

Fossil woods from Argentina (1884–2021)

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Abstract: Argentinean fossil woods have been studied since the end of the XIX century and numerous publications have dealt with this type of fossil. A database of 324 records including fossil woods from the Carboniferous to the Pleistocene found in Argentina (including Malvinas/Falkland Islands) was built. The publications about fossil wood records through 134 years (1884–2021) can be divided into three periods, i) publications by non-Argentine researchers (1884–1940), ii) sporadic publications by researchers from Argentina (1941–1999), and iii) frequent publications by researchers from Argentina (2000–2021). The database has updated information (i.e., age, synonyms, repository). Most of the records are gymnosperms (57 %, including among others, conifer-like woods, cycads, pteridosperms, and corystosperms), and the remaining are angiosperm woods (43 %). The latter appeared in the Cretaceous and are dominant in the Cenozoic, reflecting the worldwide expansion of angiosperms since the Cretaceous. The majority of the records are from Patagonia, and Cretaceous–Cenozoic. The trend indicates that many more articles dealing with fossil woods will be published in the next years.

Keywords: Paleobotany, xylogy, wood anatomy, Patagonia, South America, fossil forests.

Resumen: Las maderas fósiles de Argentina (1884–2021). Las maderas fósiles argentinas han sido estudiadas desde fines del siglo XIX y numerosas publicaciones incluyen este tipo de fósil. Se realizó una base de datos de 324 registros con las maderas fósiles del Carbonífero al Pleistoceno encontradas en Argentina (incluyendo las islas Malvinas/Falkland). Las publicaciones con registros de maderas realizadas en 134 años (1884–2021) pueden ser divididas en tres períodos, i) publicaciones por investigadores no argentinos (1884–1940), ii) publicaciones esporádicas de investigadores argentinos (1941–1999) y iii) publicaciones frecuentes de investigadores argentinos (2000–2021). La base de datos tiene la información actualizada (i.e., edad, sinónimos, repositorio). La mayoría de los registros son de gimnospermas (57 %, incluyendo entre otros, maderas tipo conífera, cícadas, pteridospermas y coristospermas) y las restantes son angiospermas (43 %). Estas últimas aparecieron en el Cretácico y son dominantes en el Cenozoico, lo que refleja la expansión global de las angiospermas a partir del Cretácico. La mayoría de los registros son de la Patagonia y del Cretácico–Cenozoico. La tendencia indica que en los próximos años se publicarán muchos más artículos sobre maderas fósiles.

Palabras claves: Paleobotánica, xilología, anatomía de madera, Patagonia, Sudamérica, bosques fósiles.

INTRODUCTION

Fossil wood (secondary xylem) records from Argentina are abundant. They came from a wide time range, from the middle Carboniferous (Pujana & Césari 2008) to the Pleistocene (e.g., Moya & Brea 2015a), covering all periods/epochs between them. Fossil woods have been described since 1884 and in 134 years (1884–2021) the anatomy of more than 900 specimens was studied. This type of fossil plant is essential to reconstruct the past flora and the canopy composition of the forests of the past. In addition, based on detailed studies of the woods, inferences about the paleoclimate (e.g., Ruiz *et al.* 2021) are made.

Moreover, interactions between plants and fungi (e.g., Greppi *et al.* 2018) and plants and arthropods (e.g., Greppi *et al.* 2021a) are commonly described.

Fossil wood was the first type of fossil to be observed in a (rudimentary) microscope and illustrated and published (Hook 1665). In the first half of the XIX century, Witham (1831) illustrated the first transverse sections of fossil woods and later the first detailed descriptions of fossil wood anatomy were published, mostly with specimens from Europe (e.g., Lindley & Hutton 1833; Witham 1833; Zenker 1833). Since then, thousands of woods have been described worldwide. In Argentina, the first mentions of fossil

woods are from the early XIX century (Ottone 2005), but the first anatomy descriptions were made by Conwentz (1884).

Some databases of Argentinean paleobotany records have been published (Menéndez 1968, 1979; Archangelsky *et al.* 2000), and some exclusively of fossil woods (Lutz & Herbst 1986; Herbst *et al.* 2007) or woods of a taxonomic group (e.g., Pujana *et al.* 2011). In addition, some global fossil databases include Argentinean woods (e.g., Gregory *et al.* 2009; InsideWood 2004-onwards; Philippe *et al.* 2004). However, they are now outdated, and the last database of Argentinean fossil woods by Herbst *et al.* (2007) contains only a part (less than 40 %) of the records compiled herein. Besides, this new database includes repository numbers, the newest nomenclature/systematics, synonyms, and the newest given ages to the fossiliferous localities or stratigraphic units.

MATERIALS AND METHODS

The database has all the fossil wood records found in Argentina published up to 2021 from the Carboniferous to the Pleistocene; subfossils from the Holocene (e.g., Rabassa *et al.* 1991) are omitted. It includes records from the Malvinas/Falkland Islands, but not the sector of Antarctica claimed by Argentina. Each record (or entry) of the database corresponds to a taxonomic unit from a stratigraphic unit, similar criteria used by Pujana *et al.* (2011; 2021a) and Panti *et al.* (2012). Each record may have a formal species name (e.g., *Nothofagoxydon triseriatum*), an informal name (e.g., “sample x”, or “xilotipo 3”) or an open nomenclature name (e.g., *Agathoxydon* sp.). Specimens assigned to “indeterminate conifer” or similar designation (e.g., Pujana *et al.* 2020a) without a description are not included. A taxonomic unit found in two localities of the same stratigraphic unit but far away enough (i.e., more than ca. 50 km) and published separately are included in different records (e.g., Pujana *et al.* 2020b and Pujana *et al.* 2021b). References of revisions and re-descriptions are included in the record of the original description.

Only secondary xylem (wood) with anatomical descriptions are included, with or without primary structures (i.e., pith and primary xylem). Records with the mere mention of fossil wood names, if they do not have at least some description or illustration of anatomical features, are not included (e.g., Darwin 1839; Frenguelli 1946; Archangelsky & Brett 1960; Artabe & Zamuner 1991; Ganuza *et al.* 1998; Zucol *et al.* 2005). The

database does not include palms (e.g., Ancíbor 1995) and tree ferns (e.g., Herbst 2006), plants that lack typical secondary xylem. However, it includes manoxylic gymnosperms like cycads (e.g., Martínez *et al.* 2012). The database includes records published in articles from journals, books, book chapters, and special publications. It does not include conference abstracts, theses or unpublished publications.

RESULTS

A brief history of Argentinean fossil wood studies

In Argentina, the presence of fossil woods has been mentioned since the beginning of the XIX Century (Ottone 2005). Azara (1809) mentioned for the first time fossil woods from Paraná and Uruguay rivers, but he was unaware that the pieces of wood were fossilized. Later D’Orbigny (1835) mentioned and recognized silicified woods as fossils (Ottone 2005). However, the first mention of fossil wood with some taxonomic identification is that of Darwin (1839), who mentioned the presence of fossil woods from the Triassic of Uspallata, Mendoza Province. Darwin’s samples were identified by Robert Brown, an English botanist, as araucariaceous, but they did not provide more anatomical details and therefore that record is not included in the database herein. Fossil woods from this fossiliferous locality (now called Darwin’s Forest, not to be confused with another Darwin’s Forest from Chile) were later described by Brea (1997) as *Araucarioxylon protoarauca-na* Brea (Thomas 2009) and by Artabe & Brea (2003) as *Cuneumxylon spallettii* Artabe & Brea. Studies of fossil wood anatomy from Argentina can be divided into three periods.

i) Publications by non-Argentine researchers (1884–1940): The first detailed study with anatomical descriptions and the first naming of new fossil species from Argentina (and South America) was made by Conwentz (1884). Hugo Conwentz, 1855–1922, was a German botanist who described seven taxonomic units from the Tertiary of today Río Negro Province. These fossil woods were collected by the Argentine geologist Adolfo Döring and other collaborators during the “Conquista del Desierto” (sic), a military expedition (Herbst 2013). This article, according to the publications of that time, has short descriptions of dicots and conifers and no illustrations. Some of these specimens, deposited in Córdoba Province, were being revised (Herbst 2013; Crisafulli & Herbst 2014). Twenty-six years af-

ter, Halle (1912) described four taxonomic units from the Permian and Cenozoic of the Malvinas/Falkland Islands. Publications from 1912 to 1940 are sporadic (e.g., Gothan 1925) and the article of Kräusel (1924) stands out in this period. Richard Kräusel (1890–1966) was a German botanist, who described in his article (Kräusel 1924) several fossil woods from Chilean and Argentinean Patagonia. Most of the fossil species' names are still in use.

ii) *Sporadic publications by researchers from Argentina (1941–1999)*: After fourteen years without publications on fossil woods, Lucas Tortorelli, 1908–1978 an Argentine agronomist who specialized in forest science, published a fossil wood with Ginkgoaceae affinity from the Cretaceous of Río Negro Province (Tortorelli 1941). This is the first fossil wood anatomy description published by an Argentine. Later, sporadic works include that of Archangelsky (1960), who described two Paleozoic gymnosperms from the Permian of Patagonia, the first cycad stems described by Archangelsky & Brett (1963), and the first corystosperm (*Rhexoxylon*) by Archangelsky & Brett (1961). Besides other sporadic articles, the article of Petriella (1972) with specimens from the Paleocene of Chubut Province (Patagonia) stands out.

iii) *Frequent publications by researchers from Argentina (2000–2021)*: Publications since the year 2000 are much more frequent, and usually several records per year are published. This period includes 76 % of the records. Moreover, publications have increased significantly in the last 15 years, since ca. 2005 (Fig. 1). Most of the researchers and their groups that began publishing at the beginning of this century (e.g., Crisafulli *et al.* 2000; Brea *et al.* 2001a) are active and many other researchers are constantly publishing. In addition, given the abundance of fossil woods in Argentina, many more results are expected in the next years.

