

## Article

# Different Approaches of Forest Type Classifications for Argentina Based on Functional Forests and Canopy Cover Composition by Tree Species

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**Abstract:** Modern forestry systems rely on typologies of forest types (FTs). In Argentina, several proposals have been developed, but they lack unified criteria. The objective was to compare different approaches, specifically focusing on (i) phenoclusters (functional forests based on vegetation phenology variations and climate variables) and (ii) forest canopy cover composition by tree species. We conducted comparative uni-variate analyses using data from national forest inventories, forest models (biodiversity, carbon, structure), and regional climate. We assessed the performance of phenoclusters in differentiating the variability of native forests (proxy: forest structure), biodiversity (proxy: indicator species), and environmental factors (proxies: soil carbon stock, elevation, climate). Additionally, we proposed a simple FT classification methodology based on species composition, considering the basal area of tree species. Finally, we compared the performance of both proposals. Our findings showed that classifications based on forest canopy cover composition are feasible to implement in regions dominated by mono-specific forests. However, phenoclusters allowed for the increased complexity of categories at the landscape level. Conversely, in regions where multi-specific stands prevailed, classifications based on forest canopy cover composition proved ineffective; however, phenoclusters facilitated a reduction in complexity at the landscape level. These results offer a pathway to harmonize national FT classifications by employing criteria and indicators to achieve sustainable forest management and conservation initiatives.

**Keywords:** native forests; forest resources; phenoclusters; forest structure and function; sustainable forest management



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## 1. Introduction

Forest management and conservation planning are crucial for maximizing implementation efficiency across territories and contributing to both national and international agreements [1–3]. Argentina, in particular, has emerged as a global priority for urgent conservation action due to its rich biodiversity, essential ecosystem services, and decreasing rates of habitat loss [4,5]. While various assessments of global management and conservation priorities exist, such as sustainable forest management practices (e.g., silvopastoral

systems) or expanding protected area networks to enhance biodiversity conservation [6,7], developing optimal management and conservation strategies necessitates a deeper understanding of natural ecosystems [8–10]. To design effective forest management and conservation strategies, specific tools based on ecological and functional characteristics are essential. Mapping forest tree species and forest types (FTs) plays a crucial role in habitat and biodiversity assessment, as well as in proposing specific management strategies for natural forest resources [9,11–15]. However, mapping FT for large areas (e.g., the country level) using ground-based data is often logistically challenging [12,16], being more frequent in temperate cold forests with simple and predictable stand structures than complex rainforests in the tropics [17,18].

Argentina promulgated National Law 26,331/07, known as “Minimum Budgets for Environmental Protection of the Native Forests”, which includes forest management proposals aimed at social awareness, changes in forest covers, administrative restrictions on forest removal, and long-term forest policies considering resilient socio-economic proposals [1]. Many tools were developed to improve the management and conservation of native forests, e.g., land cover [19,20], forest structure variables [21], potential biodiversity indices [22], soil carbon stocks [23], hotspots of biodiversity conservation concern [24], or human footprint modeling [7]. The National Government of Argentina has proposed seven administrative regions for the nearly 40 million hectares of native forests [25,26], facilitating regional policies and the implementation of goals outlined in National Law 26,331/07 across the territory [6,27]. However, various institutions have implemented their own criteria for forest management, leading to differences in implementation approaches, e.g., National Parks Administration [27–29]. Furthermore, Argentina has signed international agreements such as the Kyoto Protocol and the Paris Agreement, implementing the “National Plan for Adaptation and Mitigation to Climate Change”, with key targets focused on native forests using initiatives like REDD+ (Reducing Emissions from Deforestation and Forest Degradation). They propose actions that include reducing deforestation and degradation and promoting sustainable management. In this framework, national and provincial governments need accurate information to develop specific policies.

Current global forest maps (e.g., [30,31]) provide valuable information without considering differences in FT. Nonetheless, they still contribute to various conservation efforts [32–34]. In Argentina, mapping natural ecosystems (e.g., forest and non-forest areas) has been ongoing for the past 50 years, initially based on floristic and physiographic characteristics (e.g., [35–38]). Recent advancements in remote sensing and landscape modeling have enhanced these initial efforts. For instance, Morello et al. [29] categorized Argentina into 115 distinct units, integrating social and biophysical perspectives. Oyarzabal et al. [39] further refined this by proposing phyto-geographic units in digital format. Derguy et al. [40] introduced a novel approach based on Holdridge life zones, incorporating climate and soil characteristics. More recently, Silveira et al. [14] introduced a ground-breaking perspective by incorporating vegetation phenology variations (e.g., event timing and greenness) within FT and species or climate variation (hereafter named phenoclusters) to classify native forests using remote sensing. Phenoclusters require a combination of land surface phenology (both vegetation phenological events and greenness measures) and climate variables to characterize functional rather than structural or compositional characteristics of ecosystems while considering the geographical distributions of species [14]. The advantage of using phenoclusters to characterize native forests is that they capture phenology and climate gradients among and within FTs and/or tree species in places with no field data. The cyclic and seasonal greenness information provided by phenoclusters is useful for management efforts for biodiversity, particularly to inform strategic location planning, and can be useful for places where forest ecological information is limited and conservation needs are high, such as in many developing countries [14]. This product was developed for the native forests of Argentina, dividing them into 54 categories across the different forest regions in high-resolution maps (30 m pixel).

Zoning serves as a vital tool for the Argentinian Government to regulate human activities in native forests, where provinces are required to define land use zones, which are updated every five years. However, the lack of precise tools for classifying forests across landscapes poses a significant challenge. There are considerable differences in the interpretation of the “forest” concept across various administrative processes in Argentina (see [41]). Consequently, ensuring the effectiveness of sustainable forest policies remains a primary challenge for governments, necessitating the exploration of new alternatives to bridge this knowledge gap. Presently, existing classifications operate at large scales, often resulting in the inadequate representation of many ecosystems within national forest regions [6]. Modern rational forestry systems rely on forest typologies [42] for their implementation. One traditional approach involves classifying forest ecosystems into FTs characterized by distinctive attributes and composed of specific sets of tree species within a particular area [43], where each country may adapt this system to suit its unique circumstances and needs [44]. For this, many alternatives can be implemented by including taxonomy, assemblage of species, phenology, growth and development phases, soil, topography, etc. (e.g., [45–48]). While many classifications are theoretically grounded, few explore practical implementation issues allowing for the feasibility of implementation in the field. Huertas Herrera et al. [49], for example, proposed an alternative FT classification in Southern Chile based on the contribution of the basal area (BA) of each species in the stand. This approach utilizes forest inventory data and can be readily replicated by technicians or researchers.

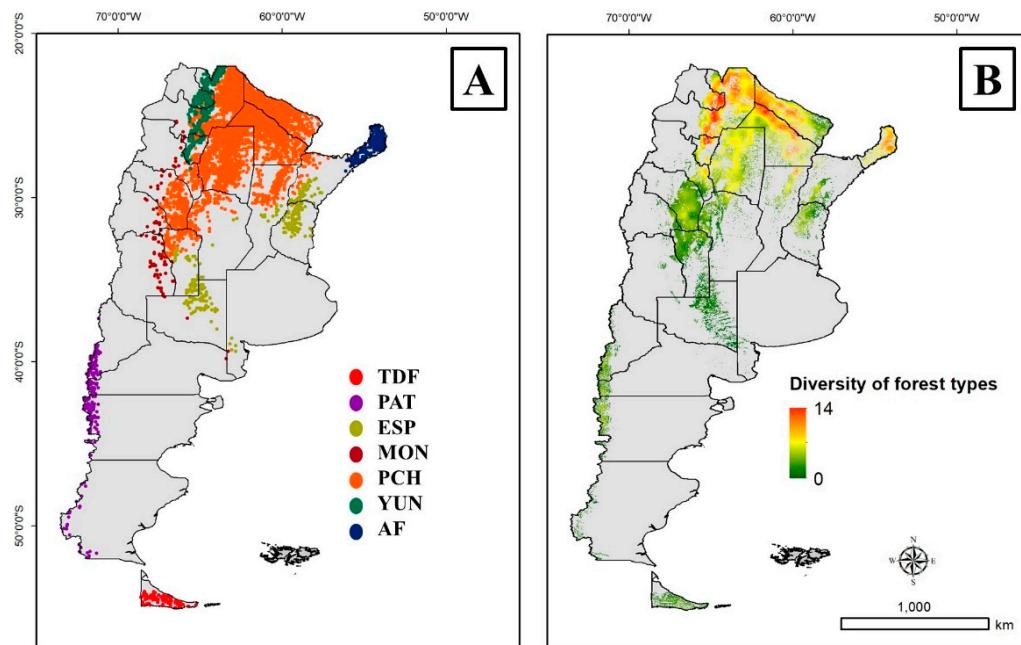
Currently, various FT classifications are in use for zoning and planning native forests at national or regional scales in Argentina. However, these classifications lack unified criteria across different levels and are often based on limited field data (e.g., legends used by MAyDS during the implementation of different initiatives) [25,26]. Many of these classifications highlight the underrepresentation of certain FT classes in the landscape or include dominant species with little effective representation within the native forests. In this context, there is a need to develop a unified methodological proposal for determining, classifying, and characterizing the different FTs of native forests in Argentina. This proposal should be based on easily measurable metrics obtained during forest inventories at different scales. The objective was to compare two different approaches to FT classification in Argentina based on (i) functional forests (phenoclusters) and (ii) forest canopy cover composition by tree species. The aim was to create country-level FT classifications that emphasize the role of native forests in different regions, ranging from temperate forests to rainforests. These classifications should be valuable for decision-making, management and conservation policies, and scientific research and should be flexible enough to accommodate updates, considering the potential impact of climate change and human modifications on the original characteristics or distributions of tree species. The specific objectives were to (i) determine the performance of phenoclusters to differentiate the variability of native forest characteristics (proxy: forest structure), potential biodiversity (proxy: potential habitat of indicator species), and environment where they grow (proxies: soil carbon stock, elevation, regional climate); (ii) determine the performance of phenoclusters to capture different ecological relationships among the studied variables; (iii) propose a simple classification methodology based on forest canopy cover composition by tree species; and, finally, (iv) compare both approaches of FT classifications and discuss the feasibility of implementation across Argentina. By addressing these objectives, we aimed to develop a robust and comprehensive FT classification system that enhances our understanding of native forests in Argentina and supports informed decision-making and conservation efforts.

## 2. Materials and Methods

### 2.1. Study Area

The study area was the native forests of Argentina, distributed between 20° and 60° SL and between 50° and 80° WL across 24 administrative provinces. The National Government of Argentina has divided the native forests into distinct administrative regions [6], including (Figure 1A) (i) Andean–Patagonian forests composed of insular forests of Tierra del Fuego

(TDF) and continental forests along the Andes Mountains (PAT); (ii) Delta and the islands of Paraná river (DEL), which occupy a narrow strip of forests from north to south in NE Argentina; (iii) Espinal forests (ESP); (iv) Monte forests (MON); (v) Parque Chaqueño forests (PCH); (vi) Yunga rainforests (YUN); and (vii) Atlantic forests (AF) [25,26]. We used a mask of native forest cover for further analyses, as proposed by Silveira et al. [14], which included areas with trees taller than 5 m in height and with 10% canopy cover using the Global Forest Change dataset [30].



**Figure 1.** (A) Plot distribution of the Second National Forest Inventory by forest region (TDF = Tierra del Fuego forests, PAT = continental forests along the Andes Mountains, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests) and (B) diversity of forest types (n every 250 km<sup>2</sup>, FT-1) (see Supplementary Material Tables S1–S3).

## 2.2. Forest Type Classification Based on Phenoclusters

The first FT classification proposal used the functional forest categories (phenoclusters) proposed by Silveira et al. [14] based on land surface phenology, climate patterns, the normalized difference vegetation index (NDVI), and other related indexes, and is available in a GRID of 30 m spatial resolution. This layer included 54 categories, divided by forest regions as described before. To test the performance of the phenoclusters as potential FT classifications, we used different available products for the forest regions across Argentina, including the following. (i) The potential biodiversity index (RICH) developed by Martinuzzi et al. [22] for the different forest regions, except the Monte forests, where few available native forest data exist. A layer presented one index (0–100) based on the potential habitat of indicator species by forest region (n = 80 high-profile species of trees, birds, and mammals associated with native forests and representative of each specific forest region) and is available in a GRID of 1 km spatial resolution. (ii) Soil organic carbon stock (SOC, ton·ha<sup>-1</sup> in the first 30 cm soil layer) developed by Peri et al. [23] for the different forest regions, which is available in a GRID of 200 m spatial resolution. (iii) Forest structure variables modeled by Silveira et al. [21], including BA (m<sup>2</sup>·ha<sup>-1</sup>), crown cover (CC, %), dominant tree height (DH, m), and total over bark volume (TOBV, m<sup>3</sup>·ha<sup>-1</sup>) for the different forest regions, which are available in GRIDs of 30 m spatial resolution. (iv) Elevation (ELE, m.a.s.l.) was derived from the SRTM (shuttle radar topography mission) [50], which is available in GRIDs of 30 m spatial resolution. (iv) Climate variables, where we extracted

the annual mean temperature (AMT, °C), iso-thermality (ISO), and annual precipitation (AP, mm·yr<sup>-1</sup>) from WorldClim 2 [51], available in GRIDs of 1 km spatial resolution.

For data extraction of these layers, we employed the hexagonal binning technique, a spatial methodology that offers the advantage of integrating different pixels (e.g., averaging values for each pixel) within polygonal regions to effectively capture spatial patterns [52]. We implemented a hexagonal binning process that involved one spatial matrix dividing the territory of Argentina into hexagonal areas of 5000 ha each [13,53]. We excluded hexagons that presented less than 10% of native forest cover (e.g., <500 ha at each hexagon). Then, we obtained the mean data values for the different studied variables, and the most frequent phenocluster category at each hexagon was selected for further analyses.

### 2.3. Forest Type Classification Based on Forest Canopy Cover Composition by Tree Species

For the second FT classification proposal, we used forest canopy cover composition by tree species as the main variable to construct a classification. We obtained the forest structure information and tree species assemblages from 3788 field plots (Figure 1A), corresponding to the Second National Forest Inventory (NFI2, 2015–2020) collected by the National Government of Argentina [54]. Detailed information on NFI2 is at SGaYDS [26]. This inventory was carried out on a systematic grid of 10 km × 10 km, measuring all trees classified at the species level. From this, we calculated the total basal area (BA, m<sup>2</sup>·ha<sup>-1</sup>), tree density (DEN, n·ha<sup>-1</sup>), dominant tree height (DH, m), mean tree height (MH, m), and tree regeneration (REG, n·ha<sup>-1</sup>). Elevation (ELE) and regional climate variables (AMT, AP) were also extracted to characterize these plots (see [13]).

For this second FT classification proposal, each categorization was defined as the contribution of different tree species to the total BA in each plot, regardless of the tree dominance. Firstly, we determined the tree canopy composition, defining a minimum threshold (70% of BA) to analyze each plot, following Huertas Herrera et al. [49]: (i) the stands were considered as mono-specific (MONO) when at least 70% of BA was achieved by a single tree species, (ii) bi-specific (BI) when two tree species were necessary to achieve at least 70% of BA, and (iii) multi-specific (MULTI) when more than two tree species were necessary to reach at least 70% of BA.

The FT classification proposal based on forest canopy cover composition by tree species included three levels. (i) The most general level (Level 1, FT-1) classified the forest typologies using only the name of the most dominant and representative tree genus or the name of the most frequent botanical family involved in plots (e.g., *Prosopis* + others, *Myrtaceae* + others). (ii) The intermediate level increased the number of categories (Level 2, FT-2) and considered the scientific name of the most abundant tree species in the BA contribution or, in some cases, we used the most frequent botanical family (e.g., *Prosopis alba* + others, *Euphorbiaceae* + others). (iii) Finally, the more detailed classification (Level 3, FT-3) considered the scientific names of the most important tree species (e.g., *Prosopis alba*, *Prosopis nigra* + *Vachellia caven* + *Geoffroea decorticans*). These levels increased in a number of categories and complexity for different purposes, e.g., as a tool for policymakers in the proposal design of forest management and conservation at the regional scale (FT-1), planning at the regional or local scale (FT-2), or more specific uses, as for technical-scientific studies (FT-3).

Native tree species were classified according to their respective taxonomic divisions and botanical families following the Catalogue of Vascular Plants of the Southern Cone [55]. Exotic tree species (e.g., *Ligustrum lucidum*) or species without taxonomic determination within the database were not considered in the calculations. However, none of these particular cases was detected as dominant trees in any of the analyzed plots.

### 2.4. Statistical Analyses

One-way analysis of variance (ANOVA) was conducted to determine the performance of the FT classification based on phenoclusters in order to differentiate the variability of native forest characteristics by forest regions (TDF, PAT ESP, MON, PCH, YUN, AF),

comparing potential biodiversity index (RICH), soil organic carbon stock (SOC), forest structure (BA, CC, DH, TOBV), elevation (ELE), and regional climate (AMT, ISO, AP). FT classification based on phenoclusters was also graphically compared at the country level according to elevation (ELE) and regional climate variables (AMT, ISO, AP) to identify the gradients of the different categories for each forest region. FT classification based on phenoclusters was compared across gradients of SOC and forest structure variables (BA, CC, DH, TOBV), identifying relationships among them and the performance of phenoclusters categories. These relationships were described through linear models and their  $r^2$ -adj.

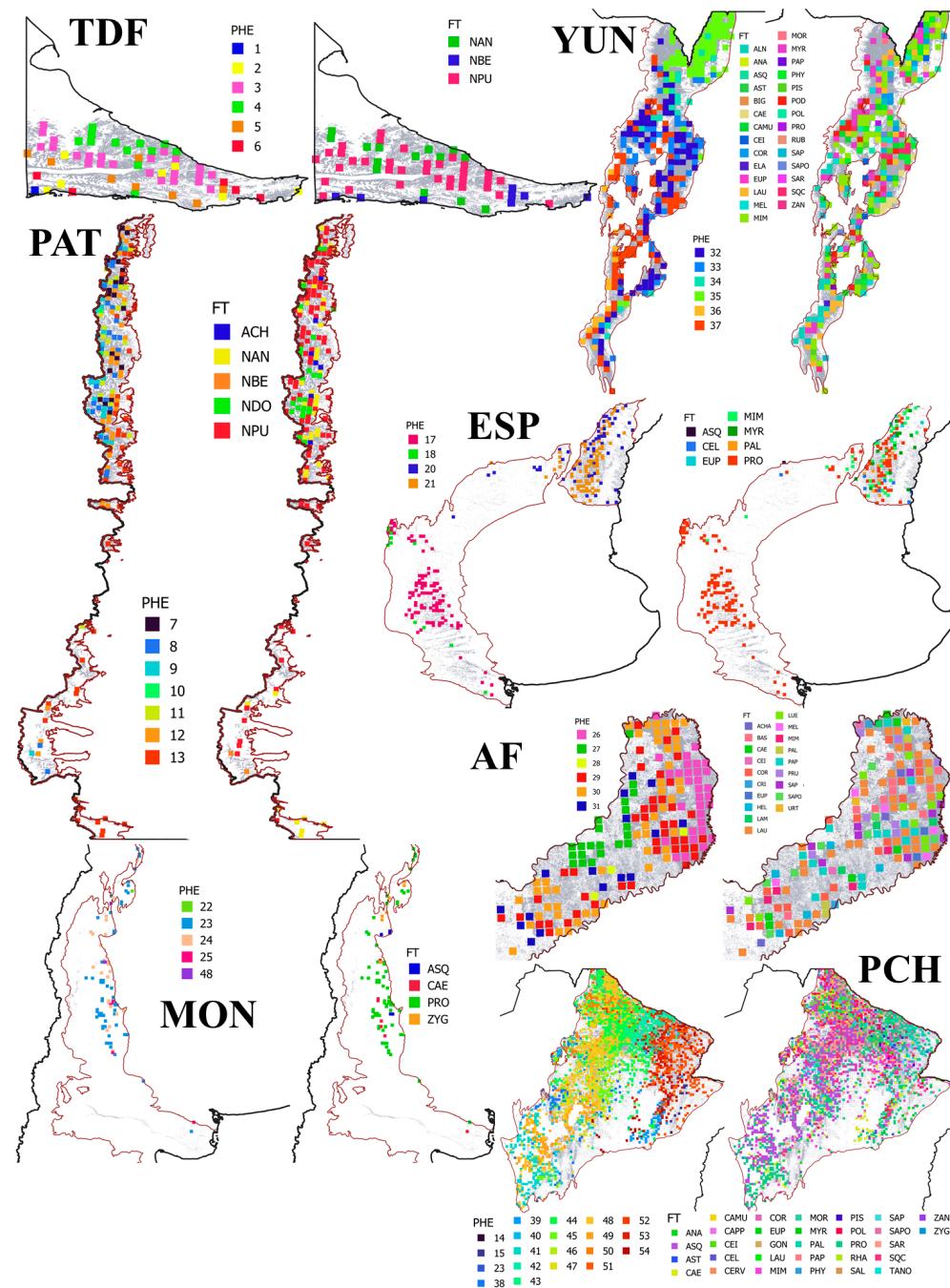
FT classification based on forest canopy cover composition by tree species was categorized using the NFI2 plots ( $n = 3741$ ) in the seven forest regions (TDF, PAT, ESP, MON, PCH, YUN, AF). We quantified how many categories of FT existed for the three defined levels (FT-1, FT-2, FT-3) and their canopy composition (MONO, BI, MULTI) for the entire country and by forest regions, including the categories of FT classification based on phenoclusters. These analyses were mapped into a geographical information system (GIS) for each forest region. The means and standard deviations (SDs) for Level 1 (FT-1) were graphically compared for the different forest regions (AMT vs. AP). Finally, we graphically determined the diversity of FT based on forest canopy cover composition by tree species at the landscape level, using Level 1 (FT-1) of the proposed classification based on forest canopy cover composition by tree species. For this, we applied a  $33 \times 33$  pixel moving window within a  $50 \text{ km} \times 50 \text{ km}$  grid based on NFI2 plots ( $n = 3741$ ) into the GIS. Through this analysis, we could assign a number of different FTs at each window by referring to its central pixel. We chose this moving window size because it accommodated an area large enough to encompass animals' territories while capturing relatively fine-resolution landscape features [14,56]. To obtain the final map, we crossed this analysis with the forest cover mask described before. The resulting map varied between values from 0 to 14, where the diversity of FT was expressed for each pixel in a surrounding area of  $50 \text{ km} \times 50 \text{ km}$ , allowing us to determine the diversity of FT at the landscape level.

### 3. Results

#### 3.1. Forest Type Classification Based on Phenoclusters

The number of phenocluster categories ( $n = 54$ ) obtained during modeling changed across the different forest regions of Argentina, e.g., TDF ( $n = 6$ ), PAT ( $n = 7$ ), DEL ( $n = 3$ ), ESP ( $n = 5$ ), MON ( $n = 4$ ), PCH ( $n = 17$ ), YUN ( $n = 6$ ), and AF ( $n = 6$ ). Some of these phenocluster categories were not analyzed in our study due to their limited occurrence in the landscape, e.g., phenocluster categories of the DEL region, one category at PAT, and one category at AF, which did not include plots of NFI2 (Figure 2). The FT classification of phenoclusters presented significant differences for all the studied variables in the studied forest regions, except in MON for mean annual temperature (AMT) (Table 1), where no differences were found. In Tierra del Fuego forests (TDF), the phenoclusters at the lowlands presented higher RICH than at the mountains, with higher AMT and lower ISO and AP. The climate and relief influence over the SOC and forest structure of phenoclusters showed a north–south gradient. In the continental forests along the Andes Mountains (PAT), greater RICH and SOC were found in phenoclusters of mountains than in those of valleys and ecotone forests with the steppe, presenting higher forest structure values. In this region, the climate changed across two gradients: north–south due to latitude and west–east due to relief. These gradients greatly influenced phenoclusters too as some categories only occurred in northern Patagonia, where the climate is less harsh. In Espinal forests (ESP), the xeric phenoclusters presented lower values of RICH, SOC, and forest structure compared to those phenoclusters growing in humid areas. In Monte forests (MON), the phenoclusters slightly differed, where SOC was associated with lower forest structure values growing at middle elevations and annual rainfall. In Parque Chaqueño forests (PCH), RICH was greater in phenoclusters occurring in northeast areas, while SOC was greater in northwest phenoclusters, decreasing to the south. Iso-thermality and RCH were closely related among phenoclusters. Forest structure greatly varied among the different phenoclusters, but, in

the general trend, the forest structure variables of the phenoclusters were related to SOC and influenced by regional climate (drier in the west than the east). In Yunga rainforests (YUN), phenoclusters located at the center and center-east presented higher RICH and SOC than at higher elevations. Phenoclusters presented higher SOC in closed (CC) and taller (HD) forests. Finally, in the Atlantic forests (AF), the phenoclusters with higher RICH presented also higher SOC and forest structure values, where these phenoclusters occurred in more temperate areas but with higher ISO and AP.



**Figure 2.** Plots of the Second National Forest Inventory classified by forest region (TDF = Tierra del Fuego forests, PAT = continental forests along the Andes Mountains, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests). FTC based on phenoclusters (PHE) and FTC based on forest canopy cover composition by tree species using Level 1 (FT-1) (see Supplementary Material Tables S1–S3).

**Table 1.** Analyses of variance comparing phenocluster categories (PHE) at each forest region (TDF = Tierra del Fuego forests, PAT = continental forests along the Andes Mountains, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests). We analyzed potential biodiversity index (RICH), soil organic carbon stock (SOC, ton·ha<sup>-1</sup> 30 cm), basal area (BA, m<sup>2</sup>·ha<sup>-1</sup>), crown cover (CC, %), dominant tree height (DH, m), total over bark volume (TOBV, m<sup>3</sup>·ha<sup>-1</sup>), elevation (ELE, m.a.s.l.), annual mean temperature (AMT, °C), iso-thermality (ISO), and annual precipitation (AP, mm·yr<sup>-1</sup>).

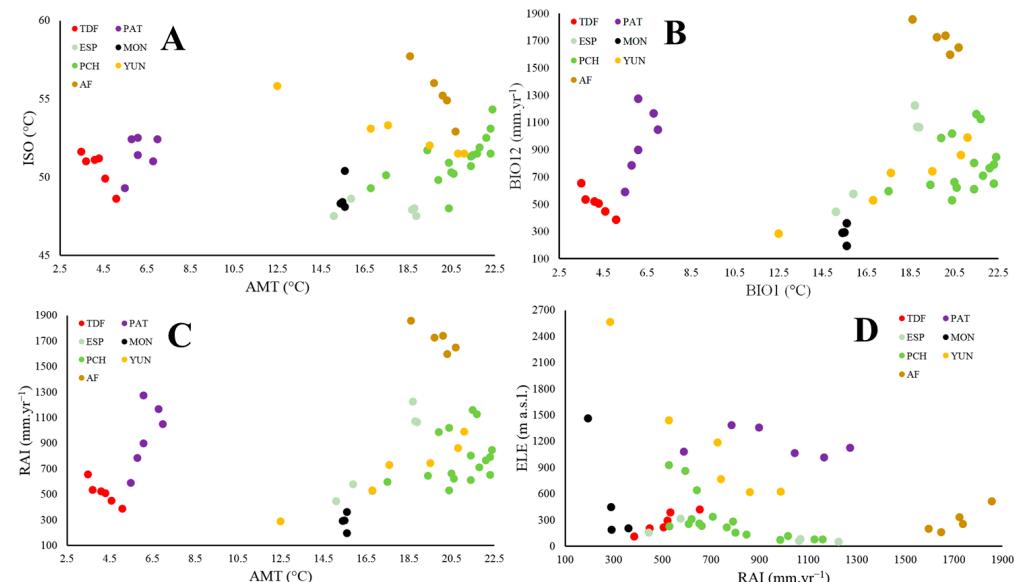
REGION	PHE	RICH	SOC	BA	CC	DH	TOBV	ELE	AMT	ISO	AP
TDF	1	80.2 bc	154.4 b	41.9 ab	66.4 a	18.6 b	299.7 ab	421.2 d	3.5 a	51.6 c	655.6 e
	2	61.4 a	163.3 b	37.8 a	74.1 c	20.9 c	207.5 a	217.0 bc	4.3 bc	51.2 c	506.5 c
	3	88.1 c	163.6 b	56.7 d	69.3 ab	20.7 c	373.9 b	203.9 b	4.6 c	49.9 b	448.1 b
	4	90.1 c	140.5 a	44.9 b	67.7 a	15.7 a	238.1 a	107.2 a	5.1 d	48.6 a	385.6 a
	5	70.1 b	160.3 b	52.9 cd	66.4 a	18.7 b	331.5 b	382.9 d	3.7 a	51.0 c	533.6 d
	6	57.5 a	161.9 b	42.6 ab	73.3 bc	21.6 c	258.7 a	289.7 d	4.1 ab	51.1 c	521.7 cd
	F (p)	77.54 (<0.001)	51.45 (<0.001)	22.66 (<0.001)	9.64 (<0.001)	34.56 (<0.001)	26.02 (<0.001)	36.20 (<0.001)	41.66 (<0.001)	132.00 (<0.001)	345.81 (<0.001)
PAT	7	62.4 b	137.9 c	34.3 a	70.0 c	18.7 bc	250.4 a	1062.5 a	7.0 c	52.4 c	1046.7 d
	8	66.6 b	154.8 e	36.8 a	71.7 c	19.1 c	254.9 a	1013.4 a	6.8 c	51.0 b	1167.5 e
	9	66.3 b	150.1 d	43.6 b	72.4 c	20.6 d	333.2 b	1123.2 a	6.1 b	51.4 b	1273.9 f
	11	48.3 a	127.0 b	34.2 a	65.5 b	17.0 b	243.2 a	1385.1 b	5.8 ab	52.4 c	785.0 b
	12	49.1 a	126.7 b	34.6 a	65.8 b	17.7 b	235.7 a	1355.2 b	6.1 b	52.5 c	899.0 c
	13	49.5 a	119.1 a	36.6 a	62.3 a	15.2 a	240.0 a	1078.9 a	5.5 a	49.3 a	588.9 a
	F (p)	31.41 (<0.001)	183.20 (<0.001)	11.08 (<0.001)	67.19 (<0.001)	64.57 (<0.001)	17.23 (<0.001)	35.62 (<0.001)	24.53 (<0.001)	61.28 (<0.001)	932.19 (<0.001)
ESP	17	19.5 b	39.0 b	10.3 a	46.4 b	7.7 b	45.9 b	315.0 d	15.9 b	48.6 c	576.3 b
	18	3.2 a	33.9 a	10.2 a	37.6 a	6.9 a	35.8 a	155.2 c	15.1 a	47.5 a	445.3 a
	19	39.0 cd	81.6 d	17.2 d	66.4 e	12.4 e	118.1 e	47.7 a	18.7 c	47.9 ab	1226.0 d
	20	36.2 c	73.1 c	13.5 c	60.7 d	9.8 d	91.6 d	80.4 b	18.8 c	48.0 b	1068.8 c
	21	39.2 d	77.3 d	12.4 b	55.9 c	8.4 c	82.5 c	58.5 a	18.9 d	47.5 a	1064.1 c
	F (p)	733.59 (<0.001)	5368.24 (<0.001)	182.12 (<0.001)	1118.24 (<0.001)	468.36 (<0.001)	1323.15 (<0.001)	824.95 (<0.001)	4599.80 (<0.001)	196.28 (<0.001)	6567.81 (<0.001)
	22	--	36.5 a	5.9 a	27.9 a	6.2 ab	28.0 ab	185.1 a	15.5	48.4 a	292.9 b
MON	23	--	39.4 b	6.3 a	28.5 a	6.0 a	25.6 a	448.5 b	15.4	48.3 a	289.9 b
	24	--	36.6 a	7.6 bc	30.4 b	6.3 b	35.8 c	1461.7 c	15.6	50.4 b	194.6 a
	25	--	36.8 a	8.3 c	32.7 b	6.5 b	31.9 bc	202.1 a	15.6	48.1 a	361.4 c
	F (p)	--	7.99 (<0.001)	18.49 (<0.001)	6.70 (<0.001)	8.58 (<0.001)	38.13 (<0.001)	196.66 (<0.001)	0.98 (0.400)	40.17 (<0.001)	207.66 (<0.001)
	38	30.6 f	58.6 f	13.8 i	60.5 c	10.7 f	81.9 jk	858.3 f	17.5 b	50.1 cd	596.2 b
	39	30.1 f	69.0 k	11.6 ef	66.6 e	9.5 bc	66.1 fgh	71.4 a	19.9 d	49.8 c	987.2 j
	40	35.3 g	58.0 f	13.6 hi	64.3 d	11.2 gh	85.5 k	638.7 e	19.4 c	51.7 gh	642.4 de
PCH	41	18.3 b	41.5 b	10.7 d	45.4 a	7.6 a	55.5 d	925.3 g	16.8 a	49.3 b	527.7 a
	42	56.2 j	61.6 h	12.6 g	73.2 i	10.1 d	66.1 gh	131.7 b	22.4 k	54.3 j	847.7 i
	43	29.9 f	60.9 gh	11.4 e	66.9 ef	10.1 d	57.5 de	155.0 b	21.4 fg	51.3 fg	801.7 h
	44	42.4 h	59.8 fg	12.0 f	70.0 h	10.7 ef	64.8 fg	215.1 c	22.1 i	52.5 i	766.2 g
	45	23.9 d	48.7 d	10.0 c	60.7 c	9.5 b	47.1 c	305.9 d	20.6 e	50.2 cd	621.5 cd
	46	34.9 fg	69.6 k	11.7 ef	65.9 de	10.0 cd	59.5 de	280.5 bcd	22.3 jk	51.5 fgh	791.7 gh
	47	20.8 c	53.8 e	9.8 c	59.6 c	9.4 b	45.8 c	232.9 cd	20.5 e	50.3 d	662.9 e
	48	26.5 e	47.0 c	9.2 b	59.7 c	9.5 b	42.4 b	253.4 d	21.4 fg	50.7 e	609.7 bc
	49	5.6 a	36.7 a	7.3 a	48.1 b	7.9 a	26.9 a	223.0 cd	20.4 e	48.0 a	530.4 a
	50	39.1 g	62.5 hi	12.6 g	68.5 fg	10.3 d	68.1 h	334.7 d	21.8 hi	51.9 h	708.3 f
	51	49.1 i	64.3 ij	13.6 i	68.2 g	11.3 h	81.0 j	78.4 a	21.7 gh	51.5 g	1126.7 k
	52	39.3 gh	53.8 e	14.7 j	76.1 j	11.7 h	86.1 jk	256.3 bcd	22.3 hij	53.1 i	652.3 cde
	53	38.1 g	64.6 j	13.3 h	66.7 e	10.9 fg	76.9 i	77.1 a	21.5 fgh	51.4 fg	1160.3 l
	54	29.8 ef	66.4 jk	11.8 ef	63.0 d	10.3 de	61.0 ef	112.9 ab	20.4 e	50.9 ef	1017.8 j
	F (p)	460.20 (<0.001)	784.09 (<0.001)	588.23 (<0.001)	725.22 (<0.001)	369.69 (<0.001)	739.89 (<0.001)	1044.68 (<0.001)	963.78 (<0.001)	331.25 (<0.001)	2617.41 (<0.001)

**Table 1.** Cont.

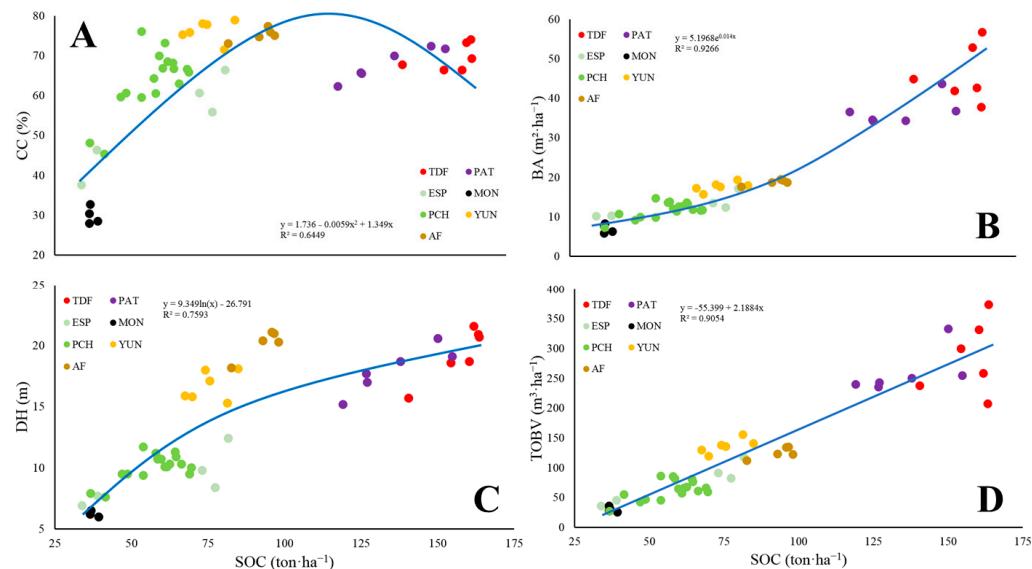
REGION	PHE	RICH	SOC	BA	CC	DH	TOBV	ELE	AMT	ISO	AP
YUN	32	65.9 e	84.9 e	17.9 c	78.9 d	18.1 c	140.8 c	1187.5 c	17.6 c	53.3 b	729.3 c
	33	54.2 c	69.9 ab	15.7 a	75.8 bc	15.8 a	119.3 a	765.2 b	19.5 d	52.0 a	742.5 c
	34	73.5 e	74.2 bc	18.1 c	78.1 d	18.0 c	137.8 c	616.8 a	20.8 e	51.5 a	861.7 d
	35	60.4 d	75.6 c	17.6 bc	77.8 d	17.1 b	136.1 c	620.4 a	21.1 e	51.5 a	987.9 e
	36	6.6 a	81.3 d	19.4 d	71.5 a	15.3 a	156.0 d	2564.8 e	12.5 a	55.8 c	285.9 a
	37	28.1 b	67.6 a	17.3 b	75.3 b	15.9 a	129.6 b	1438.8 d	16.8 b	53.1 b	528.9 b
	F (p)	242.15 (<0.001)	90.63 (<0.001)	73.63 (<0.001)	49.23 (<0.001)	59.12 (<0.001)	58.91 (<0.001)	477.84 (<0.001)	524.01 (<0.001)	45.07 (<0.001)	1919.23 (<0.001)
AF	26	77.9 c	95.9 c	19.5 c	77.4 d	21.1 c	134.1 c	511.9 e	18.6 a	57.7 d	1856.4 e
	27	64.2 b	98.1 d	18.7 b	75.1 bc	20.3 b	122.4 b	199.5 b	20.3 c	54.9 b	1596.2 a
	29	77.1 c	96.6 cd	19.3 c	76.0 c	21.0 c	135.4 c	331.2 d	19.7 b	56.0 c	1724.4 c
	30	68.7 b	93.0 b	18.7 b	74.7 b	20.4 b	122.9 b	254.2 c	20.1 c	55.2 b	1737.9 d
	31	33.4 a	82.7 a	17.6 a	73.1 a	18.2 a	112.2 a	156.9 a	20.7 d	52.9 a	1649.1 b
	F (p)	142.20 (<0.001)	78.96 (<0.001)	87.54 (<0.001)	32.12 (<0.001)	63.44 (<0.001)	117.01 (<0.001)	275.91 (<0.001)	268.19 (<0.001)	206.00 (<0.001)	893.30 (<0.001)

F = Fisher test, p = probability. Different letters show differences by Tukey test at  $p < 0.05$ .

