.41999	-84.015
Dicksonia sellowiana	9.73	-83.95
Dicksonia sellowiana	-26.7795	-51.0154
Dicksonia sellowiana	-23.5403	-46.63
Dicksonia sellowiana	10.3719	-72.9328
Dicksonia sellowiana	14.20833	-87.0942
Dicksonia sellowiana	14.22917	-87.1056
Dicksonia sellowiana	-22.2819	-42.5311
Dicksonia sellowiana	-25.432	-49.2737
Dicksonia sellowiana	-29.3806	-51.115
Dicksonia sellowiana	-29.2193	-50.8905
Dicksonia sellowiana	-1.4628	-78.1869
Dicksonia sellowiana	10.1667	-69.8333
Dicksonia sellowiana	-29.3658	-50.8156
Dicksonia sellowiana	1.0275	-77.175

Dicksonia sellowiana	1.10944	-76.9758
Dicksonia sellowiana	3	-76
Dicksonia sellowiana	7.35083	-72.6444
Dicksonia sellowiana	7.350833	-72.6444
Dicksonia sellowiana	9.469218	-70.5101
Dicksonia sellowiana	6.675394	-73.515
Dicksonia sellowiana	4.44083	-74.305
Dicksonia sellowiana	5	-74.1667
Dicksonia sellowiana	-22	-49
Dicksonia sellowiana	-29.7603	-51.1472
Dicksonia sellowiana	7.28333	-72.85
Dicksonia sellowiana	-32.0394	-55.807
Dicksonia sellowiana	10.40777	-67.2852
Dicksonia sellowiana	8.8	-82.45
Dicksonia sellowiana	-22.5	-44.5634
Dicksonia sellowiana	-25.0281	-50.5849
Dicksonia sellowiana	-25.0239	-50.5842
Dicksonia sellowiana	15.24	-92.3
Dicksonia sellowiana	16.5	-92.5
Dicksonia sellowiana	-24.83	-51.14
Dicksonia sellowiana	-25.6	-49.71
Dicksonia sellowiana	-26.6	-51.1
Dicksonia sellowiana	-25.09	-50.15
Dicksonia sellowiana	-25.47	-49.01
Dicksonia sellowiana	-25.22	-49.34
Dicksonia sellowiana	-25.88	-50.83
Dicksonia sellowiana	-25.43	-48.94
Dicksonia sellowiana	-22.907	-43.2077
Dicksonia sellowiana	-25.14	-49.96
Dicksonia sellowiana	-30.037	-51.2308
Dicksonia sellowiana	-26.2442	-48.9514
Dicksonia sellowiana	-22.41	-44.65
Dicksonia sellowiana	-22.41	-44.63

Dicksonia sellowiana	17.81222	-96.9556
Dicksonia sellowiana	-29.6425	-53.5856
Dicksonia sellowiana	-29.64	-53.59
Dicksonia sellowiana	-21.9231	-46.3875
Dicksonia sellowiana	-6.51278	-76.4786
Dicksonia sellowiana	-26.2	-53.67
Dicksonia sellowiana	-26.02	-53.78
Dicksonia sellowiana	-26.88	-53.9
Dicksonia sellowiana	-26.43	-53.82
Dicksonia sellowiana	-26.98	-54.2
Dicksonia sellowiana	-26.9	-53.88
Dicksonia sellowiana	-9.16376	-74.3756
Dicksonia sellowiana	-1.42742	-78.7671
Dicksonia sellowiana	-17.1144	-65.6811
Dicksonia sellowiana	-18.1083	-63.95
Dicksonia sellowiana	7.37306	-72.4217
Dicksonia sellowiana	7.37028	-72.5903
Dicksonia sellowiana	5.70306	-73.4478
Dicksonia sellowiana	7.35191	-72.6896
Dicksonia sellowiana	4.4502	-74.3095
Dicksonia sellowiana	5.98972	-73.1592
Dicksonia sellowiana	5.92639	-73.2356
Dicksonia sellowiana	5.62389	-73.9419
Dicksonia sellowiana	4.44417	-74.3039
Dicksonia sellowiana	1.18333	-77.1833
Dicksonia sellowiana	6.30667	-72.8011
Dicksonia sellowiana	7.10889	-72.9842
Dicksonia sellowiana	5.4075	-76.0394
Dicksonia sellowiana	5.35833	-73.2775
Dicksonia sellowiana	4.97639	-74.3214
Dicksonia sellowiana	-17.83	-64.6744
Dicksonia sellowiana	3.8811	-72.8667
Dicksonia sellowiana	-16.7261	-64.435

Dicksonia sellowiana	-32.8667	-55.7933
Dicksonia sellowiana	7.370278	-72.5903
Dicksonia sellowiana	4.976389	-74.3214
Dicksonia sellowiana	5.623889	-73.9419
Dicksonia sellowiana	1.133333	-77.9667
Dicksonia sellowiana	10.13487	-73.0014
Dicksonia sellowiana	21.02583	-98.6331
Dicksonia sellowiana	17.468	-100.145
Dicksonia sellowiana	-26.4667	-53.8833
Dicksonia sellowiana	5.663611	-73.4525
Dicksonia sellowiana	1.153777	-77.1321
Dicksonia sellowiana	7.373056	-72.4217
Dicksonia sellowiana	6.777893	-76.2812
Dicksonia sellowiana	-21.9274	-46.3862
Dicksonia sellowiana	-31.619	-53.6936
Dicksonia sellowiana	-29.9178	-51.1836
Dicksonia sellowiana	-0.603	-77.85
Dicksonia sellowiana	-25.6763	-49.2972
Dicksonia sellowiana	-29.1683	-51.1792
Dicksonia sellowiana	-26.7756	-51.0147
Dicksonia sellowiana	-22.73	-45.59
Dicksonia sellowiana	-22.2819	-42.5308
Dicksonia sellowiana	-22.4961	-44.5631
Dicksonia sellowiana	-28.3369	-49.6244
Dicksonia sellowiana	-25.0242	-50.5842
Dicksonia sellowiana	-25.5931	-49.4103
Dicksonia sellowiana	-25.4278	-49.2731
Dicksonia sellowiana	-25.6575	-49.3081
Dicksonia sellowiana	-25.8828	-48.5747
Dicksonia sellowiana	-25.3656	-49.0769
Dicksonia sellowiana	-24.3239	-50.6156
Dicksonia sellowiana	-25.9281	-49.1989
Dicksonia sellowiana	-24.9744	-49.0858

Dicksonia sellowiana	-29.7374	-53.3171
Dicksonia sellowiana	-20.4524	-41.8192
Dicksonia sellowiana	-24.9883	-50.5854
Dicksonia sellowiana	-25.7705	-49.8711
Dicksonia sellowiana	-25.4417	-49.0633
Dicksonia sellowiana	-25.095	-50.1619
Dicksonia sellowiana	-23.7681	-52.4442
Dicksonia sellowiana	-28.6678	-50.4167
Dicksonia sellowiana	-29.0478	-50.1447
Dicksonia sellowiana	-29.3656	-50.8156
Dicksonia sellowiana	-31.7633	-52.4839
Dicksonia sellowiana	-29.1681	-51.1794
Dicksonia sellowiana	-29.5803	-51.0853
Dicksonia sellowiana	-29.2561	-51.5336
Dicksonia sellowiana	-29.3786	-50.8739
Dicksonia sellowiana	-29.5744	-50.7903
Dicksonia sellowiana	-30.3525	-51.5831
Dicksonia sellowiana	-29.6886	-51.4611
Dicksonia sellowiana	-29.5381	-51.0808
Dicksonia sellowiana	-29.3764	-51.1144
Dicksonia sellowiana	-29.6411	-50.4525
Dicksonia sellowiana	-29.6842	-53.8069
Dicksonia sellowiana	-29.4481	-50.5836
Dicksonia sellowiana	-29.4481	-51.8064
Dicksonia sellowiana	-29.5169	-50.7778
Dicksonia sellowiana	-27.5686	-48.9853
Dicksonia sellowiana	-27.4017	-51.225
Dicksonia sellowiana	-27.5967	-48.5492
Dicksonia sellowiana	-27.8161	-50.3261
Dicksonia sellowiana	-27.6453	-48.6678
Dicksonia sellowiana	-28.2939	-49.9317
Dicksonia sellowiana	-24	-48.34
Dicksonia sellowiana	-22.1891	-42.6529

Dicksonia sellowiana	-24.636	-51.6269
Dicksonia sellowiana	-25.58	-48.9194
Dicksonia sellowiana	-21.9764	-43.8955
Dicksonia sellowiana	-25.1865	-48.8442
Dicksonia sellowiana	-25.9728	-50.3961
Dicksonia sellowiana	-19.6424	-40.6642
Dicksonia sellowiana	-25.3744	-52.1264
Dicksonia sellowiana	-20.6036	-41.1847
Dicksonia sellowiana	-22.4689	-44.4467
Dicksonia sellowiana	-26.1064	-50.3222
Dicksonia sellowiana	-26.0811	-53.055
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Dicksonia sellowiana	-22.64	-44.57
Dicksonia sellowiana	-28.3589	-49.2914
Dicksonia sellowiana	-0.10491	-78.5936
Dicksonia sellowiana	-1.97501	-78.7208
Dicksonia sellowiana	-2.56399	-78.0075
Dicksonia sellowiana	-3.01413	-79.1542
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Dicksonia sellowiana	-13.1911	-72.1536
Dicksonia sellowiana	-10.3966	-75.3076
Dicksonia sellowiana	10.18108	-69.7657
Dicksonia sellowiana	10.41282	-63.3782
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Dicksonia sellowiana	4.76467	-74.1257
Dicksonia sellowiana	8.528325	-71.2504
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Dicksonia sellowiana	-0.65702	-77.8219
Dicksonia sellowiana	-1.29438	-78.5072