The fossil wood record of Argentina

Of the 324 records of the Argentinean fossil wood database (Table 1), the majority (62 %) are from Patagonia, the southernmost region of South America that includes Río Negro, Neuquén, Chubut, Santa Cruz, and Tierra del Fuego, Antártida e Islas del Atlántico Sur provinces (including the Malvinas/Falkland Islands but not the Antarctic Region claimed by Argentina) (Fig. 2). This can be the result of the great extension of the region (800,000 km²) with scarce vegetation in most of it and a mountainous relief mostly

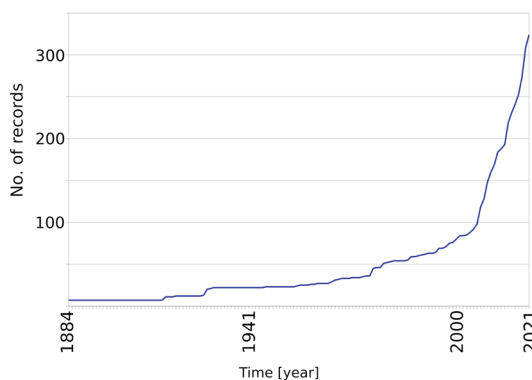


Fig. 1. Argentinean fossil wood records over time (1884–2021).

in the west that makes this region an outstanding place for fossiliferous outcrops. Santa Cruz Province has the highest percentage of records (27 %) followed by Chubut Province (18 %). The Mesopotamia Region (mostly from one of its provinces, Entre Ríos) follows the Patagonia Region in the percentage of records (14 %) (Fig. 2).

Fossil woods from the Paleozoic, usually lack an accurate botanical affinity and are assigned to several fossil genera. Many of them have the pith preserved. The pith and primary xylem have very important diagnostic characters and can be crucial to define the fossil genus (Lepekhina 1972). The oldest fossil wood described until today is *Cuyoxylon multipunctatum*, from the middle Carboniferous of San Juan Province, and is probable the oldest from Gondwana with a coniferous structure (Pujana & Césari, 2008). In the Carboniferous, the oldest Argentinean pteridosperm was described by Césari *et al.* (2005).

During the Triassic, woods of conifer families (that are still alive) appeared (e.g., Araucariaceae, described by Brea 1997). The oldest angiosperm (Cretaceous) was recently described: *Carlquistoxylon australe* by Nunes *et al.* (2018) from central Patagonia and it is also the oldest angiosperm wood from South America. It has, as many Cretaceous angiosperm woods, uncertain affinities.

The records are distributed through all the periods/epochs, but most of them are from the Cenozoic (57 %). Particularly, Pliocene and Pleistocene have more records per Ma, a consequence of the numerous studies of the Entre Ríos Province (e.g., Franco *et al.* 2020).

Most of the records are gymnosperms (57 %). Among gymnosperms, most are conifer-like (79 %), but also cycads (6 %), pteridosperms (3 %),

corystosperms (3 %), equisetaleans (1 %) and indeterminate gymnosperms (9 %) were described. Since the Cretaceous, records are mostly angiosperms (61 %), and in the Cenozoic they clearly dominate the records (74%), reflecting the worldwide expansion of this group since that period. The most common type of wood is Araucariaceae-like (fossil genera *Agathoxylon*/*Araucarioxylon*/*Dadoxylon*), and the most frequent gymnosperm fossil species is *Agathoxylon antarcticus* (five records), and *Nothofagoxylon ruei* (four records) among the angiosperms.

The database built herein, has more than twice as many records as previous databases (e.g., Herbst *et al.* 2007), mainly a consequence of the numerous publications of the last years. The database also has complete fields of each record (e.g., repository numbers). The records indicate that Argentina has a high number of records found in all epochs since the Carboniferous and a high diversity of fossil woods. The outlook for the future of this discipline is encouraging as current researchers are publishing several descriptions of fossil woods per year, and new localities that carry this type of fossil continue to appear.

Appendix: complete database of Argentinean fossil woods, including references (Table 1 + on-line supplementary data).

Fig. 2 (right). Fossil wood records by province. CA= Catamarca, CH= Chubut, CO= Corrientes, ER= Entre Ríos, FM= Malvinas/Falkland Islands, LP= La Pampa, LR= La Rioja, ME= Mendoza, NE= Neuquén, RN= Río Negro, SA= Salta, SC= Santa Cruz, SE= Santiago del Estero, SF= Santa Fe, SJ= San Juan, TU= Tucumán.

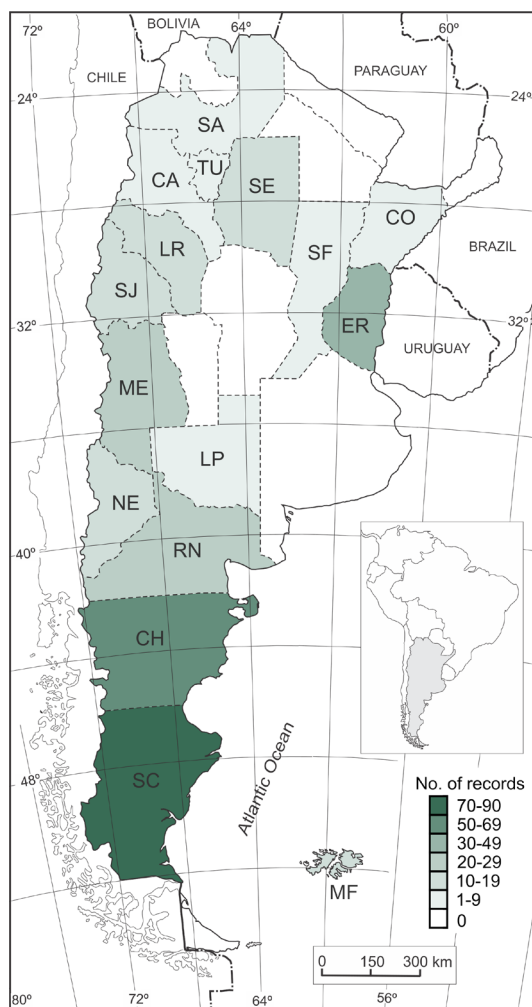


Table 1. Database of Argentinean fossil woods. Column “Prov.” (province/other): CA= Catamarca, CH= Chubut, CO= Corrientes, ER= Entre Ríos, MF= Malvinas/Falkland Islands, LP= La Pampa, LR= La Rioja, ME= Mendoza, NE= Neuquén, RN= Río Negro, SA= Salta, SC= Santa Cruz, SE= Santiago del Estero, SF= Santa Fe, SJ= San Juan, TU= Tucumán, U= Unknown. Column “Age”: C= Carboniferous, E=Eocene, J=Jurassic, K=Cretaceous, M=Miocene, O=Oligocene, Pa=Paleocene, Pe=Permian, Pl=Pliocene, Pn= Pleistocene, Te=Tertiary, Tr=Triassic, U= Unknown. See appendix for complete record information including, synonyms, observations, and repository. * Check for synonym/s in the Appendix.

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit	
1 <i>Abaremaxylon hydrocho- rea</i> Moya & Brea 2015	Moya & Brea 2015b	Federal	ER	Leguminosae	Arroyo Feliciano Fm	Pn
2 <i>Abietopitys crassiradiata</i> Archangelsky 1960	Archangelsky 1960	Piedra Shotle	CH	Unknown	Nueva Lubecka series	Pe

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit	
3 <i>Abietopitys patagonica</i> Archangelsky 1960	Archangelsky 1960	Betancourt	CH	Unknown	Nueva Lubecka series	Pe
4 <i>Acacioxylon odonellii</i> Menéndez 1962	Menéndez 1962	Tiopunco	TU	Leguminosae	Tiopunco deposits	Pl
5 <i>Aextoxicoxylon kawasianus</i> Vera <i>et al.</i> 2020	Vera <i>et al.</i> 2020a	Estancia María de las Nieves	SC	Aextoxicaceae	Puntudo Chico Fm	K
6 aff. <i>A. quebracho-blanco</i>	Ramos <i>et al.</i> 2020	Doña Minda Establishment	SE	Apocynaceae	Pleistocene deposits	Pn
7 aff. <i>C. chodatii</i>	Ramos <i>et al.</i> 2020	Doña Minda Establishment	SE	Malvaceae	Pleistocene deposits	Pn
8 aff. <i>Ginkgo biloba</i>	Tortorelli 1941	Valcheta	RN	Ginkgoaceae	Neuquén Group	K
9 aff. <i>P. kuntzei</i>	Ramos <i>et al.</i> 2020	Doña Minda Establishment	SE	Leguminosae	Pleistocene deposits	Pn
10 aff. <i>P. nigra</i>	Ramos <i>et al.</i> 2020	Doña Minda Establishment	SE	Leguminosae	Pleistocene deposits	Pn
11 aff. <i>P. ruscifolia</i>	Ramos <i>et al.</i> 2020	Doña Minda Establishment	SE	Leguminosae	Pleistocene deposits	Pn
12 aff. <i>S. lorentzii</i>	Ramos <i>et al.</i> 2020	Doña Minda Establishment	SE	Anacardiaceae	Pleistocene deposits	Pn
13 aff. Xilotype 3	Brea <i>et al.</i> 2012b - 2017	Punta Sur	SC	Akaniaceae	Santa Cruz Fm	M
14 aff. <i>Z. mistol</i>	Ramos <i>et al.</i> 2020	Doña Minda Establishment	SE	Rhamnaceae	Pleistocene deposits	Pn
15 <i>Agathoxylon agathio- ides</i> (Kräusel & Jain 1964) Kloster & Gnaedinger 2018	Kloster & Gnaedinger 2018	Bardas Blanca, Cerro Conito, Laguna La Guadalosa & Bajo El Puma	SC	Araucariaceae	La Matilde Fm	J
16 <i>Agathoxylon amrapa- rense</i> (Sah & Jain 1963) Crisafulli & Herbst 2011	Crisafulli & Herbst 2011	Estancia Cañadón Largo	SC	Araucariaceae	Laguna Colorada Fm	Tr
17 <i>Agathoxylon antarcti- cus</i> (Poole & Cantrill 2001) Pujana <i>et al.</i> 2014b	Vera <i>et al.</i> 2019	El Quiosco	CH	Araucariaceae	Puntudo Chico Fm	K
18 <i>Agathoxylon antarcticus</i>	Greppi <i>et al.</i> 2020	Tres Lagunas	CH	Conifer	Tres Lagunas Fm	K
19 <i>Agathoxylon antarcticus</i>	Vera <i>et al.</i> 2020b	Cañadón La Oriental	CH	Araucariaceae	Los Adobes Fm	K
20 <i>Agathoxylon cf. antarcticus</i>	Pujana & Ruiz 2019	Río Turbio	SC	Araucariaceae	Río Turbio Fm	E-O
21 <i>Agathoxylon cf. antarcticus</i>	Pujana <i>et al.</i> 2021	Corcovado	CH	Araucariaceae	Huitrera Fm	E
22 <i>Agathoxylon dallonii</i> (Boureau 1948) Crisafulli & Herbst 2010	Crisafulli & Herbst 2010	Malargüe	ME	Coniferales	Llantenes Fm	T
23 <i>Agathoxylon dallonii</i>	Crisafulli & Herbst 2011	Estancia Cañadón Largo	SC	Araucariaceae	Laguna Colorada Fm	Tr
24 <i>Agathoxylon kurmapu- rensis</i> (Bajpaj & Singh 1986) Crisafulli & Herbst 2008	Crisafulli & Herbst 2008	Parque Guasamayo	LR	Araucariaceae	Solca Fm	Pe
25 <i>Agathoxylon lamaiban- dianus</i> Crisafulli & Herbst 2011	Crisafulli & Herbst 2011	Estancia Cañadón Largo	SC	Araucariaceae	Laguna Colorada Fm	Tr
26 <i>Agathoxylon lamaiban- dianus</i>	Gnaedinger & Zavattieri 2020	Llantenes Creek	ME	Conifer	Chihuido Fm	Tr
27 <i>Agathoxylon lamaiban- dianus</i>	Gnaedinger & Zavattieri 2020	Llantenes Creek	ME	Conifer	Llantenes Fm	Tr