The relationships between elevation and regional climate did not present global tendencies for the different phenocluster categories (Figure 3). However, there were positive and negative trends among phenocluster categories for each forest region. Phenoclusters in TDF, YUN, and AF had decreased ISO when AMT increased, while PCH increased ISO when AMT increased (Figure 3A). Phenoclusters in TDF and AF had decreased AP when AMT increased, while PAT, ESP, and YUN had increased AP when AMT increased (Figure 3B). Phenoclusters in TDF, PCH, YUN, and AF had decreased ELE when AMT increased (Figure 3C). Finally, phenoclusters in MON, PCH, and YUN had decreased ELE when AP increased, while TDF and AF had increased ELE when AP increased (Figure 3D). The relationships among SOC and forest structure variables presented significant global tendencies for the different phenocluster categories (Figure 4), where most of them had increased forest structure values with increased SOC ( $r^2$ -adj. = 0.64 to 0.92).



**Figure 3.** Comparison of the different phenocluster categories at each forest region (TDF = Tierra del Fuego forests, PAT = continental forests along the Andes Mountains, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests). (A) annual mean temperature (AMT, °C) and iso-thermality (ISO), (B) AMT and annual precipitation (RAI, mm·yr⁻¹), (C) AMT and elevation (ELE, m.a.s.l.), and (D) RAI and ELE.



**Figure 4.** Comparison of the different phenocluster categories at each forest region (TDF = Tierra del Fuego forests, PAT = continental forests along the Andes Mountains, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests). (A) Soil organic carbon stock (SOC, ton·ha<sup>-1</sup> 30 cm) and crown cover (CC, %), (B) SOC and basal area (BA, m<sup>2</sup>·ha<sup>-1</sup>), (C) SOC and dominant tree height (DH, m), and (D) SOC and total over bark volume (TOBV, m<sup>3</sup>·ha<sup>-1</sup>).

### 3.2. Forest Type Classification Based on Forest Canopy Cover Composition by Tree Species

NFI2 plots were unequally distributed across the different forest regions, where PCH was concentrated in 72.3% of the forest inventory plots, YUN had 7.8%, Espinal forests had 6.7%, Andean–Patagonian forests had 6.1% (4.6% in the continental lands and 1.5% in Tierra del Fuego), AF had 4.3%, MON had 2.4%, and DEL had 0.4% (Figure 1A). During sampling, 441 tree and palm species were identified corresponding to 74 botanical families (Supplementary Material Figure S1 and Table S1).

FT classification based on forest canopy cover composition by tree species identified 50 categories for Level 1 (FT-1), 115 categories for Level 2 (FT-2), and 1990 categories for Level 3 (FT-3) (Table 2, Supplementary Material Tables S2 and S3). At the country level, most of the identified FTs of Level 3 were multi-specific (41.9%), followed by bi-specific (32.2%) and mono-specific (25.9%). The analyses across the different regions presented different trends from south to north. TDF presented only three FTs in all levels, predominantly mono-specific, compared to the six phenocluster categories. Most of the phenoclusters were associated with 2–3 FTs, showing that functional forests were not only related to forest canopy cover composition. PAT had five FTs in the first two levels (FT-1 and FT-2) and increased in Level 3 to 25 categories (FT-3) compared to the six phenoclusters identified for the region. The FTs were predominantly monospecific (86.0%) or bi-specific (13.4%), with few examples of multi-specific (0.6%). Most of the phenoclusters were associated with more than one FT, showing that functional forests are not only related to their forest canopy cover composition. However, some phenocluster categories were related to mono-specific FTs in areas with extreme environments (e.g., category 13 associated with pure *Nothofagus* forests in the southernmost regions of Argentina), while other categories were mainly bi-specific or multi-specific (e.g., category 7 associated with the Valdivian temperate forests, which were characterized by a mixture of several tree species) (Figure 2).

**Table 2.** Plots of the Second National Forest Inventory classified by forest region (TDF = Tierra del Fuego forests, PAT = continental forests along the Andes Mountains, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests) and phenocluster categories (PHE) identifying the number of forest types using different classification levels (FT-1, FT-2, FT-3) and tree canopy composition (MONO = mono-specific, BI = bi-specific, MULTI = multi-specific) (see Supplementary Material Tables S2 and S3).

REGION	PHE	Plots	FT-1	FT-2	FT-3	MONO	BI	MULTI
Country		3741	50	115	1990	25.9%	32.2%	41.9%
	Total	56	3	3	3	100.0%	0.0%	0.0%
TDF	1	1	1	1	1	100.0%	0.0%	0.0%
	2	7	2	2	2	100.0%	0.0%	0.0%
	3	23	2	2	2	100.0%	0.0%	0.0%
	4	12	3	3	3	100.0%	0.0%	0.0%
	5	8	3	3	3	100.0%	0.0%	0.0%
	6	5	2	2	2	100.0%	0.0%	0.0%
	Total	172	5	5	25	86.0%	13.4%	0.6%
PAT	7	20	4	4	12	45.0%	50.0%	5.0%
	8	28	5	5	11	82.1%	17.9%	0.0%
	9	21	5	5	6	90.5%	9.5%	0.0%
	11	21	2	2	4	95.2%	4.8%	0.0%
	12	38	4	4	8	86.8%	13.2%	0.0%
	13	44	3	3	3	100.0%	0.0%	0.0%
	Total	251	6	11	112	49.0%	36.7%	14.3%
ESP	17	99	2	4	21	82.8%	17.2%	0.0%
	18	11	1	3	6	72.7%	27.3%	0.0%
	20	57	6	8	47	21.0%	47.4%	31.6%
	21	84	6	7	52	25.0%	53.6%	21.4%
	Total	87	4	10	32	72.4%	26.4%	1.2%
MON	22	1	1	1	1	100.0%	0.0%	0.0%
	23	58	4	9	24	69.0%	31.0%	0.0%
	24	23	4	7	12	73.9%	21.7%	4.4%
	25	5	1	2	2	100.0%	0.0%	0.0%
	Total	2725	30	73	1462	18.7%	35.3%	46.0%
PCH	38	85	14	26	66	27.1%	43.5%	29.4%
	39	75	15	23	59	17.3%	32.0%	50.7%
	40	37	11	16	36	18.9%	24.3%	56.8%
	41	159	8	22	73	47.8%	42.1%	10.1%
	42	149	14	21	129	14.1%	23.5%	62.4%
	43	116	13	21	98	11.3%	35.3%	53.4%
	44	373	23	34	281	9.9%	30.0%	60.1%
	45	187	12	23	126	14.4%	48.2%	37.4%
	46	42	10	13	37	7.1%	31.0%	61.9%
	47	259	14	27	171	18.6%	37.8%	43.6%
	48	455	16	27	248	16.0%	42.6%	41.4%
	49	139	8	11	56	33.1%	54.0%	12.9%
	50	109	14	24	101	11.0%	32.1%	56.9%
	51	282	25	46	236	15.6%	20.9%	63.5%
	52	40	12	16	36	25.0%	35.0%	40.0%
	53	146	19	32	129	19.2%	27.4%	53.4%
	54	72	13	21	47	40.3%	25.0%	34.7%

**Table 2.** Cont.

REGION	PHE	Plots	FT-1	FT-2	FT-3	MONO	BI	MULTI
	Total	289	25	41	242	20.4%	29.8%	49.8%
YUN	32	80	15	18	74	15.0%	26.2%	58.8%
	33	49	15	17	45	18.3%	32.7%	49.0%
	34	19	12	14	19	5.3%	26.3%	68.4%
	35	62	15	21	60	8.1%	27.4%	64.5%
	36	14	4	4	5	85.7%	0.0%	14.3%
	37	65	18	22	57	30.8%	41.5%	27.7%
	Total	161	19	28	160	4.4%	13.0%	82.6%
AF	26	31	12	14	31	0.0%	12.9%	87.1%
	27	21	9	10	21	9.5%	9.5%	81.0%
	29	43	13	17	43	0.0%	16.3%	83.7%
	30	49	17	20	49	6.2%	12.2%	81.6%
	31	17	11	11	17	11.8%	11.8%	76.4%

ESP presented six FTs in the first level (FT-1) and increased to 11 in Level 2 (FT-2) and 112 categories in Level 3 (FT-3) compared to the four phenoclusters identified for the region. The FTs were predominantly mono-specific (72.7–82.8%) in the south and bi-specific in the north (47.4–53.6%), where most of the phenoclusters were associated with many FTs (north > south), showing that functional forests are not only related to forest canopy cover composition. MON presented four FTs in the first level (FT-1) and increased to 10 in Level 2 (FT-2) and 32 categories in Level 3 (FT-3) compared to the four phenoclusters identified for the region. The FTs were predominantly mono-specific (69.0–100.0%), where most of the phenoclusters were associated with more than one category. PCH presented 30 FTs in the first level (FT-1) and abruptly increased to 73 in Level 2 (FT-2) and 1462 categories in Level 3 (FT-3). This large number of FTs coincided with the large number of phenoclusters identified for the region ( $n = 17$ ). Most of the FTs were multi-specific (65% of the phenocluster categories) or bi-specific (24% of the phenocluster categories), where all the phenoclusters were associated with many FTs (>8 categories), showing that functional forests are not only related to forest canopy cover composition.

Rainforests followed the same pattern, considering that YUN and AF occupied a small portion of the native forest coverage. YUN presented 25 FTs in the first level (FT-1), increasing to 41 in Level 2 (FT-2) and 242 categories in Level 3 (FT-3) compared to the six phenoclusters identified for the region. The FTs were predominantly multi-specific (49.0–68.4%), where a few exceptions, e.g., phenocluster category 36 was predominantly mono-specific (85.7%), were related to the highland forest of *Alnus acuminata*. AF presented 19 FTs in the first level (FT-1) and increased to 28 in Level 2 (FT-2) and 160 categories in Level 3 (FT-3) compared to the five phenoclusters identified for the region. The FTs were mostly multi-specific (76.5–87.1%), showing that functional forests are not only related to forest canopy cover composition, especially in these rainforests.

The diversity of FTs in Level 1 (FT-1) was higher in the northern areas of Argentina (Figure 1B). The diversity was mainly higher in rainforests (e.g., YUN and AF) but also in northern PCH near the Bermejo and Pilcomayo rivers. This diversity decreased towards southern and xeric forest regions. Spatially, the higher diversity of FTs could be associated with higher AMT and AP, as well as areas close to rivers and wetlands. However, these FTs presented different requirements of AMP and AP (Supplementary Material Figure S1), highlighting that different FT classifications based on forest canopy cover composition by tree species occurred in different regional climates. For example, in the Andean–Patagonian forests (TDF + PAT), the different FTs occurred along an increasing gradient of AMT and AP. The same trend was observed for ESP, where the more xeric area (southern forests) were dominated by the *Prosopis* + others category. MON and PCH did not present a clear trend between AMT and AP, showing a gradual change from one FT to another. YUN presented the same trend of Andean–Patagonian forests and ESP, from mono-specific (low

AMT and AP) to multi-specific (high AMT and AP). Finally, AF presented a different trend, from higher AP to lower AMT, influenced by the relief that dominated the region.

#### 4. Discussion

Forests exhibit diverse structures and functions worldwide [57], influenced by environmental and topographic gradients. At a broad scale, vegetation units sharing common formation characteristics are termed vegetation types [58]. Usually, FTs are often derived from vegetation proxies or land use types, with climate-based vegetation classifications highlighting vegetation distribution and land use classifications emphasizing land cover and human activity [14,59,60]. These proxies were initially based on the assumption that similar climates and topographies support similar plant forms, therefore facilitating the association of resulting types with climate-based variables [61], e.g., the Holdridge life zones that were employed to model Argentina regions [40]. Eco-regions rely on climate data, expert judgment, and species assemblages, and were utilized by the Argentine Government, assuming a close relationship between functional vegetation types and climate variables (e.g., [26]). However, these methods may not always align with current vegetation distribution as it is influenced by interactions between potential vegetation and various factors, including human activities, species interactions, and biogeographical history [57,62]. The second proxy used in FT classifications was land use or land cover types, primarily based on satellite imagery [7,22,33,63], utilizing indices like the normalized difference vegetation index (NDVI) and other derived indexes [64,65]. However, the coarse resolution of data and limited representation of vegetation types resulted in relatively low accuracy in FT distribution [57]. In this context, many proposals clarify and extend the term of FTs by changing the concept of forest in terms of composition and structure, e.g., considering FTs in terms of their origin (genesis) and development processes and dynamics (temporal homogeneity), which prevail over their composition and structure (spatial homogeneity) [42]. This approach is essential for preserving biodiversity, providing ecosystem services, and facilitating effective forest management and planning [8,57,66,67].

Advancements in technology, particularly in remote sensing, advanced forest modeling, and forest inventory databases, have provided new opportunities for developing methods for forest ecosystem classification and monitoring [68,69]. In Argentina, most policies and planning initiatives have been implemented at the regional level, with proposals such as silviculture, management, and conservation strategies executed at the landscape level. However, despite the evident differences in native forest ecosystems, these initiatives have often been implemented with a lack of accuracy due to the absence of available information for developing precise FT classifications. Experience worldwide suggests that FT classifications must be tailored to the specific needs of each country and its users [69]. This underscores the importance of leveraging new technology and data sources to develop accurate and context-specific methods for classifying and monitoring forest ecosystems. By utilizing advanced tools and data, Argentina can enhance its capacity to delineate and characterize FTs, facilitating more targeted and effective forest management, conservation, and planning efforts.

In our study, we compared FT classifications based on phenoclusters and forest canopy cover composition by tree species. We found that a map based on forest phenoclusters can be particularly valuable for regions where forest ecological information is limited and conservation needs are high, as in many developing countries [14]. Advanced technologies such as high-resolution images [70], hyperspectral data [24], LiDAR [71], and radar data [72] provide detailed insights into vegetation structural and compositional complexity (e.g., the modeling of forest structure developed by Silveira et al. [21]), enhancing our understanding of forest ecosystems. Phenoclusters successfully captured many variables typically included in FT classifications, such as forest structure, climate, and topography. Additionally, they incorporated variables not commonly considered in previous studies, such as SOC and biodiversity. We also evaluated the performance of FT classification based on phenoclusters across Argentina, spanning from complex rainforests like the Yungas

and Atlantic forests to temperate monodominant forests in Tierra del Fuego. Our results revealed that these FT classifications effectively identified the diversity of FTs across the landscape, closely aligning with studied proxies like SOC content [23] and species richness [22]. These findings support existing research indicating the close relationship between SOC and biodiversity at the landscape level [73,74], as well as the significant role of SOC in supporting the structure and productivity of native forest ecosystems (e.g., [75,76]). By leveraging advanced technologies and incorporating comprehensive datasets, our study contributes to a more nuanced understanding of forest ecosystems and provides valuable insights for conservation and management efforts in diverse forest landscapes.

Phenoclusters primarily focus on proxies associated with the functionality of different natural forests (e.g., metrics that measure the growing season characteristics), with less emphasis on specific tree species [14,21,23]. On the other hand, the second approach exclusively relies on tree species composition, defining FTs based on forest canopy cover composition (e.g., balance among the BA of tree species) [49]. In the phenoclusters method, factors like the timing of tree growth influence the components of each category (e.g., [77,78]), while the dominant tree species plays a crucial role in the second method [45]. For instance, in Southern Patagonia, stands of *Nothofagus antarctica* with the highest site quality may be categorized similarly to stands of lower site quality of *N. pumilio* according to its functionality [6], and it can be included in the same phenocluster category. However, stands at the tree-line (e.g., less than 1 m height growing >600 m.a.s.l.), characterized by distinct functionality due to environmental factors [79,80], must be classified differently. In the second proposal, forests with similar species compositions will be included in the same category, e.g., mono-dominant *N. antarctica* or *N. pumilio* forests growing from Tierra del Fuego ( $56^{\circ}$  SL) to Neuquén provinces ( $33^{\circ}$  SL) [81,82].

Our analyses revealed distinct trends across forest regions based on latitude and climate gradients. Different classification levels (FT-1 to FT-3) resulted in varying numbers of categories, ranging from 50 to 1990, reflecting the diversity of phenoclusters across the different forest regions. Forests in extreme environments, such as temperate cold regions at Tierra del Fuego, exhibited simpler forest structures (e.g., FTs were mostly mono-specific), with fewer FTs within each phenocluster category (between 1 and 3). In contrast, rainforests like the Atlantic forests displayed a more complex forest structure (e.g., multi-specific forests represented nearly 80% of FTs), with a higher number of FTs within each phenocluster category (between 9 and 49). The different forest regions in Argentina were identified as highly variable in their ecological and structural characteristics across the landscape, supporting different biodiversity values [22,27,39]. This underscores the importance of considering both functional and compositional aspects when classifying forest types to accurately represent the ecological diversity and conservation needs of different regions.

Mapping FTs in relatively small areas can be effectively accomplished using unmanned aerial vehicles (UAVs) [83]. However, when it comes to mapping FTs across large regions, significant challenges arise due to the need to model each species or group of species under different ecological conditions [84]. While mapping a single species is feasible using habitat modeling techniques like MaxEnt, attempting to model multi-specific forests requires detailed field information that is often lacking for most natural forested areas [85–87]. Studies have shown large uncertainties in FT mapping efforts, indicating the need for further improvements [88].

Despite limited studies addressing FT and composition at the regional or national levels, the continuous modernization of remote sensing tools offers a unique opportunity to overcome these challenges [89]. In extreme forest conditions where most FTs are mono-specific, mapping based on forest canopy cover composition by tree species is feasible. However, detailed information is crucial for effective planning and management as different management strategies may be required across the landscape for the same FT. For example, Paredes et al. [90] reported that different management strategies must be implemented across the landscape for the same FT. In this situation, phenoclusters offer a valuable approach for defining different functional forests within the same mono-dominant

FT, providing feasible scenarios for differential management and planning. In contrast, in northern forest areas of Argentina, where FTs change significantly over relatively short distances, mapping based on functionality using phenoclusters reduces the complexity of natural ecosystems and facilitates feasible scenarios for management and planning (e.g., [91]). In these regions, phenoclusters have proven to be instrumental in mapping FTs based on functionality, simplifying the complexity of natural ecosystems and facilitating the generation of feasible scenarios for differential management and planning across the landscape. Through our research, we have demonstrated the relationships among phenoclusters and multiple variables essential for decision-making by stakeholders involved in these tasks [6,23,53]. It is crucial to consider the FT definition outlined by the Montreal Process, which emphasizes not only composition (tree species) and site factors (locality) but also the necessity for each region or country to categorize FT in a suitable system [42,48]. For instance, in Italy, various FT classifications exist (e.g., [46,92]), ranging from a few classes to hundreds depending on the scope and coverage of each classification [48]. This flexibility in FT classification allows for the collection and organization of information on forests within a given territory, tailored to understanding differences relevant to specific uses and management strategies. Accurate FT classification is imperative for national-level monitoring and forest inventory efforts [25,26] as the formulation of indicators relies on scientifically supported data for each forest type [48]. Additionally, it is essential to address shortcomings in FT classification related to anthropogenic impacts [42], such as selective cuts targeting valuable dominant tree species (e.g., [93,94]). Strategies like incorporating different dynamic stages of natural stands can help mitigate these impacts and improve the accuracy and utility of FT classification for sustainable forest management (e.g., [68]). By adhering to robust FT classification methods and considering the multifaceted aspects of forest ecosystems, we can better understand, manage, and conserve our forests for future generations.

## 5. Conclusions

Modern rational forestry systems rely heavily on forest typologies, which serve as fundamental frameworks for guiding management and conservation efforts. The database compiled during the Second National Inventory of Native Forests (NFI2) presents a valuable and up-to-date resource to support the objectives outlined in this study. The FTs developed in our study effectively differentiate forests across different regions, offering a tool to define new silvicultural treatments, management strategies, and conservation approaches over time. This ensures the sustainable production of goods and services demanded by society while maintaining the integrity of forest ecosystems. Our study compared two approaches, each suited to the intrinsic characteristics of different forest regions. In regions dominated by mono-specific forests, classifications based on forest canopy cover composition by tree species are feasible. However, in areas with complex forest structures characterized by multiple tree species interactions (multi-specific stands), such classifications become impractical. For instance, in rainforests, the sheer diversity of forest types makes implementation in the field challenging. In such cases, functional forest classifications (phenoclusters) offer a more effective solution by reducing complexity at the landscape level, grouping FTs into similar functional categories (e.g., combining FTs into similar functional groups). These findings hold significant implications for both scientific research and practical forest management. By harmonizing national FT classifications using relevant criteria and indicators, we can advance sustainable forest management and conservation initiatives. By incorporating scientific insights and practical considerations, our approach aims to optimize the utilization of forest resources while safeguarding their long-term ecological integrity.

**Supplementary Materials:** The following supporting information can be downloaded at <https://www.mdpi.com/article/10.3390/resources13050062/s1>: Figure S1: Characterization of forest types (Level 1, FT-1) at each forest region (TDF+PAT = Tierra del Fuego and continental forests along the Andes Mountains, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests,

YUN = Yunga rainforests, AF = Atlantic forests) according to annual mean temperature (AMT, °C) and annual precipitation (AP, mm·yr<sup>-1</sup>). Red dots indicate means and bars show the standard deviation for both axes. Acronyms are presented in Table S3; Table S1: Taxonomy of the tree forest species identified in the plots of the Second National Forest Inventory; Table S2: Plots of the Second National Forest Inventory classified by forest type (Level 1, FT-1) and forest region (TDF + PAT = Tierra del Fuego and continental forests along the Andes Mountains, DEL = Delta and islands of Paraná river, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests). Acronyms of each forest type are presented; Table S3: Plots of the Second National Forest Inventory classified by forest type (Levels 2 and 3, FT-2 and FT-3) and forest region (TDF+PAT = Tierra del Fuego and continental forests along the Andes Mountains, DEL = Delta and islands of Paraná river, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests).

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**Data Availability Statement:** The datasets used and/or analyzed during the current study are available from the corresponding author upon reasonable request.

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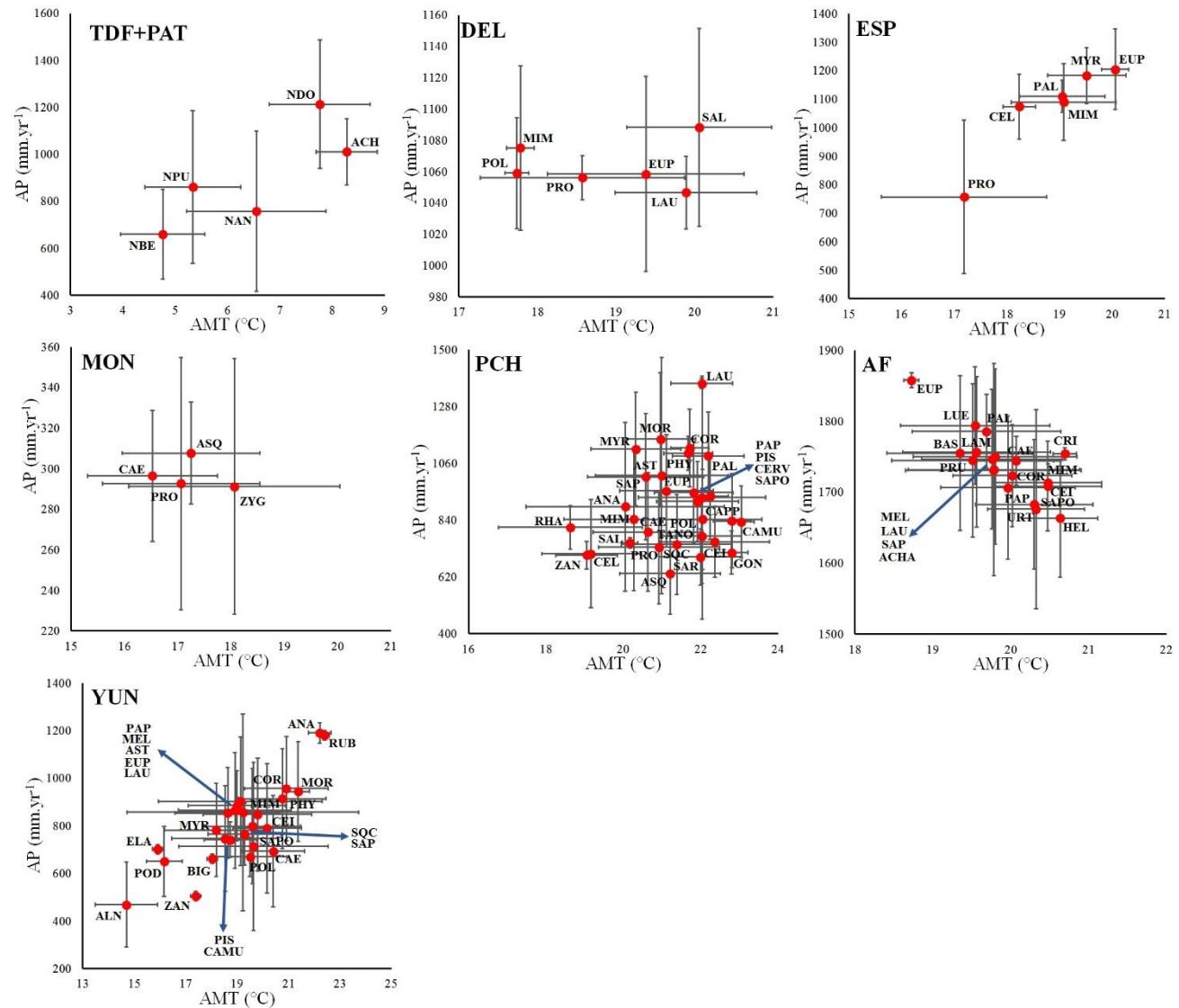
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## Supplementary Material

**Figure S1.** Characterization of the forest types (Level 1, FT-1) at each forest region (TDF+PAT = Tierra del Fuego and Continental forests along the Andes Mountains, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests) according to annual mean temperature (AMT, °C) and annual precipitation (AP, mm.yr<sup>-1</sup>). Red dots indicated means and bars showed the standard deviation for both axes. Acronyms are presented in Annex 4.



**Table S1.** Taxonomy of the tree forest species identified in the plots of the Second National Forest Inventory.

Genus	Species	Family	Division
<i>Acanthosyris</i>	<i>falcata</i>	Cervantesiaceae	Angiosperm
<i>Acanthosyris</i>	<i>spinescens</i>	Cervantesiaceae	Angiosperm
<i>Achatocarpus</i>	<i>praecox</i>	Achatocarpaceae	Angiosperm
<i>Acrocomia</i>	<i>aculeata</i>	Arecaceae	Angiosperm
<i>Actinostemon</i>	<i>concolor</i>	Euphorbiaceae	Angiosperm
<i>Agonandra</i>	<i>excelsa</i>	Opiliaceae	Angiosperm
<i>Aiouea</i>	<i>amoena</i>	Lauraceae	Angiosperm
<i>Albizia</i>	<i>inundata</i>	Fabaceae	Angiosperm
<i>Albizia</i>	<i>niopoides</i>	Fabaceae	Angiosperm
<i>Alchornea</i>	<i>glandulosa</i>	Euphorbiaceae	Angiosperm
<i>Alchornea</i>	<i>triplinervia</i>	Euphorbiaceae	Angiosperm
<i>Allenrolfea</i>	<i>vaginata</i>	Chenopodiaceae	Angiosperm
<i>Allophylus</i>	<i>edulis</i>	Sapindaceae	Angiosperm
<i>Alnus</i>	<i>acuminata</i>	Betulaceae	Angiosperm
<i>Aloysia</i>	<i>gratissima</i>	Verbenaceae	Angiosperm
<i>Aloysia</i>	<i>virgata</i>	Verbenaceae	Angiosperm
<i>Anadenanthera</i>	<i>colubrina</i>	Fabaceae	Angiosperm
<i>Anarthrophyllum</i>	<i>capitatum</i>	Fabaceae	Angiosperm
<i>Anisocapparis</i>	<i>speciosa</i>	Capparaceae	Angiosperm
<i>Annona</i>	<i>emarginata</i>	Annonaceae	Angiosperm
<i>Annona</i>	<i>neosalicifolia</i>	Annonaceae	Angiosperm
<i>Annona</i>	<i>rugulosa</i>	Annonaceae	Angiosperm
<i>Apuleia</i>	<i>leiocarpa</i>	Fabaceae	Angiosperm
<i>Aralia</i>	<i>soratensis</i>	Araliaceae	Angiosperm
<i>Aralia</i>	<i>warmingiana</i>	Araliaceae	Angiosperm
<i>Araucaria</i>	<i>angustifolia</i>	Araucariaceae	Gymnosperm
<i>Araucaria</i>	<i>araucana</i>	Araucariaceae	Gymnosperm
<i>Archidasyphyllum</i>	<i>diacanthoides</i>	Asteraceae	Angiosperm
<i>Aristotelia</i>	<i>chilensis</i>	Elaeocarpaceae	Angiosperm
<i>Aspidosperma</i>	<i>australe</i>	Apocynaceae	Angiosperm
<i>Aspidosperma</i>	<i>polyneuron</i>	Apocynaceae	Angiosperm
<i>Aspidosperma</i>	<i>quebracho-blanco</i>	Apocynaceae	Angiosperm
<i>Aspidosperma</i>	<i>triternatum</i>	Apocynaceae	Angiosperm
<i>Atamisquea</i>	<i>emarginata</i>	Capparaceae	Angiosperm
<i>Ateleia</i>	<i>glazioviana</i>	Fabaceae	Angiosperm
<i>Athyana</i>	<i>weinmanniifolia</i>	Sapindaceae	Angiosperm
<i>Atriplex</i>	<i>cordubensis</i>	Chenopodiaceae	Angiosperm
<i>Atriplex</i>	<i>lampa</i>	Chenopodiaceae	Angiosperm
<i>Atriplex</i>	<i>undulata</i>	Chenopodiaceae	Angiosperm
<i>Austrocedrus</i>	<i>chilensis</i>	Cupressaceae	Gymnosperm
<i>Azara</i>	<i>microphylla</i>	Salicaceae	Angiosperm
<i>Azara</i>	<i>salicifolia</i>	Salicaceae	Angiosperm
<i>Baccharis</i>	<i>dracunculifolia</i>	Asteraceae	Angiosperm
<i>Baccharis</i>	<i>salicifolia</i>	Asteraceae	Angiosperm
<i>Baccharis</i>	<i>tucumanensis</i>	Asteraceae	Angiosperm
<i>Balfourodendron</i>	<i>riedelianum</i>	Rutaceae	Angiosperm
<i>Banara</i>	<i>tomentosa</i>	Salicaceae	Angiosperm
<i>Bastardiodipsis</i>	<i>densiflora</i>	Malvaceae	Angiosperm
<i>Bauhinia</i>	<i>forficata</i>	Fabaceae	Angiosperm
<i>Bauhinia</i>	<i>microstachya</i>	Fabaceae	Angiosperm
<i>Berberis</i>	<i>commutata</i>	Berberidaceae	Angiosperm
<i>Berberis</i>	<i>laurina</i>	Berberidaceae	Angiosperm
<i>Berberis</i>	<i>microphylla</i>	Berberidaceae	Angiosperm
<i>Blepharocalyx</i>	<i>salicifolius</i>	Myrtaceae	Angiosperm

<i>Boehmeria</i>	<i>caudata</i>	Urticaceae	Angiosperm
<i>Bougainvillea</i>	<i>campanulata</i>	Nyctaginaceae	Angiosperm
<i>Bougainvillea</i>	<i>praecox</i>	Nyctaginaceae	Angiosperm
<i>Bougainvillea</i>	<i>spinosa</i>	Nyctaginaceae	Angiosperm
<i>Bougainvillea</i>	<i>stipitata</i>	Nyctaginaceae	Angiosperm
<i>Bulnesia</i>	<i>foliosa</i>	Zygophyllaceae	Angiosperm
<i>Bulnesia</i>	<i>retama</i>	Zygophyllaceae	Angiosperm
<i>Bulnesia</i>	<i>schickendantzii</i>	Zygophyllaceae	Angiosperm
<i>Butia</i>	<i>yatay</i>	Arecaceae	Angiosperm
<i>Cabralea</i>	<i>canjerana</i>	Meliaceae	Angiosperm
<i>Cenostigma</i>	<i>pluviosa</i>	Fabaceae	Angiosperm
<i>Calliandra</i>	<i>foliolosa</i>	Fabaceae	Angiosperm
<i>Calycophyllum</i>	<i>multiflorum</i>	Rubiaceae	Angiosperm
<i>Campomanesia</i>	<i>guazumifolia</i>	Myrtaceae	Angiosperm
<i>Campomanesia</i>	<i>xanthocarpa</i>	Myrtaceae	Angiosperm
<i>Capparicordis</i>	<i>tweediana</i>	Capparaceae	Angiosperm
<i>Capsicum</i>	<i>recurvatum</i>	Solanaceae	Angiosperm
<i>Carica</i>	<i>glandulosa</i>	Caricaceae	Angiosperm
<i>Carica</i>	<i>quercifolia</i>	Caricaceae	Angiosperm
<i>Cascaronia</i>	<i>astragalina</i>	Fabaceae	Angiosperm
<i>Casearia</i>	<i>catharinensis</i>	Salicaceae	Angiosperm
<i>Casearia</i>	<i>decandra</i>	Salicaceae	Angiosperm
<i>Casearia</i>	<i>sylvestris</i>	Salicaceae	Angiosperm
<i>Castela</i>	<i>coccinea</i>	Simaroubaceae	Angiosperm
<i>Cecropia</i>	<i>pachystachya</i>	Urticaceae	Angiosperm
<i>Cedrela</i>	<i>angustifolia</i>	Meliaceae	Angiosperm
<i>Cedrela</i>	<i>balansae</i>	Meliaceae	Angiosperm
<i>Cedrela</i>	<i>fissilis</i>	Meliaceae	Angiosperm
<i>Cedrela</i>	<i>saltensis</i>	Meliaceae	Angiosperm
<i>Ceiba</i>	<i>chodatii</i>	Malvaceae	Angiosperm
<i>Ceiba</i>	<i>speciosa</i>	Malvaceae	Angiosperm
<i>Celtis</i>	<i>chichape</i>	Cannabaceae	Angiosperm
<i>Celtis</i>	<i>ehrenbergiana</i>	Cannabaceae	Angiosperm
<i>Celtis</i>	<i>iguanaea</i>	Cannabaceae	Angiosperm
<i>Celtis</i>	<i>pallida</i>	Cannabaceae	Angiosperm
<i>Cephalanthus</i>	<i>glabratus</i>	Rubiaceae	Angiosperm
<i>Cestrum</i>	<i>laevigatum</i>	Solanaceae	Angiosperm
<i>Chloroleucon</i>	<i>chacoense</i>	Fabaceae	Angiosperm
<i>Chloroleucon</i>	<i>foliolosum</i>	Fabaceae	Angiosperm
<i>Chloroleucon</i>	<i>tenuiflorum</i>	Fabaceae	Angiosperm
<i>Chomelia</i>	<i>obtusa</i>	Rubiaceae	Angiosperm
<i>Chrysophyllum</i>	<i>gonocarpum</i>	Sapotaceae	Angiosperm
<i>Chrysophyllum</i>	<i>marginatum</i>	Sapotaceae	Angiosperm
<i>Citharexylum</i>	<i>joergensenii</i>	Verbenaceae	Angiosperm
<i>Citharexylum</i>	<i>montevidense</i>	Verbenaceae	Angiosperm
<i>Citronella</i>	<i>paniculata</i>	Cardiopteridaceae	Angiosperm
<i>Cnicothamnus</i>	<i>lorentzii</i>	Asteraceae	Angiosperm
<i>Cnidoscolus</i>	<i>vitifolius</i>	Euphorbiaceae	Angiosperm
<i>Coccoloba</i>	<i>cordata</i>	Polygonaceae	Angiosperm
<i>Coccoloba</i>	<i>tiliacea</i>	Polygonaceae	Angiosperm
<i>Cochlospermum</i>	<i>tetraporum</i>	Bixaceae	Angiosperm
<i>Condalia</i>	<i>buxifolia</i>	Rhamnaceae	Angiosperm
<i>Condalia</i>	<i>microphylla</i>	Rhamnaceae	Angiosperm
<i>Copernicia</i>	<i>alba</i>	Arecaceae	Angiosperm
<i>Cordia</i>	<i>americana</i>	Boraginaceae	Angiosperm
<i>Cordia</i>	<i>ecalculata</i>	Boraginaceae	Angiosperm
<i>Cordia</i>	<i>saccelia</i>	Boraginaceae	Angiosperm

