

INDEX OF FIGURED PLANT MEGAFOSSILS PERMIAN 1976–1980

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Introduction

When we started the IFPM Permian 1976–1980 our files held information on 545 possibly useful publications. This paper is the result of the investigation of 463 of them, i.e. 85%. The remaining 82 papers, not available to us, are obviously hard to get at, since we did not get the expected response on a number of letters to colleagues abroad. On the other hand we are proud to present an extensive list of contributors to the IFPM. We would be very pleased to receive any additional information with regard to the inevitable mistakes and omissions.

The remarks made in this paper do not represent our personal opinion: they are meant to draw attention to conflicting opinions in the literature studied. A marginal “+” has the same function with regard to nomenclature.

From this paper onwards we will refrain from extensive explanatory notes to the text: we assume that the users are familiar with the system used. New users are requested to consult the previous issues. For reference works consulted the reader is referred to IFPM Triassic 1976–1980.

This paper holds information on 398 genera and 1128 species, among which 58 new genera, 337 new species and 3 new taxa of infraspecific rank. The plant megafossils have been described and figured from 37 countries (120 geographical units). The number of useful papers amounts to 259.

ABBREVIATIONS OF STRATIGRAPHICAL UNITS

D	Devonian
C	Carboniferous
P	Permian
G	Gondwana
K	Karoo
T	Triassic
L	Lower (Permian, Gondwana, etc.)
M	Middle (Permian, Gondwana, etc.)
U	Upper (Permian, Gondwana, etc.)
UPBara	Barakar
UPKamt	Kamthi
UPKarh	Karharbari
UPKaza	Kazanian
UPKupf	Kupferschiefer
UPRani	Raniganj
UPTata	Tatarian
UPThur	Thuringian
UPZech	Zechstein
LPArti	Artinskian
LPAutu	Autunian
LPBara	Barakar
LPKung	Kungurian
LPRotl	Rotliegendes
LPSakm	Sakmarian
LPSaxo	Saxonian
LPUfim	Ufimian
LPWolf	Wolfcampian
LGBara	Barakar
LGBaRM	Barren Measures

LGKamt Kamthi
 LGKarh Karharbari
 LGRani Raniganj
 LGTalc Talchir
 LKEcca Eccla

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Abietopitys Kräusel 1928

A. perforata (Gothan 1908) Kräusel 1928
 1978 Mussa (a), fig.2A, B

(scheme from Kräusel)

Abrotopteris Mo 1980

A. guizhouensis (Gu et Zhi 1974) Mo 1980
 1980 Zhao et al., pl.19. 1 7. 8(?)

China (Guizhou/Yunnan)

UP

Acitheca Schimper 1891

A. sp.
 1977 Remy et Remy, fig.56B
A. cupressoides Gu et Zhi 1974
 1978 Zhang, pl.155. 4(?)
A. polymorpha (Brongniart 1834) Schimper 1891
 1977 Remy et Remy, fig.123B (ex gr.)
A. unifurcata Yang et Chen ex Zhang 1978
 1978 Zhang, pl.155. 7, 8

(scheme)

(C P)

China (Guizhou)

UP

(scheme)

(C P)

China (Guizhou)

UP

Alethopteris* Sternberg 1825A. sp.*

1976 Balasundaram et al., pl.22, 5

1979 Asama, fig.5 (5–8)

1979 Yuasa, fig.3, 9

A. firmata Zhang 1978

1978 Zhang, pl.158, 3

A. grandini (Brongniart 1833) Goeppert 1836

1976 Barthel (a), pl.2, 5, 6

1978 Gillespie et al., pl.35, 7

1978 Gillespie et al., pl.35, 9

A. kaipingiana Stockmans et Mathieu 1939

1976 Huang, pl.217, 4–5 (cf.)

A. norinii Halle 1927

1976 Asama, fig.1 (10)

1976 Huang, pl.221, 4, 5

1979 Asama, figs.3 (10), 17C

1980 Asama, fig.5

A. pennsylvanica Lesquereux 1858

1978 Gillespie et al., pl.35, 2, 5

A. schneideri Sterzel 1918

1976 Barthel (a), fig.1; pl.1, 1–13; pl.2, 7

1976 Barthel (a), pl.2, 1–4

1976 Barthel (a), pl.2, 5, 6

1976 Barthel (b), pl.4, 8

1976 Barthel et al., figs.13, 14; pl.36, 1–5, 6–10 (cuti); pl.37, 1–10; pl.39, 9 (cuti)

1976 Barthel et al., fig.15

A. serlii (Brongniart 1828) Goeppert 1836

1978 Gillespie et al., pl.35, 4, 6

1978 Gillespie et al., pl.36, 8

A. shengi Sze 1954

1977 Feng et al., pl.244, 5

A. subelegans (Potonié 1893) Franke 1912

1976 Barthel et al., pl.30, 7; pl.32, 10–12; pl.39, 3

A. virginiana Fontaine et White 1880

1978 Gillespie et al., pl.36, 2

A. yiyangensis Feng 1977

1977 Feng et al., pl.244, 3, 4

India

(scheme)

(scheme from Halle, 1931)

UPBara–Rani

(C–P)

(C–P)

China (Guizhou)

UP

GDR (Suhl)

(scheme)

USA (West Virginia)

LPAutu

(UC–LP?)

UC–LP?

China (Inner Mongolia)

LP

(scheme)

China (Inner Mongolia)

China (Shanxi)

(scheme)

LP

P

(scheme)

(UC–LP?)

GDR (Erfurt)

GDR (Karl-Marx-Stadt)

GDR (Suhl)

GDR (Karl-Marx-Stadt)

GDR (Karl-Marx-Stadt)

LPAutu

LPAutu

LPAutu

LPRotl

LPRotl

(from Sterzel, 1918)

(scheme)

USA (West Virginia)

(UC–LP?)

UC–LP?

China (Henan)

UP

GDR (Karl-Marx-Stadt)

LPRotl

USA (West Virginia)

UC–LP?

China (Henan)

LP

Ammatophyllum* Zalesky 1936A. sp.*

1976 Bohlin, figs.301, 683; pl.17, 16 (all cf.)

China (Chinghai)

UC–LP

Amyelon* Williamson 1874 ex Barnard 1962A. sp.*

1980 Tian et Zhang, pl.25, 1–3; pl.26, 1; pl.27, 2–4

China (Guizhou)

UP

Angaridium* Zalesky 1933A. sp.*

1976 Bohlin, fig.430; pl.21, 10–11 (all cf.)

1977 Zimina, pl.1, 9

China (Chinghai)

USSR (Primorskiy Kray)

UC–LP

LP

Angaropteridium* Zalesky 1930A. sp.*

1977 Zimina, pl.1, 10(?)

USSR (Primorskiy Kray)

LP

A. tyrganicum Zalesky 1936

1976 Zimina, fig. p.32; pl.5, 1–4

USSR (Primorskiy Kray)

UP

1977 Zimina, fig.13; pl.1, 8

USSR (Primorskiy Kray)

UP

Ankyropteris (Stenzel 1889) Bertrand 1907*A. scandens* (Stenzel 1889) Bertrand 1907

1976 Barthel et al., pl.2, 4, 5

GDR (Karl-Marx-Stadt)

LPRotl

Annularia Sternberg 1821*A. sp.*

1976 Barthel et al., pl.27, 14

GDR (Karl-Marx-Stadt)

LPRotl

1976 Bohlin, fig.471 (cf.)

China (Chinghai)

UC-LP

1976 Bohlin, fig.530(?); pl.1, 12(?)

China (Kansu)

UC-LP

1979 Asama, fig.13B

(scheme from Abbott, 1958)

(C-P)

1979 Rösler, fig.4(1)

(scheme)

(C-P)

1979 Yuasa, fig.4.5

(scheme from Abbott, 1958)

(C-P)

1980 X, number "2" in fig.

(rec. from Bertrand, 1943)

(C-P)

A. asteris Bell 1924

1978 Gillespie et al., pl.26, 5

USA (West Virginia)

UC-LP?

A. carinata Gutbier 1837

1976 Barthel et al., pl.26, 5-8

GDR (Karl-Marx-Stadt)

LPRotl

1980 Barthel (a), fig.96(3.3A)

GDR (Gera)

LPRotl

A. gracilescens Halle 1927

1977 Feng et al., pl.235, 8

China (Henan)

LP

A. hunanensis Gu et Zhi 1974

1977 Feng et al., pl.235, 9

China (Hunan)

UP

A. longissima Nejbura 1964

1977 Huang, pl.1, 1-2

China (Heilongjiang)

LP

A. mucronata Schenk 1883

1976 Huang, pl.211, 4

China (Inner Mongolia)

LP

1977 Feng et al., pl.235, 10

China (Hunan)

UP

A. pingloensis (Sze 1940) Gu et Zhi 1974

1977 Feng et al., pl.2338, 3, 4

China (Guangdong)

UP

1978 Chen et al., pl.150, 4

China (Sichuan)

UP

1978 Zhang, pl.152, 7

China (Guizhou)

UP

1980 Tian et Zhang, fig.17; pl.5, 1, 4, 5, 9

China (Guizhou)

UP

1980 Zhao et al., pl.4, 10; pl.6, 3, 4

China (Guizhou/Yunnan)

UP

A. shirakii Kawasaki 1927

1978 Zhang, pl.152, 8

China (Guizhou)

UP

1980 Zhao et al., pl.2, 10-12

China (Guizhou/Yunnan)

UP

A. sphenophylloides (Zenker 1833) Gutbier 1837

1976 Barthel et al., pl.24, 6; pl.26, 9

GDR (Karl-Marx-Stadt)

LPRotl

1977 Remy et Remy, fig.227d

(scheme)

(C-P)

1978 Gillespie et al., pl.26, 3, 6, 7

USA (West Virginia)

UC-LP?