Dicksonia sellowiana	-22.2585	-48.742
Dicksonia sellowiana	-22.3761	-42.4922
Dicksonia sellowiana	-23.4253	-51.9386
Dicksonia sellowiana	-25.6956	-51.6597
Dicksonia sellowiana	-19.2303	-42.3283
Dicksonia sellowiana	-22.4961	-44.5633
Dicksonia sellowiana	-26.2841	-49.4607
Dicksonia sellowiana	-26.2756	-49.3836
Dicksonia sellowiana	-5.07408	-78.0508
Dicksonia sellowiana	-17.2322	-65.6329
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Dicksonia sellowiana	-15.223	-68.1255
Dicksonia sellowiana	-27.2492	-50.4974
Dicksonia sellowiana	-20.5231	-41.9044
Dicksonia sellowiana	-19.0372	-43.425
Dicksonia sellowiana	-25.3056	-49.0553
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Dicksonia sellowiana	-25.4133	-50.5475
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Dicksonia sellowiana	-24.2511	-49.7058
Dicksonia sellowiana	-18.458	-44.6577
Dicksonia sellowiana	-22.1675	-44.3947
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Dicksonia sellowiana	-22.7015	-45.5331
Dicksonia sellowiana	5.759532	-73.1218
Dicksonia sellowiana	-29.6328	-53.5705
Dicksonia sellowiana	-25.3881	-54.9532
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Dicksonia sellowiana	-22.4557	-43.0098
Dicksonia sellowiana	-26.4508	-51.8143
Dicksonia sellowiana	-25.5347	-49.2064
Dicksonia sellowiana	-26.8997	-48.8272

Dicksonia sellowiana	-27.5281	-52.7325
Dicksonia sellowiana	-29.3328	-53.0933
Dicksonia sellowiana	-27.6717	-51.4606
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Dicksonia sellowiana	-29.79	-50.435
Dicksonia sellowiana	-29.3353	-49.7269
Dicksonia sellowiana	-28.9361	-51.5494
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Dicksonia sellowiana	-23.54	-46.63
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Dicksonia sellowiana	-26.5647	-52.3283
Dicksonia sellowiana	-23.2178	-44.7131
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Dicksonia sellowiana	-22.6589	-45.8558
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Dicksonia sellowiana	-22.88	-48.44
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Dicksonia sellowiana	-23.93	-47.06
Dicksonia sellowiana	-22.6914	-45.4644
Dicksonia sellowiana	-23.5806	-46.7266
Dicksonia sellowiana	-23.7281	-47.1147
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Dicksonia sellowiana	-23.7963	-46.9969
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Dicksonia sellowiana	-27.5169	-48.7675
Dicksonia sellowiana	3.901894	-73.0859
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Dicksonia sellowiana	-30.0772	-51.7292
Dicksonia sellowiana	-29.1628	-51.6317
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Dicksonia sellowiana	-28.2992	-54.2631
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Dicksonia sellowiana	-24.7572	-51.7614
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Eugenia repanda	-19.5875	-43.4356
Eugenia repanda	-22.9339	-43.1161
Eugenia repanda	-23.99	-52.2306
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Eugenia repanda	-26.1803	-49.1714
Eugenia repanda	-23.45	-51.25
Eugenia repanda	-25.6221	-54.4474
Eugenia repanda	-25.6215	-54.4694
Eugenia repanda	-20.1493	-40.9303
Eugenia repanda	-25.6273	-54.4815
Eugenia repanda	-22.7772	-41.9
Eugenia repanda	-22.6	-50.38
Eugenia repanda	-28.1281	-55.5217
Eugenia repanda	-19.0883	-39.907

Eugenia repanda	-21.7867	-41.0322
Eugenia repanda	-14.7025	-39.6039
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Eugenia repanda	-21.85	-47.4333
Eugenia repanda	-22.6986	-53.2441
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Eugenia repanda	-23.401	-51.9676
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Eugenia repanda	-22.9094	-53.6419
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Eugenia repanda	-22.9386	-42.2511
Eugenia repanda	-22.9091	-53.6419
Eugenia repanda	-22.7131	-53.1692
Eugenia repanda	-20.9208	-56.6758
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Eugenia repanda	-20.0594	-40.4731
Eugenia repanda	-22.6892	-53.2328
Eugenia repanda	-24.2059	-52.3108
Eugenia repanda	-22.6894	-53.2331
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Eugenia repanda	-21.6989	-57.8825
Eugenia repanda	-22.6883	-51.7017
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Eugenia repanda	-12.1833	-39.15
Eugenia repanda	-12.1617	-39.1839
Eugenia repanda	-23.1078	-52.4444
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Eugenia repanda	-21.1197	-56.7847
Eugenia repanda	-22.7773	-41.8849
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Eugenia repanda	-22.7567	-53.2208
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Eugenia repanda	-23.4734	-50.232
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Eugenia repanda	-22.7725	-53.2694
Eugenia repanda	-22.7764	-41.9496
Eugenia repanda	-22.7026	-53.2823
Eugenia repanda	-19.1175	-39.8927
Eugenia repanda	-22.7086	-53.2733
Eugenia repanda	-22.7889	-53.3172
Eugenia repanda	-22.7197	-53.1769
Eugenia repanda	-22.7653	-53.2575
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Eugenia repanda	-25.4167	-57.1167
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Eugenia repanda	-23.92	-65.8
Eugenia repanda	-22.67	-63.65

Eugenia repanda	-23.37	-64.22
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Eugenia repanda	-30.52	-59.62
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Eugenia repanda	-25.4333	-54.6167
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Ocotea catharinensis	-25.3	-48.6694
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Ocotea catharinensis	-24.18	-47.92
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Ocotea catharinensis	-30.0472	-50.2367
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Ocotea catharinensis	-23.3303	-45.9453
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Ocotea catharinensis	-24.215	-53.3261

Ocotea catharinensis	-25.3878	-49.0106
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Ocotea catharinensis	-29.7867	-50.9981
Ocotea catharinensis	-23.5864	-45.5464
Ocotea catharinensis	-27.1272	-48.5308
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Ocotea catharinensis	-27.36	-48.78
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Ocotea porosa	-27.1022	-48.9178
Ocotea porosa	-25.1409	-50.0772
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Ocotea porosa	-25.4475	-49.0147
Ocotea porosa	-25.0744	-49.0656
Ocotea porosa	-25.9925	-49.3353
Ocotea porosa	-25.4278	-49.2731
Ocotea porosa	-26.4842	-51.9906
Ocotea porosa	-25.4417	-49.0633
Ocotea porosa	-25.19	-49.3142

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Ocotea porosa	-27.3942	-52.3003
Ocotea porosa	-27.2828	-50.5844
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Ocotea porosa	-26.9078	-48.6619
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Ocotea porosa	-25.8742	-50.3828
Ocotea porosa	-22.4319	-46.9578
Ocotea porosa	-23.43	-45.07
Ocotea porosa	-27.2492	-50.4974
Ocotea porosa	-24.636	-51.6269
Ocotea porosa	-24.11	-49.34
Ocotea porosa	-22.72	-47.64
Ocotea porosa	-25.1731	-49.9692
Ocotea porosa	-25.0743	-49.0654
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Ocotea porosa	-25.3247	-49.31
Ocotea porosa	-25.5839	-49.6356
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Ocotea porosa	-25.095	-50.1619
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Ocotea porosa	-27.4831	-50.1219
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Pouteria gardneri	-21.2558	-52.0369
Pouteria gardneri	-20.87	-51.48
Pouteria gardneri	-21.25	-48.32
Pouteria gardneri	-22.8758	-56.0627
Pouteria gardneri	-9.78111	-36.0936
Pouteria gardneri	-20.78	-49.82
Pouteria gardneri	-20.82	-49.37
Pouteria gardneri	-15.6	-56
Pouteria gardneri	-15.55	-48.1
Pouteria gardneri	-19.2286	-43.5067
Pouteria gardneri	-2.31537	-59.6855
Pouteria gardneri	-2.40639	-59.9011
Pouteria gardneri	-12.8472	-39.0894
Pouteria gardneri	-18.6472	-48.1872
Pouteria gardneri	-15.4606	-55.7497
Psidium amplexicaule	18.30946	-66.5549
Psidium amplexicaule	18.40448	-66.9708
Psidium amplexicaule	18.40448	-66.9709
Psidium amplexicaule	18.40276	-66.9688
Psidium amplexicaule	-11.024	-37.4529
Psidium amplexicaule	-11.0878	-37.2975
Psidium amplexicaule	-11.0147	-37.2064
Psidium amplexicaule	-11.2258	-37.4519
Psidium amplexicaule	-13.9861	-38.9506
Psidium amplexicaule	19.8661	-70.8057
Psidium amplexicaule	18.3422	-66.5865