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit	
28	<i>Agathoxylon liguaensis</i> Torres & Philippe 2002	Gnaedinger <i>et al.</i> 2015	Cerro La Brea	ME	Araucariaceae	El Freno Fm J
29	<i>Agathoxylon matildense</i> Zamuner & Falaschi 2005	Zamuner & Falaschi 2005	Cerro Madre e Hija	SC	Araucariaceae	La Matilde Fm J
30	<i>Agathoxylon mendezii</i> Del Fueyo <i>et al.</i> 2021	Del Fueyo <i>et al.</i> 2021	Estancia El Álamo	SC	Araucariaceae	Springhill Fm K
31	<i>Agathoxylon ningahense</i> (Maheshwari 1964) Crisafulli & Herbst 2008	Crisafulli & Herbst 2008	Olta	LR	Araucariaceae	Solca Fm Pe
32	<i>Agathoxylon protoarauca-</i> <i>na</i> (Brea 1997) Gnaedinger & Herbst 2009	Gnaedinger & Herbst 2009	Estancia Roca Blanca	SC	Coniferales	Roca Blanca Fm J
33	<i>Agathoxylon protoarau-</i> <i>cana</i>	Zuliani & Crisafulli 2021	Cerro Chihuido	ME	Gymnosperm	Llantenes Fm Tr
34	<i>Agathoxylon pseudopa-</i> <i>renchymatosum</i> (Gothan 1908) Pujana <i>et al.</i> 2014b	Greppi <i>et al.</i> 2020	Tres Lagunas	CH	Conifer	Tres Lagunas Fm K
35	<i>Agathoxylon santacru-</i> <i>zense</i> Kloster & Gnaedinger 2018	Kloster & Gnaedinger 2018	Gran Bajo de San Julián	SC	Araucariaceae	La Matilde Fm J
36	<i>Agathoxylon santalense</i> (Sah & Jain 1964) Kloster & Gnaedinger 2018	Kloster & Gnaedinger 2018	Barda Blanca & Bajo El Puma	SC	Araucariaceae	La Matilde Fm J
37	<i>Agathoxylon</i> sp.	Pujana <i>et al.</i> 2007	Sierra San Bernardo	CH	Araucariaceae	Bajo Barreal Fm K
38	<i>Agathoxylon</i> sp.	Vera & Césari 2012	Cerro Testigo, Estancia Bajo Tigre & Punta del Barco Sur, Meseta Baqueró	SC	Coniferales	Punta del Barco Fm K
39	<i>Agathoxylon</i> sp.	Vera & Césari 2012	Estancia El Verano	SC	Coniferales	Anfiteatro de Ticó Fm K
40	<i>Agathoxylon</i> sp.	Pujana <i>et al.</i> 2015	Arroyo de los Ciervos	SC	Araucariaceae	Arroyo de los Ciervos strata M
41	<i>Agathoxylon</i> sp.	Egerton <i>et al.</i> 2016	Cerro Fortaleza	SC	Araucariaceae	Cerro Fortaleza Fm K
42	<i>Agathoxylon</i> sp.	Greppi <i>et al.</i> 2020	Tres Lagunas	CH	Conifer	Tres Lagunas Fm K
43	<i>Agathoxylon</i> sp.	Zuliani & Crisafulli 2021	Cerro Chihuido	ME	Gymnosperm	Llantenes Fm Tr
44	<i>Agathoxylon termieri</i> (Attims 1969) Gnaedinger & Herbst 2009	Kloster & Gnaedinger 2018	Cerro Conito & Estancia Meseta Chica	SC	Araucariaceae	La Matilde Fm J
45	<i>Agathoxylon</i> -like	Sagasti <i>et al.</i> 2019	Laguna Flecha Negra	SC	Araucariaceae	Chon Aike Fm J
46	<i>Agathoxylon?</i>	Greppi <i>et al.</i> 2020	Tres Lagunas	CH	Conifer	Tres Lagunas Fm K
47	<i>Amburanoxylon tortore-</i> <i>llii</i> Brea <i>et al.</i> 2010	Brea <i>et al.</i> 2010	Verano	ER	Leguminosae	El Palmar Fm Pn
48	<i>Amburanaxylon tortore-</i> <i>llii</i>	Martínez & Crisafulli 2019	Termas de Río Hondo	SE	Leguminosae	Las Cañas Fm Pl
49	<i>Amosioxylon australis</i> Césari <i>et al.</i> 2005	Césari <i>et al.</i> 2005	Quebrada de la Mina	SJ	Pteridosperm	Jejenes Fm C
50	<i>Anadenantheroxylon vi-</i> <i>llaurquicense</i> Brea <i>et al.</i> 2001	Brea <i>et al.</i> 2001a	Puerto Villa Urquiza	ER	Leguminosae	Paraná Fm M
51	<i>Anadenantheroxylon vi-</i> <i>llaurquicense</i>	Franco & Brea 2013	El Brete & El Espinillo	ER	Leguminosae	Ituzaingó Fm M

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit	
52 Araliaceae	Raigemborn <i>et al.</i> 2009	Cerro Abigarrado	CH	Araliaceae	Peñas Coloradas Fm	Pa-E
53 <i>Araucaria marensii</i> Brea <i>et al.</i> 2012	Brea <i>et al.</i> 2012b	Punta Sur	SC	Araucariaceae	Santa Cruz Fm	M
54 <i>Araucarioxylon</i>	Morgans-Bell & McIlroy 2005	Sierra de Chacaico	NE	Araucariaceae	Las Lajas Fm	J
55 <i>Araucarioxylon allanii</i> (Kräusel 1962) Maheshwari 1972	Crisafulli <i>et al.</i> 2000	Estancia San Roberto	LP	Coniferales	Carapacha Fm	Pe
56 <i>Araucarioxylon doeringii</i> Conwentz 1884	Conwentz 1884	Katapuliche	RN	Araucariaceae	Cerro Azul Fm	O
57 <i>Araucarioxylon jamudhiense</i> (Maheshwari 1962) Maheshwari 1972	Crisafulli <i>et al.</i> 2000	Estancia San Roberto	LP	Coniferales	Carapacha Fm	Pe
58 <i>Araucarioxylon kharkhariense</i> (Maithy 1964) Maheshwari 1972	Crisafulli <i>et al.</i> 2000	Sierras Carapacha Chica	LP	Coniferales	Carapacha Fm	Pe
59 <i>Araucarioxylon protoaraucana</i> Brea 1997	Brea 1997	Agua de la Zorra	ME	Coniferales	Paramillo Fm	Tr
60 <i>Araucarioxylon</i> sp.	Gothan in Jaworski 1926	Portezuelo ancho	ME	Araucariaceae	Unknown	J
61 <i>Araucarioxylon</i> sp.	Cozzo in Menéndez 1951	Llantenenes Creek	ME	Araucariaceae	Chihuido Fm	J
62 <i>Araucarioxylon termieri</i> (Attims 1969) Gnaedinger 2006	Gnaedinger 2006	Cerro Mesa	NE	Araucariaceae	Piedra Pintada Fm	J
63 <i>Astroniumxylon bonplandianum</i> Franco 2009	Franco 2009 - Franco <i>et al.</i> 2020	Toma Vieja & Arroyo El Espinillo	ER	Anacardiaceae	Ituzaingó Fm	M
64 <i>Astroniumxylon parabalansae</i> Franco & Brea 2008	Franco & Brea 2008	Toma Vieja	ER	Anacardiaceae	Paraná Fm	M
65 <i>Astroniumxylon parabalansae</i>	Franco <i>et al.</i> 2020	Curtiembre & Toma Vieja	ER	Anacardiaceae	Ituzaingó Fm	M
66 <i>Astroniumxylon portmannii</i> Brea <i>et al.</i> 2001	Brea <i>et al.</i> 2001a	Puerto Villa Urquiza	ER	Anacardiaceae	Paraná Fm	M
67 <i>Austrocupressinoxylon barcinense</i> Nunes <i>et al.</i> 2019	Nunes <i>et al.</i> 2019	Estancia La Flecha	CH	Cupressaceae	Cerro Barcino Fm	K
68 <i>Baieroxylon chilensis</i> Torres & Philippe 2002	Crisafulli & Herbst 2010	Malargüe	ME	Coniferales	Llantenenes Fm	Tr
69 <i>Baieroxylon patagonicum</i> Martínez & Lutz 2007	Martínez & Lutz 2007	El Mangrullo	NE	Gingkoales	Rayoso Fm	K
70 <i>Baieroxylon</i> sp. cf. <i>B. chilensis</i>	Gnaedinger & Herbst 2009	Estancia Roca Blanca	SC	Gingkoales	Roca Blanca Fm	J
71 <i>Bastardiopsis palaeodensisiflora</i> Ramos <i>et al.</i> 2017	Ramos <i>et al.</i> 2017a	Arroyo Yuquerí	ER	Malvaceae	El Palmar Fm	Pn
72 <i>Bastardiopsis antiqua</i> Baez & Crisafulli 2021	Baez & Crisafulli 2021	Cerro Pampa	CA	Malvaceae	Chiquimil Fm	M
73 <i>Betuloxylon rocae</i> Conwentz 1884	Conwentz 1884	Fresno-Menoco, Villa Roca	RN	Betulaceae	Cerro Azul Fm	O
74 <i>Bignoniioxylon americanum</i> Moya & Brea 2018	Moya & Brea 2018	Consorcio Paso Sociedad, Federal	ER	Bignoniaceae	Arroyo Feliciano Fm	Pn
75 <i>Bororoa andreisii</i> Petriella 1972	Petriella 1972	Cerro Bororó	CH	Cycadales	Cerro Bororó Fm	Pa
76 <i>Bororoa anzulovichii</i> Petriella 1972	Petriella 1972	Cerro Bororó	CH	Cycadales	Cerro Bororó Fm	Pa
77 <i>Brachyoxylon currumilii</i> Bodnar <i>et al.</i> 2013	Bodnar <i>et al.</i> 2013	Cerro Cóndor	CH	Coniferales	Cañadón Asfalto Fm	J