A. spicata (Gutbier 1849) Schimper 1869

1976 Barthel et al., pl.28, 1-9

GDR (Karl-Marx-Stadt)

LPRotl

1980 Barthel (a), fig.96(1/2)

GDR (Gera)

LPRotl

A. stellata (Sternberg 1825) Wood 1860

1976 Barthel et al., pl.24, 7; pl.25, 1, 2; pl.26, 1; pl.29, 11

GDR (Karl-Marx-Stadt)

LPRotl

1976 Huang, pl.211, 5, 6

China (Inner Mongolia)

LP

1977 Krumbiegel et Walther, pl.48, 80

GDR (Karl-Marx-Stadt)

LPRotl

1977 Remy et Remy, fig.225b

(scheme)

(C-P)

1977 Remy et Remy, fig.225c

(rec.)

(C-P)

1978 Daber et Helms, figs. p.36, 39, 202, 206

(scheme)

(C-P)

1978 Gillespie et al., pl.26, 1

USA (West Virginia)

UC-LP?

1978 Remy et Remy (b), fig.1

(rec.)

(C-P)

1978 Strasburger, fig.737B

(from Stur)

(C-P)

1980 Barthel (a), fig.93(1/3)

GDR (Gera)

LPRotl

1980 Barthel et Haubold, pl.9, 3

GDR (Suhl)

LPAutu

1980 Bold et al., fig.19-51

.

C-P

1980 El-Khayal et al., fig.2B

Saudi Arabia (Unayzah)

UC-LP

A. tenuifolia Nejbura 1948

1979 Burago, pl.7, 4; pl.9, 1

USSR (Primorskiy Kray)

LP

<i>A. undulata</i> Nejburg 1964 1976 Durante, pl.2, 1–3; pl.3, 2–4 (all cf.)	Mongolia	LP
<i>Annulina</i> Nejburg ex Rasskazova 1961		
+ <i>A. planifolia</i> fa. <i>crassinervia</i> Radchenko ex MS 1979 Burago, pl.6. 3, 4; pl.9, 2	USSR (Primorskiy Kray)	LP
<i>Antarticoxylon</i> Seward 1914		
<i>A. seawardii</i> Mussa 1980 1980 Mussa, pl.1, 1–4; pl.2, 5–8; pl.3, 9–12; pl.4, 13–17	Brazil (São Paulo)	P
<i>Antevsia</i> Harris 1937		
<i>A. zeilleri</i> (Nathorst 1908) Harris 1937 1979 Dilcher, fig.26 1979 Dilcher, fig.27 (pollen)	(diagram from Townrow, 1960) –	(P–T) (P–T)
<i>Aphlebia</i> Presl 1838		
<i>A. erdmannii</i> (Kunze in Germar 1849) Potonié 1893 1980 Barthel (c), pl.2, f.8, 9	GDR (Gera)	LPRotl
<i>Araucaria</i> Jussieu 1789		
<i>A. sp.</i> 1979 Lichter, fig.3(6)	(rec.)	(P)
<i>Araucarioxylon</i> Kraus 1870		
<i>A. loharense</i> Agashe et Gowda 1978 1978 Agashe et Gowda, figs.1A–I, 2A–G	India (Maharashtra)	LG
<i>Araucarites</i> Presl 1838		
<i>A. permicus</i> Mercklin 1855 1885 Quenstedt, pl.97, 15 <i>A. saxonicus</i> (Reichenbach 1836) Geinitz 1858 1885 Quenstedt, pl.97, 16	(from Ludwig) –	LPRotl
<i>Arberia</i> White 1908		
<i>A. sp.</i> 1978 Bernardes de Oliveira, pl.1, 2 <i>A. brasiliensis</i> Lundqvist 1919 1978 Bernardes de Oliveira, fig.10; pl.2, 2 (all aff.) <i>A. minasica</i> White 1908 1976 Schopf, fig.11d 1977 Pant, fig.6G 1978 Bernardes de Oliveira, figs.1–9; pl.1, 1, 3, 4; pl.2, 1, 3, 4; pl.3, 1–4; pl.4, 1	Brazil (Santa Catarina) Brazil (Santa Catarina) (from Rigby, 1972) (rec. from Rigby, 1972) Brazil (Santa Catarina)	L–MP L–MP L–MP
<i>Arberiella</i> Pant et Nautiyal 1960		
<i>A. sp.</i> 1976 Schopf, pl.3, 5; pl.4, 1–6 1977 Gould et Delevoryas, fig.8A–G Remark: descr./ills. include anatomy and pollen grains. 1978 Van Dijk et al., fig.1 <i>A. africana</i> Pant et Nautiyal 1960 1977 Pant, fig.8F, G 1977 Pant, fig.11B	South Africa (Natal) Australia (Queensland) South Africa (Natal) (from Pant et Nautiyal, 1960) India	P UP UP LG

A. vulgaris Pant et Nautiyal 1960

1977 Chandra et Surange (d), fig.3, 5 (cuti, pollen); pl.1, 7 (pollen);
pl.2, 8 (cuti), 9 (pollen), 10 (cuti), 13 (Faunipollenites)

1977 Pant, fig.8H

Remark: in situ pollen: *Striatites*.

India (West Bengal)

(from Pant et Nautiyal, 1960)

LGRani

***Arberiopsis* Bernardes de Oliveira 1978**

A. sp.

1978 Bernardes de Oliveira, figs.11–13; pl.4, 2, 3, 5 (all ?)

Brazil (Santa Catarina)

L MP

A. boureauui Bernardes de Oliveira 1978

1978 Bernardes de Oliveira, figs.14–16; pl.4, 4

Brazil (Santa Catarina)

L MP

***Archaeocycas* Mamay 1973**

A. sp.

1979 Taylor et Millay, fig.3C

(from Mamay, 1976)

A. whitei Mamay 1973

1976 Mamay, figs.3, 7A, 8A

(rec.)

1976 Mamay, pl.1, 1–5; pl.2, 5–7

USA (Texas)

LP

1980 Bold et al., fig.24–20

(from Mamay, 1976)

***Arthropitys* Goeppert 1864**

A. bistrata (Cotta 1832) Goeppert 1864

1976 Barthel et al., pl.28, 18–20

GDR (Karl-Marx-Stadt)

LPRotl

1977 Krumbiegel et Walther, pl.47, 78

GDR (Karl-Marx-Stadt)

LPRotl

1977 Marguerier, pl.2, 1, 2

France (Saône-et-Loire)

LP

A. communis (Binney 1868) Renault 1876

1978 Strasburger, fig.735

(from Knoell)

(C–P)

1978 Strasburger, fig.736

(from Scott)

(C–P)

1980 Bold et al., fig.19–49

(C–P)

***Artisia* Presl 1838**

A. sp.

1978 Daber et Helms, figs. p.36, 241

(scheme)

(C–P)

1978 Mussa et al., pl.1, 1–4 (tipo)

Brazil (São Paulo)

P

A. approximata (Brongniart 1828) Corda 1838

1976 Barthel et al., pl.43, 5

GDR (Karl-Marx-Stadt)

LPRotl

***Asansolia* Pant et Misra 1976**

A. phegopteroides (Feistmantel 1876) Pant et Misra 1976

1976 Pant et Misra, figs.1–3; pl.1–3

India (West Bengal)

UPRani

Remark: description and illustrations include spores,
cuticles and anatomical details.