Psidium amplexicaule	18.65367	-69.9602
Psidium amplexicaule	19.855	-70.7917
Psidium amplexicaule	19.63444	-70.2317
Psidium amplexicaule	19.86667	-70.8
Psidium amplexicaule	18.65	-69.9667
Psidium amplexicaule	-10.7378	-36.8558
Psidium amplexicaule	18.63333	-69.95
Psidium amplexicaule	18.33888	-66.6778
Psidium amplexicaule	18.3625	-66.6919
Psidium amplexicaule	18.35264	-66.583
Psidium amplexicaule	-12.6833	-38.3167
Psidium amplexicaule	-12.6964	-38.3234
Psidium amplexicaule	19.81667	-70.7333
Psidium amplexicaule	18.65	-69.95
Psidium amplexicaule	18.65	-69.9667
Psidium amplexicaule	18.348	-64.7131
Psidium amplexicaule	18.3364	-66.7158
Psidium amplexicaule	18.34167	-66.7
Psidium amplexicaule	18.8	-72.3667
Psidium amplexicaule	19.8333	-73.35
Psidium amplexicaule	19.8667	-70.75
Psidium amplexicaule	19.3167	-71.1667
Psidium amplexicaule	18.3341	-64.7287
Psidium amplexicaule	-12.9748	-38.5105
Psidium amplexicaule	18.65	-69.8833
Psidium amplexicaule	-10.7892	-37.0542
Psidium amplexicaule	-12.9667	-38.5
Eugenia corozalensis	18.34401	-66.3126
Psidium amplexicaule	18.3333	-64.75
Psidium amplexicaule	-12.5303	-38.2992
Psidium amplexicaule	-12.5167	-38.2833
Psidium amplexicaule	-12.6975	-38.3242
Psidium amplexicaule	-12.9711	-38.5108

Quillaja lancifolia	-29.9906	-51.3275
Quillaja lancifolia	-31.4333	-53.7833
Quillaja lancifolia	-28.8811	-52.1986
Quillaja lancifolia	-28.1403	-49.6353
Quillaja lancifolia	-27.874	-50.4026
Quillaja lancifolia	-28.4389	-49.9478
Quillaja lancifolia	-28.17	-50.1306
Quillaja lancifolia	-27.8117	-49.3222
Quillaja lancifolia	-27.63	-50.94
Quillaja lancifolia	-28.17	-50.7608
Quillaja lancifolia	-27.9003	-50.3997
Quillaja lancifolia	-28.0864	-50.5683
Quillaja lancifolia	-28.3339	-49.6781
Quillaja lancifolia	-27.8119	-50.4836
Quillaja lancifolia	-28.1456	-49.7111
Quillaja lancifolia	-27.9345	-50.4677
Quillaja lancifolia	-30.78	-53.64
Quillaja lancifolia	-28.44	-49.9989
Quillaja lancifolia	-28.4708	-51.3606
Quillaja lancifolia	-28.01	-49.375
Quillaja lancifolia	-29.1253	-51.0147
Quillaja lancifolia	-25.7857	-51.6324
Quillaja lancifolia	-28.0933	-50.5631
Quillaja lancifolia	-28.1214	-50.8861
Quillaja lancifolia	-29.7028	-53.7856
Quillaja lancifolia	-30.2917	-51.3014
Quillaja lancifolia	-27.9073	-50.7396
Quillaja lancifolia	-30.5935	-53.4779
Quillaja lancifolia	-27.912	-56.7978
Quillaja lancifolia	-28.3167	-52.1844
Quillaja lancifolia	-27.83	-50.5
Quillaja lancifolia	-25.3776	-51.4943
Quillaja lancifolia	-25.3956	-51.4581

Quillaja lancifolia	-25.3944	-51.4839
Quillaja lancifolia	-28.0624	-50.6064
Quillaja lancifolia	-31.4397	-53.1041
Quillaja lancifolia	-28.0389	-49.5781
Quillaja lancifolia	-30.3738	-51.3581
Quillaja lancifolia	-29.1028	-51.025
Quillaja lancifolia	-29.9163	-50.2679
Quillaja lancifolia	-25.4885	-50.8255
Quillaja lancifolia	-30.2062	-52.9864
Quillaja lancifolia	-31.6244	-52.5022
Quillaja lancifolia	-25.2522	-51.5433
Quillaja lancifolia	-28.0191	-50.3393
Quillaja lancifolia	-27.8161	-50.3258
Quillaja lancifolia	-30.5122	-53.4914
Quillaja lancifolia	-25.4278	-49.2731
Quillaja lancifolia	-26.8749	-54.6473
Quillaja lancifolia	-25.4133	-50.5475
Quillaja lancifolia	-30.5122	-53.4914
Quillaja lancifolia	-31.395	-52.6756
Quillaja lancifolia	-28.3142	-51.1817
Quillaja lancifolia	-29.8867	-50.2697
Quillaja lancifolia	-27.3289	-53.0586
Quillaja lancifolia	-27.2492	-50.4974
Quillaja lancifolia	-29.7374	-53.3171
Quillaja lancifolia	-29.6842	-53.8069
Quillaja lancifolia	-30.8908	-55.5328
Quillaja lancifolia	-29.4481	-50.5836
Quillaja lancifolia	-29.5867	-51.3756
Quillaja lancifolia	-28.5122	-50.9339
Quillaja lancifolia	-27.8161	-50.3261
Quillaja lancifolia	-28.2939	-49.9317
Rhamnidium glabrum	-19.9206	-40.1028
Rhamnidium glabrum	-26.3197	-49.3717

Rhamnidium glabrum	-26.3175	-49.3675
Rhamnidium glabrum	-26.2949	-49.3501
Rhamnidium glabrum	-26.3203	-49.3808
Rhamnidium glabrum	-17.58	-63.07
Rhamnidium glabrum	-14.6667	-66.3333
Rhamnidium glabrum	-22.6531	-43.0406
Rhamnidium glabrum	-25.4769	-48.8344
Rhamnidium glabrum	-25.3097	-49.0559
Rhamnidium glabrum	-26.7485	-48.9412
Rhamnidium glabrum	-22.907	-43.2077
Rhamnidium glabrum	-24.255	-49.7062
Rhamnidium glabrum	-27.5861	-48.4858
Rhamnidium glabrum	-26.8071	-48.9417
Rhamnidium glabrum	-26.2442	-48.9514
Rhamnidium glabrum	-26.7208	-48.9328
Rhamnidium glabrum	-25.01	-47.92
Rhamnidium glabrum	-18.5933	-39.7322
Rhamnidium glabrum	-19.3911	-40.0722
Rhamnidium glabrum	-19.6424	-40.6642
Rhamnidium glabrum	-22.2585	-48.742
Rhamnidium glabrum	-22.1891	-42.6529
Rhamnidium glabrum	-22.68	-46.68
Rhamnidium glabrum	-22.28	-48.12
Rhamnidium glabrum	-22.9028	-43.2075
Rhamnidium glabrum	-17.2942	-61.461
Rhamnidium glabrum	-25.3695	-57.5867
Rhamnidium glabrum	-23.0083	-51.9506
Rhamnidium glabrum	-22.505	-43.1786
Rhamnidium glabrum	-22.6528	-43.0406
Rhamnidium glabrum	-15.7811	-47.7972
Rhamnidium glabrum	-22.9269	-43.4558
Sloanea obtusifolia	-12.1667	-37.9667
Sloanea obtusifolia	-9.20446	-36.4004

Sloanea obtusifolia	-19.9856	-43.8467
Sloanea obtusifolia	-13.4297	-67.9085
Sloanea obtusifolia	-13.3203	-39.7803
Sloanea obtusifolia	-16.5	-39.25
Sloanea obtusifolia	-15.0753	-68.4658
Sloanea obtusifolia	-14.8	-39.6289
Sloanea obtusifolia	8.610833	-83.4819
Sloanea obtusifolia	-15.0903	-68.4622
Sloanea obtusifolia	-17.0875	-64.7669
Sloanea obtusifolia	-19.4319	-43.4329
Sloanea obtusifolia	-10.3475	-75.2594
Sloanea obtusifolia	-14.8	-39.1667
Sloanea obtusifolia	-17.0883	-64.7683
Sloanea obtusifolia	-0.63333	-76.5
Sloanea obtusifolia	-12.9272	-38.4272
Sloanea obtusifolia	-14.64	-39.2228
Sloanea obtusifolia	-15.0633	-39.2933
Sloanea obtusifolia	-13.03	-68.8489
Sloanea obtusifolia	-16.2667	-39.0167
Sloanea obtusifolia	-14.9733	-67.7953
Sloanea obtusifolia	-14.6475	-67.7944
Sloanea obtusifolia	-19.1514	-40.073
Sloanea obtusifolia	4.99	-52.92
Sloanea obtusifolia	-23.7102	-47.1009
Sloanea obtusifolia	-0.6	-77.75
Sloanea obtusifolia	-14.7233	-39.1544
Sloanea obtusifolia	8.738333	-83.4
Sloanea obtusifolia	-8.63635	-35.1824
Sloanea obtusifolia	-13.9275	-68.205
Sloanea obtusifolia	-13.9364	-68.2
Sloanea obtusifolia	-13.9277	-68.2052
Sloanea obtusifolia	-13.9366	-68.2002
Sloanea obtusifolia	-23.73	-45.77