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit	
78 <i>Brachyoxylon raritanense</i> Torrey 1923	Greppi <i>et al.</i> 2020	Tres Lagunas	CH	Conifer	Tres Lagunas Fm	K
79 <i>Brachyoxylon raritanense</i>	Greppi <i>et al.</i> 2021	Colorado de Galvéniz Hill & Puerta del Diablo Canyon	CH	Cheirolepidia- ceae	Castillo Fm	K
80 <i>Brachyoxylon</i> sp. cf. <i>B. cur- rumilii</i>	Vera <i>et al.</i> 2019	El Quiosco	CH	Cheirolepidia- ceae	Puntudo Chico Fm	K
81 <i>Brachyoxylon</i> sp. cf. <i>Brachyoxylon boureaui</i>	Vera & Césari 2012	Anfiteatro de Ticó	SC	Coniferales	Anfiteatro de Ticó Fm	K
82 <i>Brachyoxylon</i> sp. cf. <i>Brachyoxylon boureaui</i>	Vera & Césari 2012	Punta del Barco sur	SC	Coniferales	Punta del Barco Fm	K
83 <i>Brachyoxylon?</i>	Greppi <i>et al.</i> 2021	Sierra Nevada Anticline	CH	Cheirolepidia- ceae	Fm Matasiete	K
84 <i>Bridelioxylon america- num</i> Petriella 1972	Petriella 1972	Ticó	CH	Euphorbiaceae	Cerro Bororó Fm	Pa
85 <i>Brunoa santarrosensis</i> Artabe <i>et al.</i> 2004	Artabe <i>et al.</i> 2004	Bajo de Santa Rosa	RN	Cycadales	Allen Fm	K
86 <i>Buckya austroamericana</i> Herbst & Crisafulli 2016	Herbst & Crisafulli 2016	Estancia Cañadón Largo	SC	Cycadeoidales	Laguna Colorada Fm	Tr
87 <i>Caesalpinioxylon</i> sp.	Georgieff <i>et al.</i> 2004	Alto San Nicolás	LR	Leguminosae	Desencuentro Fm	M
88 <i>Caldcluvioxylon torresiae</i> Pujana & Ruiz 2019	Pujana & Ruiz 2019	Río Turbio	SC	Cunoniaceae	Río Turbio Fm	E-O
89 <i>Carlquistoxylon australe</i> Nunes <i>et al.</i> 2018	Nunes <i>et al.</i> 2018	Estancia La Flecha	CH	Unknown	Cerro Barcino Fm	K
90 cf. <i>Cupressinoxylon</i>	Ruiz <i>et al.</i> 2017	Estancia Las Violetas	CH	Cupressaceae	Salamanca Fm	Pa
91 cf. <i>Cupressinoxylon</i> sp. 1	Pujana <i>et al.</i> 2020a	Laguna del Hunco	CH	Podocarpaceae	Huitrera Fm	E
92 cf. <i>Cupressinoxylon</i> sp. 2	Pujana <i>et al.</i> 2020a	Laguna del Hunco	CH	Podocarpaceae	Huitrera Fm	E
93 cf. <i>Nothofagoxylon</i>	Pujana & Ruiz 2019	Río Turbio	SC	Nothofagaceae	Río Turbio Fm	E-O
94 cf. <i>Nothofagoxylon</i>	Pujana <i>et al.</i> 2020b	Correntoso River	SC	Nothofagaceae	Río Correntoso Fm	M
95 cf. <i>Podocarpoxyylon/ Phyllocladoxyylon</i>	Pujana & Ruiz 2019	Río Turbio	SC	Podocarpaceae	Río Turbio Fm	E-O
96 cf. <i>Rhizocupressinoxylon</i> sp.	Conwentz 1884	Katapuliche	RN	Conifer	Cerro Azul Fm	O
97 <i>Chamberlainia pteridos- permoidea</i> Artabe <i>et al.</i> 2005	Artabe <i>et al.</i> 2005	Bajo de Santa Rosa	RN	Cycadales	Allen Fm	K
98 <i>Chapmanoxylon jamu- riense</i> (Maheshwari 1964) Pant & Singh 1987	Crisafulli & Herbst 2008	Olta	LR	Coniferopsida	Solca Fm	Pe
99 <i>Chapmanoxylon jamu- riense</i>	Zuliani & Crisafulli 202	Cerro Chihuido	ME	Gymnosperm	Llantenes Fm	Tr
100 <i>Chapmanoxylon oltaense</i> Crisafulli & Herbst 2008	Crisafulli & Herbst 2008	Olta	LR	Coniferopsida	Solca Fm	Pe
101 <i>Circoporopitys argenti- num</i> Gnaedinger 2007	Gnaedinger 2007a	Cerro Conito, Laguna Pareja & Laguna del Carbón	SC	Podocarpaceae	La Matilde Fm	J
102 <i>Circoporoxylon gregussii</i> Del Fueyo 1998	Del Fueyo 1998	Bajo de Santa Rosa	RN	Podocarpaceae	Allen Fm	K
103 <i>Circoporoxylon kraeuselii</i> Martínez & Lutz 2007	Martínez & Lutz 2007	Cerros Colorados	NE	Podocarpaceae	Huincul Fm	K