***Asolanus* Wood 1861**

A. camptotaenia Wood 1861

1976 Bohlin, fig. p.110

(scheme from Nêmejc)

(UC–LP)

A. chapchaliensis Bohlin 1976

1976 Bohlin, figs.469, 691; pl.24, 1

China (Chinghai)

UC LP

***Aspidiaria* Presl 1838**

A. sp.

1977 Feng et al., fig.101

(scheme)

(C–P)

***Asterochlaena* Corda 1845**

A. laxa Stenzel 1889

1976 Barthel et al., pl.2, 1; pl.11, 15

GDR (Karl-Marx-Stadt)

LPRotl

***Asterophyllites* Brongniart 1828**

<i>A. sp.</i>		
1976 Bohlin, fig.667(“”)	China (Chinghai)	UC-LP
1980 X, number “3” in fig.	(rec. from Bertrand, 1943)	
<i>A. dumasii</i> Zeiller 1892		
1980 Barthel (a), fig.95(2)	GDR (Gera)	LPRotl
<i>A. equisetiformis</i> (Sternberg 1825) Brongniart 1828		
1976 Barthel et al., pl.29, 6–8	GDR (Karl-Marx-Stadt)	LPRotl
1978 Gillespie et al., pl.25, 3	USA (West Virginia)	UC-LP?
<i>A. equisetiformis</i> (Sternberg 1825) Brongniart 1828		
fa. <i>equisetiformis</i>		
1977 Remy et Remy, fig.229A	GDR (Gera)	LPAutu
1980 Barthel (a), fig.94(4, 5)	GDR (Gera)	LPRotl
<i>A. longifolius</i> (Sternberg 1825) Brongniart 1828		
1978 Gillespie et al., pl.25, 5	USA (West Virginia)	UC-LP?

***Asterotheca* Presl 1846**

<i>A. sp.</i>		
1976 Bohlin, fig.501; pl.9, 15	China (Kansu)	UC-LP
1977 Remy et Remy, fig.56A	(scheme)	(C-P)
1979 Rösler, fig.4(6)	(scheme)	
1979 Rösler, figs.7, 8	Brazil (Paraná)	LP
<i>A. arborescens</i> (Sternberg 1825) Stur 1877		
1977 Remy et Remy, fig.119B	GDR (Gera)	LPAutu
<i>A. cottoni</i> (Zeiller 1902) Hirmer 1927		
1977 Feng et al., pl.242, 5	China (Guangdong)	UP
+ <i>A. cyathea</i> (Schlotheim 1804) Brongniart 1828		
1977 Remy et Remy, fig.120A	GDR (Gera)	LPAutu
1977 Remy et Remy, fig.120B	(scheme)	(C-P)
<i>A. golondrinensis</i> Herbst 1978		
1978 Herbst, fig.1A–D; pl.1, 1–5	Argentina (Santa Cruz)	LP
<i>A. hemitelioides</i> (Brongniart 1833) Stur 1877		
1977 Remy et Remy, fig.121A	GDR (Gera)	LPAutu
1977 Remy et Remy, fig.121B	(scheme)	(C-P)
<i>A. primorskiensis</i> Burago 1980		
1980 Burago (a), fig.6; pl.9, 1–3 (all ?)	USSR (Primorskiy Kray)	UP
<i>A. sternbergii</i> (Goeppert 1836) Presl 1846		
1976 Barthel et al., pl.18, 1–2	GDR (Dresden)	LPRotl

***Australoxylon* Marguerier 1973**

<i>A. kanhargaoense</i> Prasad et Chandra 1978		
1978 Prasad et Chandra (b), figs.1–3	India (Maharashtra)	LKGKamt

***Austroglossa* Holmes 1974**

<i>A. walkomii</i> Holmes 1974		
1976 Gould, fig.4A	(scheme from Holmes, 1974)	
1976 Schopf, fig.13a, b	Australia (New South Wales)	UP
1977 Pant, fig.10C	(from Holmes, 1974)	
1980 Retallack, fig.21.5J (””; in situ)	Australia (New South Wales)	L-UP

***Austroscleromedulloxylon* Mussa 1980**

<i>A. geraldinii</i> Mussa 1980		
Remark: no diagnosis given.		
1980 Mussa et al., pl.1, 2–4	Brazil (São Paulo)	P

***Bachtia* Nejbürg 1960**

<i>B. sp.</i>		
1976 Durante, pl.1, 1–4	Mongolia	UP

1978 Fefilova (b), fig.17; pl.17, 1–5	USSR (Komi ASSR)	LPUfim
1978 Fefilova (b), pl.17, 6	USSR (Komi ASSR)	UPKaza
<i>Bageopitys</i> Dohms 1976		
<i>B. articulata</i> Dohms 1976		
1976 Dohms, figs.1–7; pls.1–5	Brazil (Rio Grande do Sul)	P
<i>Bajdaievia</i> Nejbura 1960		
<i>B. longiuscula</i> Fefilova 1978		
1978 Fefilova (b), fig.11; pl.10	USSR (Komi ASSR)	UPKaza
<i>B. speciosa</i> Fefilova 1978		
1978 Fefilova (b), fig.12; pl.11, 1, 4	USSR (Komi ASSR)	LPUfim
1978 Fefilova (b), pl.11, 2	USSR (Komi ASSR)	UPKaza
1978 Fefilova (b), pl.11, 3	USSR (Komi ASSR)	UPTata
<i>Barakroxylon</i> Surange et Maithy 1962		
<i>B. brasiliense</i> Schrage 1973		
1978 Guerra, fig.2A	Brazil (Rio Grande do Sul)	M–UP
<i>B. jahriense</i> (Surange et Sah 1956) Surange et Maithy 1962		
1978 Guerra, fig.2D	India (Bihar)	LGBara
<i>B. lafoniense</i> (Halle 1912) Schrage 1973		
1978 Guerra, fig.2B	GB (Falkland Islands)	P
<i>B. monocanalosum</i> Kulkarni 1971		
1978 Guerra, fig.2E	India (Bihar)	LGBara
<i>B. resiniferum</i> Guerra 1978		
1978 Guerra, figs.1A–D, 2C; pl.1, A–D; pl.2, A–F	Brazil (Rio Grande do Sul)	M–UP
<i>Bardocarpus</i> Zalessky 1937		
+ <i>B. tunguskaensis</i> Verbitskaya		
1976 Durante, pl.72, 12	Mongolia	LP
<i>Belemnopteris</i> Feistmantel 1877		
<i>B. elongata</i> Lacey, Van Dijk et Gordon-Gray 1975		
1978 Rigby (b), figs.25, 26	Australia (Queensland)	U?P
1979 Van Dijk et al., pl.47, 32–43	South Africa (Natal)	UP
<i>B. pellucida</i> Pant et Choudhury 1977		
1977 Pant et Choudhury, figs.4, 5; pl.5, 30–34; pl.6, 36–39	India (West Bengal)	UPRani
Remark: descr./ills. include cuticles.		
<i>B. sagittifolia</i> Pant et Choudhury 1977		
1977 Pant et Choudhury, figs.1–3; pl.1; pl.2, 7–12; pl.3; pl.4	India (West Bengal)	UPRani
Remark: descr./ills. include cuticles and anatomical details.		
<i>Bergeria</i> Presl in Sternberg 1838		
<i>B. sp.</i>		
1977 Feng et al., fig.101	(scheme)	(C–P)
1977 Feng et al., pl.233, 5	China (Henan)	UP
<i>Bicoemphlectopteridium</i> Asama 1959		
<i>B. longifolium</i> (Kodaira 1930) Asama 1959		
1976 Asama, fig.1(6)	(scheme)	
1976 Asama, pl.29, 3	North? Korea (Kaisen. Heian-Nando)	LP
1979 Asama, fig.3(6)	(scheme)	
1980 Asama, fig.5	(scheme)	
<i>Bicoemphlectopteris</i> Asama 1959		
<i>B. hallei</i> Asama 1959		
1976 Asama, fig.1(3)	(scheme)	

1976 Asama, pl.28, 3, 3A	China (Shansi)	UP
1976 Asama, pl.28, 3B	China (Fukien)	UP
1976 Asama, pl.30, 6	Turkey (Anatolia)	M-UP
1979 Asama, fig.2B	China (Shanxi)	UP
1979 Asama, figs.3(3), 4B	(scheme)	
1979 Vozenin-Serra, pl.1, 4; pl.2, 5, 6	Laos (-)	P
1980 Asama, fig.5	(scheme)	
<i>Bifariusotheca</i> Zhao 1980		
<i>B. qinglongensis</i> Zhao 1980		
1980 Zhao, pl.12, 5-6	China (Guizhou/Yunnan)	UP
<i>Biscalitheca</i> Mamay 1957		
<i>B. dubius</i> (Renault 1875) Galtier 1978		
1978 Galtier, figs.A, B(5)	(from Renault 1875, 1876)	
1978 Galtier, pl.1, 4; pl.2, 6, 8, 11-12 (spore)	France (Saône-et-Loire)	LPAutu
<i>Bothrodendron</i> Lindley et Hutton 1833		
<i>B. henanense</i> Xi 1977		
1977 Feng et al., pl.235, 7	China (Henan)	LP
<i>Botrychiopsis</i> Kurtz 1894		
<i>B. sp.</i>		
1980 Andreis et al., pl.1, 6	Brazil (Rio Grande do Sul)	LP
<i>B. ovata</i> (McCoy 1847) Retallack 1980		
1980 Retallack, fig.21.3G	Australia (New South Wales)	UC-LP
<i>B. plantiana</i> (Carruthers 1860) Archangelsky et Arrondo 1971		
1976 Gould, fig.3C, D	(scheme)	(C-P)
1980 Cazzulo-Klepzig et al. (b), pl.1, 4, 7, 13	Brazil (Rio Grande do Sul)	LPSakm
1980 Retallack, fig.21.3F	Australia (New South Wales)	UC-LP
<i>B. weissiana</i> Kurtz 1894		
1980 Retallack, fig.21.3E	Australia (New South Wales)	UC-LP
<i>Botryopteris</i> Renault 1875		
<i>B. sp.</i>		
1977 Krumbiegel et Walther, pl.15, 25	(ill. on stamp)	
<i>B. burgkensis</i> (Sterzel 1893) Barthel 1975		
1976 Barthel (b), pl.1, 6; pl.2, 6, 7A, B; pl.3, 3, 3A, 6	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., pl.4, 1, 2; pl.5, 1-10; pl.6, 1-12, 13-19 (spores); pl.7, 1-14	GDR (Karl-Marx-Stadt)	LPRotl
<i>Bowmanites</i> Binney 1871		
<i>B. sp.</i>		
1976 Bohlin, fig.11; pl.1, 8-10	China (Kansu)	UC-LP
<i>Brachyphyllum</i> Brongniart 1828		
<i>B. sp.</i>		
1980 Retallack, fig.21.8I (""')	Australia (New South Wales)	UP-LT
<i>Brasilestiloxylon</i> Mussa 1978		
<i>B. piracicabense</i> Mussa 1978		
1978 Mussa (b), pl.1, 1-5	Brazil (São Paulo)	P
<i>Brasilodendron</i> Chaloner, Leistikow et Hill 1979		
<i>B. sp.</i>		
1979 Rösler, fig.4(4)	(scheme)	