<i>Cordia</i>	<i>trichotoma</i>	Boraginaceae	Angiosperm
<i>Coutarea</i>	<i>hexandra</i>	Rubiaceae	Angiosperm
<i>Crinodendron</i>	<i>tucumanum</i>	Elaeocarpaceae	Angiosperm
<i>Croton</i>	<i>piluliferus</i>	Euphorbiaceae	Angiosperm
<i>Croton</i>	<i>urucurana</i>	Euphorbiaceae	Angiosperm
<i>Cupania</i>	<i>vernalis</i>	Sapindaceae	Angiosperm
<i>Cybistax</i>	<i>antisiphilitica</i>	Bignoniaceae	Angiosperm
<i>Cynophalla</i>	<i>flexuosa</i>	Capparaceae	Angiosperm
<i>Cynophalla</i>	<i>retusa</i>	Capparaceae	Angiosperm
<i>Dasyphyllum</i>	<i>brasiliense</i>	Asteraceae	Angiosperm
<i>Dendropanax</i>	<i>cuneatus</i>	Araliaceae	Angiosperm
<i>Diatenopteryx</i>	<i>sorbifolia</i>	Sapindaceae	Angiosperm
<i>Didymopanax</i>	<i>morototoni</i>	Araliaceae	Angiosperm
<i>Diostea</i>	<i>juncea</i>	Verbenaceae	Angiosperm
<i>Diplokeleba</i>	<i>floribunda</i>	Sapindaceae	Angiosperm
<i>Discaria</i>	<i>chacaye</i>	Rhamnaceae	Angiosperm
<i>Drimys</i>	<i>winteri</i>	Winteraceae	Angiosperm
<i>Duranta</i>	<i>serratifolia</i>	Verbenaceae	Angiosperm
<i>Embothrium</i>	<i>coccineum</i>	Proteaceae	Angiosperm
<i>Enterolobium</i>	<i>contortisiliquum</i>	Fabaceae	Angiosperm
<i>Erythrina</i>	<i>crista-galli</i>	Fabaceae	Angiosperm
<i>Erythrina</i>	<i>falcata</i>	Fabaceae	Angiosperm
<i>Erythroxylum</i>	<i>argentinum</i>	Erythroxylaceae	Angiosperm
<i>Erythroxylum</i>	<i>cuneifolium</i>	Erythroxylaceae	Angiosperm
<i>Erythroxylum</i>	<i>deciduum</i>	Erythroxylaceae	Angiosperm
<i>Erythroxylum</i>	<i>microphyllum</i>	Erythroxylaceae	Angiosperm
<i>Escallonia</i>	<i>millegrana</i>	Escalloniaceae	Angiosperm
<i>Eugenia</i>	<i>burrkartiana</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>hyemalis</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>involucrata</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>mattosii</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>moraviana</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>myrcianthes</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>pitanga</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>psidiiflora</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>punicifolia</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>pyriformis</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>repanda</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>speciosa</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>uniflora</i>	Myrtaceae	Angiosperm
<i>Eugenia</i>	<i>uruguensis</i>	Myrtaceae	Angiosperm
<i>Euterpe</i>	<i>edulis</i>	Arecaceae	Angiosperm
<i>Fagara</i>	<i>chiloperone</i>	Rutaceae	Angiosperm
<i>Ficus</i>	<i>citrifolia</i>	Moraceae	Angiosperm
<i>Ficus</i>	<i>luschnathiana</i>	Moraceae	Angiosperm
<i>Ficus</i>	<i>maroma</i>	Moraceae	Angiosperm
<i>Flourensia</i>	<i>fiebrigii</i>	Asteraceae	Angiosperm
<i>Geoffroea</i>	<i>decorticans</i>	Fabaceae	Angiosperm
<i>Gleditsia</i>	<i>amorphoides</i>	Fabaceae	Angiosperm
<i>Gochnatia</i>	<i>palosanto</i>	Asteraceae	Angiosperm
<i>Gomidesia</i>	<i>barituensis</i>	Myrtaceae	Angiosperm
<i>Gonopterodendron</i>	<i>bonariensis</i>	Zygophyllaceae	Angiosperm
<i>Gonopterodendron</i>	<i>sarmientoi</i>	Zygophyllaceae	Angiosperm
<i>Guarea</i>	<i>kunthiana</i>	Meliaceae	Angiosperm
<i>Guarea</i>	<i>macrophylla</i>	Meliaceae	Angiosperm
<i>Guazuma</i>	<i>ulmifolia</i>	Malvaceae	Angiosperm
<i>Guettarda</i>	<i>uruguensis</i>	Rubiaceae	Angiosperm

<i>Handroanthus</i>	<i>albus</i>	Bignoniaceae	Angiosperm
<i>Handroanthus</i>	<i>heptaphyllus</i>	Bignoniaceae	Angiosperm
<i>Handroanthus</i>	<i>impetiginosus</i>	Bignoniaceae	Angiosperm
<i>Handroanthus</i>	<i>lapacho</i>	Bignoniaceae	Angiosperm
<i>Handroanthus</i>	<i>ochraceus</i>	Bignoniaceae	Angiosperm
<i>Helietta</i>	<i>apiculata</i>	Rutaceae	Angiosperm
<i>Helicarpus</i>	<i>popayanensis</i>	Malvaceae	Angiosperm
<i>Hennecartia</i>	<i>omphalandra</i>	Monimiaceae	Angiosperm
<i>Holocalyx</i>	<i>balansae</i>	Fabaceae	Angiosperm
<i>Ilex</i>	<i>argentina</i>	Aquifoliaceae	Angiosperm
<i>Ilex</i>	<i>brevicuspis</i>	Aquifoliaceae	Angiosperm
<i>Ilex</i>	<i>paraguariensis</i>	Aquifoliaceae	Angiosperm
<i>Inga</i>	<i>affinis</i>	Fabaceae	Angiosperm
<i>Inga</i>	<i>edulis</i>	Fabaceae	Angiosperm
<i>Inga</i>	<i>marginata</i>	Fabaceae	Angiosperm
<i>Inga</i>	<i>saltensis</i>	Fabaceae	Angiosperm
<i>Inga</i>	<i>uraguensis</i>	Fabaceae	Angiosperm
<i>Jacaranda</i>	<i>micrantha</i>	Bignoniaceae	Angiosperm
<i>Jacaranda</i>	<i>mimosifolia</i>	Bignoniaceae	Angiosperm
<i>Jacaratia</i>	<i>spinosa</i>	Caricaceae	Angiosperm
<i>Jatrophpha</i>	<i>hieronymi</i>	Euphorbiaceae	Angiosperm
<i>Jodina</i>	<i>rhombifolia</i>	Cervantesiaceae	Angiosperm
<i>Juglans</i>	<i>australis</i>	Juglandaceae	Angiosperm
<i>Juglans</i>	<i>regia</i>	Juglandaceae	Angiosperm
<i>Kageneckia</i>	<i>lanceolata</i>	Rosaceae	Angiosperm
<i>Lachesiodendron</i>	<i>viridiflorum</i>	Fabaceae	Angiosperm
<i>Larrea</i>	<i>cuneifolia</i>	Zygophyllaceae	Angiosperm
<i>Larrea</i>	<i>divaricata</i>	Zygophyllaceae	Angiosperm
<i>Laureliopsis</i>	<i>philippiana</i>	Atherospermataceae	Angiosperm
<i>Libidibia</i>	<i>paraguariensis</i>	Fabaceae	Angiosperm
<i>Lithraea</i>	<i>molleoides</i>	Anacardiaceae	Angiosperm
<i>Lomatia</i>	<i>hirsuta</i>	Proteaceae	Angiosperm
<i>Lonchocarpus</i>	<i>lilloi</i>	Fabaceae	Angiosperm
<i>Lonchocarpus</i>	<i>muehlbergianus</i>	Fabaceae	Angiosperm
<i>Lonchocarpus</i>	<i>nitidus</i>	Fabaceae	Angiosperm
<i>Loxopterygium</i>	<i>grisebachii</i>	Anacardiaceae	Angiosperm
<i>Luehea</i>	<i>divaricata</i>	Malvaceae	Angiosperm
<i>Lycium</i>	<i>boerhaviaefolium</i>	Solanaceae	Angiosperm
<i>Lycium</i>	<i>cestroides</i>	Solanaceae	Angiosperm
<i>Lycium</i>	<i>chilense</i>	Solanaceae	Angiosperm
<i>Lycium</i>	<i>cuneatum</i>	Solanaceae	Angiosperm
<i>Lycium</i>	<i>morongii</i>	Solanaceae	Angiosperm
<i>Lycium</i>	<i>tenuispinosum</i>	Solanaceae	Angiosperm
<i>Machaerium</i>	<i>paraguariense</i>	Fabaceae	Angiosperm
<i>Machaerium</i>	<i>stipitatum</i>	Fabaceae	Angiosperm
<i>Maclura</i>	<i>tinctoria</i>	Moraceae	Angiosperm
<i>Malvastrum</i>	<i>uniapiculatum</i>	Malvaceae	Angiosperm
<i>Mandevilla</i>	<i>immaculata</i>	Apocynaceae	Angiosperm
<i>Matayba</i>	<i>elaeagnoides</i>	Sapindaceae	Angiosperm
<i>Maytenus</i>	<i>boaria</i>	Celastraceae	Angiosperm
<i>Maytenus</i>	<i>viscifolia</i>	Celastraceae	Angiosperm
<i>Maytenus</i>	<i>vitis-idaea</i>	Celastraceae	Angiosperm
<i>Miconia</i>	<i>molybdaea</i>	Melastomataceae	Angiosperm
<i>Microlobius</i>	<i>foetidus</i>	Fabaceae	Angiosperm
<i>Mimosa</i>	<i>bimucronata</i>	Fabaceae	Angiosperm
<i>Mimosa</i>	<i>bonplandii</i>	Fabaceae	Angiosperm
<i>Mimosa</i>	<i>candelabrum</i>	Fabaceae	Angiosperm

<i>Mimosa</i>	<i>debilis</i>	Fabaceae	Angiosperm
<i>Mimosa</i>	<i>detinens</i>	Fabaceae	Angiosperm
<i>Mimosa</i>	<i>ostenii</i>	Fabaceae	Angiosperm
<i>Mimozyganthus</i>	<i>carinatus</i>	Fabaceae	Angiosperm
<i>Monteverdia</i>	<i>ilicifolia</i>	Celastraceae	Angiosperm
<i>Monteverdia</i>	<i>spinosa</i>	Celastraceae	Angiosperm
<i>Morus</i>	<i>insignis</i>	Moraceae	Angiosperm
<i>Muellera</i>	<i>campestris</i>	Fabaceae	Angiosperm
<i>Muntingia</i>	<i>calabura</i>	Muntingiaceae	Angiosperm
<i>Myracrodroon</i>	<i>balansae</i>	Anacardiaceae	Angiosperm
<i>Myracrodroon</i>	<i>urundeava</i>	Anacardiaceae	Angiosperm
<i>Myrceugenia</i>	<i>lanceolata</i>	Myrtaceae	Angiosperm
<i>Myrcia</i>	<i>pubiflora</i>	Myrtaceae	Angiosperm
<i>Myrcianthes</i>	<i>cisplatensis</i>	Myrtaceae	Angiosperm
<i>Myrcianthes</i>	<i>mato</i>	Myrtaceae	Angiosperm
<i>Myrcianthes</i>	<i>minimifolia</i>	Myrtaceae	Angiosperm
<i>Myrcianthes</i>	<i>pseudomato</i>	Myrtaceae	Angiosperm
<i>Myrcianthes</i>	<i>pungens</i>	Myrtaceae	Angiosperm
<i>Myriocarpa</i>	<i>stipitata</i>	Urticaceae	Angiosperm
<i>Myrocarpus</i>	<i>frondosus</i>	Fabaceae	Angiosperm
<i>Myroxylon</i>	<i>peruferum</i>	Fabaceae	Angiosperm
<i>Myrrhinium</i>	<i>atropurpureum</i>	Myrtaceae	Angiosperm
<i>Myrsine</i>	<i>balansae</i>	Myrtaceae	Angiosperm
<i>Myrsine</i>	<i>coriacea</i>	Myrtaceae	Angiosperm
<i>Myrsine</i>	<i>laetevirens</i>	Myrtaceae	Angiosperm
<i>Myrsine</i>	<i>parvula</i>	Myrtaceae	Angiosperm
<i>Nectandra</i>	<i>angusta</i>	Lauraceae	Angiosperm
<i>Nectandra</i>	<i>angustifolia</i>	Lauraceae	Angiosperm
<i>Nectandra</i>	<i>cuspidata</i>	Lauraceae	Angiosperm
<i>Nectandra</i>	<i>lanceolata</i>	Lauraceae	Angiosperm
<i>Nectandra</i>	<i>membranacea</i>	Lauraceae	Angiosperm
<i>Nicotiana</i>	<i>glauca</i>	Solanaceae	Angiosperm
<i>Nothofagus</i>	<i>alpina</i>	Nothofagaceae	Angiosperm
<i>Nothofagus</i>	<i>antarctica</i>	Nothofagaceae	Angiosperm
<i>Nothofagus</i>	<i>betuloides</i>	Nothofagaceae	Angiosperm
<i>Nothofagus</i>	<i>dombeyi</i>	Nothofagaceae	Angiosperm
<i>Nothofagus</i>	<i>obliqua</i>	Nothofagaceae	Angiosperm
<i>Nothofagus</i>	<i>pumilio</i>	Nothofagaceae	Angiosperm
<i>Ochetophila</i>	<i>trinervis</i>	Lauraceae	Angiosperm
<i>Ocotea</i>	<i>acutifolia</i>	Lauraceae	Angiosperm
<i>Ocotea</i>	<i>lancifolia</i>	Lauraceae	Angiosperm
<i>Ocotea</i>	<i>porphyria</i>	Lauraceae	Angiosperm
<i>Ocotea</i>	<i>puberula</i>	Lauraceae	Angiosperm
<i>Oreopanax</i>	<i>kuntzei</i>	Araliaceae	Angiosperm
<i>Parapiptadenia</i>	<i>excelsa</i>	Fabaceae	Angiosperm
<i>Parapiptadenia</i>	<i>rigida</i>	Fabaceae	Angiosperm
<i>Parasenegalia</i>	<i>visco</i>	Fabaceae	Angiosperm
<i>Parkinsonia</i>	<i>aculeata</i>	Fabaceae	Angiosperm
<i>Parkinsonia</i>	<i>praecox</i>	Fabaceae	Angiosperm
<i>Parodiiodendron</i>	<i>marginivillosum</i>	Picrodendraceae	Angiosperm
<i>Peltophorum</i>	<i>dubium</i>	Fabaceae	Angiosperm
<i>Philyra</i>	<i>brasiliensis</i>	Euphorbiaceae	Angiosperm
<i>Phoradendron</i>	<i>habrostachyum</i>	Viscaceae	Angiosperm
<i>Phyllanthus</i>	<i>chacoensis</i>	Phyllanthaceae	Angiosperm
<i>Phyllostylon</i>	<i>rhamnoides</i>	Ulmaceae	Angiosperm
<i>Phytolacca</i>	<i>dioica</i>	Phytolaccaceae	Angiosperm
<i>Picrasma</i>	<i>crenata</i>	Simaroubaceae	Angiosperm

<i>Pilocarpus</i>	<i>pennatifolius</i>	Rutaceae	Angiosperm
<i>Piper</i>	<i>hieronymi</i>	Piperaceae	Angiosperm
<i>Piper</i>	<i>tucumanum</i>	Piperaceae	Angiosperm
<i>Piptadenia</i>	<i>viridiflora</i>	Fabaceae	Angiosperm
<i>Pisonia</i>	<i>zapallo</i>	Nyctaginaceae	Angiosperm
<i>Plectrocarpa</i>	<i>tetracantha</i>	Zygophyllaceae	Angiosperm
<i>Plinia</i>	<i>rivularis</i>	Myrtaceae	Angiosperm
<i>Podocarpus</i>	<i>nubigenus</i>	Podocarpaceae	Gymnosperm
<i>Podocarpus</i>	<i>parlatorei</i>	Podocarpaceae	Gymnosperm
<i>Pogonopus</i>	<i>tubulosus</i>	Rubiaceae	Angiosperm
<i>Porlieria</i>	<i>microphylla</i>	Zygophyllaceae	Angiosperm
<i>Pouteria</i>	<i>gardneriana</i>	Sapotaceae	Angiosperm
<i>Pouteria</i>	<i>glomerata</i>	Sapotaceae	Angiosperm
<i>Pouteria</i>	<i>salicifolia</i>	Sapotaceae	Angiosperm
<i>Prosopis</i>	<i>affinis</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>alba</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>alpataco</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>argentina</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>caldenia</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>chilensis</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>elata</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>ferox</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>flexuosa</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>hassleri</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>kuntzei</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>nigra</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>rubiflora</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>ruizleali</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>ruscifolia</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>sericantha</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>torquata</i>	Fabaceae	Angiosperm
<i>Prosopis</i>	<i>vinalillo</i>	Fabaceae	Angiosperm
<i>Prunus</i>	<i>brasiliensis</i>	Rosaceae	Angiosperm
<i>Prunus</i>	<i>subcoriacea</i>	Rosaceae	Angiosperm
<i>Prunus</i>	<i>tucumanensis</i>	Rosaceae	Angiosperm
<i>Pseudobombax</i>	<i>argentinum</i>	Malvaceae	Angiosperm
<i>Psidium</i>	<i>guajava</i>	Myrtaceae	Angiosperm
<i>Psidium</i>	<i>striatum</i>	Myrtaceae	Angiosperm
<i>Pterogyne</i>	<i>nitens</i>	Fabaceae	Angiosperm
<i>Quillaja</i>	<i>brasiliensis</i>	Quillajaceae	Angiosperm
<i>Ramorinoa</i>	<i>girolae</i>	Fabaceae	Angiosperm
<i>Randia</i>	<i>ferox</i>	Rubiaceae	Angiosperm
<i>Randia</i>	<i>micracantha</i>	Rubiaceae	Angiosperm
<i>Rauvolfia</i>	<i>schuelii</i>	Apocynaceae	Angiosperm
<i>Rauvolfia</i>	<i>sellowii</i>	Apocynaceae	Angiosperm
<i>Rhamnus</i>	<i>sphaerosperma</i>	Rhamnaceae	Angiosperm
<i>Rhaphithamnus</i>	<i>spinulosus</i>	Verbenaceae	Angiosperm
<i>Roupala</i>	<i>meisneri</i>	Proteaceae	Angiosperm
<i>Rubus</i>	<i>brasiliensis</i>	Rosaceae	Angiosperm
<i>Ruprechtia</i>	<i>apetala</i>	Polygonaceae	Angiosperm
<i>Ruprechtia</i>	<i>brachysepala</i>	Polygonaceae	Angiosperm
<i>Ruprechtia</i>	<i>laxiflora</i>	Polygonaceae	Angiosperm
<i>Ruprechtia</i>	<i>salicifolia</i>	Polygonaceae	Angiosperm
<i>Salix</i>	<i>humboldtiana</i>	Salicaceae	Angiosperm
<i>Salta</i>	<i>triflora</i>	Polygonaceae	Angiosperm
<i>Sambucus</i>	<i>australis</i>	Viburnaceae	Angiosperm
<i>Sambucus</i>	<i>nigra</i>	Viburnaceae	Angiosperm

<i>Sambucus</i>	<i>peruviana</i>	Viburnaceae	Angiosperm
<i>Sapindus</i>	<i>saponaria</i>	Sapindaceae	Angiosperm
<i>Sapium</i>	<i>glandulosum</i>	Euphorbiaceae	Angiosperm
<i>Sapium</i>	<i>haematospermum</i>	Euphorbiaceae	Angiosperm
<i>Sarcomphalus</i>	<i>mistol</i>	Rhamnaceae	Angiosperm
<i>Sarcotoxicum</i>	<i>salicifolium</i>	Capparaceae	Angiosperm
<i>Schaefferia</i>	<i>argentinensis</i>	Celastraceae	Angiosperm
<i>Schinopsis</i>	<i>balansae</i>	Anacardiaceae	Angiosperm
<i>Schinopsis</i>	<i>heterophylla</i>	Anacardiaceae	Angiosperm
<i>Schinopsis</i>	<i>lorentzii</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>areira</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>bunelioides</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>fasciculatus</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>gracilipes</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>lentiscifolius</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>longifolius</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>marchandii</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>meyeri</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>molle</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>myrtifolius</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>patagonicus</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>piliferus</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>polygamus</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>praecox</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>roigii</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>sp.</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>spinosus</i>	Anacardiaceae	Angiosperm
<i>Schinus</i>	<i>terebinthifolius</i>	Anacardiaceae	Angiosperm
<i>Scutia</i>	<i>buxifolia</i>	Rhamnaceae	Angiosperm
<i>Sebastiania</i>	<i>argutidens</i>	Euphorbiaceae	Angiosperm
<i>Sebastiania</i>	<i>brasiliensis</i>	Euphorbiaceae	Angiosperm
<i>Sebastiania</i>	<i>commersoniana</i>	Euphorbiaceae	Angiosperm
<i>Seguieria</i>	<i>aculeata</i>	Petiveraceae	Angiosperm
<i>Senegalia</i>	<i>bonariensis</i>	Fabaceae	Angiosperm
<i>Senegalia</i>	<i>fiebrigii</i>	Fabaceae	Angiosperm
<i>Senegalia</i>	<i>gilliesii</i>	Fabaceae	Angiosperm
<i>Senegalia</i>	<i>martii</i>	Fabaceae	Angiosperm
<i>Senegalia</i>	<i>polyphylla</i>	Fabaceae	Angiosperm
<i>Senegalia</i>	<i>praecox</i>	Fabaceae	Angiosperm
<i>Senegalia</i>	<i>tucumanensis</i>	Fabaceae	Angiosperm
<i>Senna</i>	<i>aphylla</i>	Fabaceae	Angiosperm
<i>Senna</i>	<i>spectabilis</i>	Fabaceae	Angiosperm
<i>Serjania</i>	<i>foveata</i>	Sapindaceae	Angiosperm
<i>Sideroxylon</i>	<i>obtusifolium</i>	Sapotaceae	Angiosperm
<i>Siphoneugena</i>	<i>occidentalis</i>	Myrtaceae	Angiosperm
<i>Solanum</i>	<i>aligerum</i>	Solanaceae	Angiosperm
<i>Solanum</i>	<i>granulosum-leprosum</i>	Solanaceae	Angiosperm
<i>Solanum</i>	<i>pseudoquina</i>	Solanaceae	Angiosperm
<i>Solanum</i>	<i>riparium</i>	Solanaceae	Angiosperm
<i>Solanum</i>	<i>sanctae-cathariniae</i>	Solanaceae	Angiosperm
<i>Sorocea</i>	<i>bonplandii</i>	Moraceae	Angiosperm
<i>Sorocea</i>	<i>sprucei</i>	Moraceae	Angiosperm
<i>Strychnos</i>	<i>brasiliensis</i>	Loganiaceae	Angiosperm
<i>Styrax</i>	<i>leprosus</i>	Styracaceae	Angiosperm
<i>Styrax</i>	<i>subargenteus</i>	Styracaceae	Angiosperm
<i>Suaeda</i>	<i>divaricata</i>	Chenopodiaceae	Angiosperm
<i>Syagrus</i>	<i>romanzoffiana</i>	Arecaceae	Angiosperm

<i>Symplocos</i>	<i>uniflora</i>	Symplocaceae	Angiosperm
<i>Tabebuia</i>	<i>aurea</i>	Bignoniaceae	Angiosperm
<i>Tabebuia</i>	<i>nodosa</i>	Bignoniaceae	Angiosperm
<i>Tabernaemontana</i>	<i>catharinensis</i>	Apocynaceae	Angiosperm
<i>Tachigali</i>	<i>aurea</i>	Fabaceae	Angiosperm
<i>Tamarix</i>	<i>ramosissima</i>	Tamaricaceae	Angiosperm
<i>Tecoma</i>	<i>stans</i>	Bignoniaceae	Angiosperm
<i>Terminalia</i>	<i>australis</i>	Combretaceae	Angiosperm
<i>Terminalia</i>	<i>catappa</i>	Combretaceae	Angiosperm
<i>Terminalia</i>	<i>triflora</i>	Combretaceae	Angiosperm
<i>Tessaria</i>	<i>integrifolia</i>	Asteraceae	Angiosperm
<i>Tetrorchidium</i>	<i>ruberivenium</i>	Euphorbiaceae	Angiosperm
<i>Tipuana</i>	<i>tipu</i>	Fabaceae	Angiosperm
<i>Trema</i>	<i>micrantha</i>	Cannabaceae	Angiosperm
<i>Trichilia</i>	<i>catigua</i>	Meliaceae	Angiosperm
<i>Trichilia</i>	<i>claussenii</i>	Meliaceae	Angiosperm
<i>Trichilia</i>	<i>elegans</i>	Meliaceae	Angiosperm
<i>Trithrinax</i>	<i>campestris</i>	Arecaceae	Angiosperm
<i>Trithrinax</i>	<i>schizophylla var. bif.</i>	Arecaceae	Angiosperm
<i>Trithrinax</i>	<i>schizophylla</i>	Arecaceae	Angiosperm
<i>Trithrinax</i>	<i>schizophylla var. sch.</i>	Arecaceae	Angiosperm
<i>Urera</i>	<i>baccifera</i>	Urticaceae	Angiosperm
<i>Urera</i>	<i>caracasana</i>	Urticaceae	Angiosperm
<i>Vachellia</i>	<i>albicorticata</i>	Fabaceae	Angiosperm
<i>Vachellia</i>	<i>aroma</i>	Fabaceae	Angiosperm
<i>Vachellia</i>	<i>astrigens</i>	Fabaceae	Angiosperm
<i>Vachellia</i>	<i>caven</i>	Fabaceae	Angiosperm
<i>Vachellia</i>	<i>macracantha</i>	Fabaceae	Angiosperm
<i>Vallesia</i>	<i>glabra</i>	Fabaceae	Angiosperm
<i>Vasconcellea</i>	<i>quercifolia</i>	Caricaceae	Angiosperm
<i>Vassobia</i>	<i>breviflora</i>	Solanaceae	Angiosperm
<i>Viburnum</i>	<i>seemenii</i>	Viburnaceae	Angiosperm
<i>Vitex</i>	<i>megapotamica</i>	Lamiaceae	Angiosperm
<i>Weinmannia</i>	<i>boliviensis</i>	Cunoniaceae	Angiosperm
<i>Ximenia</i>	<i>americana</i>	Olacaceae	Angiosperm
<i>Xylosma</i>	<i>longipetiolata</i>	Salicaceae	Angiosperm
<i>Xylosma</i>	<i>pseudosalzmanii</i>	Salicaceae	Angiosperm
<i>Xylosma</i>	<i>pubescens</i>	Salicaceae	Angiosperm
<i>Xylosma</i>	<i>tweediana</i>	Salicaceae	Angiosperm
<i>Xylosma</i>	<i>venosa</i>	Salicaceae	Angiosperm
<i>Zanthoxylum</i>	<i>coco</i>	Rutaceae	Angiosperm
<i>Zanthoxylum</i>	<i>fagara</i>	Rutaceae	Angiosperm
<i>Zanthoxylum</i>	<i>petiolare</i>	Rutaceae	Angiosperm
<i>Zanthoxylum</i>	<i>rhoifolium</i>	Rutaceae	Angiosperm
<i>Zuccagnia</i>	<i>punctata</i>	Fabaceae	Angiosperm

**Table S2.** Plots of the Second National Forest Inventory classified by forest types (Level 1, FT-1) and forest regions (TDF+PAT = Tierra del Fuego and Continental forests along the Andes Mountains, DEL = Delta and islands of Paraná river, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests). Acronyms of each forest type were presented.

Region	Level 1	Acronym	Plots	%
TDF+PAT 6.1%	<i>Austrocedrus chilensis + others</i>	ACH	7	3.0%
	<i>Nothofagus antarctica + others</i>	NAN	54	23.5%
	<i>Nothofagus betuloides + others</i>	NBE	10	4.3%
	<i>Nothofagus dombeyi + others</i>	NDO	24	10.4%
	<i>Nothofagus pumilio + others</i>	NPU	135	58.7%
DEL 0.5%	<i>Euphorbiaceae + others</i>	EUP	5	27.8%
	<i>Lauraceae + others</i>	LAU	2	11.1%
	<i>Mimosoideae + others</i>	MIM	2	11.1%
	<i>Polygonaceae + others</i>	POL	2	11.1%
	<i>Prosopis + others</i>	PRO	2	11.1%
	<i>Salicaceae + others</i>	SAL	5	27.8%
ESP 6.6%	<i>Celtis + others</i>	CEL	8	3.2%
	<i>Euphorbiaceae + others</i>	EUP	8	3.2%
	<i>Mimosoideae + others</i>	MIM	38	15.1%
	<i>Myrtaceae + others</i>	MYR	16	6.4%
	<i>Palmera + others</i>	PAL	11	4.4%
	<i>Prosopis + others</i>	PRO	170	67.7%
MON 2.4%	<i>Aspidosperma quebracho-blanco + others</i>	ASQ	5	5.4%
	<i>Caesalpinoideae + others</i>	CAE	7	7.6%
	<i>Prosopis + others</i>	PRO	70	76.1%
	<i>Zygophyllaceae + others</i>	ZYG	10	10.9%
PCH 72.4%	<i>Anacardiaceae + others</i>	ANA	31	1.1%
	<i>Aspidosperma quebracho-blanco + others</i>	ASQ	628	22.8%
	<i>Asteraceae + others</i>	AST	2	0.1%
	<i>Caesalpinoideae + others</i>	CAE	152	5.5%
	<i>Calycophyllum multiflorum + others</i>	CAMU	9	0.3%
	<i>Capparaceae + others</i>	CAPP	4	0.1%
	<i>Ceiba + others</i>	CEI	85	3.1%
	<i>Celtis + others</i>	CEL	24	0.9%
	<i>Cervantesiaceae + others</i>	CERV	8	0.3%
	<i>Cordia + others</i>	COR	26	0.9%
	<i>Euphorbiaceae + others</i>	EUP	17	0.6%
	<i>Gonopterodendron sarmientoi + others</i>	GON	83	3.0%
	<i>Lauraceae + others</i>	LAU	2	0.1%
	<i>Mimosoideae + others</i>	MIM	182	6.6%
	<i>Moraceae + others</i>	MOR	7	0.3%
	<i>Myrtaceae + others</i>	MYR	11	0.4%
	<i>Palmera + others</i>	PAL	95	3.5%
	<i>Papilionoideae + others</i>	PAP	2	0.1%
Phyllostylon rhamnoides + others	<i>Phyllostylon rhamnoides + others</i>	PHY	17	0.6%
	<i>Pisonia zapallo + others</i>	PIS	17	0.6%
	<i>Polygonaceae + others</i>	POL	124	4.5%
	<i>Prosopis + others</i>	PRO	586	21.3%
	<i>Rhamnaceae + others</i>	RHA	6	0.2%
	<i>Salicaceae + others</i>	SAL	1	0.0%
	<i>Sapindaceae + others</i>	SAP	10	0.4%
	<i>Sapotaceae + others</i>	SAPO	30	1.1%
	<i>Sarcomphalus mistol + others</i>	SAR	246	8.9%
	<i>Schinopsis + others</i>	SQC	254	9.2%

	<i>Tabebuia nodosa + others</i>	TANO	89	3.2%
	<i>Zanthoxylum + others</i>	ZAN	2	0.1%
AF	<i>Achatocarpaceae + others</i>	ACHA	3	1.8%
4.3%	<i>Bastardopsis densiflora + otra</i>	BAS	10	6.1%
	<i>Caesalpinoideae + others</i>	CAE	6	3.7%
	<i>Caricaceae + others</i>	CEI	2	1.2%
	<i>Ceiba + others</i>	CRI	2	1.2%
	<i>Cordia + others</i>	COR	17	10.4%
	<i>Euphorbiaceae + others</i>	EUP	2	1.2%
	<i>Helietia apiculata + others</i>	HEL	6	3.7%
	<i>Lamiaceae + others</i>	LAM	4	2.4%
	<i>Lauraceae + others</i>	LAU	44	26.8%
	<i>Luehea divaricata + others</i>	LUE	10	6.1%
	<i>Meliaceae + others</i>	MEL	5	3.0%
	<i>Mimosoideae + others</i>	MIM	6	3.7%
	<i>Palmera + others</i>	PAL	4	2.4%
	<i>Papilionoideae + others</i>	PAP	15	9.1%
	<i>Prunus + others</i>	PRU	8	4.9%
	<i>Sapindaceae + others</i>	SAP	10	6.1%
	<i>Sapotaceae + others</i>	SAPO	8	4.9%
	<i>Urticaceae + others</i>	URT	2	1.2%
YUN	<i>Alnus acuminata + others</i>	ALN	22	7.5%
7.8%	<i>Anacardiaceae + others</i>	ANA	3	1.0%
	<i>Asteraceae + others</i>	AST	2	0.7%
	<i>Bignoniaceae + others</i>	BIG	1	0.3%
	<i>Caesalpinoideae + others</i>	CAE	7	2.4%
	<i>Calycophyllum multiflorum + others</i>	CAMU	11	3.7%
	<i>Ceiba + others</i>	CEI	5	1.7%
	<i>Cordia + others</i>	COR	9	3.1%
	<i>Elaeocarpaceae + others</i>	ELA	1	0.3%
	<i>Euphorbiaceae + others</i>	EUP	5	1.7%
	<i>Lauraceae + others</i>	LAU	22	7.5%
	<i>Meliaceae + others</i>	MEL	12	4.1%
	<i>Mimosoideae + others</i>	MIM	80	27.1%
	<i>Moraceae + others</i>	MOR	4	1.4%
	<i>Myrtaceae + others</i>	MYR	33	11.2%
	<i>Papilionoideae + others</i>	PAP	2	0.7%
	<i>Phyllostylon rhamnoides + others</i>	PHY	21	7.1%
	<i>Pisonia zapallo + others</i>	PIS	7	2.4%
	<i>Podocarpus parlatorei + others</i>	POD	15	5.1%
	<i>Polygonaceae + others</i>	POL	6	2.0%
	<i>Rubiaceae + others</i>	RUB	1	0.3%
	<i>Sapindaceae + others</i>	SAP	9	3.1%
	<i>Sapotaceae + others</i>	SAPO	3	1.0%
	<i>Schinopsis + others</i>	SQC	13	4.4%
	<i>Zanthoxylum + others</i>	ZAN	1	0.3%

**Table S3.** Plots of the Second National Forest Inventory classified by forest types (Level 2 and 3, FT-2 and FT-3) and forest regions (TDF+PAT = Tierra del Fuego and Continental forests along the Andes Mountains, DEL = Delta and islands of Paraná river, ESP = Espinal forests, MON = Monte forests, PCH = Parque Chaqueño forests, YUN = Yunga rainforests, AF = Atlantic forests).