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104 <i>Circoporoxylon sanjulien- se</i> Gnaedinger 2007	Gnaedinger 2007a	Laguna del Carbón	SC	Podocarpaceae	La Matilde J Fm
105 Conifer wood	Bodnar & Falco 2018	Puesto Tono Álvarez	RN	Conifer	Cerro Pichen Tr-J Fm
106 Conifer wood	Falco <i>et al.</i> 2020	Quebrada del Compañero	RN	Conifer	Puesto Vera Tr Fm
107 <i>Cordioxylon prototricho- toma</i> Brea & Zucol 2006	Brea & Zucol 2006	Puerto Visser	CH	Boraginaceae	Peñas Pa Coloradas Fm
108 <i>Cryptocaryoxylon olei- ferum</i> Ramos <i>et al.</i> 2015	Ramos <i>et al.</i> 2015	Salto Grande	ER	Lauraceae	El Palmar Pn Fm
109 <i>Cuneumxylon spallettii</i> Artabe & Brea 2003	Artabe & Brea 2003	Agua de la Zorra	ME	Corystosperma- ceae	Paramillo Tr Fm
110 <i>Cupressinoxylon artabeae</i> Ruiz <i>et al.</i> 2017	Ruiz <i>et al.</i> 2017	Estancia Las Violetas	CH	Cupressaceae	Salamanca Pa Fm
111 <i>Cupressinoxylon austroce- droides</i> Nishida 1984	Ruiz <i>et al.</i> 2017	Estancia Las Violetas	CH	Cupressaceae	Salamanca Pa Fm
112 <i>Cupressinoxylon hallei</i> Kräusel 1949	Pujana <i>et al.</i> 2021	Corcovado	CH	Conifer	Huitrera Fm E
113 <i>Cupressinoxylon hallei</i> Brea <i>et al.</i> 2016	Brea <i>et al.</i> 2016	Estancia Aguada La Piedra	CH	Cupressaceae	Los Adobes K Fm
114 <i>Cupressinoxylon latiporo- sum</i> Conwentz 1884	Conwentz 1884	Between Valcheta and Limay Rivers	RN	Cupressaceae	Cerro Azul O Fm
115 <i>Cupressinoxylon llan- tenesense</i> Gnaedinger & Zavattieri 2020	Gnaedinger & Zavattieri 2020	Llantenenes Creek	ME	Conifer	Llantenenes Tr Fm
116 <i>Cupressinoxylon patago- nicum</i> Conwentz 1884	Conwentz 1884	Between Valcheta and Limay Rivers	RN	Cupressaceae	Cerro Azul O Fm
117 <i>Cupressinoxylon sp.</i>	Bodnar & Falco 2018	Puesto Tono Álvarez	RN	Cupressaceae	Cerro Pichen Tr-J Fm
118 <i>Cupressinoxylon sp.</i>	Conwentz 1884	Katapuliche	RN	Cupressaceae	Cerro Azul O Fm
119 <i>Cupressinoxylon sp.</i>	Egerton <i>et al.</i> 2016	Cerro Fortaleza	SC	Cupressaceae	Cerro K Fortaleza Fm
120 <i>Cupressinoxylon sp.</i>	Gothan in Jaworski 1915	Chacay-Melehue	NE	Cupressaceae	Unknown J
121 <i>Cupressinoxylon sp.</i>	Kräusel 1924 - Pujana <i>et al.</i> 2021	Corcovado	CH	Cupressaceae	Huitrera Fm E
122 <i>Cupressinoxylon sp.</i>	Pujana <i>et al.</i> 2015	Arroyo de los Ciervos	SC	Cupressaceae	Arroyo de M los Ciervos strata
123 <i>Cupressinoxylon sp.</i>	Pujana <i>et al.</i> 2020b	Correntoso River	SC	Podocarpaceae or Cupressaceae	Correntoso M Fm
124 <i>Cupressinoxylon zamune- rae</i> Bodnar <i>et al.</i> 2015	Bodnar <i>et al.</i> 2015	Quebrada de la Tinta	SJ	Cupressaceae	Cortaderita Tr Fm
125 <i>Cupressinoxylon?</i>	Greppi <i>et al.</i> 2020	Tres Lagunas	CH	Conifer	Tres K Lagunas Fm
126 <i>Curtiembrexylon poledrii</i> Franco 2012	Franco 2012	Curtiembre	ER	Lauraceae	Ituzaingó M Fm
127 <i>Cuyoxylon mutlipuncta- tus</i> Pujana & Césari 2008	Pujana & Césari 2008	Hoyada Verde	SJ	Gymnosperm	Hoyada C Verde Fm
128 <i>Cuyoxylon sp.</i>	Césari <i>et al.</i> 2012	Sierra de Castaño	SJ	Cordaitaleans	San Ignacio C-Pe Fm
129 <i>Cylicodiscuxylon paraga- bunensis</i> Moya & Brea 2015b	Moya & Brea 2015b	Consorcio Paso Sociedad, Federal	ER	Leguminosae	Arroyo Pn Feliciano Fm

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130 <i>Dadoxylon bakeri</i> Seward & Walton 1923	Seward & Walton 1923	Choiseul Sound, East Falkland	MF	Gymnosperm	Unknown	Pe
131 <i>Dadoxylon cf. angustum</i>	Halle 1912	Puerto Darwin (Darwin Harbour)	MF	Gymnosperm	Unknown	Pe
132 <i>Dadoxylon lafoniense</i> Halle 1912	Halle 1912	Puerto Darwin (Darwin Harbour)	MF	Gymnosperm	Unknown	Pe
133 <i>Dadoxylon pseudoparenchymatosum</i> Gothan 1908	Kräusel 1924	Lago Fontana	CH	Araucariaceae	Unknown	Te?
134 <i>Dadoxylon</i> sp.	Kräusel 1924	Tecka	CH	Araucariaceae	Unknown	U
135 <i>Dadoxylon</i> sp.	Gothan 1925	Cerro Alto	SC	Araucariaceae	Unknown	Tr
136 <i>Dolichandra pacei</i> Franco <i>et al.</i> 2021	Franco <i>et al.</i> 2021	Potrerrillos	ME	Bignoniaceae	Mariño Fm	M
137 <i>Doroteoxylon vicente-perezii</i> Nishida <i>et al.</i> 1989	Pujana 2009a	El Calafate surroundings	SC	Leguminosae	Río Leona Fm	M
138 <i>Doroteoxylon vicente-perezii</i>	Brea <i>et al.</i> 2012b	Punta Sur	SC	Leguminosae	Santa Cruz Fm	M
139 <i>Elaeocarpoxyylon sloaneoides</i> Petriella 1972	Petriella 1972	Cerro Bororó	CH	Elaeocarpaceae	Cerro Bororó Fm	Pa
140 <i>Elchaxylon zavattieriae</i> Artabe & Zamuner 2007	Artabe & Zamuner 2007	Mina La Elcha, Potrerillos	ME	Corystosperma- ceae	Río Blanco Fm	Tr
141 <i>Entrerrioxylon victorien-sis</i> Lutz 1981	Lutz 1981 - Brea <i>et al.</i> 2012a	Victoria	ER	Leguminosae	Paraná Fm	M
142 <i>Eoguptioxylon antiqua</i> Crisafulli & Lutz 2007	Crisafulli & Lutz 2007	Cerro Colorado	LR	Pteridospermae	La Antigua Fm	Pe
143 <i>Eucryphiaceoxylon eucryphioides</i> (Pool <i>et al.</i> 2001) Poole <i>et al.</i> 2003	Brea <i>et al.</i> 2012b	Punta Sur	SC	Cunoniaceae	Santa Cruz Fm	M
144 <i>Eucryphiaceoxylon eucryphioides</i>	Brea <i>et al.</i> 2015	Aluminé	NE	Eucryphiaceae	Rancahué Fm	O
145 <i>Eugenia</i> sp.	Brea <i>et al.</i> 2001b	Parque Nacional El Palmar	ER	Myrtaceae	El Palmar Fm	Pn
146 <i>Euxylophoroxyylon chiquichanense</i> Petriella 1972	Petriella 1972	Cerro Bororó	CH	Rutaceae	Cerro Bororó Fm	Pa
147 <i>Ginkgophytoxyylon isychozianus</i> Crisafulli & Herbst 2011	Crisafulli & Herbst 2011	Estancia Cañadón Largo	SC	Ginkgoales	Laguna Colorada Fm	Tr
148 <i>Gleditsioxylon fiambalense</i> Baez 2021	Baez 2021	Bolsón de Fiambalá	CA	Leguminosae	Tambería	M
149 <i>Gleditsioxylon paramorphoides</i> Franco & Brea 2013	Franco & Brea 2013	Toma Vieja	ER	Leguminosae	Ituzaingó Fm	M
150 <i>Gleditsioxylon riojana</i> Martínez & Rodríguez Brizuela 2011	Martínez & Rodríguez Brizuela 2011	Quebrada de la Troya	LR	Leguminosae	Toro Negro Fm	M
151 <i>Glyptostroboxylon goeppertii</i> Conwentz 1884	Conwentz 1884	Katapuliche	RN	Podocarpaceae	Cerro Azul Fm	O
152 <i>Gossweilerodendroxylon palmariensis</i> Ramos <i>et al.</i> 2017	Ramos <i>et al.</i> 2017b	Punta Viracho – Arroyo Yuquerí	ER	Leguminosae	El Palmar Fm	Pn
153 <i>Hedycaryoxylon burmeis-teri</i> Egerton <i>et al.</i> 2016	Egerton <i>et al.</i> 2016	Cerro Fortaleza	SC	Monimiaceae	Cerro Fortaleza Fm	K
154 <i>Herbstiloxylon patagonicum</i> Gnaedinger 2007	Gnaedinger 2007b	Bardas Blancas & Mina Pareja	SC	Cupressaceae	La Matilde Fm	J
155 <i>Holocalyxylon cozzoi</i> Brea <i>et al.</i> 2010	Brea <i>et al.</i> 2010	Santa Ana	ER	Leguminosae	El Palmar Fm	Pn
156 <i>Kaokoxyylon zalesskyi</i> (Sahni 1932) Maheshwari 1967	Herbst & Crisafulli 1997	Cerro Colorado de la Antigua	LR	Coniferopsida	La Antigua Fm	Pe