B. africanum Lemoigne et Brown 1980

1980 Lemoigne et Brown (a), pl.3, 11-13, 15-18

Namibia (Kaoko Veld)

U?P

B. pedroanum (Carruthers 1869) Chaloner, Leistikow et Hill 1979

1979 Chaloner et al., figs.1A-C, 2A-C, 3A, B, 4A-C';

pl.1, 1-6; pl.2, 1-6; pl.3, 1-6; pl.4, 1-7, 8 (associated spore)

Brazil (Rio Grande do Sul)

L-MP

1980 Lemoigne et Brown (a), pl.3, 14 (cf.)

Namibia (Kaoko Veld)

U?P

Brongniartites* Unger 1845B. sp.*

1980 Durante, fig.3('')

China (Xizang)

UP

Buriadia* Seward et Sahni 1920B. sp.*

1976 Balasundaram et al., pl.22, 15

(scheme)

1977 Maithy (c), pl.1, 2

India (Bihar)

UPKarh

1980 Guerra-Sommer et al., pl.1, 4

Brazil (Rio Grande do Sul)

LPSakm

B. heterophylla Seward et Sahni 1920

1977 Correa da Silva et Arrondo, pl.2, 3

Brazil (Rio Grande do Sul)

LPSakm-Arti

1980 Cazzulo-Klepzig et al. (a), pl.3, 1

Brazil (Rio Grande do Sul)

LPSakm

1980 Cazzulo-Klepzig et al. (b), pl.2, 6

Brazil (Rio Grande do Sul)

LPSakm

***Calamariophyllum* Hirmer 1927**+ *C. zeaeforme* (Schlotheim 1820) Hirmer 1927Remark: in text *C. zeaeformis*.

1980 Barthel (a), pl.97(3)

GDR (Gera)

LPRotl

Remark: the specimen figured by Schlotheim (1820), pl.26, 2.

Calamitea* Cotta 1832C. bistriata* Cotta 1832

1885 Quenstedt, pl.90, 10

GDR (Karl-Marx-Stadt)

LPRotl

Calamites* Brongniart 1828C. sp.*

1976 Barthel (b), pl.3, 2, 11

GDR (Karl-Marx-Stadt)

LPRotl

1976 Barthel et al., pl.27, 15

GDR (Karl-Marx-Stadt)

LPRotl

1976 Bohlin, figs.8, 527, 606, 607; pl.1, 6-7; pl.2, 1-2; pl.4, 12-13; pl.14, 8 (mostly cf., aff.)

China (Kansu)

UC-LP

1976 Bohlin, figs.286, 289-296, 575, 617, 618, 621, 679;

pl.17, 1-5 (mostly cf.,?)

China (Chinghai)

UC-LP

1976 Teixeira et Pais, figs.25A, B; 26A, B

(rec.)

(C-P)

1977 Feng et al., fig.104

(scheme)

(C-P)

1977 Feng et al., pl.236, 8

China (Hunan)

UP

1977 Krumbiegel et Walther, fig.2.90.2

(scheme from Stur)

(C-P)

1977 Niklas, fig.4

(scheme)

(C-P)

1978 Gillespie et al., fig.8

(rec.)

(UC-P)

1978 Gillespie et al., fig.10C

(scheme)

(C-P)

1978 Ratkevich et La Fon, fig. p.49

USA (New Mexico)

LP

1979 Asama, fig.13A

(scheme from Hirmer, 1927)

(C-P)

1979 Major, fig.202

(scheme)

(C-P)

1979 Yuasa, fig.4.2

(scheme from Hirmer, 1927)

(C-P)

1980 Bold et al., fig.19-48B;

(rec.)

(C-P)

1980 Bold et al., fig.19-50

.

(C-P)

1980 Bold et al., fig.19-52

(scheme from Eggert)

(C-P)

1980 Tian et Zhang, fig.3

(rec.)

(C-P)

1980 X, numbers "2, 3" in fig.

(rec. from Bertrand, 1943)

(P)

1980 Zhao et al., pl.4, 3

China (Guizhou/Yunnan)

UP

C. carinatus Sternberg 1824

1978 Gillespie et al., pl.23, 2, 5

USA (West Virginia)

UC-LP?

1980 Bold et al., fig.19–48A	(rec. from Hirmer)	(C–P)
<i>C. cistii</i> Brongniart 1828		
1976 Huang, pl.218, 1	China (Inner Mongolia)	UC–LP
<i>C. crassicaulis</i> (Renault 1888) Kidston et Jongmans 1915		
1976 Barthel et al., fig.9; pl.29, 1–3	GDR (Karl-Marx-Stadt)	LPRotl
<i>C. gigas</i> Brongniart 1828		
1976 Barthel et al., pl.27, 8–11 (cf.), 12	GDR (Karl-Marx-Stadt)	LPRotl
1980 Barthel (a), fig.95(1, 3, 4, 6, 8)	GDR (Erfurt)	LPRotl
1980 Barthel (a), fig.95(2)	GDR (Gera)	LPRotl
1980 Barthel (a), fig.95(5)	GDR (Karl-Marx-Stadt)	LPRotl
1980 Barthel (a), fig.95(7)	GDR (Suhl)	LPRotl
<i>C. infractus</i> Gutbier 1835		
1976 Barthel et al., pl.28, 17	GDR (Karl-Marx-Stadt)	LPRotl
<i>C. multiramis</i> Weiss 1884		
1976 Barthel et al., pl.26, 2, 3	GDR (Karl-Marx-Stadt)	LPRotl
1980 Barthel (a), fig.93(1/9)	GDR (Gera)	LPRotl
<i>C. suckowii</i> Brongniart 1828		
1976 Barthel et al., pl.27, 13	GDR (Karl-Marx-Stadt)	LPRotl
1980 Barthel (a), fig.96(4)	GDR (Gera)	LPRotl
<i>Calamitina</i> Weiss 1876		
<i>C. sp.</i>		
1978 Gillespie et al., figs.9, 10I	(scheme)	(C–P)
1980 Barthel (a), fig.94(7)	GDR (Gera)	LPRotl
<i>Calamitopsis</i> Remy et Remy 1977 ex Remy et Remy 1978		
<i>C. sp.</i>		
1977 Remy et Remy, fig.225C	(rec.)	(C–P)
<i>C. multiramis</i> (Weiss 1884) Remy et Remy 1977		
1977 Remy et Remy, fig.220	GDR (Gera)	LPAutu
1978 Remy et Remy (b)	(rec.)	(C–P)
<i>Calamodendron</i> Brongniart 1849		
<i>C. sp.</i>		
1978 Daber et Helms, fig. p.206	(scheme)	(C–P)
<i>C. striatum</i> (Cotta 1832) Brongniart 1849		
1976 Barthel et al., pl.26, 4; pl.29, 10	GDR (Karl-Marx-Stadt)	LPRotl
1976 Daber et Helms, fig. p.71	GDR (Karl-Marx-Stadt)	LP
1978 Daber et Helms, fig. p.194	GDR (Karl-Marx-Stadt)	LPRotl
<i>Calamostachys</i> Schimper 1869		
<i>C. sp.</i>		
1976 Barthel et al., pl.26, 13	GDR (Karl-Marx-Stadt)	LPRotl
1977 Remy et Remy, fig.234C	(scheme)	(C–P)
1979 Yuasa, fig.4.4;	(scheme from Williamson et Scott, 1894)	(C–P)
1979 Yuasa, fig.4.6	(scheme from Schenk, 1883)	
<i>C. binneyana</i> (Carruthers 1867) Schimper 1869		
1980 Bold et al., fig.19–53A, B	(scheme from Zimmermann)	(C–P)
<i>C. dumasii</i> (Zeiller 1892) Jongmans 1911		
1976 Barthel et al., pl.27, 1–4, 5–7 (spore), 8–11 (cf.), 16	GDR (Karl-Marx-Stadt)	LPRotl
1980 Barthel (a), fig.95(8)	GDR (Erfurt)	LPRotl
<i>C. tuberculata</i> (Sternberg 1825) Weiss 1884		
1976 Barthel (b), pl.1, 5; pl.2, 11–13	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., pl.25, 1–9, 10–13 (spore), 14; pl.26, 2	GDR (Karl-Marx-Stadt)	LPRotl
1977 Remy et Remy, fig.234D	GDR (Gera)	LPAutu
1980 Barthel (a), figs.93(4–7, 8 (spore)); 97 (1, 1A, 2A–C)	GDR (Gera)	LPRotl
Remark: fig.97 is the specimen figured by Sternberg (1825), pl.45, 2		