Sloanea obtusifolia	9.48	-84
Sloanea obtusifolia	-4.58277	-78.2336
Sloanea obtusifolia	-24.6083	-47.8769
Sloanea obtusifolia	-24.6758	-47.8769
Sloanea obtusifolia	-13.3	-70.1167
Sloanea obtusifolia	-14.7819	-39.0692
Sloanea obtusifolia	-4.91667	-78.3167
Sloanea obtusifolia	-14.8	-39.17
Sloanea obtusifolia	-13.6667	-68.2
Sloanea obtusifolia	-0.91667	-76.2167
Sloanea obtusifolia	-19.9714	-40.5303
Sloanea obtusifolia	-15.15	-39.0833
Sloanea obtusifolia	8.72	-83.57
Sloanea obtusifolia	8.725	-83.5722
Sloanea obtusifolia	-3.33333	-72.9167
Sloanea obtusifolia	10.28333	-68.1667
Sloanea obtusifolia	8.616667	-83.525
Sloanea obtusifolia	-17	-64.7667
Sloanea obtusifolia	-15.1667	-66.6167
Sloanea obtusifolia	-8.05417	-34.8811
Sloanea obtusifolia	-12.8333	-69.2833
Sloanea obtusifolia	8.61	-83.46
Sloanea obtusifolia	8.616667	-83.4667
Sloanea obtusifolia	8.62	-83.47
Sloanea obtusifolia	-16.4287	-39.1182
Sloanea obtusifolia	-12.54	-69.05
Sloanea obtusifolia	-14.7462	-39.1961
Sloanea obtusifolia	-12.8167	-69.3
Sloanea obtusifolia	-11.8333	-71.4167
Sloanea obtusifolia	-11.8333	-71.42
Sloanea obtusifolia	15.71	-84.83
Sloanea obtusifolia	-12	-70.25
Sloanea obtusifolia	14.81646	-86.6161

Sloanea obtusifolia	15.73333	-87.45
Sloanea obtusifolia	-9.1839	-74.14
Sloanea obtusifolia	7.2	-66.92
Sloanea obtusifolia	-23.5442	-46.6304
Sloanea obtusifolia	-14.7889	-39.0494
Sloanea obtusifolia	6.213313	-63.4863
Sloanea obtusifolia	-23.6504	-46.648
Sloanea obtusifolia	-16.3333	-39.1333
Sloanea obtusifolia	-19.8667	-40.5333
Sloanea obtusifolia	-13.7481	-39.1542
Sloanea obtusifolia	7.2	-66.9167
Sloanea obtusifolia	-9.17225	-74.3566
Sloanea obtusifolia	-11.1333	-42.7333
Sloanea obtusifolia	-18.2556	-39.8194
Sloanea obtusifolia	10.18108	-69.7657
Sloanea obtusifolia	-15.223	-68.1255
Sloanea obtusifolia	-13.8566	-65.1539
Sloanea obtusifolia	-23.64	-46.85
Sloanea obtusifolia	-12.473	-41.7317
Sloanea obtusifolia	-20.6503	-41.9072
Sloanea obtusifolia	-22.1891	-42.6529
Sloanea obtusifolia	-22.7592	-43.4511
Sloanea obtusifolia	3.930323	-53.231
Sloanea obtusifolia	-14.7889	-39.0494
Sloanea obtusifolia	-19.3911	-40.0722
Sloanea obtusifolia	-19.932	-40.6087
Sloanea obtusifolia	-8.35917	-35.2236
Sloanea obtusifolia	-8.05389	-34.8811
Sloanea obtusifolia	-23.07	-44.96
Sloanea obtusifolia	-24.71	-47.88
Sloanea obtusifolia	-22.4122	-42.9656
Sloanea obtusifolia	-13.9447	-39.1039
Sloanea obtusifolia	-23.7102	-47.1009

Sloanea obtusifolia	-23.54	-46.63
Sloanea obtusifolia	-13.7322	-39.1492
Sloanea obtusifolia	-11.9727	-70.5317
Sloanea obtusifolia	-0.65702	-77.8219
Sloanea obtusifolia	-23.5228	-46.1883
Swietenia macrophylla	9.012339	-79.6468
Swietenia macrophylla	17.28683	-89.6183
Swietenia macrophylla	17.93654	-93.4194
Swietenia macrophylla	16.86499	-90.9709
Swietenia macrophylla	3.896436	-76.2986
Swietenia macrophylla	8.984379	-79.4801
Swietenia macrophylla	6.678745	-75.1366
Swietenia macrophylla	3.842066	-76.3094
Swietenia macrophylla	21.01315	-87.476
Swietenia macrophylla	15.75562	-85.9312
Swietenia macrophylla	8.550766	-77.8504
Swietenia macrophylla	18.20026	-66.0963
Swietenia macrophylla	16.22735	-61.7635
Swietenia macrophylla	9.029761	-79.5244
Swietenia macrophylla	16.17166	-61.6575
Swietenia macrophylla	10.01138	-84.8794
Swietenia macrophylla	18.33757	-93.2178
Swietenia macrophylla	10.25725	-75.3455
Swietenia macrophylla	18.41447	-89.9392
Swietenia macrophylla	18.25654	-65.7398
Swietenia macrophylla	17.48369	-91.9679
Swietenia macrophylla	9.966188	-84.1307
Swietenia macrophylla	13.79555	-89.3934
Swietenia macrophylla	0.761491	-79.8433
Swietenia macrophylla	15.87537	-97.0091
Swietenia macrophylla	18.43041	-66.4582
Swietenia macrophylla	9.137618	-79.771
Swietenia macrophylla	9.177323	-79.6812

Swietenia macrophylla	-11.1002	-66.1547
Swietenia macrophylla	16.34734	-90.8795
Swietenia macrophylla	21.80616	-99.2214
Swietenia macrophylla	9.197459	-79.5049
Swietenia macrophylla	4.990223	-75.7455
Swietenia macrophylla	-1.07	-77.67
Swietenia macrophylla	-0.68712	-90.3252
Swietenia macrophylla	-0.65223	-90.3654
Swietenia macrophylla	20.77116	-87.1658
Swietenia macrophylla	-23.683	-52.5705
Swietenia macrophylla	8.977366	-79.5494
Swietenia macrophylla	15.71781	-96.3782
Swietenia macrophylla	20.62634	-103.318
Swietenia macrophylla	10.35295	-75.4286
Swietenia macrophylla	16.75924	-90.8301
Swietenia macrophylla	13.82356	-89.9994
Swietenia macrophylla	21.13332	-86.9868
Swietenia macrophylla	16.88596	-92.043
Swietenia macrophylla	16.82683	-91.4611
Swietenia macrophylla	10.35783	-75.4294
Swietenia macrophylla	9.309435	-83.865
Swietenia macrophylla	9.12	-79.7
Swietenia macrophylla	9.12	-79.69
Swietenia macrophylla	17.04272	-89.0447
Swietenia macrophylla	18.83199	-88.3249
Swietenia macrophylla	16.66409	-90.8307
Swietenia macrophylla	3.937855	-76.2563
Swietenia macrophylla	-1.04	-77.78
Swietenia macrophylla	3.332127	-76.5511
Swietenia macrophylla	16.23338	-90.925
Swietenia macrophylla	-7.76	-76.35
Swietenia macrophylla	12.41	-85.04
Swietenia macrophylla	12.29	-85.37

Swietenia macrophylla	6.157238	-75.5871
Swietenia macrophylla	18.14003	-88.389
Swietenia macrophylla	-22.8322	-43.3747
Swietenia macrophylla	-5.62971	-50.6121
Swietenia macrophylla	16.05521	-61.6117
Swietenia macrophylla	10.39882	-75.5012
Swietenia macrophylla	19.41288	-96.3336
Swietenia macrophylla	7.859861	-72.5028
Swietenia macrophylla	13.62978	-89.5317
Swietenia macrophylla	13.67741	-89.4113
Swietenia macrophylla	13.67722	-89.4111
Swietenia macrophylla	18.05412	-92.8302
Swietenia macrophylla	10.26145	-75.5555
Swietenia macrophylla	20.48935	-97.2211
Swietenia macrophylla	-9.3375	-36.3022
Swietenia macrophylla	-16.5142	-47.9339
Swietenia macrophylla	8.511139	-75.9718
Swietenia macrophylla	-9.87078	-56.1105
Swietenia macrophylla	18.5165	-88.3095
Swietenia macrophylla	10.76195	-85.3233
Swietenia macrophylla	-10.299	-55.2929
Swietenia macrophylla	-12.9667	-38.5
Swietenia macrophylla	-13.43	-67.9
Swietenia macrophylla	10.34912	-85.3523
Swietenia macrophylla	14.74363	-61.0475
Swietenia macrophylla	9.5395	-75.3458
Swietenia macrophylla	-22.6661	-47.9128
Swietenia macrophylla	18.2495	-92.4632
Swietenia macrophylla	18.3096	-92.5932
Swietenia macrophylla	3.377701	-76.5344
Swietenia macrophylla	3.377653	-76.5344
Swietenia macrophylla	3.378015	-76.531
Swietenia macrophylla	3.378132	-76.5322

Swietenia macrophylla	3.377601	-76.5344
Swietenia macrophylla	3.373343	-76.5359
Swietenia macrophylla	25.3251	-80.8333
Swietenia macrophylla	19.15408	-88.0874
Swietenia macrophylla	18.03	-89.42
Swietenia macrophylla	19.19614	-88.161
Swietenia macrophylla	16.44707	-91.0256
Swietenia macrophylla	4.102083	-76.2683
Swietenia macrophylla	10.82524	-85.732
Swietenia macrophylla	9.012083	-79.6062
Swietenia macrophylla	20.19415	-97.4958
Swietenia macrophylla	20.02234	-97.5315
Swietenia macrophylla	20.01177	-97.4118
Swietenia macrophylla	19.85	-97.483
Swietenia macrophylla	8.570519	-72.7825
Swietenia macrophylla	16.55	-88.72
Swietenia macrophylla	12.13	-85.19
Swietenia macrophylla	10.84	-85.61
Swietenia macrophylla	11.005	-85.446
Swietenia macrophylla	-1.44361	-48.4472
Swietenia macrophylla	-1.45573	-48.4902
Swietenia macrophylla	19.46373	-96.577
Swietenia macrophylla	17.64535	-88.6959
Swietenia macrophylla	18.49653	-88.2857
Swietenia macrophylla	25.7743	-80.1937
Swietenia macrophylla	22.09485	-104.944
Swietenia macrophylla	19.84194	-88.1353
Swietenia macrophylla	-12.6966	-68.6406
Swietenia macrophylla	20.08278	-97.4775
Swietenia macrophylla	16.91017	-93.4689
Swietenia macrophylla	10.844	-85.614
Swietenia macrophylla	-9.65	-55.02
Swietenia macrophylla	9.363778	-84.071