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157 <i>Lardizabaloxyton lardi- zabaloides</i> Schönfield 1954	Schönfield 1954	Unknown (Patagonia)	U	Lardizabalaceae	Unknown (Patagonia Region)	Te?
158 <i>Laurelites doroteaensis</i> Nishida <i>et al.</i> 1988	Pujana 2009a	El Calafate sorroundings	SC	Atherosperma- taceae	Río Leona Fm	M
159 <i>Laurelites doroteaensis</i>	Brea <i>et al.</i> 2015	Aluminé	NE	Atherosperma- taceae	Rancahué Fm	O
160 <i>Laurinoxylon artabeae</i> (Brea 1998) Dupéron- Laudoueneix & Dupéron 2005	Franco 2012	Hernandarias	ER	Lauraceae	Ituzaingó Fm	M
161 <i>Laurinoxylon atlanticum</i> Brea <i>et al.</i> 2012	Brea <i>et al.</i> 2012b	Punta Sur	SC	Lauraceae	Santa Cruz Fm	M
162 <i>Laurinoxylon uniradia- tum</i> Gothan 1908	Kräusel 1924	Lago Viedma	SC	Nothofagaceae	Unknown	Te
163 <i>Maloidoxylon cesariae</i> Pujana 2009	Pujana 2009b	El Calafate sorroundings	SC	Rosaceae	Río Leona Fm	M
164 Mariño unknown dicot 1	Franco <i>et al.</i> 2014	Potrerrillos	ME	Angiosperm	Mariño Fm	M
165 <i>Maytenoxylon perforatum</i> Franco 2018	Franco 2018	El Espinillo Stream	ER	Celastraceae	Ituzaingó Fm	M
166 <i>Medullopityx menendezii</i> Petriella 1982	Petriella 1982	Las Boleadoras, Sierra Pintada	ME	Gymnosperm	Unknown	C
167 <i>Megaporoxyton kaokense</i> Kräusel 1956	Zuliani & Crisafulli 2021	Cerro Chihuido	ME	Gymnosperm	Llantenes Fm	Tr
168 <i>Menendoxylon areniensis</i> Lutz 1979	Lutz 1979 - Moya & Brea 2020	Concordia	ER	Leguminosae - Combretaceae	Salto Chico Fm	Pl
169 <i>Menendoxylon lutziae</i> Baez & Crisafulli 2021	Baez & Crisafulli 2021	Cerro Pampa	CA	Leguminosae	Chiquimil Fm	M
170 <i>Menendoxylon mesopota- miensis</i> Lutz 1979	Lutz 1979	Concordia	ER	Leguminosae	Salto Chico Fm	Pl
171 <i>Menendoxylon mesopota- miensis</i>	Martínez & Crisafulli 2019	Termas de Río Hondo	SE	Leguminosae	Las Cañas Fm	Pl
172 <i>Menendoxylon piptadien- sis</i> Lutz 1987	Lutz 1987 - Moya <i>et al.</i> 2017	Los Poronguillos & Puerto Julipao	CA TU	Leguminosae	Andalhuala Fm	Pl
173 <i>Menendoxylon vasallensis</i> Lutz 1979	Baez <i>et al.</i> 2018	Cerro Pampa	CA	Leguminosae	Chiquimil Fm	M
174 <i>Menendoxylon vasallensis</i>	Lutz 1979 - Franco & Brea 2013	Hernandarias & Toma Vieja	ER	Leguminosae	Ituzaingó Fm	M
175 <i>Menucoa cazau</i> Petriella 1969	Petriella 1969	Los Menucos	RN	Cycadales	Unknown	Te?
176 <i>Mesembrioxylon mazonii</i> Petriella 1972	Petriella 1972	Cerro Bororó	CH	Podocarpaceae	Cerro Bororó Pa Fm	Pa
177 <i>Mezilaurinoxylon olei- ferum</i> Ruiz <i>et al.</i> 2020	Ruiz <i>et al.</i> 2020	Estancia Las Violetas	CH	Lauraceae	Salamanca Pa Fm	Pa
178 <i>Michelilloa waltonii</i> Archangelsky & Brett 1963	Archangelsky & Brett 1963	Ischigualasto	SJ	Cycadales	Ischigualasto Tr Fm	Tr
179 <i>Microlobiusxylon para- naensis</i> Franco & Brea 2010	Franco & Brea 2010	Toma Vieja	ER	Leguminosae	Ituzaingó Fm	M
180 <i>Mimosoxylon caccavariae</i> Brea <i>et al.</i> 2010	Brea <i>et al.</i> 2010	Santa Ana	ER	Leguminosae	El Palmar Fm	Pn
181 <i>Mimosoxylon santama- riensis</i> Lutz 1987	Lutz 1987	Los Poronguillos	CA	Leguminosae	Chiquimil Fm	M
182 <i>Mimosoxylon santama- riensis</i>	Lutz 1987	Tiopunco	TU	Leguminosae	San José Fm	M
183 <i>Mimosoxylon</i> sp.	Lutz 1991	Punta del Rubio	CO	Leguminosae	Ituzaingó Fm	M
184 <i>Myrceugenellites grand- porosum</i> Ruiz <i>et al.</i> 2020	Ruiz <i>et al.</i> 2020	Estancia Las Violetas	CH	Myrtaceae	Salamanca Pa Fm	Pa

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185 <i>Myrceugenellites oligocenum</i> Pujana 2009	Brea <i>et al.</i> 2015	Aluminé	NE	Myrtaceae	Rancahué Fm	O
186 <i>Myrceugenellites oligocenum</i>	Pujana 2009a	El Calafate surroundings	SC	Myrtaceae	Río Leona Fm	M
187 <i>Myrceugenelloxylon pseudoapiculatum</i> Nishida 1984	Brea <i>et al.</i> 2015	Aluminé	NE	Myrtaceae	Rancahué Fm	O
188 <i>Myrceugenia chubutense</i> Ragonese 1980	Brea <i>et al.</i> 2012b	Punta Sur	SC	Myrtaceae	Santa Cruz Fm	M
189 <i>Myrceugenia chubutense</i>	Ragonese 1980	Puesto Alvarez	CH	Myrtaceae	Salamanca Fm	Pa
190 <i>Nearthropitys gondwanaensis</i> Gnaedinger <i>et al.</i> 2020	Gnaedinger <i>et al.</i> 2020	Quebrada de los Fósiles Creek	ME	Equisetales	Quebrada de los Fósiles Fm	Tr
191 No.1 aff. <i>Podocarpus chilina</i>	Gothan in Halle 1912	West Point Island	MF	Podocarpaceae	Forest Bed strata	O?-PI?
192 No.2 aff. <i>Libocedrus chilensis</i>	Gothan in Halle 1912	West Point Island	MF	Cupressaceae	Forest Bed strata	O?-PI?
193 Nothofagaceae (?) 1	Pujana <i>et al.</i> 2015	Arroyo de los Ciervos	SC	Nothofagaceae	Arroyo de los Ciervos strata	M
194 Nothofagaceae (?) 2	Pujana <i>et al.</i> 2015	Arroyo de los Ciervos	SC	Nothofagaceae	Arroyo de los Ciervos strata	M
195 <i>Nothofagoxylon aggregatum</i> Pujana 2009	Pujana 2009b	El Calafate surroundings	SC	Nothofagaceae	Río Leona Fm	M
196 <i>Nothofagoxylon corrugatus</i> Poole <i>et al.</i> 2001	Egerton <i>et al.</i> 2016	Cerro Fortaleza	SC	Nothofagaceae	Cerro Fortaleza Fm	K
197 <i>Nothofagoxylon kraeuselii</i> Boureau & Salard 1960	Pujana 2009b	El Calafate surroundings	SC	Nothofagaceae	Río Leona Fm	M
198 <i>Nothofagoxylon kraeuselii</i>	Brea <i>et al.</i> 2015	Aluminé	NE	Nothofagaceae	Rancahué Fm	O
199 <i>Nothofagoxylon menendezii</i> Ragonese 1977	Brea <i>et al.</i> 2015	Aluminé	NE	Nothofagaceae	Rancahué Fm	O
200 <i>Nothofagoxylon menendezii</i>	Ragonese 1977	General Roca	RN	Nothofagaceae	Chichinales Fm	M
201 <i>Nothofagoxylon neuquense</i> Cozzo 1950	Cozzo 1950	Estancia Pulmari	NE	Nothofagaceae	Unknown	Te?
202 <i>Nothofagoxylon paraprocera</i> Ancibor 1990	Ancibor 1990	Río Turbio	SC	Nothofagaceae	Río Turbio Fm	E-O
203 <i>Nothofagoxylon ruei</i> Salard 1961	Pujana 2009b	El Calafate surroundings	SC	Nothofagaceae	Río Leona Fm	M
204 <i>Nothofagoxylon ruei</i>	Brea <i>et al.</i> 2015	Aluminé	NE	Nothofagaceae	Rancahué Fm	O
205 <i>Nothofagoxylon scalariforme</i> Gothan 1908	Brea <i>et al.</i> 2015	Aluminé	NE	Nothofagaceae	Rancahué Fm	O
206 <i>Nothofagoxylon scalariforme</i>	Pujana 2009b	El Calafate surroundings	SC	Nothofagaceae	Río Leona Fm	M
207 <i>Nothofagoxylon scalariforme</i>	Pujana <i>et al.</i> 2020	Correntoso River	SC	Nothofagaceae	Río Correntoso Fm	M
208 <i>Nothofagoxylon triseriatum</i> Torres & Lemoigne 1988	Pujana 2009b	El Calafate surroundings	SC	Nothofagaceae	Río Leona Fm	M
209 <i>Nothofagoxylon triseriatum</i>	Brea <i>et al.</i> 2012b	Punta Sur	SC	Nothofagaceae	Santa Cruz Fm	M
210 <i>Nothofagus</i>	Petty in Birnie & Roberts 1986 - Poole & Cantrill 2007	West Point Island	MF	Nothofagaceae or Cunoniaceae	Forest Bed strata	O?-PI?