Callipterianthus* Roselt 1962C. arnhardtii* Roselt 1962

1980 Haubold, pl.2, 2-4

GDR (Suhl)

LPAutu

Callipteridium* Weiss 1870C. sp.*

1978 Gillespie et al., pl.36, 4 (cf.)

USA (West Virginia)

UC-LP

C. gigas (Gutbier 1849) Weiss 1870

1976 Barthel et al., pl.30, 2-4

GDR (Karl-Marx-Stadt)

LPRotl

1978 Gillespie et al., pl.38, 2

USA (West Virginia)

UC-LP

1978 Gillespie et al., pl.38, 3

(scheme)

(UC-LP)

+ *C. pteridium* (Schlotheim 1820) Zeiller 1888

1978 Gillespie et al., pl.38, 1

USA (West Virginia)

UC-LP

C. tachingshanense (Sze 1934) Lee et al. 1974

1980 Huang, pl.223, 5; pl.224, 4-5

China (Liaoning)

UC-LP

Callipteris* Brongniart 1849C. sp.*

1976 Durante, pl.44, 1; pl.47, 1, 4; pl.49, 7(?)

Mongolia

UP

1976 Huang, pl.222, 6

China (Inner Mongolia)

UP

1980 Durante, figs.2, 3

China (Xizang)

UP

1980 Haubold, figs.1, 4, 5; pl.1; pl.2, 3-5; pl.4, 1-5

GDR (Suhl)

LPAutu

1980 Haubold, fig.2

CSSR (Ceské Zemé

"Bohemia" ---)

LPAutu

(from Gothan, 1907)

(rec. from Mägdefrau, 1959)

1980 Haubold, fig.3

1980 X, number "7" in fig.

C. altaica Zalesky 1918

1976 Durante, pl.43, 1-2

Mongolia

UP

C. angustata Zalesky 1939

1977 Huang, pl.29, 1; pl.43, 7-8

China (Heilongjiang)

UP

C. biforma Huang 1977

1977 Huang, fig.12; pl.26, 3; pl.28, 1

China (Heilongjiang)

UP

C. conferta (Sternberg 1833) Brongniart 1849

1976 Barthel (b), pl.4, 3

GDR (Karl-Marx-Stadt)

LPRotl

1976 Barthel et al., pl.31, 5

GDR (Karl-Marx-Stadt)

LPRotl

1976 Denizot, pl.3, 14

France (---)

LPAutu

1976 Mundlos et al., fig. p.89

GFR (Saarland)

LPRotl

1976 Mundlos et al., fig. p.90

GFR (Rheinland-Pfalz)

LPRotl

1976 Rothe, fig.18

GFR (Baden-Württemberg)

LPRotl

1976 Van Amerom et al., figs.2 (1-5), 3 (1-7)

Austria (Carinthia)

LP

1977 De la Peña et al., pl.1, 1, 2

Spain (Soria)

LPAutu

1977 Krumbiegel et Walther, fig.2.95.5

(scheme from Gothan et Remy)

1977 Remy et Remy, fig.160A

GFR (Saarland)

LPAutu

1977 Remy et Remy, fig.160B

CSSR (Ceské Zemé ---

"Bohemia" ---)

LPAutu

1977 Sopena et al., fig.4.1

Spain (Guadalajara)

LPAutu

1977 Tenchov (b), pl.1, 2; pl.2, 1, 2

Bulgaria (Northwest)

LP

1978 Daber et Helms, figs. p.11, p.152

(scheme)

1978 Gillespie et al., pl.39, 1-3

USA (West Virginia)

LP?

1979 Gillespie et Pfefferkorn, pl.3, 6-8

USA (West Virginia)

LP?

1979 Richter, fig.171

France (Hérault)

LPAutu

1979 Schniepp, fig.12

GFR (Saarland)

LPRotl

1980 Barthel et Haubold, fig.1

(rec.)

1980 Barthel et Haubold, figs.2 (A-D) -12

(scheme)

1980 Barthel et Haubold, pl.1, 1; pl.4, 3; pl.13, 1-2

CSSR (Ceské Zemé ---

"Bohemia" ---)

LPAutu

1980 Barthel et Haubold, pl.1, 2; pl.2, 7; pl.3, 1; pl.14, 1; pl.15, 1-3

GFR (Saarland)

LPAutu

1980 Barthel et Haubold, pl.1, 3-5; pl.2, 4-6; pl.3, 2-7;

pl.4, 4; pl.9, 1-4; pl.12, 1-3

GDR (Suhl)

LPAutu

1980 Barthel et Haubold, pl.2, 1–3	France (Saône-et-Loire)	LPAutu
1980 Haubold, pl.3, 1, 2	GDR (Gera)	LPAutu
<i>C. conferta</i> (Sternberg 1833) Brongniart 1849 var. <i>supaioides</i> Haubold 1980		
1980 Haubold, fig.1, 1; pl.2, fig.1	GDR (Suhl)	LPAutu
<i>C. confluens</i> Nejbürg 1957		
1976 Durante, pl.10, 6 (cuti); pl.41, 1–3; pl.42, 5, 6; pl.44, 4; pl.45, 4; pl.46, 1; pl.48, 7 (ex gr.); pl.50, 5, 6; pl.53, 5 (ex gr.); pl.74, 4–8 (cuti)	Mongolia	UP
1977 Huang, pl.23, 1 (cf.)	China (Heilongjiang)	UP
<i>C. congermana</i> Zalessky 1928		
1980 Huang, pl.252, 5	China (Heilongjiang)	UP
<i>C. flabellifera</i> (Weiss 1879) Zeiller 1892		
1976 Barthel (b), pl.4, 6	GDR (Dresden)	LPRotl
1976 Barthel et al., pl.31, 6	GDR (Dresden)	LPRotl
1977 Remy et Remy, fig.162A–C	GDR (Suhl)	LPAutu
1980 Remy et al., figs.1–8; pl.1, 1–3; pl.2, 1–3; pl.3, 1–3; pl.4, 1–7; pl.5, 1–10	USA (Kansas) (from Weiss, 1879)	LPAutu
1980 Remy et al., pl.6, 1–3		
<i>C. heilongjiangensis</i> Huang 1977		
1977 Huang, pl.19, 2; pl.20, 1; pl.25, 2; pl.26, 2	China (Heilongjiang)	UP
<i>C. hongshanensis</i> Huang 1977		
1977 Huang, fig.13; pl.16, 4; pl.22, 3	China (Heilongjiang)	UP
1980 Huang, pl.256, 2	China (Heilongjiang)	UP
<i>C. jerunakovensis</i> Gorelova 1962		
1976 Durante, pl.49, 1–2 (ex gr.)	Mongolia	UP
1980 Huang, pl.256, 3–4 (cf.)	China (Heilongjiang)	UP
1980 Huang, pl.256, 5–6 (cf.)	China (Jilin)	UP
<i>C. lodevensis</i> (Brongniart 1835) Zeiller 1898		
1977 Tenchov (b), pl.2, 4	Bulgaria (Northwest)	LP
<i>C. martinsii</i> (Germar 1839) Zeiller 1906		
1977 Schaumberg, fig.3	GFR (Hessen)	UPKupf
1978 Daber et Helms, fig. p.195	GDR (Halle)	UPKupf
1980 Barthel et Haubold, pl.4, 1	GDR (Halle)	UPKupf
1980 Barthel et Haubold, pl.4, 2	GFR (Hessen)	UPZech
<i>C. mongoliaensis</i> Nejbürg 1957		
Remark: in text <i>C. mongoliensis</i>		
1976 Durante, pl.43, 3; pl.44, 2, 3; pl.49, 4, 5	Mongolia	UP
<i>C. moorei</i> (Elias 1936) Remy et Remy 1977		
1977 Remy et Remy, fig.163A, B	USA (Kansas)	LPAutu
<i>C. naumannii</i> (Gutbier 1849) Sterzel 1881		
1976 Barthel (b), pl.4, 4, 5	GDR (Dresden)	LPRotl
1976 Barthel et al., pl.31, 7–8	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., pl.31, 9	GDR (Leipzig)	LPRotl
1977 Remy et Remy, fig.161A	GDR (Halle)	LPAutu
1977 Remy et Remy, fig.161B	(scheme)	
1977 Tenchov (b), pl.2, 5; pl.3, 4	Bulgaria (Northwest)	LP
1980 Remy et al., fig.9	(scheme from Gutbier, 1849)	
<i>C. nicklesii</i> Zeiller 1898		
1977 Tenchov (b), pl.2, 3 (cf.)	Bulgaria (Northwest)	LP
1978 Remy et Remy (c), pl.8, 4–9 (cf.)	Italy (Brescia)	LPSaxo
1980 Remy et al., fig.10	(scheme from Zeiller, 1898)	
<i>C. obesa</i> Huang 1977		
1977 Huang, pl.28, 2; pl.29, 2–3; pl.31, 3	China (Heilongjiang)	UP
1980 Huang, pl.256, 1	China (Heilongjiang)	UP
<i>C. orientalis</i> Zalessky 1928		
1976 Durante, pl.45, 2; pl.46, 2–3; pl.47, 2, 5 (all cf.)	Mongolia	UP
<i>C. polymorpha</i> (Sterzel 1879) Gothan 1910		
1976 Barthel et al., pl.39, 13	GDR (Leipzig)	LPRotl