Level 2 in titles and Level 3 with numbers	TDF+PAT	DEL	ESP	MON	PCH	AF	YUN	Total
<b><i>Achatocarpaceae + others</i></b>								
1 <i>Achatocarpus praecox</i>					1		1	
2 <i>Achatocarpus praecox+Bastardioopsis</i>					1		1	
3 <i>Achatocarpus praecox+Erythrina falcata+Trichilia</i>					1		1	
<b><i>Alnus acuminata + others</i></b>								
4 <i>Allophylus edulis+Alnus acuminata+Blepharocalyx</i>					1		1	
5 <i>Alnus acuminata</i>					16		16	
6 <i>Alnus acuminata+Podocarpus parlatorei</i>					1		1	
7 <i>Alnus acuminata+Podocarpus parlatorei+Parapiptadenia</i>					1		1	
8 <i>Cordia americana+Alnus acuminata</i>					1		1	
9 <i>Prunus tucumanensis+Alnus acuminata</i>					1		1	
10 <i>Xylosma pubescens+Alnus acuminata+Zanthoxylum coco</i>					1		1	
<b><i>Anacardiaceae + others</i></b>								
11 <i>Lithraea molleoides</i>					1		1	
12 <i>Lithraea molleoides+Allophylus edulis+Xylosma</i>					1		1	
13 <i>Lithraea molleoides+Celtis ehrenbergiana</i>					2		2	
14 <i>Lithraea molleoides+Prosopis alba</i>					1		1	
15 <i>Lithraea molleoides+Vachellia caven</i>					1		1	
16 <i>Lithraea molleoides+Vachellia caven+Kageneckia</i>					1		1	
17 <i>Myracrodruon balansae+Chrysophyllum</i>					1		1	
18 <i>Myracrodruon balansae+Cordia americana</i>					2		2	
19 <i>Myracrodruon balansae+Cordia americana+Diplokeleba</i>					1		1	
20 <i>Myracrodruon balansae+Cordia americana+Diplokeleba</i>					1		1	
21 <i>Myracrodruon balansae+Cordia americana+Prosopis</i>					1		1	
22 <i>Myracrodruon balansae+Gleditsia</i>					1		1	
23 <i>Myracrodruon balansae+Gleditsia</i>					1		1	
24 <i>Myracrodruon balansae+Phyllostylon</i>					1		1	
25 <i>Myracrodruon balansae+Prosopis nigra+Nectandra</i>					1		1	
26 <i>Myracrodruon balansae+Prosopis nigra+Schinus</i>					1		1	
27 <i>Myracrodruon balansae+Syagrus</i>					1		1	
28 <i>Myracrodruon urundeava+Anadenanthera</i>						1	1	
29 <i>Myracrodruon urundeava+Anadenanthera</i>						1	1	
30 <i>Myracrodruon urundeava+Cedrela</i>						1	1	
31 <i>Schinus areira</i>						1	1	
32 <i>Schinus fasciculatus</i>						1	1	
33 <i>Schinus fasciculatus+Senegalia praecox+Phytolacca dioica</i>						1	1	
34 <i>Schinus gracilipes+Sarcomphalus mistol+Prosopis alba</i>						1	1	
35 <i>Schinus longifolius+Aspidosperma quebracho-blanco</i>						1	1	
36 <i>Schinus longifolius+Aspidosperma quebracho-</i>						1	1	
37 <i>Schinus longifolius+Bougainvillea stipitata</i>						1	1	
38 <i>Schinus longifolius+Prosopis nigra+Prosopis vinalillo</i>						1	1	
39 <i>Schinus longifolius+Sarcomphalus mistol+Aspidosperma</i>						1	1	
40 <i>Schinus longifolius+Senegalia praecox</i>						1	1	
41 <i>Schinus molle+Sarcomphalus mistol</i>						1	1	
42 <i>Schinus piliferus+Geoffroea decorticans+Prosopis nigra</i>						1	1	
<b><i>Aspidosperma quebracho-blanco + others</i></b>								
43 <i>Aspidosperma quebracho-blanco</i>	1		119			120		
44 <i>Aspidosperma quebracho-blanco+Atamisquea emarginata</i>					1		1	
45 <i>Aspidosperma quebracho-blanco+Atamisquea</i>					1		1	

46	<i>Aspidosperma quebracho-blanco+Bougainvillea</i>	1	1
47	<i>Aspidosperma quebracho-blanco+Bougainvillea</i>	1	1
48	<i>Aspidosperma quebracho-blanco+Bougainvillea</i>	1	1
49	<i>Aspidosperma quebracho-blanco+Bougainvillea</i>	2	2
50	<i>Aspidosperma quebracho-blanco+Buñesia retama</i>	2	2
51	<i>Aspidosperma quebracho-blanco+Castela coccinea+Jodina</i>	1	1
52	<i>Aspidosperma quebracho-blanco+Castela</i>	1	1
53	<i>Aspidosperma quebracho-blanco+Castela</i>	1	1
54	<i>Aspidosperma quebracho-blanco+Ceiba</i>	1	1
55	<i>Aspidosperma quebracho-blanco+Celtis</i>	1	1
56	<i>Aspidosperma quebracho-blanco+Condalia microphylla</i>	2	2
57	<i>Aspidosperma quebracho-blanco+Cynophalla</i>	1	1
58	<i>Aspidosperma quebracho-blanco+Geoffroea decorticans</i>	1	1
59	<i>Aspidosperma quebracho-blanco+Geoffroea</i>	1	1
60	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	6	6
61	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
62	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
63	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
64	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
65	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
66	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
67	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
68	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	2	2
69	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	3	3
70	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
71	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
72	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
73	<i>Aspidosperma quebracho-blanco+Gonopterodendron</i>	1	1
74	<i>Aspidosperma quebracho-blanco+Larrea divaricata</i>	1	1
75	<i>Aspidosperma quebracho-blanco+Libidibia paraguariensis</i>	3	3
76	<i>Aspidosperma quebracho-blanco+Libidibia</i>	1	1
77	<i>Aspidosperma quebracho-blanco+Libidibia</i>	1	1
78	<i>Aspidosperma quebracho-blanco+Libidibia</i>	1	1
79	<i>Aspidosperma quebracho-blanco+Libidibia</i>	1	1
80	<i>Aspidosperma quebracho-blanco+Libidibia</i>	3	3
81	<i>Aspidosperma quebracho-blanco+Libidibia</i>	1	1
82	<i>Aspidosperma quebracho-blanco+Libidibia</i>	1	1
83	<i>Aspidosperma quebracho-blanco+Lithraea</i>	1	1
84	<i>Aspidosperma quebracho-blanco+Maytenus vitis-idaea</i>	1	1
85	<i>Aspidosperma quebracho-blanco+Myracrodruon</i>	1	1
86	<i>Aspidosperma quebracho-blanco+Nectandra</i>	1	1
87	<i>Aspidosperma quebracho-blanco+Parkinsonia praecox</i>	26	26
88	<i>Aspidosperma quebracho-blanco+Parkinsonia</i>	1	1
89	<i>Aspidosperma quebracho-blanco+Parkinsonia</i>	1	1
90	<i>Aspidosperma quebracho-blanco+Parkinsonia</i>	1	1
91	<i>Aspidosperma quebracho-blanco+Parkinsonia</i>	1	1
92	<i>Aspidosperma quebracho-blanco+Parkinsonia</i>	1	1
93	<i>Aspidosperma quebracho-blanco+Pisonia</i>	1	1
94	<i>Aspidosperma quebracho-blanco+Pisonia</i>	1	1
95	<i>Aspidosperma quebracho-blanco+Prosopis alba</i>	2	2
96	<i>Aspidosperma quebracho-blanco+Prosopis alba+Castela</i>	1	1
97	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
98	<i>Aspidosperma quebracho-blanco+Prosopis flexuosa</i>	28	28
99	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
100	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
101	<i>Aspidosperma quebracho-blanco+Prosopis kuntzei</i>	4	4
102	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1

103	<i>Aspidosperma quebracho-blanco+Prosopis kuntzei+Salta</i>	1	1
104	<i>Aspidosperma quebracho-blanco+Prosopis nigra</i>	1	30
105	<i>Aspidosperma quebracho-blanco+Prosopis nigra+Libidibia</i>	1	1
106	<i>Aspidosperma quebracho-blanco+Prosopis</i>	2	2
107	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
108	<i>Aspidosperma quebracho-blanco+Prosopis</i>	2	2
109	<i>Aspidosperma quebracho-blanco+Prosopis</i>	3	3
110	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
111	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
112	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
113	<i>Aspidosperma quebracho-blanco+Prosopis ruscifolia</i>	2	2
114	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
115	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
116	<i>Aspidosperma quebracho-blanco+Prosopis torquata</i>	9	9
117	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
118	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
119	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
120	<i>Aspidosperma quebracho-blanco+Prosopis</i>	1	1
121	<i>Aspidosperma quebracho-blanco+Ruprechtia</i>	1	1
122	<i>Aspidosperma quebracho-blanco+Salta triflora</i>	8	8
123	<i>Aspidosperma quebracho-blanco+Salta</i>	1	1
124	<i>Aspidosperma quebracho-blanco+Salta triflora+Castela</i>	1	1
125	<i>Aspidosperma quebracho-blanco+Salta triflora+Ceiba</i>	1	1
126	<i>Aspidosperma quebracho-blanco+Salta triflora+Libidibia</i>	1	1
127	<i>Aspidosperma quebracho-blanco+Salta triflora+Prosopis</i>	1	1
128	<i>Aspidosperma quebracho-blanco+Salta</i>	4	4
129	<i>Aspidosperma quebracho-blanco+Salta</i>	1	1
130	<i>Aspidosperma quebracho-blanco+Salta</i>	1	1
131	<i>Aspidosperma quebracho-blanco+Salta triflora+Schinopsis</i>	5	5
132	<i>Aspidosperma quebracho-blanco+Salta triflora+Schinopsis</i>	1	1
133	<i>Aspidosperma quebracho-blanco+Salta triflora+Senegalia</i>	1	1
134	<i>Aspidosperma quebracho-blanco+Salta triflora+Senegalia</i>	1	1
135	<i>Aspidosperma quebracho-blanco+Salta</i>	1	1
136	<i>Aspidosperma quebracho-blanco+Salta triflora+Tabebuia</i>	2	2
137	<i>Aspidosperma quebracho-blanco+Salta triflora+Tabebuia</i>	1	1
138	<i>Aspidosperma quebracho-blanco+Salta triflora+Tabebuia</i>	1	1
139	<i>Aspidosperma quebracho-blanco+Salta triflora+Ximenia</i>	1	1
140	<i>Aspidosperma quebracho-blanco+Sarcomphalus mistol</i>	42	42
141	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
142	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
143	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
144	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
145	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
146	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
147	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
148	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
149	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
150	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
151	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
152	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	3	3
153	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	6	6
154	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
155	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	2	2
156	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
157	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
158	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
159	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1

160	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	13	13
161	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
162	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
163	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
164	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
165	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
166	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	2	2
167	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
168	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	3	3
169	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
170	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
171	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
172	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	1	1
173	<i>Aspidosperma quebracho-blanco+Sarcomphalus</i>	2	2
174	<i>Aspidosperma quebracho-blanco+Schinopsis balansae</i>	1	1
175	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	2	2
176	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
177	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
178	<i>Aspidosperma quebracho-blanco+Schinopsis lorentzii</i>	35	35
179	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	2	2
180	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
181	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	5	5
182	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
183	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
184	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
185	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
186	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	5	5
187	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	3	3
188	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
189	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	10	10
190	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
191	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	4	4
192	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
193	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
194	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
195	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	2	2
196	<i>Aspidosperma quebracho-blanco+Schinopsis</i>	1	1
197	<i>Aspidosperma quebracho-blanco+Schinus longifolius</i>	2	2
198	<i>Aspidosperma quebracho-blanco+Schinus</i>	1	1
199	<i>Aspidosperma quebracho-blanco+Schinus</i>	2	2
200	<i>Aspidosperma quebracho-blanco+Senegalia gilliesii</i>	3	3
201	<i>Aspidosperma quebracho-blanco+Senegalia</i>	1	1
202	<i>Aspidosperma quebracho-blanco+Senegalia</i>	2	2
203	<i>Aspidosperma quebracho-blanco+Senegalia</i>	1	1
204	<i>Aspidosperma quebracho-blanco+Senegalia praecox</i>	8	8
205	<i>Aspidosperma quebracho-blanco+Senegalia</i>	1	1
206	<i>Aspidosperma quebracho-blanco+Senegalia</i>	1	1
207	<i>Aspidosperma quebracho-blanco+Senegalia</i>	1	1
208	<i>Aspidosperma quebracho-blanco+Senegalia</i>	1	1
209	<i>Aspidosperma quebracho-blanco+Senegalia</i>	1	1
210	<i>Aspidosperma quebracho-blanco+Sideroxylon obtusifolium</i>	1	1
211	<i>Aspidosperma quebracho-blanco+Sideroxylon</i>	1	1
212	<i>Aspidosperma quebracho-blanco+Sideroxylon</i>	1	1
213	<i>Aspidosperma quebracho-blanco+Sideroxylon</i>	1	1
214	<i>Aspidosperma quebracho-blanco+Tabebuia nodosa</i>	4	4
215	<i>Aspidosperma quebracho-blanco+Tabebuia</i>	1	1
216	<i>Aspidosperma quebracho-blanco+Tabebuia nodosa+Ceiba</i>	1	1

217	<i>Aspidosperma quebracho-blanco+Tabebuia</i>	2	2
218	<i>Aspidosperma quebracho-blanco+Tabebuia nodosa+Salta</i>	1	1
219	<i>Aspidosperma quebracho-blanco+Tabebuia</i>	1	1
220	<i>Aspidosperma quebracho-blanco+Tabebuia</i>	3	3
221	<i>Aspidosperma quebracho-blanco+Tabebuia</i>	1	1
222	<i>Aspidosperma quebracho-blanco+Tabebuia</i>	1	1
223	<i>Aspidosperma quebracho-blanco+Trithrinax schizophylla</i>	1	1
224	<i>Aspidosperma quebracho-blanco+Trithrinax schizophylla</i>	1	1
225	<i>Aspidosperma quebracho-blanco+Vachellia aroma</i>	2	2
226	<i>Aspidosperma quebracho-blanco+Vachellia astringens</i>	1	1
227	<i>Aspidosperma quebracho-blanco+Vachellia caven</i>	3	3
228	<i>Aspidosperma quebracho-blanco+Vachellia</i>	1	1
229	<i>Atamisquea emarginata+Aspidosperma quebracho-</i>	1	1
230	<i>Bougainvillea praecox+Aspidosperma quebracho-</i>	1	1
231	<i>Bougainvillea stipitata+Aspidosperma quebracho-blanco</i>	1	1
232	<i>Bulnesia retama+Aspidosperma quebracho-blanco</i>	1	1
233	<i>Condalia microphylla</i>	1	1
234	<i>Maytenus boaria+Aspidosperma quebracho-blanco</i>	1	1
235	<i>Ramorinoa girolae</i>	1	1
236	<i>Sarcomphalus mistol+Aspidosperma quebracho-blanco</i>	46	46
237	<i>Schinus longifolius+Condalia microphylla</i>	1	1
238	<i>Trichilia catigua+Aspidosperma quebracho-</i>	1	1
<b>Asteraceae + others</b>			
239	<i>Terminalia triflora</i>	1	1
240	<i>Terminalia triflora+Myrcianthes pseudomato+Tabebuia</i>		1
241	<i>Terminalia triflora+Syagrus romanzoffiana+Ruprechtia</i>	1	1
<b>Austrocedrus chilensis + others</b>			
242	<i>Austrocedrus chilensis</i>	3	3
243	<i>Austrocedrus chilensis+Lomatia hirsuta</i>	2	2
244	<i>Austrocedrus chilensis+Maytenus boaria</i>	1	1
245	<i>Austrocedrus chilensis+Nothofagus antarctica</i>	1	1
<b>Bastardiopsis densiflora + otra</b>			
246	<i>Bastardiopsis densiflora</i>	1	1
247	<i>Bastardiopsis densiflora+Cabralea canjerana+Prunus</i>	1	1
248	<i>Bastardiopsis densiflora+Nectandra angustifolia+Ceiba</i>	1	1
249	<i>Bastardiopsis densiflora+Nectandra</i>	1	1
250	<i>Bastardiopsis densiflora+Nectandra angustifolia+Prunus</i>	1	1
251	<i>Bastardiopsis densiflora+Phytolacca dioica+Ocotea</i>	1	1
252	<i>Bastardiopsis densiflora+Ruprechtia laxiflora+Nectandra</i>	1	1
253	<i>Ficus luschnathiana+Phytolacca dioica</i>	1	1
254	<i>Phytolacca dioica+Bastardiopsis densiflora</i>	1	1
255	<i>Phytolacca dioica+Bastardiopsis densiflora+Nectandra</i>	1	1
<b>Bignoniaceae + others</b>			
256	<i>Jacaranda mimosifolia+Azara salicifolia</i>		1
<b>Caesalpinoideae + others</b>			
257	<i>Apuleia leiocarpa+Chrysophyllum gonocarpum+Pisonia</i>	1	1
258	<i>Apuleia leiocarpa+Chrysophyllum gonocarpum+Trichilia</i>	1	1
259	<i>Athyana weinmanniifolia+Libidibia</i>	1	1
260	<i>Geoffroea decorticans</i>	6	29
261	<i>Geoffroea decorticans+Celtis chichape</i>	1	1
262	<i>Geoffroea decorticans+Celtis ehrenbergiana</i>	2	2
263	<i>Geoffroea decorticans+Copernicia alba+Prosopis nigra</i>	1	1
264	<i>Geoffroea decorticans+Gonopterodendron sarmientoi</i>	1	1
265	<i>Geoffroea decorticans+Libidibia</i>	1	1
266	<i>Geoffroea decorticans+Mimozyganthus</i>	1	1
267	<i>Geoffroea decorticans+Parkinsonia</i>	1	1
268	<i>Geoffroea decorticans+Prosopis alba</i>	2	2

269	<i>Geoffroea decorticans</i> + <i>Prosopis flexuosa</i>	1	1
270	<i>Geoffroea decorticans</i> + <i>Prosopis nigra</i>	5	5
271	<i>Geoffroea decorticans</i> + <i>Prosopis nigra</i> + <i>Prosopis alba</i>	1	1
272	<i>Geoffroea decorticans</i> + <i>Prosopis ruscifolia</i>	3	3
273	<i>Geoffroea decorticans</i> + <i>Prosopis torquata</i> + <i>Condalia</i>	1	1
274	<i>Geoffroea decorticans</i> + <i>Rauvolfia schuelii</i>	1	1
275	<i>Geoffroea decorticans</i> + <i>Sarcomphalus mistol</i>	1	1
276	<i>Geoffroea decorticans</i> + <i>Sarcomphalus mistol</i> + <i>Pterogyne</i>	1	1
277	<i>Geoffroea decorticans</i> + <i>Schinopsis balansae</i> + <i>Senegalnia</i>	1	1
278	<i>Geoffroea decorticans</i> + <i>Senegalnia praecox</i> + <i>Schinus</i>	1	1
279	<i>Geoffroea decorticans</i> + <i>Tabebuia nodosa</i>	2	2
280	<i>Geoffroea decorticans</i> + <i>Vachellia aroma</i>	1	1
281	<i>Geoffroea decorticans</i> + <i>Vachellia caven</i>	1	1
282	<i>Geoffroea decorticans</i> + <i>Vallesia glabra</i>	1	1
283	<i>Holocalyx balansae</i> + <i>Machaerium stipitatum</i> + <i>Muellera</i>	1	1
284	<i>Holocalyx balansae</i> + <i>Nectandra angustifolia</i> + <i>Apuleia</i>	1	1
285	<i>Holocalyx balansae</i> + <i>Nectandra angustifolia</i> + <i>Ficus</i>	1	1
286	<i>Libidibia paraguariensis</i>	2	2
287	<i>Libidibia paraguariensis</i> + <i>Achatocarpus</i>	1	1
288	<i>Libidibia paraguariensis</i> + <i>Allophylus</i>	1	1
289	<i>Libidibia paraguariensis</i> + <i>Anadenanthera colubrina</i>	1	1
290	<i>Libidibia paraguariensis</i> + <i>Anadenanthera</i>	1	1
291	<i>Libidibia paraguariensis</i> + <i>Aspidosperma quebracho-blanco</i>	2	1
292	<i>Libidibia paraguariensis</i> + <i>Aspidosperma quebracho-</i>	1	1
293	<i>Libidibia paraguariensis</i> + <i>Aspidosperma quebracho-</i>	1	1
294	<i>Libidibia paraguariensis</i> + <i>Aspidosperma quebracho-</i>	1	1
295	<i>Libidibia paraguariensis</i> + <i>Aspidosperma quebracho-</i>	1	1
296	<i>Libidibia paraguariensis</i> + <i>Calycophyllum</i>	1	1
297	<i>Libidibia paraguariensis</i> + <i>Calycophyllum</i>	1	1
298	<i>Libidibia paraguariensis</i> + <i>Cordia americana</i> + <i>Schinopsis</i>	1	1
299	<i>Libidibia paraguariensis</i> + <i>Gleditsia amorphoides</i>	1	1
300	<i>Libidibia paraguariensis</i> + <i>Gleditsia</i>	1	1
301	<i>Libidibia paraguariensis</i> + <i>Gleditsia</i>	1	1
302	<i>Libidibia paraguariensis</i> + <i>Gleditsia</i>	1	1
303	<i>Libidibia paraguariensis</i> + <i>Myracrodruon balansae</i> + <i>Cordia</i>	1	1
304	<i>Libidibia paraguariensis</i> + <i>Myracrodruon</i>	1	1
305	<i>Libidibia paraguariensis</i> + <i>Myracrodruon</i>	1	1
306	<i>Libidibia paraguariensis</i> + <i>Parapiptadenia excelsa</i> + <i>Duranta</i>	1	1
307	<i>Libidibia paraguariensis</i> + <i>Parkinsonia praecox</i>	1	1
308	<i>Libidibia paraguariensis</i> + <i>Phyllostylon</i>	1	1
309	<i>Libidibia paraguariensis</i> + <i>Phyllostylon</i>	1	1
310	<i>Libidibia paraguariensis</i> + <i>Prosopis nigra</i> + <i>Calycophyllum</i>	1	1
311	<i>Libidibia paraguariensis</i> + <i>Ruprechtia apetala</i>	1	1
312	<i>Libidibia paraguariensis</i> + <i>Ruprechtia apetala</i> + <i>Prosopis</i>	1	1
313	<i>Libidibia paraguariensis</i> + <i>Ruprechtia apetala</i> + <i>Senegalnia</i>	1	1
314	<i>Libidibia paraguariensis</i> + <i>Ruprechtia laxiflora</i> + <i>Cordia</i>	1	1
315	<i>Libidibia paraguariensis</i> + <i>Ruprechtia laxiflora</i> + <i>Gleditsia</i>	1	1
316	<i>Libidibia paraguariensis</i> + <i>Ruprechtia</i>	1	1
317	<i>Libidibia paraguariensis</i> + <i>Ruprechtia laxiflora</i> + <i>Schinopsis</i>	1	1
318	<i>Libidibia paraguariensis</i> + <i>Salta triflora</i>	2	2
319	<i>Libidibia paraguariensis</i> + <i>Salta triflora</i> + <i>Bougainvillea</i>	1	1
320	<i>Libidibia paraguariensis</i> + <i>Salta triflora</i> + <i>Prosopis</i>	1	1
321	<i>Libidibia paraguariensis</i> + <i>Salta triflora</i> + <i>Schinopsis</i>	1	1
322	<i>Libidibia paraguariensis</i> + <i>Sarcomphalus mistol</i>		1
323	<i>Libidibia paraguariensis</i> + <i>Sarcomphalus mistol</i> + <i>Castela</i>	1	1
324	<i>Libidibia paraguariensis</i> + <i>Sarcomphalus mistol</i> + <i>Salta</i>	1	1
325	<i>Libidibia paraguariensis</i> + <i>Sarcomphalus mistol</i> + <i>Schinopsis</i>	1	1

326	<i>Libidibia paraguariensis</i> + <i>Schinopsis balansae</i> + <i>Cordia</i>	1	1
327	<i>Libidibia paraguariensis</i> + <i>Schinopsis balansae</i> + <i>Trithrinax</i>	1	1
328	<i>Libidibia paraguariensis</i> + <i>Schinopsis lorentzii</i>	1	1
329	<i>Libidibia paraguariensis</i> + <i>Schinopsis lorentzii</i> + <i>Schinus</i>	1	1
330	<i>Libidibia paraguariensis</i> + <i>Senegalia gilliesii</i> + <i>Aspidosperma</i>	1	1
331	<i>Libidibia paraguariensis</i> + <i>Senegalia praecox</i>	1	1
332	<i>Libidibia paraguariensis</i> + <i>Sideroxylon</i>	1	1
333	<i>Libidibia paraguariensis</i> + <i>Sideroxylon</i>	1	1
334	<i>Libidibia paraguariensis</i> + <i>Tabebuia nodosa</i> + <i>Anisocapparis</i>	1	1
335	<i>Libidibia paraguariensis</i> + <i>Tabebuia nodosa</i> + <i>Salta triflora</i>	1	1
336	<i>Maytenus vitis-idaea</i> + <i>Libidibia paraguariensis</i>	1	1
337	<i>Parkinsonia praecox</i> + <i>Aspidosperma quebracho-blanco</i>	8	8
338	<i>Parkinsonia praecox</i> + <i>Aspidosperma quebracho-</i>	1	1
339	<i>Parkinsonia praecox</i> + <i>Aspidosperma quebracho-</i>	1	1
340	<i>Parkinsonia praecox</i> + <i>Atamisquea emarginata</i>	1	1
341	<i>Parkinsonia praecox</i> + <i>Geoffroea</i>	1	1
342	<i>Parkinsonia praecox</i> + <i>Prosopis flexuosa</i>	6	6
343	<i>Parkinsonia praecox</i> + <i>Prosopis flexuosa</i> + <i>Aspidosperma</i>	1	1
344	<i>Parkinsonia praecox</i> + <i>Prosopis nigra</i>	5	5
345	<i>Parkinsonia praecox</i> + <i>Prosopis nigra</i> + <i>Aspidosperma</i>	1	1
346	<i>Parkinsonia praecox</i> + <i>Prosopis nigra</i> + <i>Aspidosperma</i>	1	1
347	<i>Parkinsonia praecox</i> + <i>Prosopis nigra</i> + <i>Schinopsis lorentzii</i>	1	1
348	<i>Parkinsonia praecox</i> + <i>Prosopis nigra</i> + <i>Vachellia aroma</i>	1	1
349	<i>Parkinsonia praecox</i> + <i>Prosopis ruscifolia</i>	1	1
350	<i>Parkinsonia praecox</i> + <i>Prosopis torquata</i>	1	1
351	<i>Parkinsonia praecox</i> + <i>Salta triflora</i> + <i>Prosopis elata</i>	1	1
352	<i>Parkinsonia praecox</i> + <i>Sarcomphalus mistol</i> + <i>Schinopsis</i>	1	1
353	<i>Parkinsonia praecox</i> + <i>Schinopsis lorentzii</i>	2	2
354	<i>Parkinsonia praecox</i> + <i>Tabebuia nodosa</i>	1	1
355	<i>Parkinsonia praecox</i> + <i>Vachellia astringens</i>	1	1
356	<i>Peltophorum dubium</i> + <i>Enterolobium</i>	1	1
357	<i>Peltophorum dubium</i> + <i>Euterpe edulis</i>	1	1
358	<i>Pterogyne nitens</i> + <i>Maclura tinctoria</i>		1
359	<i>Pterogyne nitens</i> + <i>Salta triflora</i> + <i>Phyllostylon rhamnoides</i>	1	1
360	<i>Pterogyne nitens</i> + <i>Sarcomphalus mistol</i> + <i>Parkinsonia</i>	1	1
361	<i>Pterogyne nitens</i> + <i>Vachellia caven</i> + <i>Albizia</i>	1	1
362	<i>Schinus marchandii</i> + <i>Libidibia paraguariensis</i>	1	1
<b><i>Calycophyllum multiflorum + others</i></b>			
363	<i>Calycophyllum multiflorum</i> + <i>Anadenanthera</i>	1	1
364	<i>Calycophyllum multiflorum</i> + <i>Aspidosperma quebracho-</i>	1	1
365	<i>Calycophyllum multiflorum</i> + <i>Cordia americana</i> + <i>Eugenia</i>	1	1
366	<i>Calycophyllum multiflorum</i> + <i>Gonopterodendron</i>	1	1
367	<i>Calycophyllum multiflorum</i> + <i>Libidibia</i>	1	1
368	<i>Calycophyllum multiflorum</i> + <i>Libidibia</i>	1	1
369	<i>Calycophyllum multiflorum</i> + <i>Phyllostylon</i>		1
370	<i>Calycophyllum multiflorum</i> + <i>Prosopis alba</i> + <i>Prosopis</i>	1	1
371	<i>Calycophyllum multiflorum</i> + <i>Salta triflora</i>	1	1
372	<i>Calycophyllum multiflorum</i> + <i>Salta triflora</i> + <i>Anadenanthera</i>		1
373	<i>Calycophyllum multiflorum</i> + <i>Schinopsis lorentzii</i>	1	1
374	<i>Calycophyllum multiflorum</i> + <i>Sideroxylon</i>	1	1
375	<i>Calycophyllum multiflorum</i> + <i>Terminalia triflora</i> + <i>Ceiba</i>	1	1
376	<i>Cordia trichotoma</i> + <i>Parapiptadenia excelsa</i> + <i>Aspidosperma</i>	1	1
377	<i>Erythrina crista-galli</i> + <i>Allophylus edulis</i>	1	1
378	<i>Lonchocarpus lilloi</i> + <i>Parasenegalnia visco</i> + <i>Tipuana tipu</i>	1	1
379	<i>Tipuana tipu</i>	3	3
380	<i>Tipuana tipu</i> + <i>Blepharocalyx salicifolius</i> + <i>Scutia</i>	1	1
<b><i>Capparaceae + others</i></b>			

381	<i>Anisocapparis speciosa</i> + <i>Salta triflora</i> + <i>Aspidosperma</i>	1	1
382	<i>Capparicordis tweediana</i>	1	1
383	<i>Cynophalla retusa</i> + <i>Acanthosyris</i>	1	1
384	<i>Cynophalla retusa</i> + <i>Cordia americana</i>	1	1
<i>Caricaceae + others</i>			
385	<i>Jacaratia spinosa</i> + <i>Cabralea canjerana</i> + <i>Holocalyx</i>	1	1
386	<i>Jacaratia spinosa</i> + <i>Chrysophyllum gonocarpum</i> + <i>Cordia</i>	1	1
<i>Ceiba + others</i>			
387	<i>Aspidosperma quebracho-blanco</i> + <i>Ceiba chodatii</i>	2	2
388	<i>Aspidosperma quebracho-blanco</i> + <i>Ceiba</i>	1	1
389	<i>Ceiba chodatii</i>	14	1
390	<i>Ceiba chodatii</i> + <i>Achatocarpus praecox</i> + <i>Prosopis</i>	1	1
391	<i>Ceiba chodatii</i> + <i>Anadenanthera colubrina</i>	3	3
392	<i>Ceiba chodatii</i> + <i>Anadenanthera colubrina</i> + <i>Agonandra</i>		1
393	<i>Ceiba chodatii</i> + <i>Anadenanthera colubrina</i> + <i>Salta triflora</i>	1	1
394	<i>Ceiba chodatii</i> + <i>Anadenanthera colubrina</i> + <i>Schinopsis</i>	1	1
395	<i>Ceiba chodatii</i> + <i>Aspidosperma quebracho-blanco</i>	5	5
396	<i>Ceiba chodatii</i> + <i>Aspidosperma quebracho-</i>	1	1
397	<i>Ceiba chodatii</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Salta</i>	2	2
398	<i>Ceiba chodatii</i> + <i>Aspidosperma quebracho-</i>	1	1
399	<i>Ceiba chodatii</i> + <i>Aspidosperma quebracho-</i>	1	1
400	<i>Ceiba chodatii</i> + <i>Aspidosperma quebracho-</i>	2	2
401	<i>Ceiba chodatii</i> + <i>Aspidosperma quebracho-</i>	1	1
402	<i>Ceiba chodatii</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Ximenia</i>	1	1
403	<i>Ceiba chodatii</i> + <i>Calycophyllum multiflorum</i> + <i>Salta triflora</i>	1	1
404	<i>Ceiba chodatii</i> + <i>Gleditsia amorphoides</i> + <i>Jacaranda</i>		1
405	<i>Ceiba chodatii</i> + <i>Gonopterodendron sarmientoi</i>	1	1
406	<i>Ceiba chodatii</i> + <i>Gonopterodendron</i>	1	1
407	<i>Ceiba chodatii</i> + <i>Gonopterodendron sarmientoi</i> + <i>Salta</i>	1	1
408	<i>Ceiba chodatii</i> + <i>Gonopterodendron sarmientoi</i> + <i>Salta</i>	1	1
409	<i>Ceiba chodatii</i> + <i>Handroanthus impetiginosus</i> + <i>Senegalia</i>	1	1
410	<i>Ceiba chodatii</i> + <i>Libidibia paraguariensis</i> + <i>Aspidosperma</i>	1	1
411	<i>Ceiba chodatii</i> + <i>Mimozyganthus carinatus</i>	1	1
412	<i>Ceiba chodatii</i> + <i>Muellera campestris</i> + <i>Balfourodendron</i>		1
413	<i>Ceiba chodatii</i> + <i>Pisonia zapallo</i>		1
414	<i>Ceiba chodatii</i> + <i>Prosopis alba</i> + <i>Salta</i>	1	1
415	<i>Ceiba chodatii</i> + <i>Salta triflora</i>	6	6
416	<i>Ceiba chodatii</i> + <i>Salta triflora</i> + <i>Gonopterodendron</i>	1	1
417	<i>Ceiba chodatii</i> + <i>Salta triflora</i> + <i>Prosopis vinalillo</i>	1	1
418	<i>Ceiba chodatii</i> + <i>Salta triflora</i> + <i>Schinopsis lorentzii</i>	1	1
419	<i>Ceiba chodatii</i> + <i>Sarcomphalus mistol</i>	1	1
420	<i>Ceiba chodatii</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>	1	1
421	<i>Ceiba chodatii</i> + <i>Sarcomphalus mistol</i> + <i>Salta triflora</i>	1	1
422	<i>Ceiba chodatii</i> + <i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i>	2	2
423	<i>Ceiba chodatii</i> + <i>Sarcomphalus mistol</i> + <i>Schinopsis</i>	1	1
424	<i>Ceiba chodatii</i> + <i>Schinopsis lorentzii</i>	7	1
425	<i>Ceiba chodatii</i> + <i>Schinopsis lorentzii</i> + <i>Bougainvillea praecox</i>	1	1
426	<i>Ceiba chodatii</i> + <i>Schinopsis lorentzii</i> + <i>Libidibia</i>	1	1
427	<i>Ceiba chodatii</i> + <i>Schinopsis lorentzii</i> + <i>Salta triflora</i>	1	1
428	<i>Ceiba chodatii</i> + <i>Tabebuia nodosa</i> + <i>Salta</i>	1	1
429	<i>Ceiba chodatii</i> + <i>Tabebuia nodosa</i> + <i>Schinopsis lorentzii</i>	1	1
430	<i>Gonopterodendron sarmientoi</i> + <i>Ceiba</i>	1	1
431	<i>Prosopis alba</i>		1
432	<i>Prosopis kuntzei</i> + <i>Ceiba chodatii</i> + <i>Salta</i>	1	1
433	<i>Salta triflora</i> + <i>Ceiba chodatii</i> + <i>Gonopterodendron</i>	1	1
434	<i>Sarcomphalus mistol</i> + <i>Ceiba chodatii</i>	2	2
435	<i>Sarcomphalus mistol</i> + <i>Ceiba chodatii</i> + <i>Aspidosperma</i>	1	1

436	<i>Sarcomphalus mistol</i> + <i>Ceiba chodatii</i> + <i>Senegalicia</i>		1	1
437	<i>Sarcotoxicum salicifolium</i> + <i>Ceiba</i>		1	1
438	<i>Schinopsis lorentzii</i>		1	1
439	<i>Schinopsis lorentzii</i> + <i>Ceiba chodatii</i> + <i>Libidibia</i>		1	1
440	<i>Sideroxylon obtusifolium</i> + <i>Ceiba chodatii</i> + <i>Pisonia zapallo</i>		1	1
441	<i>Trithrinax schizophylla</i> var. <i>biflabellata</i> + <i>Ceiba</i>		1	1
<b><i>Celtis + others</i></b>				
442	<i>Celtis ehrenbergiana</i>	2	4	6
443	<i>Celtis ehrenbergiana</i> + <i>Anadenanthera colubrina</i>		1	1
444	<i>Celtis ehrenbergiana</i> + <i>Geoffroea decorticans</i>		1	1
445	<i>Celtis ehrenbergiana</i> + <i>Mimozyanthus carinatus</i>		1	1
446	<i>Celtis ehrenbergiana</i> + <i>Parasenegalicia visco</i> + <i>Lithraea</i>		1	1
447	<i>Celtis ehrenbergiana</i> + <i>Prosopis affinis</i>	1	1	2
448	<i>Celtis ehrenbergiana</i> + <i>Prosopis alba</i>		2	2
449	<i>Celtis ehrenbergiana</i> + <i>Prosopis nigra</i>	1	4	5
450	<i>Celtis ehrenbergiana</i> + <i>Ruprechtia laxiflora</i> + <i>Berberis</i>	1		1
451	<i>Celtis ehrenbergiana</i> + <i>Sarcomphalus mistol</i>		1	1
452	<i>Celtis ehrenbergiana</i> + <i>Schinus fasciculatus</i>		1	1
453	<i>Celtis ehrenbergiana</i> + <i>Schinus longifolius</i>	1		1
454	<i>Celtis ehrenbergiana</i> + <i>Senegalicia praecox</i> + <i>Ruprechtia</i>		1	1
455	<i>Celtis ehrenbergiana</i> + <i>Sideroxylon</i>		1	1
456	<i>Celtis ehrenbergiana</i> + <i>Terminalia australis</i>	1		1
457	<i>Celtis ehrenbergiana</i> + <i>Vachellia aroma</i>		3	3
458	<i>Celtis ehrenbergiana</i> + <i>Vachellia aroma</i> + <i>Bougainvillea</i>		1	1
459	<i>Celtis ehrenbergiana</i> + <i>Vachellia caven</i>	1		1
460	<i>Celtis pallida</i>		1	1
<b><i>Cervantesiaceae + others</i></b>				
461	<i>Acanthosyris falcata</i>		2	2
462	<i>Acanthosyris falcata</i> + <i>Aspidosperma quebracho-</i>		1	1
463	<i>Acanthosyris falcata</i> + <i>Copernicia alba</i>		1	1
464	<i>Acanthosyris falcata</i> + <i>Cordia americana</i> + <i>Aspidosperma</i>		1	1
465	<i>Acanthosyris falcata</i> + <i>Prosopis kuntzei</i> + <i>Senegalicia</i>		1	1
466	<i>Acanthosyris falcata</i> + <i>Senegalicia praecox</i> + <i>Aspidosperma</i>		1	1
467	<i>Acanthosyris falcata</i> + <i>Tabebuia nodosa</i> + <i>Aspidosperma</i>		1	1
<b><i>Cordia + others</i></b>				
468	<i>Coccoloba tiliacea</i> + <i>Cordia americana</i> + <i>Diatenopteryx</i>		1	1
469	<i>Cordia americana</i>		1	1
470	<i>Cordia americana</i> + <i>Acanthosyris falcata</i> + <i>Aspidosperma</i>		1	1
471	<i>Cordia americana</i> + <i>Acanthosyris falcata</i> + <i>Libidibia</i>		1	1
472	<i>Cordia americana</i> + <i>Allophylus edulis</i> + <i>Luehea divaricata</i>		1	1
473	<i>Cordia americana</i> + <i>Anadenanthera colubrina</i>		2	2
474	<i>Cordia americana</i> + <i>Diatenopteryx sorbifolia</i> + <i>Muellera</i>		1	1
475	<i>Cordia americana</i> + <i>Enterolobium</i>		1	1
476	<i>Cordia americana</i> + <i>Eugenia uniflora</i>		1	1
477	<i>Cordia americana</i> + <i>Eugenia uniflora</i> + <i>Helietta</i>		1	1
478	<i>Cordia americana</i> + <i>Eugenia uniflora</i> + <i>Myracrodruon</i>		1	1
479	<i>Cordia americana</i> + <i>Ficus luschnathiana</i> + <i>Aspidosperma</i>		1	1
480	<i>Cordia americana</i> + <i>Gleditsia amorphoides</i>		1	1
481	<i>Cordia americana</i> + <i>Gleditsia amorphoides</i> + <i>Diplokeleba</i>		1	1
482	<i>Cordia americana</i> + <i>Gleditsia amorphoides</i> + <i>Enterolobium</i>		1	1
483	<i>Cordia americana</i> + <i>Gleditsia amorphoides</i> + <i>Erythrina</i>		1	1
484	<i>Cordia americana</i> + <i>Gleditsia amorphoides</i> + <i>Schinopsis</i>		1	1
485	<i>Cordia americana</i> + <i>Handroanthus</i>		1	1
486	<i>Cordia americana</i> + <i>Libidibia paraguariensis</i> + <i>Pisonia</i>		1	1
487	<i>Cordia americana</i> + <i>Libidibia paraguariensis</i> + <i>Pisonia</i>		1	1
488	<i>Cordia americana</i> + <i>Luehea divaricata</i>		1	1
489	<i>Cordia americana</i> + <i>Luehea divaricata</i> + <i>Nectandra</i>		1	1