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit	
211 <i>Paraalbizioxylon cacca- variae</i> Martínez 2014	Martínez 2014 - Baez <i>et al.</i> 2018	Puerta del Corral Quemado, Tiopunco, Agua Verde River & Cerro Pampa	CA TU	Leguminosae	Chiquimil Fm	M
212 <i>Paraalbizioxylon cacca- variae</i>	Martínez & Crisafulli 2019	Termas de Río Hondo	SE	Leguminosae	Las Cañas Fm	Pl
213 <i>Paracacioxylon frengue- llii</i> Brea <i>et al.</i> 2008	Brea <i>et al.</i> 2008	Palacio de Los Loros	CH	Leguminosae	Salamanca Fm	Pa
214 <i>Paracacioxylon odonne- llii</i> (Menéndez 1962) Müller- Stoll & Mädell 1967	Lutz 1987	Santa Maria, Los nacimien- tos, El eje, Tio Punco, Ojo del Agua & Yasamy	CA TU	Leguminosae	Andalhuala Fm	Pl
215 <i>Parametopioxylon crista- lliferum</i> Franco <i>et al.</i> 2020	Franco <i>et al.</i> 2020	Toma Vieja	ER	Anacardiaceae	Ituzaingó Fm	M
216 <i>Paraoxystigma concor- diensis</i> Ramos <i>et al.</i> 2017	Ramos <i>et al.</i> 2017b	Concordia	ER	Leguminosae	El Palmar Fm	Pn
217 <i>Paraperseoxylon septa- tum</i> Franco <i>et al.</i> 2015	Franco <i>et al.</i> 2015	Puerto Yerúa	ER	Lauraceae	Puerto Yerúa Fm	K
218 <i>Paraperseoxylon</i> sp.	Brea <i>et al.</i> 2015	Aluminé	NE	Lauraceae	Rancahué Fm	O
219 <i>Patagonoxylon scalarifor- me</i> Ruiz <i>et al.</i> 2020	Ruiz <i>et al.</i> 2020	Estancia Las Violetas	CH	Laurales	Salamanca Fm	Pa
220 <i>Peltophoroxylon uruga- yensis</i> Ramos <i>et al.</i> 2014	Ramos <i>et al.</i> 2014	Punta Viracho	ER	Leguminosae	El Palmar Fm	Pn
221 <i>Phyllocladopitys petrie- llae</i> Brea & Césari 1995	Brea & Césari 1995 - Pujana 2005	Quebrada de la Mina	SJ	Unknown	Jejenes Fm	C
222 <i>Phyllocladoxylon antarc- ticum</i> Gothan 1908	Kräusel 1924 - Pujana <i>et al.</i> 2021	Corcovado	CH	Podocarpaceae	Huitrera Fm	E
223 <i>Phyllocladoxylon antarc- ticum</i>	Pujana & Ruiz 2019	Río Turbio	SC	Podocarpaceae	Río Turbio Fm	E-O
224 <i>Phyllocladoxylon antarc- ticum</i>	Pujana <i>et al.</i> 2020a	Laguna del Hunco	CH	Podocarpaceae	Huitrera Fm	E
225 <i>Phyllocladoxylon</i> sp.	Kräusel 1924	Lago Fontana	CH	Podocarpaceae	Unknown	U
226 <i>Phyllocladoxylon</i> sp.	Pujana <i>et al.</i> 2015	Arroyo de los Ciervos	SC	Podocarpaceae	Arroyo de los Ciervos strata	M
227 <i>Phyllocladoxylon</i> sp.	Pujana & Ruiz 2019	Río Turbio	SC	Podocarpaceae	Río Turbio Fm	E-O
228 <i>Piptadenioxylon paraex- celsa</i> Franco & Brea 2008	Franco & Brea 2008	Toma Vieja	ER	Leguminosae	Paraná Fm	M
229 <i>Planoxylon australe</i> (Salard 1968) Vozenin-Serra Salard-Cheboldaeff 1992	Gnaedinger 2007b	Bardas Blancas, Cerro Conito & Puesto Raspuzzi	SC	Protopinaceae	La Matilde Fm	J
230 <i>Planoxylon</i> sp.	Egerton <i>et al.</i> 2016	Cerro Fortaleza	SC	Unknown	Cerro Fortaleza Fm	K
231 <i>Podocarpoxyylon atuelen- sis</i> Gnaedinger <i>et al.</i> 2015	Gnaedinger <i>et al.</i> 2015	Cerro La Brea	ME	Podocarpaceae	El Freno Fm	J
232 <i>Podocarpoxyylon austro- americanum</i> Gnaedinger 2007	Gnaedinger 2007a	Laguna del Carbón	SC	Podocarpaceae	La Matilde Fm	J
233 <i>Podocarpoxyylon dusenii</i> Kräusel 1924	Kräusel 1924	La Leona River	SC	Podocarpaceae	Unknown	Te
234 <i>Podocarpoxyylon dusenii</i>	Novas <i>et al.</i> 2019	Estancia La Anita	SC	Podocarpaceae	Chorrillo Fm	K
235 <i>Podocarpoxyylon dusenii</i>	Pujana <i>et al.</i> 2021	Corcovado	CH	Podocarpaceae	Huitrera Fm	E

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit	
236 <i>Podocarpoxylon feruglioi</i> Gnaedinger 2007	Gnaedinger 2007a	Cerro Conito & Bardas Blancas	SC	Podocarpaceae	La Matilde Fm	J
237 <i>Podocarpoxylon garciae</i> Del Fueyo 1998	Del Fueyo 1998	Bajo de Santa Rosa	RN	Podocarpaceae	Allen Fm	K
238 <i>Podocarpoxylon garciae</i>	Varela <i>et al.</i> 2016	Tres Lagos surroundings	SC	Podocarpaceae	Mata Amarilla Fm	K
239 <i>Podocarpoxylon indicum</i> (Bhardwaj 1953) Bose & Maheshwari 1974	Crisafulli & Herbst 2008	Parque Guasamayo	LR	Podocarpaceae	Solca Fm	Pe
240 <i>Podocarpoxylon indicum</i>	Crisafulli & Herbst 2011	Estancia Cañadón Largo	SC	Podocarpaceae	Laguna Colorada Fm	Tr
241 <i>Podocarpoxylon mazonii</i> (Petriella 1972) Müller-Stoll & Schultze-Motel 1990	Raigemborn <i>et al.</i> 2009	Cerro Abigarrado	CH	Podocarpaceae	Peñas Coloradas Fm	Pa-E
242 <i>Podocarpoxylon mazonii</i>	Brea <i>et al.</i> 2011	Ameghino Petrified forest	CH	Podocarpaceae	Salamanca Fm	Pa
243 <i>Podocarpoxylon mazonii</i>	Vera <i>et al.</i> 2019	El Quiosco	CH	Podocarpaceae	Puntudo Chico Fm	K
244 <i>Podocarpoxylon multipa- renchymatosum</i>	Pujana & Ruiz 2017 - 2019	Río Turbio	SC	Podocarpaceae	Río Turbio Fm	E-O
245 <i>Podocarpoxylon multipa- renchymatosum</i>	Ruiz <i>et al.</i> 2017	Estancia Las Violetas	CH	Podocarpaceae	Salamanca Fm	Pa
246 <i>Podocarpoxylon parala- tifolium</i>	Crisafulli & Herbst 2011	Estancia Cañadón Largo	SC	Podocarpaceae	Laguna Colorada Fm	Tr
247 <i>Podocarpoxylon prumno- pityoides</i>	Gnaedinger <i>et al.</i> 2017	Pilmatué	NE	Podocarpaceae	Mulichinco Fm	K
248 <i>Podocarpoxylon</i> sp.	Egerton <i>et al.</i> 2016	Cerro Fortaleza	SC	Podocarpaceae	Cerro Fortaleza Fm	K
249 <i>Podocarpoxylon tikiense</i> Ram-Awatar & Rajanikanth 2007	Crisafulli & Herbst 2010	Malargüe	ME	Coniferales	Llantenes Fm	Tr
250 <i>Podocarpoxylon/ Phyllocladoxylon?</i>	Pujana & Ruiz 2019	Río Turbio	SC	Podocarpaceae	Río Turbio Fm	E-O
251 <i>Prosopisinoxylon ancibo- rae</i>	Martínez 2010	Seco River	CA	Leguminosae	Chiquimil Fm	M
252 <i>Prosopisinoxylon anci- borae</i>	Pujana <i>et al.</i> 2014a	Salar de Pipanaco	LR	Leguminosae	Salicas Fm	M
253 <i>Prosopisinoxylon ameri- canum</i>	Franco & Brea 2013	Arroyo Feliciano	ER	Leguminosae	Ituzaingó Fm	M
254 <i>Prosopisinoxylon castroae</i> Brea <i>et al.</i> 2010	Brea <i>et al.</i> 2010	Santa Ana	ER	Leguminosae	El Palmar Fm	Pn
255 <i>Protaxodioxylon pata- gonicum</i>	Bodnar & Escapa 2016	Cerro Bayo	CH	Cupressaceae	Cañadón Asfalto Basin	J
256 Proteaceae	Ancibor 1989 - Pujana & Ruiz 2019	Río Turbio	SC	Proteaceae	Río Turbio Fm	E-O
257 <i>Protelicoxylon feriziense</i> (Fahkr & Marguerier 1977) Philippe 1995	Gnaedinger 2007b	Cerro Conito & Laguna del Carbón	SC	Cupressaceae	La Matilde Fm	J
258 <i>Protocircoporoxylon marianaensis</i>	Zamuner & Artabe 1994	Cerro Mariana	RN	Protopinaceae	Paso Flores Fm	Tr
259 <i>Protocircoporoxylon</i> sp.	Drovandi <i>et al.</i> 2020	Agua de los Pajaritos	SJ	Unknown	Monina Fm	Tr