<i>C. pseudoshenshuensis</i> Huang 1977		
1977 Huang, pl.25, 1; pl.32, 1	China (Heilongjiang)	UP
1980 Huang, pl.254, 1-6a	China (Heilongjiang)	UP
<i>C. raymondii</i> Zeiller 1906		
1977 Sopena et al., fig.4.2	Spain (Guadalajara)	LPAutu
<i>C. sahnii</i> Zalessky 1928		
1976 Durante, pl.42, 1-4; pl.45, 3; pl.47, 3 (all ex gr.)	Mongolia	UP
1980 Durante, fig.3 (cf.)	China (Xizang)	UP
<i>C. scheibei</i> Gothan 1907		
var. <i>scheibei</i>		
1977 Remy et Remy, fig.164A-D	GDR (Erfurt)	LPAutu
<i>C. shenshuensis</i> Huang ex Huang 1976		
1976 Huang, pl.222, 7; pl.223, 1-5	China (Inner Mongolia)	UP
1977 Huang, fig.11; pl.21, 1-3; pl.22, 1-2; pl.23, 3; pl.26, 1	China (Heilongjiang)	UP
1980 Huang, pl.252, 1	China (Heilongjiang)	UP
1980 Huang, pl.252, 2-4	China (Liaoning)	UP
<i>C. tangwangheensis</i> Huang 1977		
1977 Huang, pl.23, 2; pl.30, 1-3; pl.31, 1-2	China (Heilongjiang)	UP
<i>C. tatianaeana</i> Zalessky 1934		
1980 Huang, pl.258, 3	China (Heilongjiang)	UP
<i>C. tongxingensis</i> Huang 1980		
1980 Huang, fig.35; pl.255, 1-8	China (Liaoning)	UP
<i>C. weberi</i> Sterzel 1896		
1976 Barthel (a), pl.1, 3	GDR (Karl-Marx-Stadt)	LPAutu
<i>C. zeilleri</i> Zalessky 1918		
1977 Huang, pl.26, 5; pl.34, 4; pl.42, 6-7	China (Heilongjiang)	UP
<i>Cardiocarpus</i> Brongniart 1880		
<i>C. sp.</i>		
1976 Balasundaram et al., pl.22, 14	(scheme)	
1980 Tian et Zhang, pl.22, 5	China (Guizhou)	UP
<i>C. cardiformis</i> Verbitskaya 1980		
1980 Verbitskaya (d), pl.17, 2-3(?)	USSR (Krasnoyarskiy Kray Tungusk Basin —)	LP
<i>C. elongatus</i> Sterzel 1893		
1976 Barthel et al., pl.39, 3	GDR (Karl-Marx-Stadt)	LPRotl
Remark: ? on <i>Alethopteris subelegans</i>		
<i>C. gutbieri</i> Geinitz 1855		
1977 Remy et Remy, fig.40F	GDR (Gera)	LPAutu
<i>C. reniforme</i> Geinitz 1858		
Remark: in text <i>C. reniformis</i>		
1976 Barthel et al., pl.43, 11	GDR (Karl-Marx-Stadt)	LPRotl
+ <i>Cardiolepis</i> Nejbura 1965		
Remark: non <i>Cardiolepis</i> Wallroth 1822.		
See Farr et al. (1979, p.290)		
<i>C. piniformis</i> Nejbura 1965		
1977 Meien, figs.1-3; pl.7, 1-13; pl.8, 1-4	USSR (Komi ASSR — Pechora Basin —)	UP
1977 Meien, fig.4	(rec.)	
1978 Meien, figs.1-3, 4 (cuti), 5-10, 10k-1 (<i>Vesicaspora</i>); pl.1, 1-8; pl.2, 10-12 (pollen in situ)	USSR (Komi ASSR — Pechora Basin —)	UP
<i>Cardioneura</i> Zalessky 1934		
<i>C. pulchra</i> (Nejbura 1948) Shvedov 1961		
1979 Burago, pl.8, 2; pl.9, 5	USSR (Primorskiy Kray)	LP
<i>C. tebenjkovii</i> Nejbura 1961		
1979 Burago, pl.7, 6; pl.8, 1, 3; pl.10, 1	USSR (Primorskiy Kray)	LP

+ ***Cardiopteris* Schimper 1869**

Remark: non *Cardiopteris* Wallich ex Blume 1849
See Farr et al. (1979; p.290)

C. sp.

1976 Bohlin, figs.396–398, 443–444, 453, 456, 458–459, 467,
486–487, 493–494, 654–657; pl.26, 5 (all cf.)

China (Chinghai)

UC–LP

***Carpentiera* Němejč et Augusta 1934**

C. frondosa (Göppert 1864–1865) Florin 1940

1976 Barthel (b), pl.4, 1

GDR (Dresden)

LPRotl

1976 Barthel et al., pl.42, 12, 13

GDR (Dresden)

LPRotl

***Carpolithes* Brongniart 1822**

C. sp.

1976 Bohlin, figs.258, 260, 568, 703; pl.15, 8–9, 14; pl.16, 12;
pl.27, 21; pl.29, 1–2 (all cf.)

1976 Durante, pl.72, 11

1978 Chen et al., pl.153, 7

1978 Zhang, pl.164, 1

1980 Tian et Zhang, fig.27; pl.5, 7, 8; pl.16, 3, 4; pl.22, 2–4

China (Kansu)

UC–LP

Mongolia

UP

China (Sichuan)

UP

China (Guizhou)

UP

China (Guizhou)

UP

C. galopinii Stockmans et Mathieu 1939

1976 Bohlin, figs.245, 564; pl.15, 16 (all cf.)

China (Kansu)

UC–LP

C. glansiformis Mo 1980

1980 Zhao et al., pl.17, 3–4

China (Guizhou/Yunnan)

UP

C. minutus Zhao 1980

1980 Zhao et al., pl.22, 2, 2A

China (Guizhou/Yunnan)

UP

C. punctatus Zhao 1980

1980 Zhao et al., pl.1, 7–7b

China (Guizhou/Yunnan)

UP

C. specularis Mo 1980

1980 Zhao et al., pl.15, 6; pl.17, 2; pl.18, 8, 9; pl.20, 6

China (Guizhou/Yunnan)

UP

***Cathaysiopteris* Koidzumi 1934**

C. sp.

1977 Feng et al., fig.107, 1

(scheme)

1977 Feng et al., pl.246, 5

China (Hunan)

UP

C. huapingensis Feng 1977

1977 Feng et al., pl.246, 2

China (Guangdong)

UP

C. whitei (Halle 1927) Koidzumi 1934

1976 Asama, fig.1(9)

(scheme)

1976 Asama, pl.29, 6, 6A

China (Shanxi)

LP

1977 De la Peña et al., pl.1, 3–5

Spain (Soria)

LPAutu

1977 Feng et al., pl.253, 6

China (Henan)

LP

1979 Asama, fig.3(9)

(scheme)

1980 Asama, fig.5

(scheme)

***Cathaysioxylon* Vozenin-Serra 1978**

C. khmerinum (Serra 1966) Vozenin-Serra 1978

1978 Vozenin-Serra, pl.1, 1–6; pl.2, 1–7

Cambodia (–)

UPKaza

***Caulophyllites* Pant et Singh 1979**

C. indica Pant et Singh 1979

1979 Pant et Singh, fig.1

(rec.)