490	<i>Cordia americana</i> + <i>Matayba elaeagnoides</i> + <i>Handroanthus</i>	1	1
491	<i>Cordia americana</i> + <i>Myrcianthes mato</i> + <i>Cupania vernalis</i>	1	1
492	<i>Cordia americana</i> + <i>Myrcianthes pungens</i> + <i>Ocotea puberula</i>	1	1
493	<i>Cordia americana</i> + <i>Myrcianthes pungens</i> + <i>Ruprechtia</i>	1	1
494	<i>Cordia americana</i> + <i>Nectandra</i>	1	1
495	<i>Cordia americana</i> + <i>Nectandra angustifolia</i> + <i>Chrysophyllum</i>	1	1
496	<i>Cordia americana</i> + <i>Nectandra angustifolia</i> + <i>Cupania</i>	1	1
497	<i>Cordia americana</i> + <i>Parapiptadenia rigida</i> + <i>Allophylus</i>	1	1
498	<i>Cordia americana</i> + <i>Phyllostylon rhamnoides</i>	1	1
499	<i>Cordia americana</i> + <i>Phyllostylon rhamnoides</i> + <i>Sideroxylon</i>	1	1
500	<i>Cordia americana</i> + <i>Phytolacca dioica</i>	1	1
501	<i>Cordia americana</i> + <i>Pisonia zapallo</i> + <i>Gleditsia</i>	1	1
502	<i>Cordia americana</i> + <i>Prunus brasiliensis</i>	1	1
503	<i>Cordia americana</i> + <i>Ruprechtia apetala</i> + <i>Aspidosperma</i>	1	1
504	<i>Cordia americana</i> + <i>Ruprechtia laxiflora</i> + <i>Enterolobium</i>	1	1
505	<i>Cordia americana</i> + <i>Schinopsis balansae</i>	1	1
506	<i>Cordia americana</i> + <i>Schinopsis balansae</i> + <i>Aspidosperma</i>	1	1
507	<i>Cordia americana</i> + <i>Schinopsis balansae</i> + <i>Gleditsia</i>	1	1
508	<i>Cordia americana</i> + <i>Schinopsis balansae</i> + <i>Prosopis nigra</i>	1	1
509	<i>Cordia americana</i> + <i>Senegalia praecox</i> + <i>Libidibia</i>	1	1
510	<i>Cordia americana</i> + <i>Senegalia praecox</i> + <i>Schinus longifolius</i>	1	1
511	<i>Cordia americana</i> + <i>Senegalia praecox</i> + <i>Sideroxylon</i>	1	1
512	<i>Cordia americana</i> + <i>Senegalia praecox</i> + <i>Trichilia</i>	1	1
513	<i>Cordia americana</i> + <i>Trema micrantha</i>	1	1
514	<i>Cordia americana</i> + <i>Trichilia catigua</i> + <i>Libidibia</i>	1	1
515	<i>Cordia trichotoma</i> + <i>Cordia americana</i> + <i>Ceiba</i>	1	1
516	<i>Cordia trichotoma</i> + <i>Parapiptadenia excelsa</i> + <i>Cedrela</i>	1	1
517	<i>Phytolacca dioica</i> + <i>Cordia americana</i> + <i>Helietta apiculata</i>	1	1
518	<i>Zanthoxylum rhoifolium</i> + <i>Pilocarpus pennatifolius</i> + <i>Cordia</i>	1	1
<i>Elaeocarpaceae + others</i>			
519	<i>Crinodendron tucumanum</i>	1	1
<i>Euphorbiaceae + others</i>			
520	<i>Alchornea triplinervia</i> + <i>Didymopanax morototoni</i> + <i>Pisonia</i>	1	1
521	<i>Croton piluliferus</i> + <i>Handroanthus lapacho</i> + <i>Ocotea</i>	1	1
522	<i>Croton piluliferus</i> + <i>Ocotea puberula</i>	1	1
523	<i>Croton urucurana</i>	1	1
524	<i>Croton urucurana</i> + <i>Inga uraguensis</i>	1	1
525	<i>Erythrina crista-galli</i> + <i>Sapium haematospermum</i>	1	1
526	<i>Inga uraguensis</i> + <i>Sapium haematospermum</i>	1	1
527	<i>Sapium glandulosum</i>	1	1
528	<i>Sapium glandulosum</i> + <i>Celtis chichape</i>	1	1
529	<i>Sapium haematospermum</i>	1	2
530	<i>Sapium haematospermum</i> + <i>Bougainvillea stipitata</i> + <i>Albizia</i>	1	1
531	<i>Sapium haematospermum</i> + <i>Copernicia alba</i>	1	1
532	<i>Sapium haematospermum</i> + <i>Enterolobium</i>	1	1
533	<i>Sapium haematospermum</i> + <i>Myrcianthes pungens</i> + <i>Gleditsia</i>	1	1
534	<i>Sapium haematospermum</i> + <i>Salix humboldtiana</i>	1	1
535	<i>Sapium haematospermum</i> + <i>Tabebuia nodosa</i>	1	1
536	<i>Sapium haematospermum</i> + <i>Vachellia caven</i>	2	2
537	<i>Sapium haematospermum</i> + <i>Vachellia caven</i> + <i>Chrysophyllum</i>	1	1
538	<i>Sapium haematospermum</i> + <i>Zanthoxylum coco</i>	1	1
539	<i>Schinus meyeri</i> + <i>Zanthoxylum coco</i>	1	1
540	<i>Scutia buxifolia</i> + <i>Chrysophyllum marginatum</i> + <i>Celtis</i>	1	1
541	<i>Scutia buxifolia</i> + <i>Gleditsia amorphoides</i> + <i>Zanthoxylum</i>	1	1
542	<i>Scutia buxifolia</i> + <i>Myrcianthes cisplatensis</i> + <i>Geoffroea</i>	1	1
543	<i>Sebastiania brasiliensis</i> + <i>Celtis ehrenbergiana</i>	1	1
544	<i>Sebastiania brasiliensis</i> + <i>Gleditsia amorphoides</i> + <i>Scutia</i>	2	2

545	<i>Sebastiania brasiliensis+Salix humboldtiana</i>		1	1
546	<i>Sebastiania brasiliensis+Sebastiania commersoniana</i>	1		1
547	<i>Sebastiania brasiliensis+Vachellia aroma</i>		1	1
548	<i>Sebastiania brasiliensis+Vachellia caven</i>	1		1
549	<i>Sebastiania commersoniana+Myrcianthes cisplatensis</i>	1		1
550	<i>Sebastiania commersoniana+Myrcianthes</i>	1		1
551	<i>Sebastiania commersoniana+Phyllostylon</i>		1	1
552	<i>Sideroxylon obtusifolium+Achatocarpus praecox+Scutia</i>	1		1
553	<i>Tetrorchidium rubrivenium+Didymopanax</i>		1	1
<b>Gonopterodendron sarmientoi + others</b>				
554	<i>Aspidosperma triternatum+Gonopterodendron sarmientoi</i>	1		1
555	<i>Aspidosperma triternatum+Gonopterodendron</i>		1	1
556	<i>Gonopterodendron bonariensis+Prosopis ruscifolia</i>		1	1
557	<i>Gonopterodendron sarmientoi</i>	2		2
558	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	6		6
559	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	1		1
560	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	3		3
561	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	1		1
562	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	1		1
563	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	3		3
564	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	2		2
565	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	1		1
566	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	1		1
567	<i>Gonopterodendron sarmientoi+Aspidosperma quebracho-</i>	1		1
568	<i>Gonopterodendron sarmientoi+Bougainvillea</i>		1	1
569	<i>Gonopterodendron sarmientoi+Bougainvillea</i>		1	1
570	<i>Gonopterodendron sarmientoi+Calycophyllum</i>		1	1
571	<i>Gonopterodendron sarmientoi+Chloroleucon</i>		1	1
572	<i>Gonopterodendron sarmientoi+Prosopis elata+Tabebuia</i>		1	1
573	<i>Gonopterodendron sarmientoi+Prosopis ruscifolia</i>	4		4
574	<i>Gonopterodendron sarmientoi+Prosopis</i>		1	1
575	<i>Gonopterodendron sarmientoi+Salta triflora</i>	5		5
576	<i>Gonopterodendron sarmientoi+Salta</i>	3		3
577	<i>Gonopterodendron sarmientoi+Salta</i>		1	1
578	<i>Gonopterodendron sarmientoi+Salta triflora+Bougainvillea</i>	2		2
579	<i>Gonopterodendron sarmientoi+Salta triflora+Ceiba</i>		1	1
580	<i>Gonopterodendron sarmientoi+Salta</i>		1	1
581	<i>Gonopterodendron sarmientoi+Salta</i>		1	1
582	<i>Gonopterodendron sarmientoi+Salta triflora+Schinopsis</i>		1	1
583	<i>Gonopterodendron sarmientoi+Salta triflora+Schinopsis</i>		1	1
584	<i>Gonopterodendron sarmientoi+Salta triflora+Tabebuia</i>		2	2
585	<i>Gonopterodendron sarmientoi+Sarcomphalus mistol</i>		3	3
586	<i>Gonopterodendron sarmientoi+Sarcomphalus</i>		1	1
587	<i>Gonopterodendron sarmientoi+Sarcomphalus</i>		1	1
588	<i>Gonopterodendron sarmientoi+Sarcomphalus</i>		1	1
589	<i>Gonopterodendron sarmientoi+Sarcomphalus mistol+Salta</i>		1	1
590	<i>Gonopterodendron sarmientoi+Sarcomphalus mistol+Salta</i>		1	1
591	<i>Gonopterodendron sarmientoi+Sarcomphalus mistol+Salta</i>		1	1
592	<i>Gonopterodendron sarmientoi+Sarcomphalus mistol+Salta</i>		1	1
593	<i>Gonopterodendron sarmientoi+Sarcomphalus</i>		1	1
594	<i>Gonopterodendron sarmientoi+Sarcomphalus</i>		1	1
595	<i>Gonopterodendron sarmientoi+Sarcomphalus</i>		1	1
596	<i>Gonopterodendron sarmientoi+Sarcotoxicum salicifolium</i>		1	1
597	<i>Gonopterodendron sarmientoi+Schinopsis</i>		1	1
598	<i>Gonopterodendron sarmientoi+Sideroxylon</i>		1	1
599	<i>Gonopterodendron sarmientoi+Sideroxylon</i>		1	1
600	<i>Gonopterodendron sarmientoi+Tabebuia nodosa</i>		4	4

601	<i>Gonopterodendron sarmientoi+Tabebuia</i>	3	3
602	<i>Gonopterodendron sarmientoi+Tabebuia nodosa+Ceiba</i>	1	1
603	<i>Gonopterodendron sarmientoi+Tabebuia nodosa+Prosopis</i>	1	1
604	<i>Gonopterodendron sarmientoi+Tabebuia nodosa+Salta</i>	1	1
605	<i>Gonopterodendron sarmientoi+Tabebuia</i>	1	1
606	<i>Gonopterodendron sarmientoi+Tabebuia</i>	1	1
607	<i>Gonopterodendron sarmientoi+Tabebuia nodosa+Ximenia</i>	1	1
<b><i>Helietta apiculata + others</i></b>			
608	<i>Helietta apiculata+Albizia niopoides+Prunus brasiliensis</i>	1	1
609	<i>Helietta apiculata+Annona neosalicifolia+Myrocarpus</i>	1	1
610	<i>Helietta apiculata+Cordia americana+Myrcianthes</i>	1	1
611	<i>Helietta apiculata+Luehea divaricata+Zanthoxylum</i>	1	1
612	<i>Helietta apiculata+Machaerium stipitatum+Diatenopteryx</i>	1	1
613	<i>Helietta apiculata+Nectandra angustifolia+Cupania</i>	1	1
<b><i>Lamiaceae + others</i></b>			
614	<i>Vitex megapotamica+Cordia americana+Muellera</i>	1	1
615	<i>Vitex megapotamica+Luehea divaricata</i>	1	1
616	<i>Vitex megapotamica+Muellera campestris+Apuleia</i>	1	1
617	<i>Vitex megapotamica+Prunus brasiliensis+Plinia rivularis</i>	1	1
<b><i>Lauraceae + others</i></b>			
618	<i>Balfourodendron riedelianum+Ateleia</i>	1	1
619	<i>Balfourodendron riedelianum+Campomanesia</i>	1	1
620	<i>Balfourodendron riedelianum+Holocalyx balansae+Prunus</i>	1	1
621	<i>Balfourodendron riedelianum+Nectandra</i>	1	1
622	<i>Eugenia burkartiana+Chrysophyllum</i>	1	1
623	<i>Myrcianthes pungens+Holocalyx balansae+Sideroxylon</i>	1	1
624	<i>Myrcianthes pungens+Luehea divaricata+Helietta</i>	1	1
625	<i>Nectandra angustifolia+Albizia inundata</i>	1	1
626	<i>Nectandra angustifolia+Bastardiodipsis densiflora</i>	1	1
627	<i>Nectandra angustifolia+Campomanesia</i>	1	1
628	<i>Nectandra angustifolia+Cedrela fissilis+Ocotea puberula</i>	1	1
629	<i>Nectandra angustifolia+Chrysophyllum</i>	1	1
630	<i>Nectandra angustifolia+Cordia americana+Maclura</i>	1	1
631	<i>Nectandra angustifolia+Cordia americana+Muellera</i>	1	1
632	<i>Nectandra angustifolia+Croton urucurana+Albizia</i>	1	1
633	<i>Nectandra angustifolia+Erythrina falcata+Allophylus</i>	1	1
634	<i>Nectandra angustifolia+Erythrina falcata+Ocotea</i>	1	1
635	<i>Nectandra angustifolia+Ficus luschnathiana+Cabralea</i>	1	1
636	<i>Nectandra angustifolia+Holocalyx balansae+Cordia</i>	1	1
637	<i>Nectandra angustifolia+Jacaratia spinosa+Pisonia zapallo</i>	1	1
638	<i>Nectandra angustifolia+Lonchocarpus</i>	1	1
639	<i>Nectandra angustifolia+Luehea divaricata+Jacaratia</i>	1	1
640	<i>Nectandra angustifolia+Luehea divaricata+Muellera</i>	1	1
641	<i>Nectandra angustifolia+Machaerium stipitatum+Pilocarpus</i>	1	1
642	<i>Nectandra angustifolia+Machaerium</i>	1	1
643	<i>Nectandra angustifolia+Muellera campestris+Cordia</i>	1	1
644	<i>Nectandra angustifolia+Muellera</i>	1	1
645	<i>Nectandra angustifolia+Muellera campestris+Ocotea</i>	1	1
646	<i>Nectandra angustifolia+Myrocarpus frondosus+Holocalyx</i>	1	1
647	<i>Nectandra angustifolia+Nectandra</i>	1	1
648	<i>Nectandra angustifolia+Ocotea puberula+Picrasma</i>	1	1
649	<i>Nectandra angustifolia+Parapiptadenia rigida+Luehea</i>	1	1
650	<i>Nectandra angustifolia+Parapiptadenia</i>	1	1
651	<i>Nectandra angustifolia+Phytolacca dioica</i>	1	1
652	<i>Nectandra angustifolia+Ruprechtia</i>	1	1
653	<i>Nectandra angustifolia+Syagrus</i>	1	1
654	<i>Nectandra angustifolia+Zanthoxylum</i>	1	1

655	<i>Nectandra cuspidata</i> + <i>Cedrela angustifolia</i> + <i>Myrsine</i>	1	1
656	<i>Nectandra lanceolata</i> + <i>Maclura tinctoria</i> + <i>Cabralea</i>	1	1
657	<i>Nectandra lanceolata</i> + <i>Nectandra angustifolia</i> + <i>Guarea</i>	1	1
658	<i>Nectandra lanceolata</i> + <i>Ocotea puberula</i> + <i>Schinus</i>	1	1
659	<i>Ocotea acutifolia</i> + <i>Inga affinis</i>	1	1
660	<i>Ocotea porphyria</i>	4	4
661	<i>Ocotea porphyria</i> + <i>Alnus acuminata</i> + <i>Cordia</i>	1	1
662	<i>Ocotea porphyria</i> + <i>Chrysophyllum marginatum</i>	1	1
663	<i>Ocotea porphyria</i> + <i>Cupania vernalis</i>	1	1
664	<i>Ocotea porphyria</i> + <i>Juglans australis</i> + <i>Erythroxylum</i>	1	1
665	<i>Ocotea porphyria</i> + <i>Myrcianthes pseudomato</i>	1	1
666	<i>Ocotea porphyria</i> + <i>Myrcianthes pungens</i>	1	1
667	<i>Ocotea porphyria</i> + <i>Parapiptadenia excelsa</i>	1	1
668	<i>Ocotea porphyria</i> + <i>Pisonia zapallo</i> + <i>Anadenanthera</i>	1	1
669	<i>Ocotea porphyria</i> + <i>Tessaria integrifolia</i> + <i>Pisonia zapallo</i>	1	1
670	<i>Ocotea porphyria</i> + <i>Zanthoxylum coco</i> + <i>Erythrina falcata</i>	1	1
671	<i>Ocotea puberula</i> + <i>Cedrela balansae</i> + <i>Piper tucumanum</i>	1	1
672	<i>Ocotea puberula</i> + <i>Cedrela fissilis</i>	1	1
673	<i>Ocotea puberula</i> + <i>Cupania vernalis</i> + <i>Urera caracasana</i>	1	1
674	<i>Ocotea puberula</i> + <i>Guazuma ulmifolia</i> + <i>Cordia americana</i>	1	1
675	<i>Ocotea puberula</i> + <i>Juglans australis</i> + <i>Anadenanthera</i>	1	1
676	<i>Ocotea puberula</i> + <i>Machaerium paraguariense</i>	1	1
677	<i>Ocotea puberula</i> + <i>Myrcianthes mato</i>	1	1
678	<i>Ocotea puberula</i> + <i>Myrcianthes pseudomato</i> + <i>Inga edulis</i>	1	1
679	<i>Ocotea puberula</i> + <i>Parapiptadenia excelsa</i> + <i>Croton</i>	1	1
680	<i>Pisonia zapallo</i> + <i>Ruprechtia laxiflora</i> + <i>Apuleia leiocarpa</i>	1	1
681	<i>Plinia rivularis</i> + <i>Parapiptadenia rigida</i> + <i>Helietta apiculata</i>	1	1
682	<i>Ruprechtia laxiflora</i>	1	1
683	<i>Ruprechtia laxiflora</i> + <i>Muellera campestris</i> + <i>Erythrina</i>	1	1
684	<i>Urera caracasana</i> + <i>Ocotea porphyria</i> + <i>Inga marginata</i>	1	1
<b><i>Luehea divaricata</i> + others</b>			
685	<i>Luehea divaricata</i> + <i>Ateleia glazioveana</i>	1	1
686	<i>Luehea divaricata</i> + <i>Gleditsia amorphoides</i> + <i>Helietta</i>	1	1
687	<i>Luehea divaricata</i> + <i>Nectandra angustifolia</i> + <i>Vitex</i>	1	1
688	<i>Luehea divaricata</i> + <i>Nectandra lanceolata</i> + <i>Phytolacca</i>	1	1
689	<i>Luehea divaricata</i> + <i>Parapiptadenia rigida</i> + <i>Holocalyx</i>	1	1
690	<i>Luehea divaricata</i> + <i>Prunus brasiliensis</i> + <i>Albizia</i>	1	1
691	<i>Luehea divaricata</i> + <i>Ruprechtia laxiflora</i> + <i>Balfourodendron</i>	1	1
692	<i>Luehea divaricata</i> + <i>Sebastiania commersoniana</i> + <i>Annona</i>	1	1
693	<i>Luehea divaricata</i> + <i>Sebastiania commersoniana</i> + <i>Vitex</i>	1	1
694	<i>Zanthoxylum rhoifolium</i> + <i>Ilex breviuspis</i> + <i>Luehea</i>	1	1
<b><i>Meliaceae</i> + others</b>			
695	<i>Cabralea canjerana</i> + <i>Machaerium</i>	1	1
696	<i>Cabralea canjerana</i> + <i>Tabernaemontana</i>	1	1
697	<i>Cedrela angustifolia</i> + <i>Juglans australis</i> + <i>Myrsine</i>	1	1
698	<i>Cedrela angustifolia</i> + <i>Parapiptadenia excelsa</i>	1	1
699	<i>Cedrela angustifolia</i> + <i>Piper tucumanum</i> + <i>Ateleia</i>	1	1
700	<i>Cedrela balansae</i>	1	1
701	<i>Cedrela balansae</i> + <i>Boehmeria caudata</i> + <i>Urera caracasana</i>	1	1
702	<i>Cedrela balansae</i> + <i>Cordia americana</i> + <i>Gleditsia</i>	1	1
703	<i>Cedrela balansae</i> + <i>Myrcianthes pseudomato</i>	1	1
704	<i>Cedrela balansae</i> + <i>Myrcianthes pungens</i> + <i>Blepharocalyx</i>	1	1
705	<i>Cedrela balansae</i> + <i>Ocotea puberula</i> + <i>Cordia americana</i>	1	1
706	<i>Cedrela balansae</i> + <i>Pisonia zapallo</i> + <i>Myracrodruon</i>	1	1
707	<i>Cedrela fissilis</i> + <i>Syagrus romanzoffiana</i> + <i>Balfourodendron</i>	1	1
708	<i>Cedrela saltensis</i> + <i>Cedrela angustifolia</i>	1	1
709	<i>Guarea kunthiana</i> + <i>Myrocarpus frondosus</i> + <i>Inga</i>	1	1

710	<i>Trichilia catigua</i> + <i>Syagrus romanzoffiana</i> + <i>Cedrela fissilis</i>	1	1
711	<i>Trichilia clausenii</i> + <i>Gleditsia</i>	1	1
<b>Mimosoideae + others</b>			
712	<i>Albizia inundata</i>	1	1
713	<i>Albizia inundata</i> + <i>Diplokeleba floribunda</i> + <i>Microlobius</i>	1	1
714	<i>Albizia inundata</i> + <i>Sapium haematospermum</i> + <i>Prosopis nigra</i>	1	1
715	<i>Anadenanthera colubrina</i>	2	10
716	<i>Anadenanthera colubrina</i> + <i>Athyana weinmanniifolia</i>	1	1
717	<i>Anadenanthera colubrina</i> + <i>Calycophyllum multiflorum</i>	2	2
718	<i>Anadenanthera colubrina</i> + <i>Carica quercifolia</i>	1	1
719	<i>Anadenanthera colubrina</i> + <i>Carica quercifolia</i> + <i>Tipuana</i>	1	1
720	<i>Anadenanthera colubrina</i> + <i>Cedrela balansae</i>	2	2
721	<i>Anadenanthera colubrina</i> + <i>Cedrela</i>	1	1
722	<i>Anadenanthera colubrina</i> + <i>Cedrela saltensis</i>	1	1
723	<i>Anadenanthera colubrina</i> + <i>Ceiba chodatii</i> + <i>Calycophyllum</i>	2	2
724	<i>Anadenanthera colubrina</i> + <i>Ceiba chodatii</i> + <i>Phyllostylon</i>	1	1
725	<i>Anadenanthera colubrina</i> + <i>Celtis ehrenbergiana</i>	1	1
726	<i>Anadenanthera colubrina</i> + <i>Cordia americana</i> + <i>Gleditsia</i>	1	1
727	<i>Anadenanthera colubrina</i> + <i>Cordia trichotoma</i> + <i>Myrcianthes</i>	1	1
728	<i>Anadenanthera colubrina</i> + <i>Coutarea hexandra</i>	1	1
729	<i>Anadenanthera colubrina</i> + <i>Enterolobium</i>	1	1
730	<i>Anadenanthera colubrina</i> + <i>Libidibia</i>	1	1
731	<i>Anadenanthera colubrina</i> + <i>Lonchocarpus lilloi</i> + <i>Ceiba</i>	1	1
732	<i>Anadenanthera colubrina</i> + <i>Lonchocarpus lilloi</i> + <i>Trichilia</i>	1	1
733	<i>Anadenanthera colubrina</i> + <i>Myracrodruon urundeuva</i>	1	1
734	<i>Anadenanthera colubrina</i> + <i>Myracrodruon</i>	1	1
735	<i>Anadenanthera colubrina</i> + <i>Myracrodruon</i>	1	1
736	<i>Anadenanthera colubrina</i> + <i>Ocotea puberula</i>	1	1
737	<i>Anadenanthera colubrina</i> + <i>Ocotea puberula</i> + <i>Diatenopteryx</i>	1	1
738	<i>Anadenanthera colubrina</i> + <i>Parapiptadenia excelsa</i>	3	2
739	<i>Anadenanthera colubrina</i> + <i>Phyllostylon rhamnoides</i>	2	2
740	<i>Anadenanthera colubrina</i> + <i>Phyllostylon</i>	1	1
741	<i>Anadenanthera colubrina</i> + <i>Phyllostylon</i>	1	1
742	<i>Anadenanthera colubrina</i> + <i>Pisonia zapallo</i> + <i>Phyllostylon</i>	1	1
743	<i>Anadenanthera colubrina</i> + <i>Pisonia zapallo</i> + <i>Phyllostylon</i>	1	1
744	<i>Anadenanthera colubrina</i> + <i>Pterogyne nitens</i>	1	1
745	<i>Anadenanthera colubrina</i> + <i>Rhamnus sphaerosperma</i>	1	1
746	<i>Anadenanthera colubrina</i> + <i>Ruprechtia apetala</i>	2	2
747	<i>Anadenanthera colubrina</i> + <i>Ruprechtia apetala</i> + <i>Schinopsis</i>	1	1
748	<i>Anadenanthera colubrina</i> + <i>Salta triflora</i> + <i>Sarcomphalus</i>	1	1
749	<i>Anadenanthera colubrina</i> + <i>Schinopsis lorentzii</i>	2	2
750	<i>Anadenanthera colubrina</i> + <i>Schinopsis lorentzii</i> + <i>Pisonia</i>	1	1
751	<i>Anadenanthera colubrina</i> + <i>Senegalia praecox</i> + <i>Ruprechtia</i>	1	1
752	<i>Anadenanthera colubrina</i> + <i>Solanum granulosum-leprosum</i>	1	1
753	<i>Anadenanthera colubrina</i> + <i>Terminalia triflora</i> + <i>Cordia</i>	1	1
754	<i>Anadenanthera colubrina</i> + <i>Tipuana tipu</i> + <i>Ceiba chodatii</i>	1	1
755	<i>Anadenanthera colubrina</i> + <i>Tipuana tipu</i> + <i>Ocotea</i>	1	1
756	<i>Bougainvillea campanulata</i> + <i>Vachellia caven</i>	1	1
757	<i>Casearia sylvestris</i> + <i>Enterolobium contortisiliquum</i>	1	1
758	<i>Ceiba chodatii</i> + <i>Anadenanthera colubrina</i> + <i>Parapiptadenia</i>	1	1
759	<i>Chloroleucon tenuiflorum</i> + <i>Myracrodruon urundeuva</i>	1	1
760	<i>Cochlospermum tetraporum</i> + <i>Anadenanthera colubrina</i>	1	1
761	<i>Enterolobium contortisiliquum</i>	3	3
762	<i>Enterolobium contortisiliquum</i> + <i>Annona neosalicifolia</i>	1	1
763	<i>Enterolobium contortisiliquum</i> + <i>Gleditsia amorphoides</i>	1	1
764	<i>Enterolobium contortisiliquum</i> + <i>Myracrodruon</i>	1	1
765	<i>Enterolobium contortisiliquum</i> + <i>Ocotea</i>	1	1

766	<i>Enterolobium contortisiliquum</i> + <i>Zanthoxylum</i>		1	1
767	<i>Gleditsia amorphoides</i> + <i>Celtis iguanaea</i> + <i>Libidibia</i>	1	1	
768	<i>Gleditsia amorphoides</i> + <i>Cordia americana</i>	2	2	
769	<i>Gleditsia amorphoides</i> + <i>Cordia americana</i> + <i>Handroanthus</i>	1	1	
770	<i>Gleditsia amorphoides</i> + <i>Cordia americana</i> + <i>Sideroxylon</i>	1	1	
771	<i>Gleditsia amorphoides</i> + <i>Diplokeleba</i>	1	1	
772	<i>Gleditsia amorphoides</i> + <i>Enterolobium</i>	1	1	
773	<i>Gleditsia amorphoides</i> + <i>Enterolobium</i>	1	1	
774	<i>Gleditsia amorphoides</i> + <i>Holocalyx</i>	1	1	
775	<i>Gleditsia amorphoides</i> + <i>Libidibia</i>	1	1	
776	<i>Gleditsia amorphoides</i> + <i>Myracrodruon</i>	1	1	
777	<i>Gleditsia amorphoides</i> + <i>Myrsine coriacea</i> + <i>Tipuana tipu</i>		1	1
778	<i>Gleditsia amorphoides</i> + <i>Phyllostylon rhamnoides</i> + <i>Pisonia</i>	1	1	
779	<i>Gleditsia amorphoides</i> + <i>Phyllostylon rhamnoides</i> + <i>Prosopis</i>	1	1	
780	<i>Gleditsia amorphoides</i> + <i>Pouteria glomerata</i> + <i>Nectandra</i>	1	1	
781	<i>Gleditsia amorphoides</i> + <i>Prosopis alba</i> + <i>Ruprechtia laxiflora</i>	1	1	
782	<i>Gleditsia amorphoides</i> + <i>Ruprechtia laxiflora</i>	1	1	
783	<i>Gleditsia amorphoides</i> + <i>Ruprechtia laxiflora</i> + <i>Phyllostylon</i>	1	1	
784	<i>Gleditsia amorphoides</i> + <i>Schinopsis balansae</i> + <i>Cordia</i>	1	1	
785	<i>Gleditsia amorphoides</i> + <i>Scutia buxifolia</i>	1	1	
786	<i>Gleditsia amorphoides</i> + <i>Senegalnia praecox</i> + <i>Aspidosperma</i>	1	1	
787	<i>Gleditsia amorphoides</i> + <i>Vachellia aroma</i> + <i>Phyllostylon</i>	1	1	
788	<i>Inga marginata</i> + <i>Luehea divaricata</i> + <i>Enterolobium</i>		1	1
789	<i>Inga saltensis</i> + <i>Ocotea puberula</i>		1	1
790	<i>Inga uraguensis</i>	1	1	2
791	<i>Lithraea molleoides</i> + <i>Enterolobium contortisiliquum</i>		1	1
792	<i>Microlobius foetidus</i> + <i>Copernicia alba</i> + <i>Phoradendron</i>		1	1
793	<i>Mimosa bimucronata</i>	1		1
794	<i>Mimozyganthus carinatus</i>	4		4
795	<i>Mimozyganthus carinatus</i> + <i>Aspidosperma quebracho-blanco</i>	1		1
796	<i>Mimozyganthus carinatus</i> + <i>Aspidosperma quebracho-</i>	1		1
797	<i>Mimozyganthus carinatus</i> + <i>Prosopis flexuosa</i>	1		1
798	<i>Mimozyganthus carinatus</i> + <i>Salta triflora</i>	1		1
799	<i>Mimozyganthus carinatus</i> + <i>Sarcomphalus mistol</i>	1		1
800	<i>Mimozyganthus carinatus</i> + <i>Sarcomphalus</i>	2		2
801	<i>Mimozyganthus carinatus</i> + <i>Sarcomphalus</i>	1		1
802	<i>Mimozyganthus carinatus</i> + <i>Tabebuia nodosa</i>	1		1
803	<i>Myroxylon peruferum</i> + <i>Anadenanthera colubrina</i>		1	1
804	<i>Parapiptadenia excelsa</i>	1	2	3
805	<i>Parapiptadenia excelsa</i> + <i>Anadenanthera colubrina</i>	1	2	3
806	<i>Parapiptadenia excelsa</i> + <i>Anadenanthera colubrina</i> + <i>Cordia</i>		1	1
807	<i>Parapiptadenia excelsa</i> + <i>Anadenanthera</i>		1	1
808	<i>Parapiptadenia excelsa</i> + <i>Anadenanthera colubrina</i> + <i>Pisonia</i>		1	1
809	<i>Parapiptadenia excelsa</i> + <i>Anadenanthera</i>		1	1
810	<i>Parapiptadenia excelsa</i> + <i>Blepharocalyx</i>	1		1
811	<i>Parapiptadenia excelsa</i> + <i>Enterolobium</i>		1	1
812	<i>Parapiptadenia excelsa</i> + <i>Gleditsia amorphoides</i>		1	1
813	<i>Parapiptadenia excelsa</i> + <i>Myrcianthes cisplatensis</i>	1		1
814	<i>Parapiptadenia excelsa</i> + <i>Myrcianthes mato</i> + <i>Ceiba chodatii</i>		1	1
815	<i>Parapiptadenia excelsa</i> + <i>Myrcianthes pungens</i>		1	1
816	<i>Parapiptadenia excelsa</i> + <i>Myrcianthes pungens</i> + <i>Schinopsis</i>		1	1
817	<i>Parapiptadenia excelsa</i> + <i>Myroxylon</i>		1	1
818	<i>Parapiptadenia excelsa</i> + <i>Pisonia zapallo</i> + <i>Ruprechtia</i>		1	1
819	<i>Parapiptadenia excelsa</i> + <i>Ruprechtia apetala</i> + <i>Celtis</i>	1		1
820	<i>Parapiptadenia excelsa</i> + <i>Schinopsis lorentzii</i>		1	1
821	<i>Parapiptadenia excelsa</i> + <i>Tipuana tipu</i>		1	1
822	<i>Parapiptadenia rigida</i> + <i>Machaerium stipitatum</i> + <i>Gleditsia</i>	1		1

823	<i>Parapiptadenia rigida</i> + <i>Nectandra angustifolia</i> + <i>Muellera</i>		1	1
824	<i>Parasenegalnia visco</i>	1		1
825	<i>Parasenegalnia visco</i> + <i>Libidibia paraguariensis</i> + <i>Celtis</i>	1		1
826	<i>Rauvolfia schuelii</i> + <i>Bougainvillea stipitata</i> + <i>Anadenanthera</i>		1	1
827	<i>Ruprechtia apetala</i> + <i>Senegalnia praecox</i> + <i>Celtis</i>	1		1
828	<i>Ruprechtia laxiflora</i> + <i>Anadenanthera</i>		1	1
829	<i>Sebastiania commersoniana</i> + <i>Vachellia caven</i>	1		1
830	<i>Senegalnia fiebrigii</i> + <i>Tabebuia nodosa</i> + <i>Aspidosperma</i>	1		1
831	<i>Senegalnia gilliesii</i>	1		1
832	<i>Senegalnia gilliesii</i> + <i>Aspidosperma quebracho-blanco</i>	1		1
833	<i>Senegalnia gilliesii</i> + <i>Aspidosperma quebracho-</i>	1		1
834	<i>Senegalnia gilliesii</i> + <i>Parkinsonia praecox</i>	2		2
835	<i>Senegalnia gilliesii</i> + <i>Prosopis nigra</i>	1		1
836	<i>Senegalnia gilliesii</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>	1		1
837	<i>Senegalnia gilliesii</i> + <i>Senegalnia praecox</i>	1		1
838	<i>Senegalnia gilliesii</i> + <i>Vachellia caven</i> + <i>Ruprechtia</i>	1		1
839	<i>Senegalnia praecox</i>	1		1
840	<i>Senegalnia praecox</i> + <i>Achatocarpus praecox</i>	1		1
841	<i>Senegalnia praecox</i> + <i>Achatocarpus praecox</i> + <i>Cordia</i>	1		1
842	<i>Senegalnia praecox</i> + <i>Aspidosperma quebracho-blanco</i>	4		4
843	<i>Senegalnia praecox</i> + <i>Aspidosperma quebracho-</i>	1		1
844	<i>Senegalnia praecox</i> + <i>Aspidosperma quebracho-</i>	1		1
845	<i>Senegalnia praecox</i> + <i>Aspidosperma quebracho-</i>	2		2
846	<i>Senegalnia praecox</i> + <i>Aspidosperma quebracho-</i>	1		1
847	<i>Senegalnia praecox</i> + <i>Celtis chichape</i> + <i>Sarcomphalus mistol</i>	1		1
848	<i>Senegalnia praecox</i> + <i>Celtis ehrenbergiana</i>	1		1
849	<i>Senegalnia praecox</i> + <i>Celtis iguanaea</i>	1		1
850	<i>Senegalnia praecox</i> + <i>Cordia americana</i>	1		1
851	<i>Senegalnia praecox</i> + <i>Cordia americana</i> + <i>Prosopis kuntzei</i>	1		1
852	<i>Senegalnia praecox</i> + <i>Cordia americana</i> + <i>Schinopsis balansae</i>	1		1
853	<i>Senegalnia praecox</i> + <i>Cordia americana</i> + <i>Sideroxylon</i>	1		1
854	<i>Senegalnia praecox</i> + <i>Cordia americana</i> + <i>Sideroxylon</i>	1		1
855	<i>Senegalnia praecox</i> + <i>Eugenia uniflora</i> + <i>Cordia</i>	1		1
856	<i>Senegalnia praecox</i> + <i>Geoffroea decorticans</i>	1		1
857	<i>Senegalnia praecox</i> + <i>Gleditsia amorphoides</i> + <i>Libidibia</i>	1		1
858	<i>Senegalnia praecox</i> + <i>Libidibia paraguariensis</i>	1		1
859	<i>Senegalnia praecox</i> + <i>Libidibia</i>	1		1
860	<i>Senegalnia praecox</i> + <i>Pisonia zapallo</i> + <i>Libidibia</i>	1		1
861	<i>Senegalnia praecox</i> + <i>Prosopis alba</i>	2		2
862	<i>Senegalnia praecox</i> + <i>Prosopis alba</i> + <i>Ruprechtia</i>	1		1
863	<i>Senegalnia praecox</i> + <i>Prosopis kuntzei</i>	2		2
864	<i>Senegalnia praecox</i> + <i>Prosopis kuntzei</i> + <i>Aspidosperma</i>	2		2
865	<i>Senegalnia praecox</i> + <i>Prosopis kuntzei</i> + <i>Schinopsis lorentzii</i>	1		1
866	<i>Senegalnia praecox</i> + <i>Prosopis nigra</i>	2		2
867	<i>Senegalnia praecox</i> + <i>Prosopis nigra</i> + <i>Aspidosperma</i>	1		1
868	<i>Senegalnia praecox</i> + <i>Prosopis nigra</i> + <i>Schinopsis</i>	1		1
869	<i>Senegalnia praecox</i> + <i>Ruprechtia apetala</i>		1	1
870	<i>Senegalnia praecox</i> + <i>Ruprechtia laxiflora</i> + <i>Aspidosperma</i>	1		1
871	<i>Senegalnia praecox</i> + <i>Ruprechtia laxiflora</i> + <i>Sarcomphalus</i>	1		1
872	<i>Senegalnia praecox</i> + <i>Ruprechtia laxiflora</i> + <i>Schinus</i>	1		1
873	<i>Senegalnia praecox</i> + <i>Salta triflora</i>	1		1
874	<i>Senegalnia praecox</i> + <i>Sarcomphalus mistol</i>	1		1
875	<i>Senegalnia praecox</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>	1		1
876	<i>Senegalnia praecox</i> + <i>Sarcomphalus mistol</i> + <i>Prosopis kuntzei</i>	1		1
877	<i>Senegalnia praecox</i> + <i>Sarcomphalus mistol</i> + <i>Schinus</i>	1		1
878	<i>Senegalnia praecox</i> + <i>Schinopsis balansae</i>	3		3
879	<i>Senegalnia praecox</i> + <i>Schinopsis balansae</i> + <i>Prosopis nigra</i>	1		1