Swietenia macrophylla	-0.89444	-89.5579
Swietenia macrophylla	-2.11	-76.2
Swietenia macrophylla	20.02833	-97.3167
Swietenia macrophylla	9.150126	-79.7321
Swietenia macrophylla	18.59833	-89.2803
Swietenia macrophylla	17.88694	-89.3642
Swietenia macrophylla	17.87322	-89.3568
Swietenia macrophylla	9.944678	-84.1578
Swietenia macrophylla	20.03269	-97.4688
Swietenia macrophylla	18.20556	-88.185
Swietenia macrophylla	-0.89183	-89.5108
Swietenia macrophylla	9.725	-84.35
Swietenia macrophylla	9.938889	-84.9028
Swietenia macrophylla	-0.84408	-90.9981
Swietenia macrophylla	-0.84425	-91.0223
Swietenia macrophylla	-14.23	-68.62
Swietenia macrophylla	-14.2	-68.65
Swietenia macrophylla	14.41	-85.15
Swietenia macrophylla	6.261944	-75.6
Swietenia macrophylla	9.944444	-84.9194
Swietenia macrophylla	19.85175	-88.1441
Swietenia macrophylla	19.85175	-88.1441
Swietenia macrophylla	13.8	-90.07
Swietenia macrophylla	13.8	-90.0667
Swietenia macrophylla	19.35833	-88.9156
Swietenia macrophylla	16.975	-93.7083
Swietenia macrophylla	19.31889	-88.825
Swietenia macrophylla	10.875	-85.8653
Swietenia macrophylla	10.88	-85.87
Swietenia macrophylla	-0.955	-90.9639
Swietenia macrophylla	16.98	-91.28
Swietenia macrophylla	16.98278	-91.2842
Swietenia macrophylla	17.53	-94.0289

Swietenia macrophylla	17.53	-94.0289
Swietenia macrophylla	-14.48	-68.54
Swietenia macrophylla	16.92778	-91.2647
Swietenia macrophylla	-11.8999	-64.1441
Swietenia macrophylla	19.85993	-96.4642
Swietenia macrophylla	10.89028	-85.9
Swietenia macrophylla	10.86944	-85.8611
Swietenia macrophylla	-12.57	-70.1
Swietenia macrophylla	-15.8125	-47.9375
Swietenia macrophylla	16.11639	-92.1311
Swietenia macrophylla	8.9967	-83.2232
Swietenia macrophylla	10.14893	-84.8328
Swietenia macrophylla	10.15	-84.83
Swietenia macrophylla	8.9967	-83.2231
Swietenia macrophylla	-14.58	-61.2
Swietenia macrophylla	19.84583	-96.5808
Swietenia macrophylla	18.82	-89.22
Swietenia macrophylla	18.66	-89.22
Swietenia macrophylla	18.81667	-89.2231
Swietenia macrophylla	19.38944	-88.0633
Swietenia macrophylla	18.66306	-89.2156
Swietenia macrophylla	18.8	-89.2231
Swietenia macrophylla	18.66306	-89.2156
Swietenia macrophylla	18.817	-89.2231
Swietenia macrophylla	-3.05	-77.93
Swietenia macrophylla	16.80778	-91.1117
Swietenia macrophylla	-14.35	-67.97
Swietenia macrophylla	20.38333	-97.4167
Swietenia macrophylla	20.39972	-89.3067
Swietenia macrophylla	21.10833	-89.6083
Swietenia macrophylla	21.10833	-89.3583
Swietenia macrophylla	21.1	-89.6028
Swietenia macrophylla	21.1	-89.6056

Swietenia macrophylla	-14.18	-67.92
Swietenia macrophylla	-14.1834	-67.9229
Swietenia macrophylla	13.817	-89.983
Swietenia macrophylla	17.9	-92.4208
Swietenia macrophylla	14.433	-89.35
Swietenia macrophylla	9.761111	-84.3
Swietenia macrophylla	9.76	-84.3
Swietenia macrophylla	17.17	-89.11
Swietenia macrophylla	20.02833	-97.5083
Swietenia macrophylla	20.03472	-97.4364
Swietenia macrophylla	20.01694	-97.5208
Swietenia macrophylla	20.01667	-97.5206
Swietenia macrophylla	20.01694	-97.5206
Swietenia macrophylla	20.02833	-97.575
Swietenia macrophylla	20.01667	-97.5208
Swietenia macrophylla	20.075	-97.5583
Swietenia macrophylla	20.21667	-90.4244
Swietenia macrophylla	16.91089	-93.6318
Swietenia macrophylla	9.8625	-84.2917
Swietenia macrophylla	9.86	-84.29
Swietenia macrophylla	-6.05	-77.92
Swietenia macrophylla	14.81646	-86.6161
Swietenia macrophylla	-17.77	-63.18
Swietenia macrophylla	20.225	-97.9133
Swietenia macrophylla	-1.47	-77.52
Swietenia macrophylla	9.77	-84.25
Swietenia macrophylla	9.7775	-84.2583
Swietenia macrophylla	16.75	-91.133
Swietenia macrophylla	16.65	-91.0989
Swietenia macrophylla	16.76056	-91.1303
Swietenia macrophylla	16.75833	-91.1417
Swietenia macrophylla	16.75	-91.1333
Swietenia macrophylla	16.76138	-91.1278

Swietenia macrophylla	16.76139	-91.1278
Swietenia macrophylla	14.08	-84.55
Swietenia macrophylla	16.55	-88.7167
Swietenia macrophylla	-15.8667	-47.85
Swietenia macrophylla	10.84583	-85.6153
Swietenia macrophylla	18.72	-88.42
Swietenia macrophylla	-14.35	-61.16
Swietenia macrophylla	17.21767	-88.6848
Swietenia macrophylla	16.72	-88.98
Swietenia macrophylla	18.77611	-110.959
Swietenia macrophylla	16.83	-89.02
Swietenia macrophylla	16.67	-89.03
Swietenia macrophylla	18.55	-89.4056
Swietenia macrophylla	18.54306	-89.4033
Swietenia macrophylla	18.54583	-89.4069
Swietenia macrophylla	16.983	-91.6
Swietenia macrophylla	9.76	-84.9
Swietenia macrophylla	6.262585	-75.5652
Swietenia macrophylla	10.92	-85.73
Swietenia macrophylla	10.92222	-85.7375
Swietenia macrophylla	10.92	-84.73
Swietenia macrophylla	10.83	-85.61
Swietenia macrophylla	10.81528	-85.6114
Swietenia macrophylla	14.92	-90.15
Swietenia macrophylla	-14.67	-61.42
Swietenia macrophylla	13.81667	-89.9333
Swietenia macrophylla	16.733	-91.083
Swietenia macrophylla	18.33	-65.83
Swietenia macrophylla	14.15	-84.27
Swietenia macrophylla	9.84	-85.36
Swietenia macrophylla	9.842506	-85.3619
Swietenia macrophylla	-1.07	-77.6
Swietenia macrophylla	15.05	-84.83

Swietenia macrophylla	16.725	-91.1056
Swietenia macrophylla	18.2	-67.133
Swietenia macrophylla	10.47833	-85.7458
Swietenia macrophylla	10.47	-85.74
Swietenia macrophylla	9.68	-84.39
Swietenia macrophylla	9.681944	-84.3939
Swietenia macrophylla	13.82	-89.93
Swietenia macrophylla	10.37	-85.31
Swietenia macrophylla	-14.8	-60.38
Swietenia macrophylla	16.11056	-90.9417
Swietenia macrophylla	16.12	-90.9267
Swietenia macrophylla	16.125	-90.925
Swietenia macrophylla	16.117	-90.917
Swietenia macrophylla	10.03278	-84.6208
Swietenia macrophylla	10.03	-84.62
Swietenia macrophylla	20.5375	-90.4208
Swietenia macrophylla	16.10111	-90.9242
Swietenia macrophylla	10.89	-85.6
Swietenia macrophylla	15.05	-84.95
Swietenia macrophylla	16.38	-89.15
Swietenia macrophylla	17.82	-89.03
Swietenia macrophylla	20.85	-90.2722
Swietenia macrophylla	20.85833	-90.2722
Swietenia macrophylla	16.628	-89.019
Swietenia macrophylla	-0.42	-76.62
Swietenia macrophylla	-1.05	-77.53
Swietenia macrophylla	16.11111	-90.9297
Swietenia macrophylla	-1.1	-77.63
Swietenia macrophylla	-1.08	-77.65
Swietenia macrophylla	10.32	-85.3
Swietenia macrophylla	-12.8883	-38.6786
Swietenia macrophylla	-14.92	-67.08
Swietenia macrophylla	-17.28	-63.52