1979 Pant et Singh, figs.2, 3; pl.1, 1–5; pl.2, 6–12; pl.3, 13–19

India (Bihar)

LGKarh

***Caulopteris* Lindley et Hutton 1832**

C. sp.

1980 X, number "5" in fig.

(rec. from Corsin, 1948)

<i>C. varians</i> Zeiller 1888		
1978 Daber et Helms, figs. p.36, p.191	(scheme)	(C–P)
<i>Chansitheca</i> Regè 1921		
<i>C. sp.</i>		
1980 Tian et Zhang, pl.7, 5–5a(?)	China (Guizhou)	UP
<i>C. kidstonii</i> Halle 1927		
1980 Zhao et al., pl.7, 1, 1a	China (Guizhou/Yunnan)	UP
<i>Chapchalia</i> Bohlin 1976		
<i>C. sp.</i>		
1976 Bohlin, figs.665–666, 668–669; pl.24, 9; pl.26, 9 (all cf.,?)	China (Chinghai)	UC–LP
<i>C. tsaidamensis</i> Bohlin 1976		
1976 Bohlin, figs.446–449, 466, 470, 472, 475–484, 663, 664, 672, 729; pl.24, 3–8; pl.25, 1–6; pl.26, 1–3	China (Chinghai)	UC–LP
<i>Cheirophyllum</i> Pant et Singh 1978		
<i>C. lacerata</i> (Feistmantel 1886) Pant et Singh 1978		
1978 Pant et Singh, figs.1, 2 (cuti); pl.1, 1–7; pl.2, 8, 9, 10–16 (cuti)	India (Bihar)	LGKarh
<i>Chiropteris</i> Kurr 1858		
<i>C. sp.</i>		
1976 Bohlin, fig.196; pl.32, 13 (all cf.)	China (Kansu)	UC–LP
1980 Andreis et al., pl.2, 1	Brazil (Rio Grande do Sul)	LP
1980 Cazzulo-Klepzig et al. (a), pl.3, 3	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (b), pl.1, 10	Brazil (Rio Grande do Sul)	LPSakm
<i>C. reniformis</i> Kawasaki 1925		
1977 Dolianiti, figs.1–4	Brazil (Santa Catarina)	P
1977 Feng et al., pl.245, 1, 2	China (Henan)	UP
1980 Cazzulo-Klepzig et al. (a), pl.2, 4, 6	Brazil (Rio Grande do Sul)	LPSakm
<i>Chulakia</i> Sal'menova 1979		
<i>C. alveolata</i> Sal'menova 1979		
1979 Sal'menova, pl.13, 5–7	USSR (Kazakhstan Dzhungariya ---)	UP
<i>C. pilifera</i> Sal'menova 1979		
1979 Sal'menova, pl.13, 8–10	USSR (Kazakhstan --- Dzhungariya --)	UP
+ <i>Cistella</i> Plumstead 1958		
Remark: nom. rej. vs. <i>Cistella</i> Quélet 1886 (nom. cons.). See Farr et al. (1979, p.373).		
<i>C. sp.</i>		
1977 Bose et al., pl.2, 16–17(?)	India (Madhya Pradesh)	UP LT
<i>C. ampla</i> White 1963		
1978 White, fig.65	Australia (New South Wales)	P
1978 White, fig.66	Australia (Queensland)	P
<i>C. stricta</i> Plumstead 1958		
1976 Schopf, fig.1(“”)	(scheme)	
<i>Cladophlebis</i> Brongniart 1849		
<i>C. sp.</i>		
1976 Bohlin, fig.A on p.44(“”)	(scheme)	
1976 Bohlin, figs.531, 545, 695; pl.11, 2, 10, 13; pl.12, 3, 12 (all cf., aff.,?, “”)	China (Kansu)	UC–LP
1976 Durante, pl.20, 3	Mongolia	UP
<i>C. connexa</i> Zhang 1978		
1978 Zhang, pl.157, 5–7	China (Guizhou)	UP

<i>C. fuyuanensis</i> Zhang 1980		
1980 Zhao et al., pl.13, 3-4a	China (Guizhou/Yunnan)	UP
<i>C. gorskii</i> Vladimirovich 1980		
1980 Vladimirovich, pl.11, 2	USSR (Komi ASSR — Pechora Basin —)	UP
<i>C. heishanensis</i> Bohlin 1976		
1976 Bohlin, figs.181, 183, 185, 187, 189, 190, 193, 195, 515; pl.4, 2; pl.8, 11; pl.11, 12; pl.12, 5; pl.14, 2; pl.31, 11 (partly cf.)	China (Kansu)	UC-LP
<i>C. henanensis</i> Zhang et Mo 1979		
1979 Zhang et Mo, pl.2, 2-5	China (Henan)	UP
<i>C. licharevii</i> Vladimirovich 1980		
1980 Vladimirovich, pl.10, 4; pl.11, 1	USSR (Kemerovskaya oblast — Kuzbass —)	UP
<i>C. manchurica</i> (Kawasaki 1934) Gu et Zhi 1974		
1976 Huang, pl.217, 1, 2	China (Inner Mongolia)	LP
1980 Huang, pl.235, 6, 7	China (Liaoning)	L?-UP
<i>C. melnikovii</i> Burago 1980		
1980 Burago (b), fig.9; pl.13, 1, 2	USSR (Primorskiy Kray)	UP
<i>C. mongolica</i> Durante 1976		
Remark: see also <i>C. mongolica</i> Durante 1971 in IFPM, Permian 1971-1975, p.12.		
1976 Durante, fig.27; pl.19, 7, 8; pl.21, 3, 4	Mongolia	UP
<i>C. nebbensis</i> (Brongniart 1828) Nathorst 1875		
1976 Le Roux, pl.1, 6-7 (cf.)	South Africa (Transvaal)	LP
<i>C. nystroemii</i> Halle 1927		
1977 Feng et al., pl.243, 9 (cf.)	China (Henan)	LP
<i>C. ozakii</i> Yabe et Oishi 1938		
1978 Zhang, pl.157, 4	China (Guizhou)	UP
1979 Vozenin-Serra, pl.3, 15, 16	Laos (-)	P
1980 Zhao et al., pl.12, 11, 11A	China (Guizhou/Yunnan)	UP
<i>C. parapermica</i> Chan MS ex Zhang 1978		
1978 Zhang, pl.156, 6	China (Guizhou)	UP
1980 Zhao et al., pl.13, 1-2A	China (Guizhou/Yunnan)	UP
<i>C. permensis</i> Lee et Wang 1956		
Remark: in text <i>C. permica</i> .		
1977 Feng et al., pl.243, 11	China (Henan)	UP
1978 Zhang, pl.156, 2	China (Guizhou)	UP
1980 Huang, pl.228, 4-5; pl.229, 3	China (Liaoning)	UP
1980 Zhao et al., pl.13, 5	China (Guizhou/Yunnan)	UP
<i>C. xiaohinganensis</i> Huang 1980		
1980 Huang, pl.261, 3, 3A	China (Heilongjiang)	UP
<i>C. yongwolensis</i> (Kawasaki 1927-1931) Stockmans et Mathieu 1939		
1976 Huang, pl.219, 2-3(?)	China (Inner Mongolia)	LP
1980 Huang, pl.229, 4(?)	China (Liaoning)	UP
<i>C. yunnanica</i> 1980		
1980 Zhao et al., pl.13, 6, 6A	China (Guizhou/Yunnan)	UP
<i>Cladostrobus</i> Zalesky 1918		
<i>C. sp.</i>		
1980 Goman'kov et Meien, fig.1(5)	(scheme)	
<i>C. lutuginii</i> Zalesky 1918		
1976 Durante, pl.71, 13	Mongolia	UP
<i>Comia</i> Zalesky 1934		
<i>C. sp.</i>		
1976 Durante, pl.43, 4; pl.45, 1; pl.49, 6; pl.50, 1; pl.51, 4-6 (partly ?)	Mongolia	UP
1976 Huang, pl.222, 5	China (Inner Mongolia)	UP
<i>C. cangfanggouensis</i> Hu 1980		
1980 Hu, pl.1, 1-3A	China (Xinjiang)	UP