880	<i>Senegalia praecox</i> + <i>Schinopsis lorentzii</i> + <i>Aspidosperma</i>		2	2
881	<i>Senegalia praecox</i> + <i>Schinopsis lorentzii</i> + <i>Jodina rhombifolia</i>		1	1
882	<i>Senegalia praecox</i> + <i>Schinus fasciculatus</i> + <i>Prosopis</i>		1	1
883	<i>Senegalia praecox</i> + <i>Schinus longifolius</i>		1	1
884	<i>Senegalia praecox</i> + <i>Sideroxylon obtusifolium</i> + <i>Diplokeleba</i>		1	1
885	<i>Senegalia praecox</i> + <i>Tabebuia nodosa</i>		1	1
886	<i>Senegalia praecox</i> + <i>Trithrinax campestris</i> + <i>Maytenus vitis-</i>		1	1
887	<i>Senegalia praecox</i> + <i>Vachellia aroma</i>		1	1
888	<i>Tabernaemontana catharinensis</i> + <i>Enterolobium</i>		1	1
889	<i>Vachellia caven</i> + <i>Prosopis</i>	1		1
890	<i>Vachellia caven</i> + <i>Geoffroea decorticans</i>	2		2
891	<i>Vachellia caven</i> + <i>Ruprechtia laxiflora</i>	1		1
892	<i>Vachellia albicorticata</i>		1	1
893	<i>Vachellia aroma</i>		3	2
894	<i>Vachellia aroma</i> + <i>Celtis ehrenbergiana</i> + <i>Sarcomphalus</i>		1	1
895	<i>Vachellia aroma</i> + <i>Geoffroea decorticans</i>		1	1
896	<i>Vachellia aroma</i> + <i>Parkinsonia praecox</i> + <i>Sarcomphalus</i>		1	1
897	<i>Vachellia aroma</i> + <i>Prosopis kuntzei</i>		1	1
898	<i>Vachellia aroma</i> + <i>Prosopis nigra</i>		1	1
899	<i>Vachellia aroma</i> + <i>Prosopis nigra</i> + <i>Schinopsis lorentzii</i>		1	1
900	<i>Vachellia aroma</i> + <i>Sarcomphalus mistol</i>		2	2
901	<i>Vachellia aroma</i> + <i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i>		2	2
902	<i>Vachellia aroma</i> + <i>Sarcomphalus mistol</i> + <i>Pterogyne nitens</i>		1	1
903	<i>Vachellia aroma</i> + <i>Scutia buxifolia</i>		1	1
904	<i>Vachellia aroma</i> + <i>Senegalia gilliesii</i> + <i>Aspidosperma</i>		1	1
905	<i>Vachellia aroma</i> + <i>Vachellia caven</i>		1	1
906	<i>Vachellia astringens</i>		1	1
907	<i>Vachellia astringens</i> + <i>Aspidosperma quebracho-</i>		1	1
908	<i>Vachellia astringens</i> + <i>Cordia saccelia</i>			1
909	<i>Vachellia astringens</i> + <i>Prosopis alba</i> + <i>Vachellia aroma</i>		1	1
910	<i>Vachellia caven</i>	1	14	9
911	<i>Vachellia caven</i> + <i>Aspidosperma quebracho-blanco</i>		2	2
912	<i>Vachellia caven</i> + <i>Celtis ehrenbergiana</i>	2		2
913	<i>Vachellia caven</i> + <i>Celtis ehrenbergiana</i> + <i>Condalia buxifolia</i>		1	1
914	<i>Vachellia caven</i> + <i>Celtis ehrenbergiana</i> + <i>Prosopis flexuosa</i>		1	1
915	<i>Vachellia caven</i> + <i>Condalia microphylla</i>		1	1
916	<i>Vachellia caven</i> + <i>Geoffroea decorticans</i>	2		2
917	<i>Vachellia caven</i> + <i>Lithraea molleoides</i>		3	3
918	<i>Vachellia caven</i> + <i>Myrcianthes cisplatensis</i>	1		1
919	<i>Vachellia caven</i> + <i>Myrcianthes cisplatensis</i> + <i>Scutia buxifolia</i>	1		1
920	<i>Vachellia caven</i> + <i>Prosopis affinis</i>	5		5
921	<i>Vachellia caven</i> + <i>Prosopis affinis</i> + <i>Prosopis nigra</i>	1		1
922	<i>Vachellia caven</i> + <i>Prosopis nigra</i>	1		1
923	<i>Vachellia caven</i> + <i>Prosopis nigra</i> + <i>Geoffroea decorticans</i>	1		1
924	<i>Vachellia caven</i> + <i>Prosopis nigra</i> + <i>Schinus</i>	1		1
925	<i>Vachellia caven</i> + <i>Sapium haematospermum</i>	1		1
926	<i>Vachellia caven</i> + <i>Sarcomphalus mistol</i> + <i>Pterogyne</i>		1	1
927	<i>Vachellia caven</i> + <i>Schinus gracilipes</i>		1	1
928	<i>Vachellia caven</i> + <i>Schinus longifolius</i>	1		1
929	<i>Vachellia caven</i> + <i>Schinus longifolius</i> + <i>Myrcianthes</i>	1		1
930	<i>Vachellia caven</i> + <i>Tabebuia nodosa</i>		2	2
931	<i>Vachellia caven</i> + <i>Zanthoxylum petiolare</i> + <i>Schinus</i>		1	1
932	<i>Vallesia glabra</i> + <i>Prosopis alba</i>		1	1
	<b>Moraceae + others</b>			
933	<i>Ficus luschnathiana</i> + <i>Nectandra angustifolia</i> + <i>Luehea</i>		1	1
934	<i>Ficus luschnathiana</i> + <i>Ruprechtia laxiflora</i> + <i>Myrcianthes</i>		1	1
935	<i>Ficus luschnathiana</i> + <i>Schinopsis balansae</i> + <i>Achatocarpus</i>		1	1

936	<i>Ficus maroma</i> + <i>Terminalia triflora</i> + <i>Cedrela</i>	1	1
937	<i>Ficus maroma</i> + <i>Tipuana tipu</i> + <i>Cordia trichotoma</i>	1	1
938	<i>Maclura tinctoria</i>	1	1
939	<i>Maclura tinctoria</i> + <i>Handroanthus</i>	1	1
940	<i>Maclura tinctoria</i> + <i>Pisonia zapallo</i> + <i>Prosopis alba</i>	1	1
941	<i>Maclura tinctoria</i> + <i>Sideroxylon obtusifolium</i> + <i>Diplokeleba</i>	1	1
942	<i>Morus insignis</i>	1	1
943	<i>Morus insignis</i> + <i>Solanum riparium</i>	1	1
<b>Myrtaceae + others</b>			
944	<i>Blepharocalyx salicifolius</i> + <i>Allophylus edulis</i>	2	2
945	<i>Blepharocalyx salicifolius</i> + <i>Myrcianthes mato</i>	1	1
946	<i>Blepharocalyx salicifolius</i> + <i>Parapiptadenia</i>	1	1
947	<i>Boehmeria caudata</i> + <i>Pisonia zapallo</i> + <i>Ocotea puberula</i>	1	1
948	<i>Condalia buxifolia</i> + <i>Blepharocalyx salicifolius</i>	1	1
949	<i>Eugenia mattosii</i> + <i>Blepharocalyx salicifolius</i>	1	1
950	<i>Eugenia myrcianthes</i> + <i>Handroanthus heptaphyllum</i> + <i>Sorocea</i>	1	1
951	<i>Eugenia myrcianthes</i> + <i>Sebastiania commersoniana</i>	1	1
952	<i>Eugenia speciosa</i> + <i>Ruprechtia laxiflora</i> + <i>Guazuma</i>	1	1
953	<i>Eugenia uniflora</i> + <i>Condalia buxifolia</i>	1	1
954	<i>Eugenia uniflora</i> + <i>Ruprechtia laxiflora</i> + <i>Cordia americana</i>	1	1
955	<i>Eugenia uniflora</i> + <i>Schinopsis balansae</i> + <i>Myrcianthes</i>	1	1
956	<i>Gomidesia barituensis</i> + <i>Ilex argentina</i> + <i>Siphoneugena</i>	1	1
957	<i>Ilex argentina</i> + <i>Myrcianthes mato</i> + <i>Juglans</i>	1	1
958	<i>Juglans australis</i> + <i>Allophylus edulis</i>	1	1
959	<i>Juglans australis</i> + <i>Cedrela angustifolia</i>	1	1
960	<i>Juglans australis</i> + <i>Handroanthus lapacho</i>	1	1
961	<i>Juglans australis</i> + <i>Ilex argentina</i> + <i>Podocarpus</i>	1	1
962	<i>Juglans australis</i> + <i>Juglans regia</i>	1	1
963	<i>Juglans australis</i> + <i>Myrcianthes cisplatensis</i> + <i>Blepharocalyx</i>	1	1
964	<i>Juglans australis</i> + <i>Myrcianthes pungens</i> + <i>Podocarpus</i>	1	1
965	<i>Juglans australis</i> + <i>Myroxylon peruferum</i> + <i>Podocarpus</i>	1	1
966	<i>Myrcianthes cisplatensis</i>	1	1
967	<i>Myrcianthes cisplatensis</i> + <i>Phyllostylon</i>	1	1
968	<i>Myrcianthes cisplatensis</i> + <i>Prosopis affinis</i>	1	1
969	<i>Myrcianthes cisplatensis</i> + <i>Prosopis nigra</i>	2	1
970	<i>Myrcianthes cisplatensis</i> + <i>Prosopis nigra</i> + <i>Sideroxylon</i>	1	1
971	<i>Myrcianthes cisplatensis</i> + <i>Ruprechtia laxiflora</i> + <i>Nectandra</i>	1	1
972	<i>Myrcianthes cisplatensis</i> + <i>Sebastiania commersoniana</i>	1	1
973	<i>Myrcianthes cisplatensis</i> + <i>Senegalia praecox</i> + <i>Tabebuia</i>	1	1
974	<i>Myrcianthes cisplatensis</i> + <i>Vachellia caven</i> + <i>Celtis</i>	1	1
975	<i>Myrcianthes cisplatensis</i> + <i>Zanthoxylum fagara</i>	1	1
976	<i>Myrcianthes mato</i> + <i>Celtis iguanaea</i> + <i>Handroanthus</i>	1	1
977	<i>Myrcianthes pungens</i>	1	1
978	<i>Myrcianthes pungens</i> + <i>Anadenanthera colubrina</i>	1	1
979	<i>Myrcianthes pungens</i> + <i>Citharexylum</i>	1	1
980	<i>Myrcianthes pungens</i> + <i>Cupania vernalis</i> + <i>Diatenopteryx</i>	1	1
981	<i>Myrcianthes pungens</i> + <i>Juglans australis</i> + <i>Podocarpus</i>	1	1
982	<i>Myrcianthes pungens</i> + <i>Ocotea porphyria</i> + <i>Gleditsia</i>	1	1
983	<i>Myrcianthes pungens</i> + <i>Ocotea puberula</i>	1	1
984	<i>Myrcianthes pungens</i> + <i>Ruprechtia laxiflora</i> + <i>Urera</i>	1	1
985	<i>Myrcianthes pungens</i> + <i>Scutia buxifolia</i>	1	1
986	<i>Myrcianthes pungens</i> + <i>Scutia buxifolia</i> + <i>Ceiba chodatii</i>	1	1
987	<i>Myrsine laetevirens</i> + <i>Parapiptadenia excelsa</i> + <i>Juglans</i>	1	1
988	<i>Phytolacca dioica</i> + <i>Eugenia uniflora</i>	1	1
989	<i>Pouteria salicifolia</i> + <i>Eugenia myrcianthes</i>	1	1
990	<i>Rhamnus sphaerosperma</i> + <i>Cedrela</i>	1	1
991	<i>Rhamnus sphaerosperma</i> + <i>Ocotea</i>	1	1

992	<i>Ruprechtia laxiflora</i> + <i>Blepharocalyx salicifolius</i> + <i>Vassobia</i>		1	1
993	<i>Scutia buxifolia</i>		1	1
994	<i>Scutia buxifolia</i> + <i>Anadenanthera colubrina</i>		1	1
995	<i>Scutia buxifolia</i> + <i>Myrcianthes cisplatensis</i> + <i>Prosopis affinis</i>	1		1
996	<i>Scutia buxifolia</i> + <i>Myrcianthes cisplatensis</i> + <i>Prosopis nigra</i>	1		1
997	<i>Siphoneugena occidentalis</i> + <i>Cedrela angustifolia</i> + <i>Luehea</i>			1
998	<i>Sorocea sprucei</i> + <i>Myrsine laetevirens</i> + <i>Myrcianthes</i>		1	1
999	<i>Urera baccifera</i> + <i>Handroanthus</i>			1
1000	<i>Zanthoxylum rhoifolium</i> + <i>Phytolacca dioica</i> + <i>Myrsine</i>	1		1
<b><i>Nothofagus antarctica + others</i></b>				
1001	<i>Araucaria araucana</i>	1		1
1002	<i>Maytenus boaria</i> + <i>Lomatia hirsuta</i>	1		1
1003	<i>Nothofagus alpina</i>	1		1
1004	<i>Nothofagus antarctica</i>	46		46
1005	<i>Nothofagus antarctica</i> + <i>Araucaria araucana</i>	1		1
1006	<i>Nothofagus antarctica</i> + <i>Austrocedrus chilensis</i>	1		1
1007	<i>Nothofagus antarctica</i> + <i>Embothrium coccineum</i>	1		1
1008	<i>Nothofagus antarctica</i> + <i>Lomatia hirsuta</i>	2		2
<b><i>Nothofagus betuloides + others</i></b>				
1009	<i>Nothofagus betuloides</i>	8		8
1010	<i>Nothofagus betuloides</i> + <i>Nothofagus pumilio</i>	2		2
<b><i>Nothofagus dombeyi + others</i></b>				
1011	<i>Lomatia hirsuta</i>	2		2
1012	<i>Nothofagus alpina</i> + <i>Nothofagus dombeyi</i>	1		1
1013	<i>Nothofagus dombeyi</i>	16		16
1014	<i>Nothofagus dombeyi</i> + <i>Austrocedrus chilensis</i>	2		2
1015	<i>Nothofagus dombeyi</i> + <i>Lomatia hirsuta</i>	1		1
1016	<i>Nothofagus dombeyi</i> + <i>Maytenus boaria</i> + <i>Lomatia hirsuta</i>	1		1
1017	<i>Nothofagus dombeyi</i> + <i>Nothofagus pumilio</i>	1		1
<b><i>Nothofagus pumilio + others</i></b>				
1018	<i>Araucaria araucana</i> + <i>Nothofagus pumilio</i>	1		1
1019	<i>Nothofagus alpina</i> + <i>Nothofagus pumilio</i>	1		1
1020	<i>Nothofagus pumilio</i>	129		129
1021	<i>Nothofagus pumilio</i> + <i>Araucaria araucana</i>	2		2
1022	<i>Nothofagus pumilio</i> + <i>Nothofagus antarctica</i>	2		2
<b><i>Palmera + others</i></b>				
1023	<i>Butia yatay</i>		1	1
1024	<i>Casearia sylvestris</i> + <i>Syagrus romanzoffiana</i> + <i>Machaerium</i>		1	1
1025	<i>Copernicia alba</i>	2	50	52
1026	<i>Copernicia alba</i> + <i>Aspidosperma quebracho-</i>		1	1
1027	<i>Copernicia alba</i> + <i>Celtis ehrenbergiana</i>		1	1
1028	<i>Copernicia alba</i> + <i>Chrysophyllum marginatum</i> + <i>Gleditsia</i>		1	1
1029	<i>Copernicia alba</i> + <i>Cynophalla retusa</i> + <i>Prosopis ruscifolia</i>		1	1
1030	<i>Copernicia alba</i> + <i>Diplokeleba floribunda</i> + <i>Schinopsis</i>		1	1
1031	<i>Copernicia alba</i> + <i>Enterolobium contortisiliquum</i>		1	1
1032	<i>Copernicia alba</i> + <i>Prosopis affinis</i>		1	1
1033	<i>Copernicia alba</i> + <i>Prosopis affinis</i> + <i>Prosopis nigra</i>		1	1
1034	<i>Copernicia alba</i> + <i>Prosopis alba</i> + <i>Tabebuia nodosa</i>		1	1
1035	<i>Copernicia alba</i> + <i>Prosopis nigra</i>		7	7
1036	<i>Copernicia alba</i> + <i>Prosopis nigra</i> + <i>Schinopsis balansae</i>		1	1
1037	<i>Copernicia alba</i> + <i>Prosopis nigra</i> + <i>Sideroxylon obtusifolium</i>		1	1
1038	<i>Copernicia alba</i> + <i>Prosopis nigra</i> + <i>Tabebuia nodosa</i>		1	1
1039	<i>Copernicia alba</i> + <i>Prosopis ruscifolia</i>		1	1
1040	<i>Copernicia alba</i> + <i>Prosopis ruscifolia</i> + <i>Cynophalla retusa</i>		1	1
1041	<i>Copernicia alba</i> + <i>Sarcomphalus mistol</i> + <i>Cynophalla retusa</i>		1	1
1042	<i>Copernicia alba</i> + <i>Tabebuia nodosa</i>		6	6
1043	<i>Copernicia alba</i> + <i>Tabebuia nodosa</i> + <i>Prosopis nigra</i>		1	1

1044	<i>Copernicia alba</i> + <i>Tabebuia nodosa</i> + <i>Sarcomphalus mistol</i>	1	1
1045	<i>Copernicia alba</i> + <i>Tabebuia nodosa</i> + <i>Trithrinax schizophylla</i>	1	1
1046	<i>Euterpe edulis</i> + <i>Peltophorum dubium</i> + <i>Jacaratia spinosa</i>	1	1
1047	<i>Syagrus romanzoffiana</i> + <i>Diatenopteryx</i>	1	1
1048	<i>Syagrus romanzoffiana</i> + <i>Myrcianthes</i>	1	1
1049	<i>Trithrinax campestris</i> + <i>Geoffroea decorticans</i>	1	1
1050	<i>Trithrinax campestris</i> + <i>Prosopis affinis</i>	1	1
1051	<i>Trithrinax campestris</i> + <i>Prosopis affinis</i> + <i>Aspidosperma</i>	1	1
1052	<i>Trithrinax campestris</i> + <i>Prosopis kuntzei</i> + <i>Sarcomphalus</i>	1	1
1053	<i>Trithrinax campestris</i> + <i>Prosopis nigra</i>	4	4
1054	<i>Trithrinax campestris</i> + <i>Senegalnia praecox</i> + <i>Aspidosperma</i>	1	1
1055	<i>Trithrinax campestris</i> + <i>Senegalnia praecox</i> + <i>Schinopsis</i>	1	1
1056	<i>Trithrinax campestris</i> + <i>Sideroxylon obtusifolium</i>	1	1
1057	<i>Trithrinax campestris</i> + <i>Vachellia caven</i>	1	1
1058	<i>Trithrinax campestris</i> + <i>Vachellia caven</i> + <i>Prosopis nigra</i>	1	1
1059	<i>Trithrinax schizophylla</i> var. <i>biflabbata</i>	1	1
1060	<i>Trithrinax schizophylla</i> var. <i>biflabbata</i> + <i>Salta</i>	1	1
1061	<i>Trithrinax schizophylla</i> var. <i>biflabbata</i> + <i>Sarcomphalus</i>	1	1
1062	<i>Trithrinax schizophylla</i> var. <i>biflabbata</i> + <i>Sarcomphalus</i>	1	1
1063	<i>Trithrinax schizophylla</i> var. <i>biflabbata</i> + <i>Schinopsis</i>	1	1
1064	<i>Trithrinax schizophylla</i> var. <i>schizophylla</i> + <i>Prosopis nigra</i>	1	1
1065	<i>Trithrinax schizophylla</i> var. <i>schizophylla</i> + <i>Sarcomphalus</i>	1	1
1066	<i>Trithrinax schizophylla</i> var. <i>schizophylla</i> + <i>Sarcomphalus</i>	1	1
1067	<i>Trithrinax schizophylla</i> var. <i>schizophylla</i> + <i>Sarcomphalus</i>	1	1
<b><i>Papilioideae + others</i></b>			
1068	<i>Aspidosperma polyneuron</i> + <i>Muellera</i>	1	1
1069	<i>Ateleia glazioviana</i>	1	1
1070	<i>Ateleia glazioviana</i> + <i>Bougainvillea stipitata</i> + <i>Achatocarpus</i>	1	1
1071	<i>Ateleia glazioviana</i> + <i>Ocotea puberula</i> + <i>Casearia decandra</i>	1	1
1072	<i>Erythrina falcata</i> + <i>Enterolobium contortisiliquum</i> + <i>Matayba</i>	1	1
1073	<i>Erythrina falcata</i> + <i>Muellera campestris</i>	1	1
1074	<i>Machaerium stipitatum</i> + <i>Bastardiodipsis</i>	1	1
1075	<i>Machaerium stipitatum</i> + <i>Citronella paniculata</i> + <i>Gleditsia</i>	1	1
1076	<i>Machaerium stipitatum</i> + <i>Nectandra angustifolia</i> + <i>Muellera</i>	1	1
1077	<i>Machaerium stipitatum</i> + <i>Nectandra angustifolia</i> + <i>Muellera</i>	1	1
1078	<i>Muellera campestris</i> + <i>Apuleia leiocarpa</i> + <i>Plinia rivularis</i>	1	1
1079	<i>Muellera campestris</i> + <i>Cordia americana</i> + <i>Luehea divaricata</i>	1	1
1080	<i>Muellera campestris</i> + <i>Luehea divaricata</i> + <i>Nectandra</i>	1	1
1081	<i>Muellera campestris</i> + <i>Nectandra angustifolia</i> + <i>Prunus</i>	1	1
1082	<i>Muellera campestris</i> + <i>Syagrus romanzoffiana</i>	1	1
1083	<i>Sebastiania commersoniana</i> + <i>Muellera</i>	1	1
1084	<i>Tipuana tipu</i>	1	1
1085	<i>Tipuana tipu</i> + <i>Acanthosyris falcata</i> + <i>Copernicia</i>	1	1
1086	<i>Tipuana tipu</i> + <i>Anadenanthera colubrina</i> + <i>Parasenegalia</i>	1	1
<b><i>Phyllostylon rhamnoides + others</i></b>			
1087	<i>Aspidosperma quebracho-blanco</i> + <i>Phyllostylon</i>	1	1
1088	<i>Helicocarpus popayanensis</i> + <i>Phyllostylon</i>	1	1
1089	<i>Myracrodruon urundeuva</i> + <i>Phyllostylon</i>	1	1
1090	<i>Phyllostylon rhamnoides</i>	1	1
1091	<i>Phyllostylon rhamnoides</i> + <i>Anadenanthera colubrina</i>	5	5
1092	<i>Phyllostylon rhamnoides</i> + <i>Anadenanthera</i>	1	1
1093	<i>Phyllostylon rhamnoides</i> + <i>Anadenanthera</i>	1	1
1094	<i>Phyllostylon rhamnoides</i> + <i>Anadenanthera</i>	1	1
1095	<i>Phyllostylon rhamnoides</i> + <i>Calycophyllum</i>	1	1
1096	<i>Phyllostylon rhamnoides</i> + <i>Cedrela balansae</i> + <i>Pisonia</i>	1	1
1097	<i>Phyllostylon rhamnoides</i> + <i>Ceiba chodatii</i>	1	1
1098	<i>Phyllostylon rhamnoides</i> + <i>Celtis ehrenbergiana</i> + <i>Cordia</i>	1	1

1099	<i>Phyllostylon rhamnoides</i> + <i>Cordia americana</i> + <i>Gleditsia</i>	1	1
1100	<i>Phyllostylon rhamnoides</i> + <i>Cordia americana</i> + <i>Gleditsia</i>	1	1
1101	<i>Phyllostylon rhamnoides</i> + <i>Cordia americana</i> + <i>Senegalia</i>		1
1102	<i>Phyllostylon rhamnoides</i> + <i>Eugenia punicifolia</i> + <i>Pisonia</i>	1	1
1103	<i>Phyllostylon rhamnoides</i> + <i>Gleditsia amorphoides</i> + <i>Condalia</i>		1
1104	<i>Phyllostylon rhamnoides</i> + <i>Gleditsia</i>	1	1
1105	<i>Phyllostylon rhamnoides</i> + <i>Gleditsia</i>	1	1
1106	<i>Phyllostylon rhamnoides</i> + <i>Gleditsia amorphoides</i> + <i>Scutia</i>	1	1
1107	<i>Phyllostylon rhamnoides</i> + <i>Handroanthus</i>		1
1108	<i>Phyllostylon rhamnoides</i> + <i>Holocalyx balansae</i> + <i>Ficus</i>	1	1
1109	<i>Phyllostylon rhamnoides</i> + <i>Libidibia</i>	1	1
1110	<i>Phyllostylon rhamnoides</i> + <i>Myracrodruon balansae</i> + <i>Cordia</i>	1	1
1111	<i>Phyllostylon rhamnoides</i> + <i>Myracrodruon</i>	1	1
1112	<i>Phyllostylon rhamnoides</i> + <i>Myrcianthes pungens</i> + <i>Eugenia</i>		1
1113	<i>Phyllostylon rhamnoides</i> + <i>Parapiptadenia</i>		1
1114	<i>Phyllostylon rhamnoides</i> + <i>Pisonia zapallo</i> + <i>Libidibia</i>		1
1115	<i>Phyllostylon rhamnoides</i> + <i>Pisonia zapallo</i> + <i>Senegalia</i>	1	1
1116	<i>Phyllostylon rhamnoides</i> + <i>Ruprechtia laxiflora</i> + <i>Cordia</i>	1	1
1117	<i>Phyllostylon rhamnoides</i> + <i>Salta triflora</i> + <i>Senegalia praecox</i>	1	1
1118	<i>Phyllostylon rhamnoides</i> + <i>Senegalia praecox</i> + <i>Salta</i>	1	1
1119	<i>Phyllostylon rhamnoides</i> + <i>Sideroxylon obtusifolium</i> + <i>Ceiba</i>	1	1
<b><i>Pisonia zapallo + others</i></b>			
1120	<i>Pisonia zapallo</i>	1	1
1121	<i>Pisonia zapallo</i> + <i>Albizia inundata</i>	1	1
1122	<i>Pisonia zapallo</i> + <i>Aspidosperma quebracho-</i>	1	1
1123	<i>Pisonia zapallo</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Ceiba</i>	1	1
1124	<i>Pisonia zapallo</i> + <i>Cordia americana</i> + <i>Gleditsia</i>	1	1
1125	<i>Pisonia zapallo</i> + <i>Cordia americana</i> + <i>Ruprechtia laxiflora</i>	1	1
1126	<i>Pisonia zapallo</i> + <i>Eugenia uniflora</i> + <i>Parapiptadenia excelsa</i>		1
1127	<i>Pisonia zapallo</i> + <i>Gleditsia amorphoides</i> + <i>Handroanthus</i>	1	1
1128	<i>Pisonia zapallo</i> + <i>Myroxylon peruficum</i> + <i>Terminalia triflora</i>		1
1129	<i>Pisonia zapallo</i> + <i>Ocotea porphyria</i> + <i>Juglans australis</i>		1
1130	<i>Pisonia zapallo</i> + <i>Parapiptadenia excelsa</i> + <i>Erythroxylum</i>		1
1131	<i>Pisonia zapallo</i> + <i>Phyllostylon rhamnoides</i>		1
1132	<i>Pisonia zapallo</i> + <i>Phyllostylon rhamnoides</i> + <i>Zanthoxylum</i>		1
1133	<i>Pisonia zapallo</i> + <i>Prosopis kuntzei</i>	1	1
1134	<i>Pisonia zapallo</i> + <i>Salta triflora</i> + <i>Sarcomphalus mistol</i>	1	1
1135	<i>Pisonia zapallo</i> + <i>Sarcomphalus mistol</i> + <i>Cynophalla</i>	1	1
1136	<i>Pisonia zapallo</i> + <i>Sarcomphalus mistol</i> + <i>Salta triflora</i>	1	1
1137	<i>Pisonia zapallo</i> + <i>Schinopsis balansae</i> + <i>Prosopis nigra</i>	1	1
1138	<i>Pisonia zapallo</i> + <i>Schinopsis lorentzii</i> + <i>Parapiptadenia</i>		1
1139	<i>Pisonia zapallo</i> + <i>Senegalia praecox</i> + <i>Prosopis alba</i>	1	1
1140	<i>Pisonia zapallo</i> + <i>Senegalia praecox</i> + <i>Prosopis</i>	1	1
1141	<i>Pisonia zapallo</i> + <i>Senegalia praecox</i> + <i>Schinopsis lorentzii</i>	1	1
1142	<i>Pisonia zapallo</i> + <i>Sideroxylon obtusifolium</i> + <i>Cynophalla</i>	1	1
1143	<i>Pisonia zapallo</i> + <i>Tabebuia nodosa</i> + <i>Senegalia praecox</i>	1	1
<b><i>Podocarpus parlatorei + others</i></b>			
1144	<i>Podocarpus parlatorei</i>	7	7
1145	<i>Podocarpus parlatorei</i> + <i>Azara salicifolia</i> + <i>Cedrela balansae</i>	1	1
1146	<i>Podocarpus parlatorei</i> + <i>Blepharocalyx salicifolius</i>	1	1
1147	<i>Podocarpus parlatorei</i> + <i>Juglans australis</i>	1	1
1148	<i>Podocarpus parlatorei</i> + <i>Juglans australis</i> + <i>Eugenia</i>	1	1
1149	<i>Podocarpus parlatorei</i> + <i>Juglans australis</i> + <i>Myrcianthes</i>	1	1
1150	<i>Podocarpus parlatorei</i> + <i>Myrrhinium atropurpureum</i>	1	1
1151	<i>Podocarpus parlatorei</i> + <i>Schinus myrtifolius</i> + <i>Schinus</i>	1	1
1152	<i>Prunus tucumanensis</i> + <i>Podocarpus parlatorei</i>	1	1
<b><i>Polygonaceae + others</i></b>			

1153	<i>Bougainvillea praecox</i> + <i>Salta triflora</i> + <i>Celtis chichape</i>	1	1
1154	<i>Kageneckia lanceolata</i> + <i>Blepharocalyx</i>	1	1
1155	<i>Libidibia paraguariensis</i> + <i>Schinus piliferus</i> + <i>Salta triflora</i>		1
1156	<i>Maytenus vitis-idaea</i> + <i>Ruprechtia apetala</i> + <i>Senegalalia</i>	1	1
1157	<i>Ruprechtia apetala</i> + <i>Anadenanthera colubrina</i>		1
1158	<i>Ruprechtia apetala</i> + <i>Aspidosperma quebracho-</i>	1	1
1159	<i>Ruprechtia apetala</i> + <i>Aspidosperma quebracho-</i>	1	1
1160	<i>Ruprechtia apetala</i> + <i>Cedrela balansae</i> + <i>Cordia americana</i>		1
1161	<i>Ruprechtia apetala</i> + <i>Celtis ehrenbergiana</i> + <i>Vachellia caven</i>	1	1
1162	<i>Ruprechtia apetala</i> + <i>Geoffroea decorticans</i> + <i>Gleditsia</i>		1
1163	<i>Ruprechtia apetala</i> + <i>Lycium cestroides</i> + <i>Aspidosperma</i>	1	1
1164	<i>Ruprechtia apetala</i> + <i>Myracrodruon urundeuva</i>		1
1165	<i>Ruprechtia apetala</i> + <i>Parapiptadenia excelsa</i> + <i>Celtis</i>		1
1166	<i>Ruprechtia apetala</i> + <i>Prosopis alba</i> + <i>Allophylus</i>	1	1
1167	<i>Ruprechtia apetala</i> + <i>Sarcomphalus mistol</i> + <i>Tabebuia</i>	1	1
1168	<i>Ruprechtia apetala</i> + <i>Schinopsis lorentzii</i>	1	1
1169	<i>Ruprechtia apetala</i> + <i>Senegalalia praecox</i> + <i>Schinopsis lorentzii</i>	1	1
1170	<i>Ruprechtia laxiflora</i> + <i>Achatocarpus praecox</i> + <i>Libidibia</i>	1	1
1171	<i>Ruprechtia laxiflora</i> + <i>Celtis ehrenbergiana</i>	1	1
1172	<i>Ruprechtia laxiflora</i> + <i>Cordia americana</i>	1	1
1173	<i>Ruprechtia laxiflora</i> + <i>Cordia americana</i> + <i>Aspidosperma</i>	1	1
1174	<i>Ruprechtia laxiflora</i> + <i>Cordia americana</i> + <i>Libidibia</i>	1	1
1175	<i>Ruprechtia laxiflora</i> + <i>Cordia americana</i> + <i>Myrcianthes</i>	1	1
1176	<i>Ruprechtia laxiflora</i> + <i>Eugenia uniflora</i> + <i>Celtis</i>	1	1
1177	<i>Ruprechtia laxiflora</i> + <i>Geoffroea decorticans</i> + <i>Tabebuia</i>	1	1
1178	<i>Ruprechtia laxiflora</i> + <i>Gleditsia amorphoides</i>	1	1
1179	<i>Ruprechtia laxiflora</i> + <i>Gleditsia amorphoides</i> + <i>Diplokeleba</i>	1	1
1180	<i>Ruprechtia laxiflora</i> + <i>Gleditsia amorphoides</i> + <i>Sapium</i>	1	1
1181	<i>Ruprechtia laxiflora</i> + <i>Libidibia paraguariensis</i> + <i>Cordia</i>	1	1
1182	<i>Ruprechtia laxiflora</i> + <i>Libidibia paraguariensis</i> + <i>Gleditsia</i>	1	1
1183	<i>Ruprechtia laxiflora</i> + <i>Myracrodruon</i>	1	1
1184	<i>Ruprechtia laxiflora</i> + <i>Myrcianthes cisplatensis</i>	1	1
1185	<i>Ruprechtia laxiflora</i> + <i>Myrcianthes cisplatensis</i> + <i>Celtis</i>	1	1
1186	<i>Ruprechtia laxiflora</i> + <i>Myrcianthes cisplatensis</i> + <i>Copernicia</i>	1	1
1187	<i>Ruprechtia laxiflora</i> + <i>Parapiptadenia excelsa</i> + <i>Libidibia</i>	1	1
1188	<i>Ruprechtia laxiflora</i> + <i>Phytolacca dioica</i> + <i>Senegalalia praecox</i>	1	1
1189	<i>Ruprechtia laxiflora</i> + <i>Prosopis alba</i> + <i>Phytolacca dioica</i>	1	1
1190	<i>Ruprechtia laxiflora</i> + <i>Schinopsis lorentzii</i> + <i>Sarcomphalus</i>	1	1
1191	<i>Ruprechtia laxiflora</i> + <i>Schinus longifolius</i>	1	1
1192	<i>Ruprechtia laxiflora</i> + <i>Senegalalia praecox</i>	3	3
1193	<i>Ruprechtia laxiflora</i> + <i>Senegalalia praecox</i> + <i>Libidibia</i>	1	1
1194	<i>Ruprechtia laxiflora</i> + <i>Tabebuia nodosa</i> + <i>Geoffroea</i>	1	1
1195	<i>Salta triflora</i>	3	3
1196	<i>Salta triflora</i> + <i>Agonandra excelsa</i> + <i>Schinopsis lorentzii</i>	1	1
1197	<i>Salta triflora</i> + <i>Anadenanthera colubrina</i> + <i>Ruprechtia</i>	1	1
1198	<i>Salta triflora</i> + <i>Anadenanthera colubrina</i> + <i>Sarcomphalus</i>	1	1
1199	<i>Salta triflora</i> + <i>Anadenanthera colubrina</i> + <i>Sideroxylon</i>	1	1
1200	<i>Salta triflora</i> + <i>Aspidosperma quebracho-blanco</i>	4	4
1201	<i>Salta triflora</i> + <i>Aspidosperma quebracho-</i>	1	1
1202	<i>Salta triflora</i> + <i>Aspidosperma quebracho-</i>	1	1
1203	<i>Salta triflora</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Libidibia</i>	1	1
1204	<i>Salta triflora</i> + <i>Aspidosperma quebracho-</i>	1	1
1205	<i>Salta triflora</i> + <i>Aspidosperma quebracho-</i>	1	1
1206	<i>Salta triflora</i> + <i>Aspidosperma quebracho-</i>	1	1
1207	<i>Salta triflora</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Schinopsis</i>	1	1
1208	<i>Salta triflora</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Schinopsis</i>	1	1
1209	<i>Salta triflora</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Senegalalia</i>	1	1