Swietenia macrophylla	-15.85	-66.07
Swietenia macrophylla	-0.7426	-90.315
Swietenia macrophylla	-14.63	-60.7
Swietenia macrophylla	19.97361	-88.2542
Swietenia macrophylla	9.891667	-84.4694
Swietenia macrophylla	9.89	-84.46
Swietenia macrophylla	17.8	-88.98
Swietenia macrophylla	19.40833	-88.075
Swietenia macrophylla	19.86667	-96.7
Swietenia macrophylla	18.55	-89.4167
Swietenia macrophylla	16.75	-88.58
Swietenia macrophylla	16.79889	-91.1064
Swietenia macrophylla	16.80167	-91.1067
Swietenia macrophylla	10.5	-85.17
Swietenia macrophylla	-15.17	-66.62
Swietenia macrophylla	-16.58	-64.52
Swietenia macrophylla	-17.45	-63.6667
Swietenia macrophylla	-16.33	-62.92
Swietenia macrophylla	-11.2	-69.33
Swietenia macrophylla	-10.6552	-68.5061
Swietenia macrophylla	-17.775	-63.1931
Swietenia macrophylla	15.79	-88.87
Swietenia macrophylla	16.98	-88.93
Swietenia macrophylla	9.8	-84.57
Swietenia macrophylla	9.78	-84.53
Swietenia macrophylla	17.80833	-96.125
Swietenia macrophylla	18.56	-89.4
Swietenia macrophylla	18.57222	-89.4097
Swietenia macrophylla	18.5667	-89.4125
Swietenia macrophylla	10.92	-85.5
Swietenia macrophylla	-3.83	-73.33
Swietenia macrophylla	-16.3833	-39.1333
Swietenia macrophylla	-14.67	-60.67

Swietenia macrophylla	-0.6955	-90.3251
Swietenia macrophylla	-2.88333	-59.97
Swietenia macrophylla	20.4	-97.4417
Swietenia macrophylla	16.99222	-91.2992
Swietenia macrophylla	17.02833	-91.3217
Swietenia macrophylla	16.99104	-91.2908
Swietenia macrophylla	16.99028	-91.2908
Swietenia macrophylla	17.19159	-91.5011
Swietenia macrophylla	-25.4278	-49.2731
Swietenia macrophylla	9.085614	-83.5591
Swietenia macrophylla	10.44937	-85.3944
Swietenia macrophylla	19.49472	-87.9936
Swietenia macrophylla	19.14167	-88.1083
Swietenia macrophylla	19.21611	-88.0461
Swietenia macrophylla	-17.73	-63.67
Swietenia macrophylla	-0.47	-76.83
Swietenia macrophylla	10.41	-85.32
Swietenia macrophylla	9.818677	-83.6815
Swietenia macrophylla	13.05	-84.97
Swietenia macrophylla	13.05	-84.967
Swietenia macrophylla	-11.2	-63.05
Swietenia macrophylla	18.56417	-91.0158
Swietenia macrophylla	16.47	-90.64
Swietenia macrophylla	19.83	-87.66
Swietenia macrophylla	19.61042	-87.9816
Swietenia macrophylla	19.617	-87.933
Swietenia macrophylla	10.9	-85.73
Swietenia macrophylla	21.15833	-86.825
Swietenia macrophylla	21.11	-86.87
Swietenia macrophylla	22.40833	-105.208
Swietenia macrophylla	16.80051	-91.1061
Swietenia macrophylla	16.64861	-90.83
Swietenia macrophylla	18.23	-89.04

Swietenia macrophylla	18.22917	-89.0389
Swietenia macrophylla	18.24488	-89.0389
Swietenia macrophylla	19.7	-87.95
Swietenia macrophylla	19.64019	-87.9229
Swietenia macrophylla	18.54	-89.4
Swietenia macrophylla	8.96	-79.55
Swietenia macrophylla	3.39278	-76.4647
Swietenia macrophylla	18.545	-89.4031
Swietenia macrophylla	12.08	-85.12
Swietenia macrophylla	18.60833	-90.725
Swietenia macrophylla	18.61444	-90.8144
Swietenia macrophylla	16.70833	-91.0583
Swietenia macrophylla	16.70833	-91.065
Swietenia macrophylla	18.50361	-88.3053
Swietenia macrophylla	18.96389	-90.2958
Swietenia macrophylla	19.15	-90.1667
Swietenia macrophylla	17.33083	-91.6825
Swietenia macrophylla	-11.9	-71.37
Swietenia macrophylla	18.55	-89.4333
Swietenia macrophylla	18.56472	-103.643
Swietenia macrophylla	-12	-70.25
Swietenia macrophylla	18.45417	-103.555
Swietenia macrophylla	13.97	-84.7
Swietenia macrophylla	18.583	-95.083
Swietenia macrophylla	17.23269	-91.4763
Swietenia macrophylla	17.23194	-91.4764
Swietenia macrophylla	16.84167	-91.375
Swietenia macrophylla	16.82778	-91.2533
Swietenia macrophylla	19.995	-96.88
Swietenia macrophylla	19.99667	-96.8842
Swietenia macrophylla	9.06	-79.65
Swietenia macrophylla	7.06283	-73.7768
Swietenia macrophylla	16.81667	-91.2833

Swietenia macrophylla	19.30889	-96.91
Swietenia macrophylla	17.57694	-91.2236
Swietenia macrophylla	17.83333	-91.1333
Swietenia macrophylla	17.2525	-94.6128
Swietenia macrophylla	17.25	-94.6667
Swietenia macrophylla	10.5	-85.16
Swietenia macrophylla	8.95	-79.57
Swietenia macrophylla	14.47	-84.05
Swietenia macrophylla	14.63	-83.93
Swietenia macrophylla	10.58	-85.37
Swietenia macrophylla	18.28138	-65.7831
Swietenia macrophylla	17.85833	-91.7917
Swietenia macrophylla	17.975	-92.925
Swietenia macrophylla	11.22827	-74.1776
Swietenia macrophylla	17.275	-91.7917
Swietenia macrophylla	17.20833	-91.7917
Swietenia macrophylla	7.0758	-65.9119
Swietenia macrophylla	17.94802	-96.1701
Swietenia macrophylla	20.07982	-96.8989
Swietenia macrophylla	9.15	-79.85
Swietenia macrophylla	10.06	-84.73
Swietenia macrophylla	17.20833	-91.745
Swietenia macrophylla	18.62889	-90.3
Swietenia macrophylla	12.28	-84.02
Swietenia macrophylla	17.45833	-91.4417
Swietenia macrophylla	10.46	-85.12
Swietenia macrophylla	17.81917	-93.2989
Swietenia macrophylla	-1.45917	-48.5049
Swietenia macrophylla	17.975	-92.8417
Swietenia macrophylla	18.6122	-90.7972
Swietenia macrophylla	16.43	-90.19
Swietenia macrophylla	19.50833	-88.5917
Swietenia macrophylla	-9.1839	-74.14

Swietenia macrophylla	-4.12382	-74.4241
Swietenia macrophylla	15.5863	-61.4728
Swietenia macrophylla	19.98333	-96.8167
Swietenia macrophylla	20.43848	-97.6778
Swietenia macrophylla	20.37868	-97.888
Swietenia macrophylla	-9.00778	-74.8517
Swietenia macrophylla	-16.0444	-49.6233
Swietenia macrophylla	-1.28499	-48.4555
Swietenia macrophylla	18.13778	-94.4353
Swietenia macrophylla	8.185954	-77.1604
Swietenia macrophylla	9.988635	-83.0522
Swietenia macrophylla	13	-84.37
Swietenia macrophylla	16.23333	-88.9833
Swietenia macrophylla	25.77527	-80.2097
Swietenia macrophylla	16.97	-88.44
Swietenia macrophylla	17.22278	-100.641
Swietenia macrophylla	18.14389	-94.4111
Swietenia macrophylla	17.56	-94.73
Swietenia macrophylla	-9.30992	-70.4467
Swietenia macrophylla	22.13078	-80.3393
Swietenia macrophylla	18.03	-88.43
Swietenia macrophylla	15.69	-88.6
Swietenia macrophylla	10.56323	-84.6103
Swietenia macrophylla	-17.58	-63.6
Swietenia macrophylla	16.73333	-88.9833
Swietenia macrophylla	-12.53	-70.0818
Swietenia macrophylla	-1.4628	-78.1869
Swietenia macrophylla	-16.7261	-64.435
Swietenia macrophylla	-9	-74
Swietenia macrophylla	-17.74	-63.2
Swietenia macrophylla	-15.05	-63.32
Swietenia macrophylla	-14.5	-62.1
Swietenia macrophylla	8.51286	-75.9698

Swietenia macrophylla	18.61318	-90.7888
Swietenia macrophylla	18.92787	-99.2285
Swietenia macrophylla	2.372778	-72.6389
Swietenia macrophylla	2.57275	-72.3854
Swietenia macrophylla	23.94381	-102.527
Swietenia macrophylla	-3.17467	-58.7772
Swietenia macrophylla	7.125258	-66.1506
Swietenia macrophylla	-14.7714	-39.2277
Swietenia macrophylla	3.901894	-73.0859
Swietenia macrophylla	16.30422	-61.7797
Swietenia macrophylla	16.14378	-61.7542
Swietenia macrophylla	16.25339	-61.2624
Swietenia macrophylla	16.29428	-61.7096
Swietenia macrophylla	-10.7426	-53.0803
Swietenia macrophylla	-14.6333	-60.7
Swietenia macrophylla	-16.3333	-62.9167
Swietenia macrophylla	-8	-70
Swietenia macrophylla	16.49106	-92.4748
Swietenia macrophylla	-12.9496	-55.9192
Swietenia macrophylla	15.69757	-90.3547
Swietenia macrophylla	8.520613	-80.0904
Swietenia macrophylla	18.22424	-66.4795
Swietenia macrophylla	-3.97422	-53.0638
Swietenia macrophylla	-22.2585	-48.742
Swietenia macrophylla	-16.7133	-64.6568
Swietenia macrophylla	-2.44306	-54.7083
Swietenia macrophylla	-16.0706	-57.6789
Swietenia macrophylla	-12.7406	-60.1458
Swietenia macrophylla	-1.45583	-48.5044
Swietenia macrophylla	-10.1667	-59.4594
Swietenia macrophylla	-22.9028	-43.2075
Swietenia macrophylla	-3.10194	-60.025
Swietenia macrophylla	-17.2942	-61.461