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit	
260 <i>Protocupressinoxylon carrizalense</i> Correa <i>et al.</i> 2019	Correa <i>et al.</i> 2019	El Gigantillo	SJ	Conifer	Carrizal Fm	Tr
261 <i>Prototaxodioxylon ischigualastense</i> (Bonetti 1966) Bodnar & Artabe 2007	Gnaedinger & Zavattieri 2020	Llantenes Creek	ME	Conifer	Llantenes Fm	Tr
262 <i>Prototaxodioxylon ischigualastense</i> Bonetti 1966	Bonetti 1966 - Bodnar & Artabe 2007	Ischigualasto	SJ	Cupressaceae	Ischigualasto Fm	Tr
263 <i>Protophyllocladoxylon cortaderitaensis</i> Menéndez 1956	Menéndez 1956 - Bodnar 2008	Barreal	SJ	Corystosperma- ceae	Cortaderita Fm	Tr
264 <i>Protophyllocladoxylon francisiae</i> Pujana <i>et al.</i> 2014b	Pujana & Ruiz 2019	Río Turbio	SC	Podocarpaceae	Río Turbio Fm	E-O
265 <i>Protophyllocladoxylon francisiae</i>	Pujana <i>et al.</i> 2020a	Laguna del Hunco	CH	Podocarpaceae	Huitrera Fm	E
266 <i>Protophyllocladoxylon</i> sp.	Crisafulli & Herbst 2011	Estancia Cañadón Largo	SC	Podocarpaceae	Laguna Colorada Fm	Tr
267 <i>Prototaxoxylon acevedoae</i> Gnaedinger & Herbst 2006	Gnaedinger & Herbst 2006	Bardas Blancas, Cerro Conito & Parte Norte Estancia Meseta Chica	SC	Taxales	La Matilde Fm	J
268 <i>Prototaxoxylon intertrappeum</i> Prakash & Srivastava 1961	Gnaedinger & Herbst 2006	Bardas Blancas, Cerro Conito, Puesto Raspuzzi & Laguna La Guadaluza	SC	Taxales	La Matilde Fm	J
269 <i>Prototaxoxylon intertrappeum</i>	Crisafulli & Herbst 2010	Malargüe	ME	Taxales	Llantenes Fm	Tr
270 <i>Prototaxoxylon pintadense</i> Gnaedinger 2006	Gnaedinger 2006	Cerro Mesa	NE	Taxales	Piedra Pintada Fm	J
271 <i>Prototaxoxylon pintadense</i>	Gnaedinger & Herbst 2009	Estancia Roca Blanca	SC	Taxales	Roca Blanca Fm	J
272 <i>Prototaxoxylon uniseriale</i> Prasad 1982	Gnaedinger & Herbst 2006	Mina de Pareja	SC	Taxales	La Matilde Fm	J
273 <i>Prumnopityoxylon gnaedingeriae</i> Franco & Brea 2015	Franco & Brea 2015	El Brete	ER	Podocarpaceae	Ituzaingó Fm	M
274 <i>Qualeoxylon felicianensis</i> Moya & Brea 2015	Moya & Brea 2015a	Federal	ER	Vochysiaceae	Arroyo Feliciano Fm	Pn
275 <i>Ranunculodendron anzoteguiiae</i> Lutz & Martínez 2007	Lutz & Martínez 2007	Quebrada de Alfredo	SA	Ranunculales	Palo Pintado Fm	M
276 <i>Resinaxylon schinusoides</i> Pujana 2009	Pujana 2009a	El Calafate surroundings	SC	Anacardiaceae	Río Leona Fm	M
277 <i>Resinaxylon schinusoides</i>	Martínez & Pujana 2010	Estancia Meseta Chica	SC	Anacardiaceae	San Julián Fm	O
278 <i>Rhaphithamnoxylon artabeae</i> Franco <i>et al.</i> 2014	Franco <i>et al.</i> 2014	Potrerrillos	ME	Verbenaceae	Mariño Fm	M
279 <i>Rhexoxylon brunoi</i> Artabe <i>et al.</i> 1999	Artabe <i>et al.</i> 1999	El Paramillo de Uspallata	ME	Corystoperma- ceae	Los Colorados Fm	Tr
280 <i>Rhexoxylon</i> nov. sp.	Lutz & Herbst 1992	Barreal	SJ	Unknown	Barreal Fm	Tr
281 <i>Rhexoxylon piatnitzkyi</i> Archanglesky & Brett 1961	Archanglesky & Brett 1961 - Brett 1968	Ischigualasto	LR SJ	Pteridosperm	Ischigualasto Fm	Tr

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit
282 <i>Rhexoxylon</i> sp. A	Archanglesky & Brett 1961	Ischigualasto	LR	Pteridosperm	Ischigualasto Tr Fm
283 <i>Rhexoxylon</i> sp. cf. <i>R. piatnitzkyi</i>	Camino et al. 1995	Quebrada Santo Domingo	LR	Conifer	Unknown Tr
284 <i>Rhizophoroxylon spallettii</i>	Petriella 1972	Cerro Bororó	CH	Rhizophoraceae	Cerro Bororó Pa Fm
285 <i>Ruprechtioxylon breae</i>	Franco 2018	Toma Vieja	ER	Polygonaceae	Ituzaingó M Fm
286 <i>Scalarioxylon grandiradiatum</i>	Pujana 2007	El Calafate surroundings	SC	Proteaceae	Río Leona M Fm
287 <i>Scalarioxylon patagonicum</i>	Pujana 2007	El Calafate surroundings	SC	Proteaceae	Río Leona M Fm
288 <i>Scalarioxylon</i> sp.	Pujana & Ruiz 2019	Río Turbio	SC	Proteaceae	Río Turbio E-O Fm
289 <i>Scalarioxylon</i> sp.	Franco et al. 2019	San Fabián	SF	Proteaceae	Puerto San M Martín/ Ituzaingó Fms?
290 <i>Scalarioxylon menendezii</i>	Artabe et al. 2009	Quebrada de la Montaña	ME	Gymnosperm	Montaña Fm Tr
291 <i>Schinopsisylon heckii</i>	Lutz 1979 - Brea et al. 2010	Concordia & Santa Ana	ER	Anacardiaceae	El Palmar Pn Fm
292 <i>Schinopsisylon herbstii</i>	Lutz 1979	El Brete	ER	Anacardiaceae	Ituzaingó M Fm
293 <i>Schopfiacaulia peripaludica</i>	Crisafulli et al. 2000	Río Curacó	LP	Cordaitales	Carapacha Pe Fm
294 <i>Solanumxylon paranensis</i>	Franco & Brea 2008	Toma Vieja	ER	Solanaceae	Paraná Fm M
295 <i>Soroceaxylon entrerriensis</i>	Franco 2010	Toma Vieja	ER	Moraceae	Ituzaingó M Fm
296 Styacaceae	Raigemborn et al. 2009	Cerro Abigarrado y Punta Peligro	CH	Styacaceae	Peñas Pa-E Coloradas Fm
297 <i>Styracoxylon thyllosum</i>	Moya et al. 2015	Consorcio Paso Sociedad, Federal	ER	Styracaceae	Arroyo Pn Feliciano Fm
298 <i>Taxaceoxylon</i>	Camino et al. 1995	Quebrada Santo Domingo	LR	Gymnosperm	Santo Tr Domingo Fm
299 <i>Taxaceoxylon katuatenum</i>	Brea et al. 2009	km 170, Sarmiento	CH	Taxaceae	Koluel-Kaike E Fm
300 <i>Taxodioxylon</i> sp. 1	Egerton et al. 2016	Cerro Fortaleza	SC	Cupressaceae	Cerro K Fortaleza Fm
301 <i>Taxodioxylon</i> sp. 2	Egerton et al. 2016	Cerro Fortaleza	SC	Cupressaceae	Cerro K Fortaleza Fm
302 <i>Terminalioxylon concordiensis</i>	Brea & Zucol 2001	Punta Viracho	ER	Combretaceae	El Palmar Pn Fm
303 <i>Tranquiloxylon petriellai</i>	Herbst & Lutz 1995	Estancia Cañadón Largo	SC	Corystosperma- ceae?	Laguna Tr Colorada Fm
304 <i>Ulmium artabeae</i>	Brea 1998a	Arroyo Caraballo	ER	Lauraceae	El Palmar Pn Fm
305 <i>Ulmium atlanticum</i>	Romero 1970	Bahía Solano	CH	Lauraceae	Unknown E
306 <i>Ulmium chubutense</i>	Brea 1995	Bahía Solano	CH	Lauraceae	Unknown Te
307 <i>Ulmium mucilaginosum</i>	Brea 1998a	Punta Viracho	ER	Lauraceae	El Palmar Pn Fm
308 Undetermined conifer wood	Beltrán et al. 2021	Quebrada de Ischichuca	LR	Conifer	Ischichuca Tr
309 <i>Vitaceoxylon</i> sp.	Martínez & Crisafulli 2019	Termas de Río Hondo	SE	Vitaceae	Las Cañas Pl Fm

Record	Reference/s	Locality	Prov.	Affinity	Formation/ Stratigraphic Age unit
310 <i>Weinmannioxylon multi-perforatum</i> Petriella 1972	Brea <i>et al.</i> 2015	Aluminé	NE	Cunoniaceae	Rancahué O Fm
311 <i>Weinmannioxylon multi-perforatum</i>	Petriella 1972	Cerro Bororó	CH	Cunoniaceae	Cerro Bororó Pa Fm
312 <i>Weinmannioxylon multi-perforatum</i>	Raigemborn <i>et al.</i> 2009	Cerro Abigarrado	CH	Cunoniaceae	Peñas Pa-E Coloradas Fm
313 <i>Weinmannioxylon pluri-radiatum</i> Petriella 1972	Petriella 1972	Cerro Bororó	CH	Cunoniaceae	Cerro Bororó Pa Fm
314 <i>Winteroxyloleiferum</i> Brea <i>et al.</i> 2021	Brea <i>et al.</i> 2021	Laguna del Hunco	CH	Winteraceae	Huitrera Fm E
315 <i>Wintucycas beatrizae</i> Martínez <i>et al.</i> 2018	Martínez <i>et al.</i> 2018	Pichaihue	NE	Cycadales	Pichaihue Pa limestones
316 <i>Wintucycas stevensonii</i> Martínez <i>et al.</i> 2012	Martínez <i>et al.</i> 2012	Salitral Ojo de Agua	RN	Cycadales	Allen Fm K
317 Wood indet 1	Carrizo & Del Fuego 2015	Unknown	SC	Unknown	Springhill K Fm
318 <i>Worsdellia bonettiae</i> Artabe <i>et al.</i> 2004	Artabe <i>et al.</i> 2004	Bajo de Santa Rosa	RN	Cycadales	Allen Fm K
319 xylotype 1 cf. <i>Austrocedrus chilensis</i>	Poole & Cantrill 2007	West Point Island	MF	Cupressaceae	Forest Bed strata O?-PI?
320 xylotype 2 cf. <i>Podocarpus nubigena</i>	Poole & Cantrill 2007	West Point Island	MF	Podocarpaceae	Forest Bed strata O?-PI?
321 xylotype 3	Poole & Cantrill 2007	West Point Island	MF	Podocarpaceae	Forest Bed strata O?-PI?
322 xylotype 4	Poole & Cantrill 2007	West Point Island	MF	Podocarpaceae?	Forest Bed strata O?-PI?
323 xylotype 5 cf. <i>Phyllocladus</i>	Poole & Cantrill 2007	West Point Island	MF	Podocarpaceae	Forest Bed strata O?-PI?
324 <i>Zamuneria amyia</i> Martínez <i>et al.</i> 2017	Martínez <i>et al.</i> 2017	Cerro Fortaleza	SC	Zamiaceae	Mata K Amarilla Fm

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