1210	<i>Salta triflora+Aspidosperma quebracho-</i>	1	1
1211	<i>Salta triflora+Aspidosperma quebracho-blanco+Tabebuia</i>	1	1
1212	<i>Salta triflora+Aspidosperma quebracho-blanco+Tabebuia</i>	1	1
1213	<i>Salta triflora+Calycophyllum multiflorum+Phyllostylon</i>	1	1
1214	<i>Salta triflora+Gonopterodendron sarmientoi</i>	2	2
1215	<i>Salta triflora+Gonopterodendron</i>	1	1
1216	<i>Salta triflora+Gonopterodendron</i>	1	1
1217	<i>Salta triflora+Gonopterodendron sarmientoi+Prosopis</i>	1	1
1218	<i>Salta triflora+Gonopterodendron</i>	1	1
1219	<i>Salta triflora+Gonopterodendron</i>	1	1
1220	<i>Salta triflora+Gonopterodendron sarmientoi+Sarcotoxicum</i>	1	1
1221	<i>Salta triflora+Libidibia paraguariensis</i>	2	2
1222	<i>Salta triflora+Libidibia paraguariensis+Aspidosperma</i>	1	1
1223	<i>Salta triflora+Libidibia paraguariensis+Aspidosperma</i>	1	1
1224	<i>Salta triflora+Libidibia paraguariensis+Calycophyllum</i>	1	1
1225	<i>Salta triflora+Libidibia paraguariensis+Ceiba chodatii</i>	1	1
1226	<i>Salta triflora+Libidibia paraguariensis+Sarcomphalus</i>	3	3
1227	<i>Salta triflora+Phyllostylon rhamnoides+Calycophyllum</i>	1	1
1228	<i>Salta triflora+Pisonia zapallo</i>	1	1
1229	<i>Salta triflora+Prosopis alba</i>	1	1
1230	<i>Salta triflora+Prosopis alba+Schinopsis lorentzii</i>	2	2
1231	<i>Salta triflora+Prosopis kuntzei</i>	1	1
1232	<i>Salta triflora+Prosopis kuntzei+Cordia americana</i>	1	1
1233	<i>Salta triflora+Prosopis kuntzei+Sarcomphalus</i>	1	1
1234	<i>Salta triflora+Prosopis kuntzei+Sarcomphalus</i>	1	1
1235	<i>Salta triflora+Prosopis nigra+Prosopis hassleri</i>	1	1
1236	<i>Salta triflora+Prosopis ruscifolia+Tabebuia</i>	1	1
1237	<i>Salta triflora+Sarcomphalus mistol</i>	4	4
1238	<i>Salta triflora+Sarcomphalus mistol+Anisocapparis</i>	1	1
1239	<i>Salta triflora+Sarcomphalus mistol+Aspidosperma</i>	2	2
1240	<i>Salta triflora+Sarcomphalus mistol+Ceiba chodatii</i>	1	1
1241	<i>Salta triflora+Sarcomphalus mistol+Prosopis nigra</i>	1	1
1242	<i>Salta triflora+Sarcomphalus mistol+Schinopsis lorentzii</i>	2	2
1243	<i>Salta triflora+Sarcomphalus mistol+Schinopsis</i>	1	1
1244	<i>Salta triflora+Sarcomphalus mistol+Sideroxylon</i>	1	1
1245	<i>Salta triflora+Schinopsis lorentzii</i>	1	1
1246	<i>Salta triflora+Schinopsis lorentzii+Aspidosperma</i>	2	2
1247	<i>Salta triflora+Schinopsis lorentzii+Aspidosperma</i>	1	1
1248	<i>Salta triflora+Schinopsis lorentzii+Libidibia</i>	1	1
1249	<i>Salta triflora+Schinopsis lorentzii+Sarcomphalus mistol</i>	1	1
1250	<i>Salta triflora+Schinopsis lorentzii+Sarcomphalus</i>	1	1
1251	<i>Salta triflora+Schinopsis lorentzii+Sideroxylon</i>	1	1
1252	<i>Salta triflora+Schinus longifolius+Bougainvillea</i>	1	1
1253	<i>Salta triflora+Senegalia praecox+Bougainvillea praecox</i>	1	1
1254	<i>Salta triflora+Senegalia praecox+Handroanthus</i>	1	1
1255	<i>Salta triflora+Senegalia praecox+Prosopis ruscifolia</i>	1	1
1256	<i>Salta triflora+Senegalia praecox+Sarcomphalus</i>	1	1
1257	<i>Salta triflora+Sideroxylon obtusifolium+Gonopterodendron</i>	1	1
1258	<i>Salta triflora+Sideroxylon obtusifolium+Prosopis</i>	1	1
1259	<i>Salta triflora+Sideroxylon obtusifolium+Sarcomphalus</i>	1	1
1260	<i>Salta triflora+Sideroxylon obtusifolium+Schinopsis</i>	1	1
1261	<i>Salta triflora+Sideroxylon obtusifolium+Schinopsis</i>	1	1
1262	<i>Salta triflora+Tabebuia nodosa</i>	1	1
1263	<i>Salta triflora+Tabebuia nodosa+Aspidosperma quebracho-</i>	1	1
1264	<i>Salta triflora+Tabebuia nodosa+Libidibia paraguariensis</i>	1	1
1265	<i>Salta triflora+Tabebuia nodosa+Mimozyganthus carinatus</i>	1	1
1266	<i>Salta triflora+Tabebuia nodosa+Senegalia praecox</i>	1	1

**Prosopis + others**

1267	<i>Aspidosperma quebracho-blanco</i>	1		1
1268	<i>Bougainvillea praecox+Prosopis alba+Aspidosperma</i>	1		1
1269	<i>Bougainvillea stipitata+Prosopis flexuosa</i>	1		1
1270	<i>Bulnesia retama+Prosopis flexuosa</i>	1		1
1271	<i>Bulnesia retama+Prosopis flexuosa+Parkinsonia praecox</i>	1		1
1272	<i>Erythroxylum microphyllum+Prosopis affinis</i>	1		1
1273	<i>Geoffroea decorticans</i>	4		4
1274	<i>Jodina rhombifolia+Prosopis nigra+Sarcomphalus mistol</i>		1	1
1275	<i>Phytolacca dioica+Prosopis affinis+Scutia buxifolia</i>	1		1
1276	<i>Pouteria salicifolia+Prosopis affinis+Scutia buxifolia</i>	1		1
1277	<i>Prosopis affinis</i>	5	1	6
1278	<i>Prosopis affinis+Myracrodruon balansae+Ruprechtia</i>		1	1
1279	<i>Prosopis affinis+Prosopis nigra</i>	2		2
1280	<i>Prosopis affinis+Prosopis nigra+Trithrinax campestris</i>	1		1
1281	<i>Prosopis affinis+Schinus longifolius</i>	1		1
1282	<i>Prosopis affinis+Scutia buxifolia</i>	1		1
1283	<i>Prosopis affinis+Sideroxylon obtusifolium</i>	1	1	2
1284	<i>Prosopis affinis+Trithrinax campestris</i>	1		1
1285	<i>Prosopis affinis+Trithrinax campestris+Prosopis nigra</i>	1		1
1286	<i>Prosopis affinis+Vachellia astringens</i>	1		1
1287	<i>Prosopis affinis+Vachellia caven</i>	9		9
1288	<i>Prosopis affinis+Vachellia caven+Prosopis nigra</i>	2		2
1289	<i>Prosopis affinis+Vachellia caven+Trithrinax campestris</i>	1		1
1290	<i>Prosopis affinis+Zanthoxylum rhoifolium+Geoffroea</i>		1	1
1291	<i>Prosopis affinis+Zanthoxylum rhoifolium+Prosopis nigra</i>	1		1
1292	<i>Prosopis alba</i>	1	3	16
1293	<i>Prosopis alba+Albizia inundata+Prosopis ruscifolia</i>		1	1
1294	<i>Prosopis alba+Anisocapparis speciosa</i>		1	1
1295	<i>Prosopis alba+Aspidosperma quebracho-blanco</i>	1	2	3
1296	<i>Prosopis alba+Aspidosperma quebracho-</i>		2	2
1297	<i>Prosopis alba+Celtis chichape</i>		1	1
1298	<i>Prosopis alba+Celtis chichape+Sarcomphalus mistol</i>	1		1
1299	<i>Prosopis alba+Celtis ehrenbergiana</i>		1	1
1300	<i>Prosopis alba+Celtis ehrenbergiana+Condalia buxifolia</i>	1		1
1301	<i>Prosopis alba+Celtis iguanaea</i>		1	1
1302	<i>Prosopis alba+Celtis iguanaea+Pterogyne nitens</i>	1		1
1303	<i>Prosopis alba+Copernicia alba</i>		1	1
1304	<i>Prosopis alba+Cynophalla retusa+Celtis iguanaea</i>	1		1
1305	<i>Prosopis alba+Diplokeleba floribunda+Ruprechtia</i>	1		1
1306	<i>Prosopis alba+Geoffroea decorticans</i>		3	3
1307	<i>Prosopis alba+Geoffroea decorticans+Castela coccinea</i>	1		1
1308	<i>Prosopis alba+Geoffroea decorticans+Sideroxylon</i>	1		1
1309	<i>Prosopis alba+Gonopterodendron sarmientoi</i>		1	1
1310	<i>Prosopis alba+Gonopterodendron</i>	1		1
1311	<i>Prosopis alba+Libidibia paraguariensis</i>	2		2
1312	<i>Prosopis alba+Libidibia paraguariensis+Ceiba</i>	1		1
1313	<i>Prosopis alba+Parkinsonia praecox</i>	1		1
1314	<i>Prosopis alba+Parkinsonia praecox+Prosopis torquata</i>	1		1
1315	<i>Prosopis alba+Phyllostylon rhamnoides+Diplokeleba</i>	1		1
1316	<i>Prosopis alba+Phytolacca dioica+Senegalia praecox</i>	1		1
1317	<i>Prosopis alba+Pisonia zapallo</i>	1		1
1318	<i>Prosopis alba+Pisonia zapallo+Prosopis ruscifolia</i>	1		1
1319	<i>Prosopis alba+Pisonia zapallo+Salta triflora</i>	1		1
1320	<i>Prosopis alba+Pisonia zapallo+Salta</i>	1		1
1321	<i>Prosopis alba+Pisonia zapallo+Schinopsis lorentzii</i>	1		1
1322	<i>Prosopis alba+Pisonia zapallo+Senegalia praecox</i>	1		1

1323	<i>Prosopis alba+Prosopis elata</i>		1	1
1324	<i>Prosopis alba+Prosopis flexuosa</i>	1	1	2
1325	<i>Prosopis alba+Prosopis kuntzei+Aspidosperma quebracho-</i>		1	1
1326	<i>Prosopis alba+Prosopis kuntzei+Sarcomphalus mistol</i>		1	1
1327	<i>Prosopis alba+Prosopis nigra</i>		2	2
1328	<i>Prosopis alba+Prosopis nigra+Schinus</i>		1	1
1329	<i>Prosopis alba+Prosopis ruscifolia+Tabebuia nodosa</i>		1	1
1330	<i>Prosopis alba+Prosopis torquata</i>	1	2	3
1331	<i>Prosopis alba+Pterogyne nitens</i>		1	1
1332	<i>Prosopis alba+Ruprechtia apetala+Senegalnia praecox</i>		1	1
1333	<i>Prosopis alba+Salta triflora</i>		3	3
1334	<i>Prosopis alba+Salta triflora+Aspidosperma quebracho-</i>		1	1
1335	<i>Prosopis alba+Salta triflora+Geoffroea</i>		1	1
1336	<i>Prosopis alba+Sarcomphalus mistol</i>		7	7
1337	<i>Prosopis alba+Sarcomphalus mistol+Lachesiodendron</i>		1	1
1338	<i>Prosopis alba+Sarcomphalus mistol+Libidibia</i>		1	1
1339	<i>Prosopis alba+Sarcomphalus mistol+Salta triflora</i>		1	1
1340	<i>Prosopis alba+Sarcomphalus mistol+Schinus fasciculatus</i>		1	1
1341	<i>Prosopis alba+Schinopsis balansae+Prosopis nigra</i>		1	1
1342	<i>Prosopis alba+Schinopsis balansae+Ruprechtia laxiflora</i>		1	1
1343	<i>Prosopis alba+Schinopsis balansae+Senegalnia praecox</i>		1	1
1344	<i>Prosopis alba+Schinopsis balansae+Tabebuia nodosa</i>		2	2
1345	<i>Prosopis alba+Schinopsis lorentzii+Aspidosperma</i>		1	1
1346	<i>Prosopis alba+Senegalnia praecox</i>		1	1
1347	<i>Prosopis alba+Senegalnia praecox+Gleditsia</i>		1	1
1348	<i>Prosopis alba+Senegalnia praecox+Gonopterodendron</i>		1	1
1349	<i>Prosopis alba+Senegalnia praecox+Prosopis kuntzei</i>		1	1
1350	<i>Prosopis alba+Senegalnia praecox+Vachellia aroma</i>		1	1
1351	<i>Prosopis alba+Sideroxylon obtusifolium</i>		3	3
1352	<i>Prosopis alba+Tabebuia nodosa</i>		2	2
1353	<i>Prosopis alba+Tabebuia nodosa+Prosopis kuntzei</i>		1	1
1354	<i>Prosopis alba+Tabebuia nodosa+Senegalnia praecox</i>		1	1
1355	<i>Prosopis alba+Trithrinax campestris+Senegalnia</i>	1		1
1356	<i>Prosopis alba+Vachellia aroma</i>		2	2
1357	<i>Prosopis alba+Vachellia aroma+Geoffroea decorticans</i>		1	1
1358	<i>Prosopis alba+Vachellia aroma+Myrrhinium</i>		1	1
1359	<i>Prosopis alba+Vachellia aroma+Prosopis nigra+Schinus</i>		1	1
1360	<i>Prosopis alpataco</i>	2		2
1361	<i>Prosopis alpataco+Geoffroea decorticans</i>	1		1
1362	<i>Prosopis alpataco+Vachellia caven</i>		1	1
1363	<i>Prosopis caldenia</i>	72	1	73
1364	<i>Prosopis caldenia+Geoffroea decorticans</i>	1		1
1365	<i>Prosopis caldenia+Jodina rhombifolia</i>	1		1
1366	<i>Prosopis caldenia+Prosopis flexuosa</i>	4		4
1367	<i>Prosopis caldenia+Prosopis nigra</i>		1	1
1368	<i>Prosopis caldenia+Schinus polygamus</i>	2		2
1369	<i>Prosopis chilensis</i>	2	4	2
1370	<i>Prosopis chilensis+Aspidosperma quebracho-blanco</i>			1
1371	<i>Prosopis chilensis+Celtis ehrenbergiana</i>		1	1
1372	<i>Prosopis chilensis+Prosopis alba</i>			1
1373	<i>Prosopis chilensis+Prosopis flexuosa</i>		1	1
1374	<i>Prosopis chilensis+Prosopis flexuosa+Prosopis torquata</i>			1
1375	<i>Prosopis elata+Sarcomphalus mistol</i>			1
1376	<i>Prosopis flexuosa</i>	6	37	48
1377	<i>Prosopis flexuosa+Aspidosperma quebracho-blanco</i>			6
1378	<i>Prosopis flexuosa+Atamisquea emarginata</i>		1	1
1379	<i>Prosopis flexuosa+Bulnesia retama</i>		1	2

1380	<i>Prosopis flexuosa+Bulnesia retama+Aspidosperma</i>			1	1
1381	<i>Prosopis flexuosa+Bulnesia retama+Parkinsonia praecox</i>			1	1
1382	<i>Prosopis flexuosa+Geoffroea decorticans</i>	1	3	1	5
1383	<i>Prosopis flexuosa+Larrea cuneifolia</i>			1	1
1384	<i>Prosopis flexuosa+Larrea divaricata</i>			2	2
1385	<i>Prosopis flexuosa+Mimozyganthus carinatus</i>			2	2
1386	<i>Prosopis flexuosa+Parkinsonia praecox</i>	2		12	14
1387	<i>Prosopis flexuosa+Parkinsonia praecox+Bulnesia retama</i>			1	1
1388	<i>Prosopis flexuosa+Parkinsonia praecox+Mimozyganthus</i>			1	1
1389	<i>Prosopis flexuosa+Prosopis alba</i>	2	1		3
1390	<i>Prosopis flexuosa+Prosopis alpataco</i>			1	1
1391	<i>Prosopis flexuosa+Prosopis caldenia</i>	1			1
1392	<i>Prosopis flexuosa+Prosopis nigra</i>	2	1		3
1393	<i>Prosopis flexuosa+Prosopis torquata</i>			4	4
1394	<i>Prosopis flexuosa+Ramorinoa girolae</i>	1			1
1395	<i>Prosopis flexuosa+Sarcomphalus mistol</i>			1	1
1396	<i>Prosopis flexuosa+Schinus fasciculatus</i>			1	1
1397	<i>Prosopis hassleri</i>			1	1
1398	<i>Prosopis hassleri+Copernicia alba</i>			1	1
1399	<i>Prosopis hassleri+Pisonia zapallo+Prosopis ruscifolia</i>			1	1
1400	<i>Prosopis hassleri+Prosopis ruscifolia+Prosopis nigra</i>			1	1
1401	<i>Prosopis hassleri+Sarcomphalus mistol+Sideroxylon</i>			1	1
1402	<i>Prosopis kuntzei</i>			1	1
1403	<i>Prosopis kuntzei+Anisocapparis speciosa</i>			1	1
1404	<i>Prosopis kuntzei+Aspidosperma quebracho-blanco</i>			1	1
1405	<i>Prosopis kuntzei+Aspidosperma quebracho-blanco+Pisonia</i>			1	1
1406	<i>Prosopis kuntzei+Aspidosperma quebracho-blanco+Salta</i>			1	1
1407	<i>Prosopis kuntzei+Aspidosperma quebracho-</i>			1	1
1408	<i>Prosopis kuntzei+Aspidosperma quebracho-</i>			1	1
1409	<i>Prosopis kuntzei+Aspidosperma quebracho-</i>			1	1
1410	<i>Prosopis kuntzei+Aspidosperma quebracho-</i>			1	1
1411	<i>Prosopis kuntzei+Aspidosperma quebracho-</i>			1	1
1412	<i>Prosopis kuntzei+Bougainvillea praecox+Aspidosperma</i>			1	1
1413	<i>Prosopis kuntzei+Libidibia paraguariensis+Prosopis nigra</i>			1	1
1414	<i>Prosopis kuntzei+Prosopis alba+Senegalia gilliesii</i>			1	1
1415	<i>Prosopis kuntzei+Prosopis nigra</i>			1	1
1416	<i>Prosopis kuntzei+Prosopis nigra+Aspidosperma</i>			1	1
1417	<i>Prosopis kuntzei+Prosopis ruscifolia</i>			1	1
1418	<i>Prosopis kuntzei+Prosopis ruscifolia+Prosopis</i>			1	1
1419	<i>Prosopis kuntzei+Sarcomphalus mistol</i>			1	1
1420	<i>Prosopis kuntzei+Sarcomphalus mistol+Aspidosperma</i>			1	1
1421	<i>Prosopis kuntzei+Sarcomphalus mistol+Prosopis</i>			1	1
1422	<i>Prosopis kuntzei+Sarcomphalus mistol+Schinopsis</i>			1	1
1423	<i>Prosopis kuntzei+Sarcomphalus mistol+Senegalia praecox</i>			1	1
1424	<i>Prosopis kuntzei+Schinopsis balansae+Aspidosperma</i>			1	1
1425	<i>Prosopis kuntzei+Schinopsis heterophylla</i>			1	1
1426	<i>Prosopis kuntzei+Schinopsis lorentzii</i>			2	2
1427	<i>Prosopis kuntzei+Schinopsis lorentzii+Aspidosperma</i>			1	1
1428	<i>Prosopis kuntzei+Schinopsis lorentzii+Sarcomphalus mistol</i>			1	1
1429	<i>Prosopis kuntzei+Schinopsis lorentzii+Sarcomphalus</i>			1	1
1430	<i>Prosopis kuntzei+Schinopsis lorentzii+Sideroxylon</i>			1	1
1431	<i>Prosopis kuntzei+Senegalia praecox</i>			3	3
1432	<i>Prosopis kuntzei+Senegalia praecox+Achatocarpus</i>			1	1
1433	<i>Prosopis kuntzei+Sideroxylon obtusifolium+Bougainvillea</i>			1	1
1434	<i>Prosopis kuntzei+Tabebuia nodosa+Salta</i>			1	1
1435	<i>Prosopis nigra</i>	2	11	5	40
1436	<i>Prosopis nigra + Geoffroea decorticans</i>			2	2

1437	<i>Prosopis nigra</i> + <i>Aspidosperma quebracho-blanco</i>	1	16	17
1438	<i>Prosopis nigra</i> + <i>Aspidosperma quebracho-</i>		1	1
1439	<i>Prosopis nigra</i> + <i>Aspidosperma quebracho-</i>		4	4
1440	<i>Prosopis nigra</i> + <i>Aspidosperma quebracho-</i>		2	2
1441	<i>Prosopis nigra</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Schinus</i>		1	1
1442	<i>Prosopis nigra</i> + <i>Bulnesia retama</i>	1		1
1443	<i>Prosopis nigra</i> + <i>Celtis chichape</i> + <i>Sarcomphalus mistol</i>		1	1
1444	<i>Prosopis nigra</i> + <i>Celtis ehrenbergiana</i>		4	4
1445	<i>Prosopis nigra</i> + <i>Celtis ehrenbergiana</i> + <i>Prosopis vinalillo</i>		1	1
1446	<i>Prosopis nigra</i> + <i>Copernicia alba</i>		1	1
1447	<i>Prosopis nigra</i> + <i>Copernicia alba</i> + <i>Phyllostylon rhamnoides</i>		1	1
1448	<i>Prosopis nigra</i> + <i>Copernicia alba</i> + <i>Prosopis alba</i>		1	1
1449	<i>Prosopis nigra</i> + <i>Copernicia alba</i> + <i>Tabebuia nodosa</i>		1	1
1450	<i>Prosopis nigra</i> + <i>Cynophalla retusa</i> + <i>Prosopis ruscifolia</i>		2	2
1451	<i>Prosopis nigra</i> + <i>Diplokeleba floribunda</i> + <i>Senegalia praecox</i>		1	1
1452	<i>Prosopis nigra</i> + <i>Eugenia uniflora</i>		1	1
1453	<i>Prosopis nigra</i> + <i>Geoffroea decorticans</i>	2	6	8
1454	<i>Prosopis nigra</i> + <i>Geoffroea decorticans</i> + <i>Condalia</i>		1	1
1455	<i>Prosopis nigra</i> + <i>Geoffroea decorticans</i> + <i>Schinopsis lorentzii</i>	1		1
1456	<i>Prosopis nigra</i> + <i>Geoffroea decorticans</i> + <i>Sideroxylon</i>		1	1
1457	<i>Prosopis nigra</i> + <i>Gleditsia amorphoides</i>		1	1
1458	<i>Prosopis nigra</i> + <i>Libidibia paraguariensis</i> + <i>Sarcomphalus</i>		1	1
1459	<i>Prosopis nigra</i> + <i>Myrcianthes cisplatensis</i> + <i>Celtis</i>		1	1
1460	<i>Prosopis nigra</i> + <i>Parkinsonia praecox</i>		3	3
1461	<i>Prosopis nigra</i> + <i>Parkinsonia praecox</i> + <i>Aspidosperma</i>		1	1
1462	<i>Prosopis nigra</i> + <i>Parkinsonia praecox</i> + <i>Prosopis ruscifolia</i>		1	1
1463	<i>Prosopis nigra</i> + <i>Parkinsonia praecox</i> + <i>Sarcomphalus mistol</i>		1	1
1464	<i>Prosopis nigra</i> + <i>Parkinsonia praecox</i> + <i>Schinopsis balansae</i>		1	1
1465	<i>Prosopis nigra</i> + <i>Parkinsonia praecox</i> + <i>Senegalia gilliesii</i>		1	1
1466	<i>Prosopis nigra</i> + <i>Pisonia zapallo</i> + <i>Copernicia alba</i>		1	1
1467	<i>Prosopis nigra</i> + <i>Prosopis affinis</i>	1	2	3
1468	<i>Prosopis nigra</i> + <i>Prosopis alba</i>		1	1
1469	<i>Prosopis nigra</i> + <i>Prosopis alba</i> + <i>Senegalia</i>		1	1
1470	<i>Prosopis nigra</i> + <i>Prosopis chilensis</i>		1	1
1471	<i>Prosopis nigra</i> + <i>Prosopis flexuosa</i>	1	1	2
1472	<i>Prosopis nigra</i> + <i>Prosopis kuntzei</i>		3	3
1473	<i>Prosopis nigra</i> + <i>Prosopis kuntzei</i> + <i>Aspidosperma</i>		1	1
1474	<i>Prosopis nigra</i> + <i>Prosopis kuntzei</i> + <i>Sarcomphalus mistol</i>		2	2
1475	<i>Prosopis nigra</i> + <i>Prosopis ruscifolia</i>		2	2
1476	<i>Prosopis nigra</i> + <i>Prosopis ruscifolia</i> + <i>Cynophalla</i>		1	1
1477	<i>Prosopis nigra</i> + <i>Prosopis ruscifolia</i> + <i>Sarcomphalus</i>		1	1
1478	<i>Prosopis nigra</i> + <i>Prosopis vinalillo</i>		1	1
1479	<i>Prosopis nigra</i> + <i>Ruprechtia laxiflora</i>	1		1
1480	<i>Prosopis nigra</i> + <i>Salta triflora</i>		2	2
1481	<i>Prosopis nigra</i> + <i>Salta triflora</i> + <i>Aspidosperma quebracho-</i>		1	1
1482	<i>Prosopis nigra</i> + <i>Salta triflora</i> + <i>Terminalia triflora</i>		1	1
1483	<i>Prosopis nigra</i> + <i>Sapium haematospermum</i>		1	1
1484	<i>Prosopis nigra</i> + <i>Sarcomphalus mistol</i>		11	11
1485	<i>Prosopis nigra</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>		2	2
1486	<i>Prosopis nigra</i> + <i>Sarcomphalus mistol</i> + <i>Cynophalla</i>		1	1
1487	<i>Prosopis nigra</i> + <i>Sarcomphalus mistol</i> + <i>Geoffroea</i>		1	1
1488	<i>Prosopis nigra</i> + <i>Sarcomphalus mistol</i> + <i>Parkinsonia praecox</i>		1	1
1489	<i>Prosopis nigra</i> + <i>Sarcomphalus mistol</i> + <i>Prosopis alba</i>		1	1
1490	<i>Prosopis nigra</i> + <i>Schinopsis balansae</i>		1	1
1491	<i>Prosopis nigra</i> + <i>Schinopsis balansae</i> + <i>Celtis ehrenbergiana</i>		1	1
1492	<i>Prosopis nigra</i> + <i>Schinopsis balansae</i> + <i>Senegalia praecox</i>		1	1
1493	<i>Prosopis nigra</i> + <i>Schinopsis lorentzii</i>		1	1

1494	<i>Prosopis nigra</i> + <i>Schinopsis lorentzii</i> + <i>Aspidosperma</i>	2	2
1495	<i>Prosopis nigra</i> + <i>Schinopsis lorentzii</i> + <i>Parkinsonia praecox</i>	1	1
1496	<i>Prosopis nigra</i> + <i>Schinopsis lorentzii</i> + <i>Prosopis kuntzei</i>	1	1
1497	<i>Prosopis nigra</i> + <i>Schinus fasciculatus</i>	2	2
1498	<i>Prosopis nigra</i> + <i>Schinus longifolius</i>	1	1
1499	<i>Prosopis nigra</i> + <i>Schinus longifolius</i> + <i>Celtis</i>	1	1
1500	<i>Prosopis nigra</i> + <i>Senegalia bonariensis</i>	1	1
1501	<i>Prosopis nigra</i> + <i>Senegalia gilliesii</i>	1	1
1502	<i>Prosopis nigra</i> + <i>Senegalia gilliesii</i> + <i>Senegalia praecox</i>	1	1
1503	<i>Prosopis nigra</i> + <i>Senegalia praecox</i>	3	3
1504	<i>Prosopis nigra</i> + <i>Senegalia praecox</i> + <i>Achatocarpus</i>	1	1
1505	<i>Prosopis nigra</i> + <i>Senegalia praecox</i> + <i>Vachellia aroma</i>	1	1
1506	<i>Prosopis nigra</i> + <i>Sideroxylon obtusifolium</i>	1	1
1507	<i>Prosopis nigra</i> + <i>Sideroxylon obtusifolium</i> + <i>Schinopsis</i>	1	1
1508	<i>Prosopis nigra</i> + <i>Sideroxylon obtusifolium</i> + <i>Scutia buxifolia</i>	1	1
1509	<i>Prosopis nigra</i> + <i>Sideroxylon obtusifolium</i> + <i>Senegalia</i>	1	1
1510	<i>Prosopis nigra</i> + <i>Tabebuia nodosa</i>	3	3
1511	<i>Prosopis nigra</i> + <i>Tabebuia nodosa</i> + <i>Gleditsia amorphoides</i>	1	1
1512	<i>Prosopis nigra</i> + <i>Tabebuia nodosa</i> + <i>Schinopsis balansae</i>	1	1
1513	<i>Prosopis nigra</i> + <i>Tessaria integrifolia</i>	1	1
1514	<i>Prosopis nigra</i> + <i>Trithrinax campestris</i>	2	2
1515	<i>Prosopis nigra</i> + <i>Trithrinax campestris</i> + <i>Vachellia caven</i>	1	1
1516	<i>Prosopis nigra</i> + <i>Vachellia aroma</i>	3	3
1517	<i>Prosopis nigra</i> + <i>Vachellia astringens</i>	1	1
1518	<i>Prosopis nigra</i> + <i>Vachellia caven</i>	4	4
1519	<i>Prosopis nigra</i> + <i>Vachellia caven</i> + <i>Geoffroea</i>	1	1
1520	<i>Prosopis nigra</i> + <i>Vachellia caven</i> + <i>Ruprechtia laxiflora</i>	1	1
1521	<i>Prosopis ruscifolia</i>	75	75
1522	<i>Prosopis ruscifolia</i> + <i>Aspidosperma quebracho-blanco</i>	4	4
1523	<i>Prosopis ruscifolia</i> + <i>Aspidosperma quebracho-</i>	1	1
1524	<i>Prosopis ruscifolia</i> + <i>Aspidosperma quebracho-</i>	1	1
1525	<i>Prosopis ruscifolia</i> + <i>Aspidosperma quebracho-</i>	1	1
1526	<i>Prosopis ruscifolia</i> + <i>Bougainvillea praecox</i> + <i>Aspidosperma</i>	1	1
1527	<i>Prosopis ruscifolia</i> + <i>Celtis chichape</i>	1	1
1528	<i>Prosopis ruscifolia</i> + <i>Copernicia alba</i>	3	3
1529	<i>Prosopis ruscifolia</i> + <i>Cordia americana</i> + <i>Prosopis kuntzei</i>	1	1
1530	<i>Prosopis ruscifolia</i> + <i>Cordia americana</i> + <i>Salta</i>	1	1
1531	<i>Prosopis ruscifolia</i> + <i>Cordia americana</i> + <i>Schinopsis</i>	1	1
1532	<i>Prosopis ruscifolia</i> + <i>Cynophalla retusa</i>	3	3
1533	<i>Prosopis ruscifolia</i> + <i>Cynophalla retusa</i> + <i>Prosopis kuntzei</i>	1	1
1534	<i>Prosopis ruscifolia</i> + <i>Cynophalla retusa</i> + <i>Prosopis nigra</i>	1	1
1535	<i>Prosopis ruscifolia</i> + <i>Cynophalla retusa</i> + <i>Prosopis</i>	1	1
1536	<i>Prosopis ruscifolia</i> + <i>Geoffroea decorticans</i>	3	3
1537	<i>Prosopis ruscifolia</i> + <i>Geoffroea decorticans</i> + <i>Sarcomphalus</i>	1	1
1538	<i>Prosopis ruscifolia</i> + <i>Gonopterodendron sarmientoi</i>	1	1
1539	<i>Prosopis ruscifolia</i> + <i>Libidibia</i>	1	1
1540	<i>Prosopis ruscifolia</i> + <i>Mimozyganthus carinatus</i>	1	1
1541	<i>Prosopis ruscifolia</i> + <i>Parkinsonia praecox</i>	3	3
1542	<i>Prosopis ruscifolia</i> + <i>Phyllostylon rhamnoides</i> + <i>Diplokeleba</i>	1	1
1543	<i>Prosopis ruscifolia</i> + <i>Prosopis nigra</i>	5	5
1544	<i>Prosopis ruscifolia</i> + <i>Prosopis nigra</i> + <i>Geoffroea</i>	1	1
1545	<i>Prosopis ruscifolia</i> + <i>Prosopis nigra</i> + <i>Parkinsonia praecox</i>	1	1
1546	<i>Prosopis ruscifolia</i> + <i>Prosopis nigra</i> + <i>Sarcomphalus mistol</i>	1	1
1547	<i>Prosopis ruscifolia</i> + <i>Prosopis nigra</i> + <i>Vachellia caven</i>	1	1
1548	<i>Prosopis ruscifolia</i> + <i>Prosopis vinalillo</i> + <i>Geoffroea</i>	1	1
1549	<i>Prosopis ruscifolia</i> + <i>Salta triflora</i>	1	1
1550	<i>Prosopis ruscifolia</i> + <i>Salta triflora</i> + <i>Schinopsis lorentzii</i>	1	1

1551	<i>Prosopis ruscifolia</i> + <i>Sarcomphalus mistol</i>		8	8
1552	<i>Prosopis ruscifolia</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>		2	2
1553	<i>Prosopis ruscifolia</i> + <i>Sarcomphalus mistol</i> + <i>Mimozyganthus</i>		1	1
1554	<i>Prosopis ruscifolia</i> + <i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i>		1	1
1555	<i>Prosopis ruscifolia</i> + <i>Sarcomphalus mistol</i> + <i>Schinopsis</i>		1	1
1556	<i>Prosopis ruscifolia</i> + <i>Sarcomphalus mistol</i> + <i>Trithrinax</i>		1	1
1557	<i>Prosopis ruscifolia</i> + <i>Schinopsis balansae</i>		1	1
1558	<i>Prosopis ruscifolia</i> + <i>Schinopsis lorentzii</i> + <i>Prosopis alba</i>		1	1
1559	<i>Prosopis ruscifolia</i> + <i>Schinopsis lorentzii</i> + <i>Vallesia glabra</i>		1	1
1560	<i>Prosopis ruscifolia</i> + <i>Senegalnia praecox</i> + <i>Aspidosperma</i>		1	1
1561	<i>Prosopis ruscifolia</i> + <i>Senegalnia praecox</i> + <i>Prosopis kuntzei</i>		1	1
1562	<i>Prosopis ruscifolia</i> + <i>Senegalnia praecox</i> + <i>Prosopis nigra</i>		1	1
1563	<i>Prosopis ruscifolia</i> + <i>Sideroxylon</i>		1	1
1564	<i>Prosopis ruscifolia</i> + <i>Sideroxylon obtusifolium</i> + <i>Senegalnia</i>		1	1
1565	<i>Prosopis ruscifolia</i> + <i>Tabebuia nodosa</i>		6	6
1566	<i>Prosopis ruscifolia</i> + <i>Tabebuia nodosa</i> + <i>Achatocarpus</i>		1	1
1567	<i>Prosopis ruscifolia</i> + <i>Tabebuia nodosa</i> + <i>Aspidosperma</i>		1	1
1568	<i>Prosopis ruscifolia</i> + <i>Tabebuia nodosa</i> + <i>Salta triflora</i>		1	1
1569	<i>Prosopis ruscifolia</i> + <i>Tabebuia nodosa</i> + <i>Sarcomphalus mistol</i>		1	1
1570	<i>Prosopis ruscifolia</i> + <i>Trichilia catigua</i> + <i>Bougainvillea</i>		1	1
1571	<i>Prosopis ruscifolia</i> + <i>Trichilia catigua</i> + <i>Sideroxylon</i>		1	1
1572	<i>Prosopis ruscifolia</i> + <i>Trithrinax schizophylla</i> var.		1	1
1573	<i>Prosopis ruscifolia</i> + <i>Trithrinax schizophylla</i> var.		1	1
1574	<i>Prosopis ruscifolia</i> + <i>Vachellia caven</i>		2	2
1575	<i>Prosopis ruscifolia</i> + <i>Vallesia glabra</i>		1	1
1576	<i>Prosopis torquata</i>	1	1	5
1577	<i>Prosopis torquata</i> + <i>Aspidosperma quebracho-blanco</i>		1	1
1578	<i>Prosopis torquata</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Celtis</i>		1	1
1579	<i>Prosopis torquata</i> + <i>Parkinsonia praecox</i> + <i>Prosopis nigra</i>		1	1
1580	<i>Prosopis torquata</i> + <i>Prosopis flexuosa</i>		2	2
1581	<i>Prosopis torquata</i> + <i>Prosopis nigra</i>		2	2
1582	<i>Prosopis torquata</i> + <i>Senegalnia gilliesii</i> + <i>Aspidosperma</i>		1	1
1583	<i>Prosopis vinalillo</i> + <i>Prosopis nigra</i>		1	1
1584	<i>Schinus fasciculatus</i> + <i>Prosopis flexuosa</i>	1		1
1585	<i>Scutia buxifolia</i> + <i>Prosopis nigra</i>	1		1
1586	<i>Scutia buxifolia</i> + <i>Prosopis nigra</i> + <i>Vachellia</i>	1		1
1587	<i>Tessaria integrifolia</i> + <i>Prosopis nigra</i>		1	1
1588	<i>Tessaria integrifolia</i> + <i>Vachellia aroma</i> + <i>Prosopis nigra</i>		1	1
1589	<i>Vachellia caven</i>		1	1
<b><i>Prunus + others</i></b>				
1590	<i>Ilex brevicuspis</i> + <i>Ocotea puberula</i> + <i>Aiouea amoena</i>		1	1
1591	<i>Ilex brevicuspis</i> + <i>Parapiptadenia rigida</i> + <i>Prunus</i>		1	1
1592	<i>Prunus brasiliensis</i>		1	1
1593	<i>Prunus brasiliensis</i> + <i>Machaerium stipitatum</i>		1	1
1594	<i>Prunus brasiliensis</i> + <i>Nectandra angustifolia</i> + <i>Bastardiopsis</i>		1	1
1595	<i>Prunus brasiliensis</i> + <i>Symplocos uniflora</i> + <i>Schinus</i>		1	1
1596	<i>Prunus brasiliensis</i> + <i>Vitex megapotamica</i> + <i>Ruprechtia</i>		1	1
1597	<i>Prunus subcoriacea</i> + <i>Luehea divaricata</i>		1	1
<b><i>Rhamnaceae + others</i></b>				
1598	<i>Condalia buxifolia</i>		1	1
1599	<i>Condalia buxifolia</i> + <i>Geoffroea decorticans</i>		1	1
1600	<i>Condalia buxifolia</i> + <i>Myrcianthes cisplatensis</i> + <i>Lithraea</i>		1	1
1601	<i>Condalia buxifolia</i> + <i>Ruprechtia apetala</i> + <i>Senegalnia praecox</i>		1	1
1602	<i>Condalia buxifolia</i> + <i>Sapium haematospermum</i>		1	1
1603	<i>Condalia microphylla</i> + <i>Celtis ehrenbergiana</i> + <i>Vachellia</i>		1	1
<b><i>Rubiaceae + others</i></b>				
1604	<i>Coutarea hexandra</i>		1	1

***Salicaceae + others***

1605 <i>Salix humboldtiana</i>	4		4
1606 <i>Salix humboldtiana</i> + <i>Celtis ehrenbergiana</i>		1	1
1607 <i>Salix humboldtiana</i> + <i>Nectandra angustifolia</i>	1		1