Swietenia macrophylla	-13.8566	-65.1539
Swietenia macrophylla	9.469218	-70.5101
Swietenia macrophylla	9.975435	-67.1035
Swietenia macrophylla	-11.7665	-76.6045
Swietenia macrophylla	-4.18224	-64.6985
Swietenia macrophylla	8.141256	-69.8588
Swietenia macrophylla	-7.03953	-76.7291
Swietenia macrophylla	-19.9208	-43.9378
Swietenia macrophylla	-15.7797	-47.9297
Swietenia macrophylla	-22.7231	-44.1356
Swietenia macrophylla	-7.63111	-72.67
Swietenia macrophylla	-9.97472	-67.81
Swietenia macrophylla	-10.5	-67.75
Swietenia macrophylla	-3.14306	-58.4442
Swietenia macrophylla	-22.72	-47.64
Swietenia macrophylla	-6.8	-49.2
Swietenia macrophylla	-5.36861	-49.1178
Swietenia macrophylla	-7.7	-50
Swietenia macrophylla	-2.41889	-48.1522
Swietenia macrophylla	-19.8203	-40.2733
Swietenia macrophylla	-11.9727	-70.5317
Swietenia macrophylla	3.930323	-53.231
Swietenia macrophylla	-19.3911	-40.0722
Swietenia macrophylla	5.759532	-73.1218
Swietenia macrophylla	9.030893	-69.2475
Swietenia macrophylla	-18.458	-44.6577
Swietenia macrophylla	-2.5575	-73.4878
Swietenia macrophylla	-3.5	-48.6
Swietenia macrophylla	-9.42168	-76.0406
Swietenia macrophylla	8.528325	-71.2504
Swietenia macrophylla	-9.17225	-74.3566
Swietenia macrophylla	-11.5211	-61.835
Swietenia macrophylla	-12.9619	-60.8867

Swietenia macrophylla	-19.9236	-43.9922
Swietenia macrophylla	-14.5136	-56.4825
Swietenia macrophylla	-16.6786	-49.2539
Swietenia macrophylla	-14.7889	-39.0494
Swietenia macrophylla	-3.09611	-59.9858
Swietenia macrophylla	-2.92633	-60.0209
Swietenia macrophylla	-15.5961	-56.0967
Zeyheria tuberculosa	-20.3683	-40.3375
Zeyheria tuberculosa	-19.082	-40.0301
Zeyheria tuberculosa	-20.0161	-40.2592
Zeyheria tuberculosa	-20.0167	-40.2916
Zeyheria tuberculosa	-20.0306	-40.2727
Zeyheria tuberculosa	-20.0052	-40.2177
Zeyheria tuberculosa	-20.061	-40.3485
Zeyheria tuberculosa	-20.0925	-40.2707
Zeyheria tuberculosa	-20.0323	-40.2789
Zeyheria tuberculosa	-19.4868	-59.1059
Zeyheria tuberculosa	-22.4874	-50.418
Zeyheria tuberculosa	-14.225	-42.5297
Zeyheria tuberculosa	-20.0558	-40.4658
Zeyheria tuberculosa	-10.9928	-37.6726
Zeyheria tuberculosa	-22.937	-47.1325
Zeyheria tuberculosa	-15.4375	-44.3125
Zeyheria tuberculosa	-19.591	-43.6665
Zeyheria tuberculosa	-18.9527	-43.3959
Zeyheria tuberculosa	-15.76	-41.7881
Zeyheria tuberculosa	-22.8823	-47.0506
Zeyheria tuberculosa	-13.5453	-40.5447
Zeyheria tuberculosa	-20.5497	-40.4806
Zeyheria tuberculosa	-13.9575	-40.1159
Zeyheria tuberculosa	-20.2437	-40.3539
Zeyheria tuberculosa	-12.6833	-41.1667
Zeyheria tuberculosa	-21.8944	-41.9517

Zeyheria tuberculosa	-23.401	-51.9676
Zeyheria tuberculosa	-14.8833	-41.9667
Zeyheria tuberculosa	-12.4667	-41.0833
Zeyheria tuberculosa	-12.2886	-41.1608
Zeyheria tuberculosa	-18.9097	-43.4236
Zeyheria tuberculosa	-9.56647	-36.422
Zeyheria tuberculosa	-7.55452	-38.9173
Zeyheria tuberculosa	-7.42475	-38.9569
Zeyheria tuberculosa	-16.0433	-42.3525
Zeyheria tuberculosa	-16.795	-43.0622
Zeyheria tuberculosa	-21.8851	-41.9464
Zeyheria tuberculosa	-22.2355	-52.2735
Zeyheria tuberculosa	-22.9238	-47.66
Zeyheria tuberculosa	-7.13958	-38.482
Zeyheria tuberculosa	-7.08655	-38.5865
Zeyheria tuberculosa	-13.4145	-42.4612
Zeyheria tuberculosa	-22.8	-48.7333
Zeyheria tuberculosa	-14.2395	-40.136
Zeyheria tuberculosa	-13.105	-41.7336
Zeyheria tuberculosa	-14.5931	-42.5089
Zeyheria tuberculosa	-23.0711	-46.9214
Zeyheria tuberculosa	-17.4603	-39.2397
Zeyheria tuberculosa	-10.4919	-37.1931
Zeyheria tuberculosa	-19.1389	-40.062
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Cedrela angustifolia	-18.5733	-64.1044
Cedrela angustifolia	-14.3743	-67.494
Cedrela angustifolia	-16.5035	-68.1175
Cedrela angustifolia	-18.5739	-64.1061
Cedrela angustifolia	-26.8569	-50.7039
Cedrela angustifolia	-18.0678	-63.9311
Cedrela angustifolia	-12.4833	-72.3333
Cedrela angustifolia	-21.0928	-64.2728
Cedrela angustifolia	-13.3925	-72.8606
Cedrela angustifolia	-17.8286	-64.6739
Cedrela angustifolia	3.479722	-75.1867
Cedrela angustifolia	-9.1839	-74.14

Cedrela angustifolia	-20.4003	-63.9297
Cedrela angustifolia	-5.68138	-79.2669
Cedrela angustifolia	-19.3833	-64.2
Cedrela angustifolia	-17.85	-64.5333
Cedrela angustifolia	-17.9	-64.4833
Cedrela angustifolia	-5.09944	-78.8917
Cedrela angustifolia	-3.94777	-79.2644
Cedrela angustifolia	-17.8461	-64.5483
Cedrela angustifolia	-3.83027	-79.4203
Cedrela angustifolia	-18.8114	-63.8861
Cedrela angustifolia	-17.5	-61.5
Cedrela angustifolia	-17.8833	-64.4333
Cedrela angustifolia	-17.95	-64.4
Cedrela angustifolia	-4.41667	-79.25
Cedrela angustifolia	-18.5181	-64.0853
Cedrela angustifolia	-17.8833	-64.2667
Cedrela angustifolia	-3.91666	-79.15
Cedrela angustifolia	-18.5417	-63.9583
Cedrela angustifolia	-14	-73
Cedrela angustifolia	-14.05	-73.25
Cedrela angustifolia	-13.3	-72.1167
Cedrela angustifolia	-17.05	-66.85
Cedrela angustifolia	-9.13333	-77.75
Cedrela angustifolia	-23.3653	-64.2172
Cedrela angustifolia	3.916667	-77
Cedrela angustifolia	11.23472	-74.2017
Cedrela angustifolia	7.57572	-76.7233
Cedrela angustifolia	7.571218	-76.7097
Cedrela angustifolia	-22.5	-53.6167
Cedrela angustifolia	-23.2025	-58.1689
Cedrela angustifolia	7.30154	-75.0691
Cedrela angustifolia	7.30453	-75.0778
Cedrela angustifolia	9.1333	-79.7

Cedrela angustifolia	8.683333	-79.9167
Cedrela angustifolia	11.11171	-74.0562
Cedrela angustifolia	7.0758	-65.9119
Cedrela angustifolia	1.618611	-75.6178
Cedrela angustifolia	3.8811	-72.8667
Cedrela angustifolia	-26.6667	-53.5667
Cedrela angustifolia	-26.6667	-53.5667
Cedrela angustifolia	6.55066	-75.2289
Cedrela angustifolia	6.55066	-75.2289
Cedrela angustifolia	6.55981	-75.2271
Cedrela angustifolia	4.39089	-74.3467
Cedrela angustifolia	4.390895	-74.3467
Cedrela angustifolia	-1.4628	-78.1869
Cedrela angustifolia	20.68406	-88.5683
Cedrela angustifolia	-17.2354	-65.502
Cedrela angustifolia	-35.3869	-64.9208
Cedrela angustifolia	-3.60132	-52.4957
Cedrela angustifolia	-26.9711	-65.3494
Cedrela angustifolia	-26.8389	-65.2261
Cedrela angustifolia	19.92333	-96.7281
Cedrela angustifolia	-26.51	-64.83
Cedrela angustifolia	-26.84	-65.23
Cedrela angustifolia	12.29333	-86.2792
Cedrela angustifolia	-25	-57
Cedrela angustifolia	-9.16389	-74.3756
Protium icicariba	-22.235	-41.5956
Protium icicariba	-22.9489	-42.0719
Protium icicariba	-23.015	-43.4447
Protium icicariba	-19.6975	-39.9322
Protium icicariba	-19.4811	-39.7372
Protium icicariba	-18.9594	-39.7389
Protium icicariba	-18.6808	-39.7461
Protium icicariba	-19.4831	-39.7381

Protium icicariba	-21.2364	-40.9867
Protium icicariba	-20.55	-40.3967
Protium icicariba	-19.1775	-39.7092
Protium icicariba	-18.6942	-39.7939
Protium icicariba	-18.7489	-39.8736
Protium icicariba	-20.5975	-40.4239
Protium icicariba var. talmonii	-15.27	-39.0531
Protium icicariba	-16.5597	-39.2394
Protium icicariba	-15.8186	-39.2439
Protium icicariba	-22.2967	-41.6872
Protium icicariba	-22.2917	-41.6825
Protium icicariba	-22.2914	-41.6811
Protium icicariba	-22.2994	-41.6899
Protium icicariba	-22.2081	-41.4925
Protium icicariba	-18.6522	-39.7808
Protium icicariba	-12.9833	-38.5167
Protium icicariba	-15.3392	-39.0092
Protium icicariba	-18.6686	-39.8019
Protium icicariba	-19.1	-39.75
Protium icicariba	-12.9833	-38.5
Protium icicariba	-18.6461	-39.7764
Protium icicariba	-14.7875	-39.0917
Protium icicariba var. icicariba	-14.3852	-39.3683
Protium icicariba	-21.2211	-40.9706
Protium icicariba	-18.8492	-40.0195
Protium icicariba	-12.2167	-37.8833
Protium icicariba	-21.2175	-40.961
Protium icicariba var. talmonii	-15.27	-39.0514
Protium icicariba var. talmonii	-15.1783	-39.3358
Protium icicariba	-19.1631	-39.8825
Protium icicariba	-21.2347	-40.9831
Protium icicariba var. icicariba	-19.2094	-39.9628
Protium icicariba var. icicariba	-22.8794	-42.0186

Protium icicariba	-14.95	-39.2833
Protium icicariba	-14.4167	-39.0833
Protium icicariba	-21.4117	-42.0331
Protium icicariba	-20.4622	-40.3433
Protium icicariba var. talmonii	-14.2667	-38.9833
Protium icicariba var. talmonii	-15.2722	-39.0514
Protium icicariba var. icicariba	-19.1425	-39.8883
Protium icicariba var. icicariba	-19.12	-39.8883
Protium icicariba var. talmonii	-14.3514	-39.0653
Protium icicariba	-14.5861	-39.1172
Protium icicariba	-13.7167	-39.1333
Protium icicariba var. talmonii	-15.3153	-39.0056
Protium icicariba	-14.0689	-44.4964
Protium icicariba	-14.2458	-44.7586
Protium icicariba	-12.5833	-44.8167
Protium icicariba	-13.5544	-39.0353
Protium icicariba var. talmonii	-14.98	-39.05
Protium icicariba	-19.0883	-39.907
Protium icicariba	-13.5896	-38.9197
Protium icicariba var. talmonii	-14.55	-39.9333
Protium icicariba	-22.4543	-41.9473
Protium icicariba var. talmonii	-15.15	-39.0833
Protium icicariba	-22.907	-43.2077
Protium icicariba var. icicariba	-19.3911	-40.0719
Protium icicariba var. talmonii	-14.7819	-39.0692
Protium icicariba var. talmonii	-15.2933	-39.0753
Protium icicariba icicariba	-22.2949	-41.9754
Protium icicariba var. talmonii	-14.7819	-39.0692
Protium icicariba var. talmonii	-15.15	-39.0833
Protium icicariba	-14.9833	-39.05
Protium icicariba var. talmonii	-14.37	-39.07
Protium icicariba var. talmonii	-15.155	-39.0007
Protium icicariba var. talmonii	-14.3667	-39.0667

Protium icicariba var. talmonii	-15.2833	-39.0667
Protium icicariba var. talmonii	-14.4231	-39.0617
Protium icicariba var. talmonii	-14.4167	-39.0167
Protium icicariba var. icicariba	-22.4808	-42.2042
Protium icicariba	-22.9194	-42.8186
Protium icicariba	-19.5833	-39.8
Protium icicariba	-12.9333	-38.35
Protium icicariba var. talmonii	-16.3833	-39.1333
Protium icicariba var. icicariba	-22.9194	-42.8183
Protium icicariba	-19.9769	-40.6442
Protium icicariba var. talmonii	-15.3167	-39
Protium icicariba var. icicariba	-22.25	-41.67
Protium icicariba var. icicariba	-20.6581	-40.5108
Protium icicariba var. icicariba	-20.6619	-40.5108
Protium icicariba var. talmonii	-14.95	-39
Protium icicariba	-20.5849	-40.5472
Protium icicariba	-20.5547	-40.41
Protium icicariba	-20.5472	-40.3924
Protium icicariba	-20.434	-40.3786
Protium icicariba var. talmonii	-14.7462	-39.1961
Protium icicariba var. talmonii	-14.7583	-39.2263
Protium icicariba var. talmonii	-14.7889	-39.0494
Protium icicariba var. talmonii	-15.1063	-39.0018
Protium icicariba var. icicariba	-19.1382	-39.9612
Protium icicariba	-20.4269	-40.3278
Protium icicariba var. talmonii	-16.095	-39.2072
Protium icicariba	-23.0259	-43.4702
Protium icicariba	-22.8747	-42.0322
Protium icicariba var. talmonii	-15.2952	-39.0761
Protium icicariba var. icicariba	-23.0108	-43.3989
Protium icicariba var. icicariba	-22.9467	-42.0317
Protium icicariba var. icicariba	-22.9479	-43.2894
Protium icicariba var. talmonii	-14.4997	-39.115

Protium icicariba	-16.3333	-39.1333
Protium icicariba	-18.7303	-39.7533
Protium icicariba	-18.6253	-39.7356
Protium icicariba	-18.6211	-39.7331
Protium icicariba	-19.6686	-39.8883
Protium icicariba	-18.5933	-39.7322
Protium icicariba	-18.7161	-39.8589
Protium icicariba	-19.3911	-40.0722
Protium icicariba	-22.9597	-44.0406
Protium icicariba	-22.2022	-41.4758
Protium icicariba	-20.3194	-40.3378
Protium icicariba talmonii	-22.9269	-43.4558
Protium icicariba	-19.9208	-43.9378
Protium icicariba	-22.1872	-41.6611
Protium icicariba	-15.2224	-39.1659
Protium icicariba var. talmonii	-16.4497	-39.0647
Protium icicariba	-22.9	-47.06
Protium icicariba	-22.2919	-41.7058
Protium icicariba	-22.3708	-41.7869
Protium icicariba	-22.9028	-43.2075
Protium icicariba	-15.675	-38.9472
Protium icicariba	-12.473	-41.7317
Protium icicariba	-22.1878	-41.6614
Protium icicariba	-20.658	-40.511
Protium icicariba	-20.6032	-40.4111
Protium icicariba	-21.0989	-41.0467
Protium icicariba	-20.1286	-40.3078
Protium icicariba	-20.3297	-40.2925
Protium icicariba	-22.1891	-42.6529
Protium icicariba	-22.1043	-41.4408
Protium icicariba	-21.1103	-44.1781
Protium icicariba	-19.88	-43.6697
Protium icicariba	-19.7697	-43.8514

Protium icicariba	-16.4333	-39.05
Protium icicariba talmonii	-15.8631	-38.8828
Protium icicariba	-22.5269	-41.945
Protium icicariba	-18.0214	-39.5094
Protium icicariba	-12.1356	-38.4192
Protium icicariba	-15.4192	-39.4958
Protium icicariba	-13.7322	-39.1492
Protium icicariba icicariba	-19.6424	-40.6642
Protium icicariba icicariba	-16.0444	-49.6233
Protium icicariba talmonii	-22.9031	-43.2075
Protium icicariba	-14.1642	-39.3736
Protium icicariba var. talmonii	-12.9711	-38.5108
Cedrela angustifolia	7.125258	-66.1506
Cedrela angustifolia	7.927277	-72.0237
Cedrela angustifolia	-12.9496	-55.9192
Cedrela angustifolia	8.666667	-61.7333
Cedrela angustifolia	8.528325	-71.2504
Cedrela angustifolia	-22.72	-47.64
Cedrela angustifolia	-20.3259	-54.8455
Cedrela angustifolia	-15.223	-68.1255
Cedrela angustifolia	-4.09005	-79.6559
Cedrela angustifolia	-17.2354	-65.502
Cedrela angustifolia	-26.9438	-65.3657
Cedrela angustifolia	-35.1896	-65.1447
Cedrela angustifolia	-11.7665	-76.6045
Cedrela angustifolia	-14.0277	-72.9754
Cedrela angustifolia	-12.9824	-72.0364
Cedrela angustifolia	-13.1911	-72.1536
Cedrela angustifolia	6.910408	-75.5917
Cedrela angustifolia	-6.43013	-78.7456
Cedrela angustifolia	2.81972	-60.6733
Cedrela angustifolia	-10.7426	-53.0803
Cedrela angustifolia	3.901894	-73.0859

Cedrela angustifolia	3.930323	-53.231
Cedrela angustifolia	-30.0331	-51.23
Cedrela angustifolia	-3.73222	-40.9917
Cedrela angustifolia	-7.83806	-38.1017
Cedrela angustifolia	-23.54	-46.63
Cedrela angustifolia	-23.3175	-65.7622