***Sapindaceae + others***

1608 <i>Allophylus edulis</i>		1	1
1609 <i>Allophylus edulis</i> + <i>Achatocarpus praecox</i> + <i>Sarcomphalus</i>	1		1
1610 <i>Allophylus edulis</i> + <i>Campomanesia xanthocarpa</i>		1	1
1611 <i>Allophylus edulis</i> + <i>Erythroxylum argentinum</i>		1	1
1612 <i>Allophylus edulis</i> + <i>Myrcianthes pungens</i> + <i>Myrsine</i>		1	1
1613 <i>Allophylus edulis</i> + <i>Parapiptadenia excelsa</i> + <i>Duranta</i>	1		1
1614 <i>Allophylus edulis</i> + <i>Sarcomphalus mistol</i> + <i>Enterolobium</i>	1		1
1615 <i>Allophylus edulis</i> + <i>Vassobia breviflora</i>		1	1
1616 <i>Athyana weinmanniifolia</i> + <i>Ceiba chodatii</i> + <i>Parapiptadenia</i>		1	1
1617 <i>Athyana weinmanniifolia</i> + <i>Schinopsis lorentzii</i> + <i>Agonandra</i>		1	1
1618 <i>Cupania vernalis</i> + <i>Croton piluliferus</i> + <i>Handroanthus</i>		1	1
1619 <i>Cupania vernalis</i> + <i>Holocalyx balansae</i> + <i>Matayba</i>	1		1
1620 <i>Cupania vernalis</i> + <i>Prunus brasiliensis</i> + <i>Fagara chiloperone</i>	1		1
1621 <i>Cupania vernalis</i> + <i>Solanum riparium</i>		1	1
1622 <i>Diatenopteryx sorbifolia</i> + <i>Anadenanthera</i>		1	1
1623 <i>Diatenopteryx sorbifolia</i> + <i>Cordia</i>	1		1
1624 <i>Diatenopteryx sorbifolia</i> + <i>Machaerium stipitatum</i> + <i>Cupania</i>	1		1
1625 <i>Diatenopteryx sorbifolia</i> + <i>Nectandra angustifolia</i> + <i>Muellera</i>	2		2
1626 <i>Diatenopteryx sorbifolia</i> + <i>Parapiptadenia</i>	1		1
1627 <i>Diplokeleba floribunda</i> + <i>Gleditsia</i>	1		1
1628 <i>Diplokeleba floribunda</i> + <i>Phyllostylon</i>	1		1
1629 <i>Diplokeleba floribunda</i> + <i>Pisonia zapallo</i> + <i>Phyllostylon</i>	1		1
1630 <i>Diplokeleba floribunda</i> + <i>Ruprechtia laxiflora</i> + <i>Scutia</i>	1		1
1631 <i>Diplokeleba floribunda</i> + <i>Senegalnia praecox</i> + <i>Phyllostylon</i>	1		1
1632 <i>Diplokeleba floribunda</i> + <i>Zanthoxylum</i>	1		1
1633 <i>Matayba elaeagnoides</i> + <i>Nectandra lanceolata</i> + <i>Prunus</i>	1		1
1634 <i>Matayba elaeagnoides</i> + <i>Symplocos uniflora</i> + <i>Nectandra</i>	1		1
1635 <i>Sapindus saponaria</i> + <i>Cordia americana</i> + <i>Diplokeleba</i>	1		1
<b><i>Sapotaceae + others</i></b>			
1636 <i>Aralia warmingiana</i> + <i>Chrysophyllum marginatum</i> + <i>Maclura</i>	1		1
1637 <i>Chrysophyllum gonocarpum</i> + <i>Bastardiopsis</i>	1		1
1638 <i>Chrysophyllum gonocarpum</i> + <i>Jacaratia spinosa</i> + <i>Apuleia</i>	1		1
1639 <i>Chrysophyllum gonocarpum</i> + <i>Ocotea</i>		1	1
1640 <i>Chrysophyllum gonocarpum</i> + <i>Prunus</i>	1		1
1641 <i>Chrysophyllum marginatum</i> + <i>Bastardiopsis</i>	1		1
1642 <i>Chrysophyllum marginatum</i> + <i>Nectandra</i>	1		1
1643 <i>Pouteria salicifolia</i> + <i>Terminalia triflora</i>	1		1
1644 <i>Sideroxylon obtusifolium</i>		1	1
1645 <i>Sideroxylon obtusifolium</i> + <i>Aspidosperma quebracho-</i>	1		1
1646 <i>Sideroxylon obtusifolium</i> + <i>Aspidosperma quebracho-</i>	1		1
1647 <i>Sideroxylon obtusifolium</i> + <i>Copernicia alba</i> + <i>Scutia</i>	1		1
1648 <i>Sideroxylon obtusifolium</i> + <i>Geoffroea decorticans</i>	1		1
1649 <i>Sideroxylon obtusifolium</i> + <i>Gleditsia</i>	1		1
1650 <i>Sideroxylon obtusifolium</i> + <i>Gleditsia amorphoides</i> + <i>Pisonia</i>	1		1
1651 <i>Sideroxylon obtusifolium</i> + <i>Libidibia paraguariensis</i>	1		1
1652 <i>Sideroxylon obtusifolium</i> + <i>Libidibia paraguariensis</i> + <i>Cordia</i>	1		1
1653 <i>Sideroxylon obtusifolium</i> + <i>Libidibia</i>	1		1
1654 <i>Sideroxylon obtusifolium</i> + <i>Nectandra angustifolia</i> + <i>Luehea</i>		1	1
1655 <i>Sideroxylon obtusifolium</i> + <i>Parkinsonia praecox</i> + <i>Prosopis</i>	1		1
1656 <i>Sideroxylon obtusifolium</i> + <i>Phyllostylon</i>	1		1
1657 <i>Sideroxylon obtusifolium</i> + <i>Pisonia zapallo</i> + <i>Ceiba chodatii</i>	1		1
1658 <i>Sideroxylon obtusifolium</i> + <i>Prosopis</i>	1		1

1659	<i>Sideroxylon obtusifolium</i> + <i>Prosopis kuntzei</i> + <i>Sarcomphalus</i>	1	1
1660	<i>Sideroxylon obtusifolium</i> + <i>Prosopis kuntzei</i> + <i>Schinopsis</i>	1	1
1661	<i>Sideroxylon obtusifolium</i> + <i>Salta triflora</i>	1	1
1662	<i>Sideroxylon obtusifolium</i> + <i>Salta triflora</i> + <i>Aspidosperma</i>	1	1
1663	<i>Sideroxylon obtusifolium</i> + <i>Salta triflora</i> + <i>Ceiba</i>	1	1
1664	<i>Sideroxylon obtusifolium</i> + <i>Salta triflora</i> + <i>Schinopsis</i>	3	3
1665	<i>Sideroxylon obtusifolium</i> + <i>Sarcomphalus mistol</i>	1	1
1666	<i>Sideroxylon obtusifolium</i> + <i>Schinopsis balansae</i> + <i>Cynophalla</i>	1	1
1667	<i>Sideroxylon obtusifolium</i> + <i>Schinopsis</i>	1	1
1668	<i>Sideroxylon obtusifolium</i> + <i>Senegalia praecox</i>	2	2
1669	<i>Sideroxylon obtusifolium</i> + <i>Senegalia praecox</i> + <i>Celtis</i>	1	1
1670	<i>Sideroxylon obtusifolium</i> + <i>Senegalia praecox</i> + <i>Salta</i>	1	1
1671	<i>Sideroxylon obtusifolium</i> + <i>Senegalia praecox</i> + <i>Ximenia</i>	1	1
1672	<i>Sideroxylon obtusifolium</i> + <i>Tabebuia nodosa</i> + <i>Senegalia</i>	1	1
1673	<i>Sideroxylon obtusifolium</i> + <i>Trithrinax schizophylla</i> var.	1	1
	<b><i>Sarcomphalus mistol + others</i></b>		
1674	<i>Bougainvillea praecox</i> + <i>Sarcomphalus</i>	1	1
1675	<i>Sarcomphalus mistol</i>	16	16
1676	<i>Sarcomphalus mistol</i> + <i>Achatocarpus praecox</i> + <i>Schinopsis</i>	1	1
1677	<i>Sarcomphalus mistol</i> + <i>Anisocapparis</i>	1	1
1678	<i>Sarcomphalus mistol</i> + <i>Anisocapparis speciosa</i> + <i>Prosopis</i>	1	1
1679	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1680	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1681	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1682	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	2	2
1683	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1684	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	5	5
1685	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1686	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	15	15
1687	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1688	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1689	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1690	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1691	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1692	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	4	4
1693	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1694	<i>Sarcomphalus mistol</i> + <i>Aspidosperma quebracho-</i>	1	1
1695	<i>Sarcomphalus mistol</i> + <i>Bougainvillea campanulata</i>	1	1
1696	<i>Sarcomphalus mistol</i> + <i>Bougainvillea</i>	1	1
1697	<i>Sarcomphalus mistol</i> + <i>Bougainvillea stipitata</i>	1	1
1698	<i>Sarcomphalus mistol</i> + <i>Castela coccinea</i> + <i>Prosopis alba</i>	1	1
1699	<i>Sarcomphalus mistol</i> + <i>Celtis iguanaea</i> + <i>Achatocarpus</i>	1	1
1700	<i>Sarcomphalus mistol</i> + <i>Geoffroea decorticans</i>	2	2
1701	<i>Sarcomphalus mistol</i> + <i>Geoffroea</i>	1	1
1702	<i>Sarcomphalus mistol</i> + <i>Gonopterodendron sarmientoi</i>	2	2
1703	<i>Sarcomphalus mistol</i> + <i>Gonopterodendron</i>	1	1
1704	<i>Sarcomphalus mistol</i> + <i>Gonopterodendron</i>	1	1
1705	<i>Sarcomphalus mistol</i> + <i>Gonopterodendron</i>	1	1
1706	<i>Sarcomphalus mistol</i> + <i>Handroanthus impetiginosus</i>	1	1
1707	<i>Sarcomphalus mistol</i> + <i>Libidibia paraguariensis</i>	1	1
1708	<i>Sarcomphalus mistol</i> + <i>Libidibia</i>	1	1
1709	<i>Sarcomphalus mistol</i> + <i>Libidibia paraguariensis</i> + <i>Schinopsis</i>	1	1
1710	<i>Sarcomphalus mistol</i> + <i>Libidibia paraguariensis</i> + <i>Tabebuia</i>	1	1
1711	<i>Sarcomphalus mistol</i> + <i>Maytenus vitis-idaea</i>	1	1
1712	<i>Sarcomphalus mistol</i> + <i>Parkinsonia praecox</i>	1	1
1713	<i>Sarcomphalus mistol</i> + <i>Parkinsonia praecox</i> + <i>Prosopis nigra</i>	2	2
1714	<i>Sarcomphalus mistol</i> + <i>Parkinsonia praecox</i> + <i>Prosopis</i>	1	1

1715	<i>Sarcomphalus mistol</i> + <i>Parkinsonia praecox</i> + <i>Salta triflora</i>	1	1
1716	<i>Sarcomphalus mistol</i> + <i>Pisonia zapallo</i> + <i>Achatocarpus</i>	1	1
1717	<i>Sarcomphalus mistol</i> + <i>Prosopis alba</i>	3	3
1718	<i>Sarcomphalus mistol</i> + <i>Prosopis alba</i> + <i>Aspidosperma</i>	1	1
1719	<i>Sarcomphalus mistol</i> + <i>Prosopis alba</i> + <i>Gonopterodendron</i>	1	1
1720	<i>Sarcomphalus mistol</i> + <i>Prosopis alba</i> + <i>Prosopis</i>	1	1
1721	<i>Sarcomphalus mistol</i> + <i>Prosopis alba</i> + <i>Senegalia</i>	1	1
1722	<i>Sarcomphalus mistol</i> + <i>Prosopis elata</i>	1	1
1723	<i>Sarcomphalus mistol</i> + <i>Prosopis elata</i> + <i>Salta triflora</i>	1	1
1724	<i>Sarcomphalus mistol</i> + <i>Prosopis flexuosa</i> + <i>Aspidosperma</i>	1	1
1725	<i>Sarcomphalus mistol</i> + <i>Prosopis kuntzei</i> + <i>Libidibia</i>	1	1
1726	<i>Sarcomphalus mistol</i> + <i>Prosopis kuntzei</i> + <i>Schinopsis lorentzii</i>	1	1
1727	<i>Sarcomphalus mistol</i> + <i>Prosopis kuntzei</i> + <i>Senegalia praecox</i>	1	1
1728	<i>Sarcomphalus mistol</i> + <i>Prosopis kuntzei</i> + <i>Senegalia</i>	1	1
1729	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i>	16	16
1730	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Aspidosperma</i>	3	3
1731	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Aspidosperma</i>	1	1
1732	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Aspidosperma</i>	1	1
1733	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Castela coccinea</i>	1	1
1734	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Cynophalla retusa</i>	1	1
1735	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Parkinsonia praecox</i>	1	1
1736	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Parkinsonia</i>	1	1
1737	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Schinopsis lorentzii</i>	2	2
1738	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Senegalia gilliesii</i>	1	1
1739	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Senegalia</i>	1	1
1740	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Sideroxylon</i>	1	1
1741	<i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i> + <i>Vachellia aroma</i>	2	2
1742	<i>Sarcomphalus mistol</i> + <i>Prosopis ruscifolia</i>	4	4
1743	<i>Sarcomphalus mistol</i> + <i>Prosopis ruscifolia</i> + <i>Parkinsonia</i>	1	1
1744	<i>Sarcomphalus mistol</i> + <i>Prosopis ruscifolia</i> + <i>Prosopis alba</i>	1	1
1745	<i>Sarcomphalus mistol</i> + <i>Prosopis ruscifolia</i> + <i>Prosopis nigra</i>	1	1
1746	<i>Sarcomphalus mistol</i> + <i>Prosopis ruscifolia</i> + <i>Sideroxylon</i>	1	1
1747	<i>Sarcomphalus mistol</i> + <i>Prosopis torquata</i>	1	1
1748	<i>Sarcomphalus mistol</i> + <i>Ruprechtia apetala</i> + <i>Bougainvillea</i>	1	1
1749	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i>	3	3
1750	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Aspidosperma</i>	2	2
1751	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Aspidosperma</i>	2	2
1752	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Aspidosperma</i>	1	1
1753	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Gonopterodendron</i>	1	1
1754	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Libidibia</i>	3	3
1755	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Prosopis alba</i>	3	3
1756	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Pterogyne nitens</i>	1	1
1757	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Schinopsis lorentzii</i>	3	3
1758	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Schinopsis</i>	1	1
1759	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Schinopsis</i>	1	1
1760	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Senegalia praecox</i>	1	1
1761	<i>Sarcomphalus mistol</i> + <i>Salta triflora</i> + <i>Tabebuia nodosa</i>	2	2
1762	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i>	25	25
1763	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Aspidosperma</i>	10	10
1764	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Aspidosperma</i>	1	1
1765	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Ceiba</i>	1	1
1766	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Libidibia</i>	1	1
1767	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Salta triflora</i>	5	5
1768	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Salta</i>	1	1
1769	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Senegalia</i>	2	2
1770	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Sideroxylon</i>	1	1
1771	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Sideroxylon</i>	1	1

1772	<i>Sarcomphalus mistol</i> + <i>Schinopsis lorentzii</i> + <i>Ximenia</i>	1	1
1773	<i>Sarcomphalus mistol</i> + <i>Schinus longifolius</i>	4	4
1774	<i>Sarcomphalus mistol</i> + <i>Schinus longifolius</i> + <i>Aspidosperma</i>	1	1
1775	<i>Sarcomphalus mistol</i> + <i>Senegalia gilliesii</i> + <i>Prosopis nigra</i>	2	2
1776	<i>Sarcomphalus mistol</i> + <i>Senegalia gilliesii</i> + <i>Schinopsis</i>	2	2
1777	<i>Sarcomphalus mistol</i> + <i>Senegalia praecox</i>	4	4
1778	<i>Sarcomphalus mistol</i> + <i>Senegalia praecox</i> + <i>Aspidosperma</i>	3	3
1779	<i>Sarcomphalus mistol</i> + <i>Senegalia praecox</i> + <i>Cynophalla</i>	1	1
1780	<i>Sarcomphalus mistol</i> + <i>Senegalia praecox</i> + <i>Prosopis kuntzei</i>	1	1
1781	<i>Sarcomphalus mistol</i> + <i>Senegalia praecox</i> + <i>Prosopis nigra</i>	1	1
1782	<i>Sarcomphalus mistol</i> + <i>Sideroxylon obtusifolium</i>	2	2
1783	<i>Sarcomphalus mistol</i> + <i>Sideroxylon obtusifolium</i> + <i>Schinopsis</i>	1	1
1784	<i>Sarcomphalus mistol</i> + <i>Sideroxylon obtusifolium</i> + <i>Schinopsis</i>	1	1
1785	<i>Sarcomphalus mistol</i> + <i>Tabebuia nodosa</i> + <i>Aspidosperma</i>	1	1
1786	<i>Sarcomphalus mistol</i> + <i>Tabebuia nodosa</i> + <i>Gonopterodendron</i>	1	1
1787	<i>Sarcomphalus mistol</i> + <i>Tabebuia nodosa</i> + <i>Prosopis nigra</i>	1	1
1788	<i>Sarcomphalus mistol</i> + <i>Trithrinax schizophylla</i> var.	1	1
1789	<i>Sarcomphalus mistol</i> + <i>Trithrinax schizophylla</i> var.	1	1
1790	<i>Sarcomphalus mistol</i> + <i>Vachellia aroma</i>	4	4
1791	<i>Sarcomphalus mistol</i> + <i>Vachellia caven</i> + <i>Aspidosperma</i>	1	1
1792	<i>Sarcomphalus mistol</i> + <i>Ximenia americana</i> + <i>Schinopsis</i>	1	1
<b><i>Schinopsis + others</i></b>			
1793	<i>Achatocarpus praecox</i> + <i>Schinopsis balansae</i> + <i>Pisonia</i>	1	1
1794	<i>Bougainvillea praecox</i> + <i>Schinopsis lorentzii</i> + <i>Sarcomphalus</i>	1	1
1795	<i>Maytenus viscidifolia</i> + <i>Schinopsis lorentzii</i>	1	1
1796	<i>Schinopsis balansae</i>	2	2
1797	<i>Schinopsis balansae</i> + <i>Acanthosyris falcata</i> + <i>Cordia</i>	1	1
1798	<i>Schinopsis balansae</i> + <i>Aspidosperma quebracho-blanco</i>	1	1
1799	<i>Schinopsis balansae</i> + <i>Aspidosperma quebracho-</i>	1	1
1800	<i>Schinopsis balansae</i> + <i>Cordia americana</i> + <i>Anadenanthera</i>		1
1801	<i>Schinopsis balansae</i> + <i>Cordia americana</i> + <i>Gleditsia</i>	1	1
1802	<i>Schinopsis balansae</i> + <i>Cordia americana</i> + <i>Prosopis nigra</i>	1	1
1803	<i>Schinopsis balansae</i> + <i>Gleditsia amorphoides</i> + <i>Myrcianthes</i>	1	1
1804	<i>Schinopsis balansae</i> + <i>Gleditsia amorphoides</i> + <i>Prosopis alba</i>	1	1
1805	<i>Schinopsis balansae</i> + <i>Gleditsia amorphoides</i> + <i>Tabebuia</i>	1	1
1806	<i>Schinopsis balansae</i> + <i>Libidibia paraguariensis</i>	1	1
1807	<i>Schinopsis balansae</i> + <i>Libidibia paraguariensis</i> + <i>Prosopis</i>	1	1
1808	<i>Schinopsis balansae</i> + <i>Libidibia paraguariensis</i> + <i>Senegalia</i>	1	1
1809	<i>Schinopsis balansae</i> + <i>Pisonia zapallo</i> + <i>Tabebuia</i>	1	1
1810	<i>Schinopsis balansae</i> + <i>Prosopis affinis</i> + <i>Sideroxylon</i>	2	2
1811	<i>Schinopsis balansae</i> + <i>Prosopis alba</i>	2	2
1812	<i>Schinopsis balansae</i> + <i>Prosopis alba</i> + <i>Diplokeleba</i>	1	1
1813	<i>Schinopsis balansae</i> + <i>Prosopis alba</i> + <i>Myrcianthes</i>	1	1
1814	<i>Schinopsis balansae</i> + <i>Prosopis alba</i> + <i>Senegalia praecox</i>	1	1
1815	<i>Schinopsis balansae</i> + <i>Prosopis kuntzei</i>	2	2
1816	<i>Schinopsis balansae</i> + <i>Prosopis nigra</i>	1	1
1817	<i>Schinopsis balansae</i> + <i>Prosopis nigra</i> + <i>Diplokeleba</i>	1	1
1818	<i>Schinopsis balansae</i> + <i>Prosopis nigra</i> + <i>Prosopis kuntzei</i>	1	1
1819	<i>Schinopsis balansae</i> + <i>Prosopis nigra</i> + <i>Ruprechtia laxiflora</i>	1	1
1820	<i>Schinopsis balansae</i> + <i>Ruprechtia laxiflora</i>	1	1
1821	<i>Schinopsis balansae</i> + <i>Ruprechtia laxiflora</i> + <i>Cordia</i>	1	1
1822	<i>Schinopsis balansae</i> + <i>Ruprechtia laxiflora</i> + <i>Prosopis alba</i>	1	1
1823	<i>Schinopsis balansae</i> + <i>Sarcomphalus mistol</i>	1	1
1824	<i>Schinopsis balansae</i> + <i>Sarcomphalus mistol</i> + <i>Prosopis</i>	1	1
1825	<i>Schinopsis balansae</i> + <i>Sarcomphalus mistol</i> + <i>Prosopis</i>	1	1
1826	<i>Schinopsis balansae</i> + <i>Schinus fasciculatus</i> + <i>Achatocarpus</i>	1	1
1827	<i>Schinopsis balansae</i> + <i>Senegalia praecox</i>	1	1

1828	<i>Schinopsis balansae</i> + <i>Senegalia praecox</i> + <i>Ceiba chodatii</i>	1	1
1829	<i>Schinopsis balansae</i> + <i>Senegalia praecox</i> + <i>Cordia</i>	1	1
1830	<i>Schinopsis balansae</i> + <i>Senegalia praecox</i> + <i>Cordia</i>	1	1
1831	<i>Schinopsis balansae</i> + <i>Senegalia praecox</i> + <i>Cordia</i>	1	1
1832	<i>Schinopsis balansae</i> + <i>Senegalia praecox</i> + <i>Pisonia zapallo</i>	1	1
1833	<i>Schinopsis balansae</i> + <i>Senegalia praecox</i> + <i>Schinus</i>	1	1
1834	<i>Schinopsis balansae</i> + <i>Senegalia praecox</i> + <i>Trithrinax</i>	1	1
1835	<i>Schinopsis balansae</i> + <i>Sideroxylon obtusifolium</i>	1	1
1836	<i>Schinopsis balansae</i> + <i>Sideroxylon obtusifolium</i> + <i>Cordia</i>	1	1
1837	<i>Schinopsis balansae</i> + <i>Tabebuia nodosa</i>	2	2
1838	<i>Schinopsis balansae</i> + <i>Tabebuia nodosa</i> + <i>Prosopis nigra</i>	1	1
1839	<i>Schinopsis balansae</i> + <i>Tabebuia nodosa</i> + <i>Ruprechtia</i>	1	1
1840	<i>Schinopsis balansae</i> + <i>Tabebuia nodosa</i> + <i>Salta triflora</i>	1	1
1841	<i>Schinopsis balansae</i> + <i>Tabebuia nodosa</i> + <i>Sarcomphalus</i>	1	1
1842	<i>Schinopsis lorentzii</i>	24	24
1843	<i>Schinopsis lorentzii</i> + <i>Anadenanthera colubrina</i>	1	1
1844	<i>Schinopsis lorentzii</i> + <i>Anadenanthera</i>	1	1
1845	<i>Schinopsis lorentzii</i> + <i>Anadenanthera colubrina</i> + <i>Salta</i>	1	1
1846	<i>Schinopsis lorentzii</i> + <i>Aralia soratensis</i>	1	1
1847	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-blanco</i>	34	1
1848	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1849	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1850	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	2	2
1851	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1852	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	2	2
1853	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	4	4
1854	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1855	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	3	3
1856	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	2	2
1857	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1858	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	12	12
1859	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1860	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1861	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1862	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1863	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1864	<i>Schinopsis lorentzii</i> + <i>Aspidosperma quebracho-</i>	1	1
1865	<i>Schinopsis lorentzii</i> + <i>Bougainvillea stipitata</i> + <i>Aspidosperma</i>	1	1
1866	<i>Schinopsis lorentzii</i> + <i>Ceiba chodatii</i> + <i>Blepharocalyx</i>	1	1
1867	<i>Schinopsis lorentzii</i> + <i>Celtis ehrenbergiana</i> + <i>Geoffroea</i>	1	1
1868	<i>Schinopsis lorentzii</i> + <i>Cordia americana</i> + <i>Senegalia praecox</i>	1	1
1869	<i>Schinopsis lorentzii</i> + <i>Cybistax antisiphilitica</i> + <i>Ruprechtia</i>	1	1
1870	<i>Schinopsis lorentzii</i> + <i>Cynophalla retusa</i> + <i>Sarcomphalus</i>	1	1
1871	<i>Schinopsis lorentzii</i> + <i>Libidibia paraguariensis</i>	5	1
1872	<i>Schinopsis lorentzii</i> + <i>Libidibia</i>	2	2
1873	<i>Schinopsis lorentzii</i> + <i>Libidibia</i>	1	1
1874	<i>Schinopsis lorentzii</i> + <i>Libidibia paraguariensis</i> + <i>Ceiba</i>	1	1
1875	<i>Schinopsis lorentzii</i> + <i>Libidibia paraguariensis</i> + <i>Ruprechtia</i>	1	1
1876	<i>Schinopsis lorentzii</i> + <i>Libidibia</i>	1	1
1877	<i>Schinopsis lorentzii</i> + <i>Maytenus viscifolia</i> + <i>Libidibia</i>	1	1
1878	<i>Schinopsis lorentzii</i> + <i>Ocotea porphyria</i> + <i>Anadenanthera</i>	1	1
1879	<i>Schinopsis lorentzii</i> + <i>Parapiptadenia excelsa</i>	1	1
1880	<i>Schinopsis lorentzii</i> + <i>Parapiptadenia excelsa</i> + <i>Gleditsia</i>	1	1
1881	<i>Schinopsis lorentzii</i> + <i>Parapiptadenia excelsa</i> + <i>Tipuana</i>	1	1
1882	<i>Schinopsis lorentzii</i> + <i>Parkinsonia praecox</i> + <i>Aspidosperma</i>	1	1
1883	<i>Schinopsis lorentzii</i> + <i>Parkinsonia praecox</i> + <i>Senegalia</i>	1	1
1884	<i>Schinopsis lorentzii</i> + <i>Parkinsonia praecox</i> + <i>Tabebuia</i>	1	1

1885	<i>Schinopsis lorentzii</i> + <i>Phyllostylon</i>		1	1
1886	<i>Schinopsis lorentzii</i> + <i>Prosopis alba</i> + <i>Sarcomphalus mistol</i>	1	1	
1887	<i>Schinopsis lorentzii</i> + <i>Prosopis kuntzei</i>	1	1	
1888	<i>Schinopsis lorentzii</i> + <i>Prosopis kuntzei</i> + <i>Aspidosperma</i>	1	1	
1889	<i>Schinopsis lorentzii</i> + <i>Prosopis kuntzei</i> + <i>Sarcomphalus mistol</i>	1	1	
1890	<i>Schinopsis lorentzii</i> + <i>Prosopis nigra</i>	2	2	
1891	<i>Schinopsis lorentzii</i> + <i>Prosopis nigra</i> + <i>Aspidosperma</i>	2	2	
1892	<i>Schinopsis lorentzii</i> + <i>Prosopis nigra</i> + <i>Parkinsonia praecox</i>	1	1	
1893	<i>Schinopsis lorentzii</i> + <i>Prosopis torquata</i> + <i>Senegalia</i>	1	1	
1894	<i>Schinopsis lorentzii</i> + <i>Ruprechtia apetala</i>	1	1	
1895	<i>Schinopsis lorentzii</i> + <i>Ruprechtia apetala</i> + <i>Achatocarpus</i>	1	1	
1896	<i>Schinopsis lorentzii</i> + <i>Salta triflora</i>	1	1	
1897	<i>Schinopsis lorentzii</i> + <i>Salta triflora</i> + <i>Aspidosperma</i>	4	4	
1898	<i>Schinopsis lorentzii</i> + <i>Salta triflora</i> + <i>Aspidosperma</i>	1	1	
1899	<i>Schinopsis lorentzii</i> + <i>Salta triflora</i> + <i>Calycophyllum</i>	1	1	
1900	<i>Schinopsis lorentzii</i> + <i>Salta triflora</i> + <i>Sarcomphalus mistol</i>	1	1	
1901	<i>Schinopsis lorentzii</i> + <i>Salta triflora</i> + <i>Tabebuia nodosa</i>	2	2	
1902	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i>	18	18	
1903	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>	5	5	
1904	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>	2	2	
1905	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>	1	1	
1906	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>	1	1	
1907	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Aspidosperma</i>	1	1	
1908	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Bougainvillea</i>	1	1	
1909	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Celtis iguanaea</i>	1	1	
1910	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Libidibia</i>	1	1	
1911	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Parkinsonia</i>	1	1	
1912	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Prosopis nigra</i>	2	2	
1913	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Prosopis</i>	1	1	
1914	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Ruprechtia</i>	1	1	
1915	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Salta triflora</i>	3	3	
1916	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Sarcotoxicum</i>	1	1	
1917	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Senegalia</i>	1	1	
1918	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Sideroxylon</i>	1	1	
1919	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Tabebuia</i>	1	1	
1920	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Tabebuia</i>	1	1	
1921	<i>Schinopsis lorentzii</i> + <i>Sarcomphalus mistol</i> + <i>Tabebuia</i>	1	1	
1922	<i>Schinopsis lorentzii</i> + <i>Schinus fasciculatus</i>	1	1	
1923	<i>Schinopsis lorentzii</i> + <i>Senegalia gilliesii</i>	1	1	
1924	<i>Schinopsis lorentzii</i> + <i>Senegalia gilliesii</i> + <i>Aspidosperma</i>	1	1	
1925	<i>Schinopsis lorentzii</i> + <i>Senegalia praecox</i>	3	3	
1926	<i>Schinopsis lorentzii</i> + <i>Senegalia praecox</i> + <i>Aspidosperma</i>	1	1	
1927	<i>Schinopsis lorentzii</i> + <i>Senegalia praecox</i> + <i>Libidibia</i>	1	1	
1928	<i>Schinopsis lorentzii</i> + <i>Senegalia praecox</i> + <i>Prosopis</i>	1	1	
1929	<i>Schinopsis lorentzii</i> + <i>Senegalia praecox</i> + <i>Salta triflora</i>	1	1	
1930	<i>Schinopsis lorentzii</i> + <i>Sideroxylon</i>	1	1	
1931	<i>Schinopsis lorentzii</i> + <i>Sideroxylon</i>	1	1	
1932	<i>Schinopsis lorentzii</i> + <i>Sideroxylon</i>	1	1	
1933	<i>Schinopsis lorentzii</i> + <i>Tabebuia nodosa</i>	1	1	
1934	<i>Schinopsis lorentzii</i> + <i>Tabebuia nodosa</i> + <i>Aspidosperma</i>	1	1	
1935	<i>Schinopsis lorentzii</i> + <i>Tabebuia nodosa</i> + <i>Aspidosperma</i>	1	1	
1936	<i>Schinopsis lorentzii</i> + <i>Tabebuia nodosa</i> + <i>Libidibia</i>	1	1	
1937	<i>Schinopsis lorentzii</i> + <i>Terminalia triflora</i> + <i>Cordia</i>		1	1
1938	<i>Schinopsis lorentzii</i> + <i>Ximenia americana</i> + <i>Aspidosperma</i>	1	1	
<b><i>Tabebuia nodosa + others</i></b>				
1939	<i>Tabebuia nodosa</i>	10	10	
1940	<i>Tabebuia nodosa</i> + <i>Acanthosyris falcata</i> + <i>Sarcomphalus</i>	1	1	

1941	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-</i>	1	1
1942	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-</i>	3	3
1943	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-</i>	1	1
1944	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-</i>	1	1
1945	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-</i>	1	1
1946	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Salta</i>	1	1
1947	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-blanco</i> + <i>Salta</i>	2	2
1948	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-</i>	1	1
1949	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-</i>	1	1
1950	<i>Tabebuia nodosa</i> + <i>Aspidosperma quebracho-</i>	1	1
1951	<i>Tabebuia nodosa</i> + <i>Bougainvillea campanulata</i> + <i>Vachellia</i>	1	1
1952	<i>Tabebuia nodosa</i> + <i>Bougainvillea praecox</i> + <i>Aspidosperma</i>	1	1
1953	<i>Tabebuia nodosa</i> + <i>Calycophyllum multiflorum</i>	1	1
1954	<i>Tabebuia nodosa</i> + <i>Copernicia alba</i>	1	1
1955	<i>Tabebuia nodosa</i> + <i>Copernicia alba</i> + <i>Cynophalla retusa</i>	1	1
1956	<i>Tabebuia nodosa</i> + <i>Copernicia alba</i> + <i>Geoffroea decorticans</i>	1	1
1957	<i>Tabebuia nodosa</i> + <i>Copernicia alba</i> + <i>Sideroxylon</i>	1	1
1958	<i>Tabebuia nodosa</i> + <i>Geoffroea decorticans</i>	2	2
1959	<i>Tabebuia nodosa</i> + <i>Gonopterodendron sarmientoi</i>	1	1
1960	<i>Tabebuia nodosa</i> + <i>Gonopterodendron sarmientoi</i> + <i>Salta</i>	1	1
1961	<i>Tabebuia nodosa</i> + <i>Gonopterodendron sarmientoi</i> + <i>Salta</i>	1	1
1962	<i>Tabebuia nodosa</i> + <i>Libidibia paraguariensis</i>	2	2
1963	<i>Tabebuia nodosa</i> + <i>Libidibia paraguariensis</i> + <i>Prosopis alba</i>	1	1
1964	<i>Tabebuia nodosa</i> + <i>Libidibia paraguariensis</i> + <i>Sarcomphalus</i>	1	1
1965	<i>Tabebuia nodosa</i> + <i>Maytenus vitis-idaea</i> + <i>Prosopis ruscifolia</i>	1	1
1966	<i>Tabebuia nodosa</i> + <i>Mimozyanthus carinatus</i>	4	4
1967	<i>Tabebuia nodosa</i> + <i>Parkinsonia praecox</i>	1	1
1968	<i>Tabebuia nodosa</i> + <i>Prosopis alba</i>	2	2
1969	<i>Tabebuia nodosa</i> + <i>Prosopis nigra</i>	3	3
1970	<i>Tabebuia nodosa</i> + <i>Prosopis nigra</i> + <i>Salta triflora</i>	1	1
1971	<i>Tabebuia nodosa</i> + <i>Prosopis nigra</i> + <i>Schinopsis balansae</i>	2	2
1972	<i>Tabebuia nodosa</i> + <i>Prosopis ruscifolia</i>	8	8
1973	<i>Tabebuia nodosa</i> + <i>Prosopis ruscifolia</i> + <i>Cynophalla</i>	1	1
1974	<i>Tabebuia nodosa</i> + <i>Prosopis ruscifolia</i> + <i>Gonopterodendron</i>	1	1
1975	<i>Tabebuia nodosa</i> + <i>Prosopis ruscifolia</i> + <i>Prosopis nigra</i>	1	1
1976	<i>Tabebuia nodosa</i> + <i>Prosopis ruscifolia</i> + <i>Salta triflora</i>	1	1
1977	<i>Tabebuia nodosa</i> + <i>Salta triflora</i>	2	2
1978	<i>Tabebuia nodosa</i> + <i>Salta triflora</i> + <i>Aspidosperma triternatum</i>	1	1
1979	<i>Tabebuia nodosa</i> + <i>Salta triflora</i> + <i>Gonopterodendron</i>	1	1
1980	<i>Tabebuia nodosa</i> + <i>Salta triflora</i> + <i>Pisonia zapallo</i>	1	1
1981	<i>Tabebuia nodosa</i> + <i>Salta triflora</i> + <i>Sarcomphalus mistol</i>	1	1
1982	<i>Tabebuia nodosa</i> + <i>Salta triflora</i> + <i>Schinopsis lorentzii</i>	1	1
1983	<i>Tabebuia nodosa</i> + <i>Salta triflora</i> + <i>Schinopsis</i>	2	2
1984	<i>Tabebuia nodosa</i> + <i>Salta triflora</i> + <i>Senegalia</i>	1	1
1985	<i>Tabebuia nodosa</i> + <i>Sarcomphalus mistol</i>	1	1
1986	<i>Tabebuia nodosa</i> + <i>Sarcomphalus mistol</i> + <i>Prosopis</i>	1	1
1987	<i>Tabebuia nodosa</i> + <i>Sarcomphalus mistol</i> + <i>Schinopsis</i>	1	1
1988	<i>Tabebuia nodosa</i> + <i>Schinopsis balansae</i> + <i>Prosopis</i>	1	1
1989	<i>Tabebuia nodosa</i> + <i>Schinopsis lorentzii</i>	3	3
1990	<i>Tabebuia nodosa</i> + <i>Schinopsis lorentzii</i> + <i>Aspidosperma</i>	2	2
1991	<i>Tabebuia nodosa</i> + <i>Schinopsis lorentzii</i> + <i>Bougainvillea</i>	1	1
1992	<i>Tabebuia nodosa</i> + <i>Schinopsis lorentzii</i> + <i>Sarcomphalus</i>	2	2
1993	<i>Tabebuia nodosa</i> + <i>Vachellia caven</i>	1	1
<b><i>Urticaceae + others</i></b>			
1994	<i>Cecropia pachystachya</i> + <i>Alchornea glandulosa</i> + <i>Ocotea</i>	1	1
1995	<i>Cecropia pachystachya</i> + <i>Trema micrantha</i> + <i>Chrysophyllum</i>	1	1
<b><i>Zanthoxylum + others</i></b>			

1996	<i>Zanthoxylum coco</i>	1	1	2
1997	<i>Zanthoxylum coco+Juglans australis+Allophylus</i>	1		1
<b><i>Zygophyllaceae + others</i></b>				
1998	<i>Bulnesia retama</i>	4		4
1999	<i>Bulnesia retama+Prosopis chilensis</i>	1		1
2000	<i>Bulnesia retama+Prosopis flexuosa</i>	2		2
2001	<i>Bulnesia retama+Vachellia aroma</i>	1		1
2002	<i>Celtis ehrenbergiana+Bulnesia retama+Geoffroea</i>	1		1
2003	<i>Senegalia gilliesii+Bulnesia retama</i>	1		1