<i>C. enisejevensis</i> Shvedov 1960		
1976 Durante, pl.48, 1 (aff.), 2-4, 5-6 (aff.); pl.50, 1-4	Mongolia	UP
<i>C. major</i> Shvedov 1961		
1977 Huang, fig.8; pl.9, 4	China (Heilongjiang)	UP
<i>C. microphylla</i> Huang 1977		
1977 Huang, pl.15, 1-2; pl.16, 1-3; pl.28, 3	China (Heilongjiang)	UP
<i>C. multinervis</i> Huang 1977		
1977 Huang, fig.9; pl.13, 1	China (Heilongjiang)	UP
<i>C. obese</i> Huang 1977		
1977 Huang, fig.10; pl.19, 1	China (Heilongjiang)	UP
<i>C. osinowskiensis</i> (Khakhlov 1931) Radchenko 1955		
1980 Huang, pl.257, 8 (cf.)	China (Liaoning)	UP
<i>C. shenshuensis</i> Huang, 1977		
1977 Huang, pl.17, 3; pl.18, 1-2	China (Heilongjiang)	UP
<i>C. tenueaxis</i> Huang 1977		
1977 Huang, pl.11, 8; pl.12, 1-3	China (Heilongjiang)	UP
1980 Huang, pl.257, 1-6	China (Liaoning)	UP
<i>C. yichunensis</i> Huang 1966		
1977 Huang, pl.17, 1-2	China (Heilongjiang)	UP
1980 Huang, pl.260, 1-3	China (Heilongjiang)	UP
1980 Huang, pl.260, 4	China (Liaoning)	UP

***Compsopteris* Zalesky 1934**

<i>C. sp.</i>		
1976 Durante, pl.41, 4; pl.49, 3	Mongolia	UP
1980 Durante, fig.3	China (Xizang)	UP
1980 Tian et Zhang, pl.13, 3(?)	China (Guizhou)	UP
<i>C. adzensis</i> Zalesky 1934		
1977 Huang, pl.33, 1-2 (cf.)	China (Heilongjiang)	UP
<i>C. contracta</i> Gu et Zhi 1974		
1977 Feng et al., pl.245, 6, 7	China (Guangdong)	UP
1977 Huang, pl.19, 3 (cf.); pl.33, 3 (cf.)	China (Heilongjiang)	UP
Remark: in text <i>C. contracus</i>		
1978 Chen et al., pl.152, 2-3	China (Sichuan)	UP
1978 Zhang, pl.159, 1 (cf.), 2-3	China (Guizhou)	UP
1980 Tian et Zhang, pl.14, 4, 4A, 5	China (Guizhou)	UP
<i>C. guangdongensis</i> Feng 1977		
1977 Feng et al., pl.241, 7, 8	China (Guangdong)	UP
<i>C. imparis</i> Gu et Zhi 1974		
1977 Feng et al., pl.241, 6	China (Henan)	UP
1978 Zhang, pl.158, 5	China (Guizhou)	UP
<i>C. punctinervis</i> Mo 1980		
1980 Zhao et al., pl.18, 1-5	China (Guizhou/Yunnan)	UP
<i>C. tchirkovae</i> Zalesky 1934		
1977 Huang, pl.34, 1-3; pl.35, 1-2, 3(?)	China (Heilongjiang)	UP
<i>C. wongii</i> (Halle 1927) Zalesky 1934		
1977 Feng et al., pl.245, 3, 4	China (Henan)	UP
1978 Zhang, pl.158, 2	China (Guizhou)	UP

+ *Conchophyllum* Schenk 1883

Remark: non *Conchophyllum* Blume 1826.

See Farr et al. (1979, p.410)

<i>C. sp.</i>		
1976 Bohlin, figs.31-33, 612 (all cf.)	China (Kansu)	UC-LP
1976 Bohlin, figs.423, 635; pl.19, 8 (all ?)	China (Chinghai)	UC-LP
<i>C. parvifolium</i> Bohlin 1971		
1976 Bohlin, fig.30 (cf.)	China (Kansu)	UC-LP
<i>C. tsaidamense</i> Bohlin 1976		
1976 Bohlin, figs.337, 340-365, 367-370, 583-592, 596, 630-634; pl.19, 7(?), 11; pl.20, 1-6; pl.22, 1-5; pl.28, 3-4, 8(?); pl.29, 6-8; pl.32, 5-6	China (Chinghai)	UC-LP

***Cordaianthus* Grand'Eury 1877**

<i>C. sp.</i>		
1976 Bohlin, figs.265–267, 514 (all ?)	China (Kansu)	UC–LP
1978 Gillespie et al., pl.53, 8	(scheme)	(UC–T)
1980 Keng, figs.2, 20–24	(scheme)	(C–P)
<i>C. baccifer</i> Grand'Eury 1877		
1976 Barthel et al., pl.43, 9, 12	GDR (Karl-Marx-Stadt)	LPRotl
Remark: pl.43, 9 on axis of <i>Cordaites</i> sp.		
<i>C. gemmifer</i> Grand'Eury 1877		
1976 Barthel et al., pl.43, 1	GDR (Karl-Marx-Stadt)	LPRotl
Remark: on axis with leaves of <i>Cordaites</i> <i>principalis-borassifolius</i> type		
<i>C. penjoni</i> Renault 1879		
1980 Keng, fig.5	(scheme)	(C–P)
<i>C. pseudofluitans</i> Kidston 1922		
1976 Harris, fig.1A	(scheme)	(C–P)
1978 Grauvogel-Stamm, fig.44A	(scheme from Schweitzer, 1963)	(C–LP)
1980 Keng, figs.3, 4	(scheme)	(C–P)
<i>C. zeilleri</i> Renault 1879		
1978 Grauvogel-Stamm, fig.44B	(scheme from Schweitzer, 1963)	(C–LP)

***Cordaicarpus* Zeiller 1886–1888**

<i>C. sp.</i>		
1976 Balasundaram et al., pl.22, 14	(scheme)	
1976 Bohlin, pl.27, 21	China (Kansu)	UC–LP
1977 Appert, pl.18, 8, 9; pl.32, 6, 7; pl.35, 6	Madagascar (Sakoa Basin)	LGKArh–Bara?
1977 Bernardes de Oliveira et Da Silva Pontes, figs.13–14; pl.4, 5	Brazil (Santa Catarina)	LPArTi
1980 Andreis et al., pl.2, 7–8(?)	Brazil (Rio Grande do Sul)	LP
1980 Cazzulo-Klepzig et al. (b), pl.1, 5	Brazil (Rio Grande do Sul)	LPSakm
1980 Guerra-Sommer et al., pl.1, 7	Brazil (Rio Grande do Sul)	LPSakm
<i>C. irapuensis</i> Bernardes de Oliveira 1977		
1977 Bernardes de Oliveira et Da Silva Pontes, pl.4, 6–8	Brazil (Santa Catarina)	LPArTi
<i>C. madagascariensis</i> Appert 1977		
1977 Appert, figs.5–10; pl.36, 3–10; pl.37, 1–6; pl.38/40	Madagascar (Sakoa Basin)	LGKArh–Bara?
Remark: attached to <i>Dolianitia madagascariensis</i>		
<i>C. rocha-camposii</i> Bernardes de Oliveira 1977		
1977 Bernardes de Oliveira et Da Silva Pontes, figs.11–12; pl.4, 9–11	Brazil (Santa Catarina)	LPArTi
<i>C. trapezoideus</i> Verbitskaya 1980		
1980 Verbitskaya (d), pl.17, 4–6	USSR (Krasnoyarskiy Kray — Tungusk Basin —)	LP
<i>C. zeilleri</i> Maithy 1965		
1977 Bernardes de Oliveira et Da Silva Pontes, figs.7–10; pl.4, 1–4	Brazil (Santa Catarina)	LPArTi

***Cordaicladus* Grand'Eury 1877**

<i>C. sp.</i>		
1976 Durante, pl.57, 9	Mongolia	UP
1978 Gillespie et al., pl.53, 9	(scheme)	(UC–T)

***Cordaites* Unger 1850**

<i>C. sp.</i>		
1976 Barthel (b), pl.2, 15; pl.3, 1, 2	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., figs.16, 17; pl.43, 1–4, 7; pl.44, 1, 1A–9; pl.45, 1D–11	GDR (Karl-Marx-Stadt)	LPRotl
Remark: descr./ills. include cuticles		
1976 Bohlin, figs.244, 246–250, 255, 257, 261–263, 268, 271, 550(?), 559–562(???), 563(?), 611(?), 728(???); pl.14, 7; pl.15, 1–6; pl.29, 14; pl.32, 16	China (Kansu)	UC–LP
Remark: all plates with "" and ?		

1976 Bohlin, figs.389, 653 (all ?)	China (Chinghai)	UC-LP
1976 Bohlin, fig.693	(from Florin, 1949)	
1976 Durante, pl.68, 4-6; pl.69, 4-7	Mongolia	UP
1976 Escher et Watt, fig.425A	Greenland (East)	C-P
1976 Mundlos et al., fig. p.90	GFR (Rheinland-Pfalz)	LPRotl
1976 Paliwal et al., fig.1	(scheme)	
1976 Teixeira et Pais, fig.36	(rec. from Jongmans, 1949)	(C-T)
1977 Krumbiegel et Walther, pl.6, 10	GDR (Karl-Marx-Stadt)	LPRotl
1977 Zimina, fig.16A L, M-N(?); pl.18, 1-3(?), 4, 5;	USSR (Primorskiy Kray)	LP
1977 Zimina, pl.4, 3-4	USSR (Primorskiy Kray)	UP
1978 Belot, fig. p.74	(scheme)	(D-T)
1978 Gillespie et al., figs.14, 15	(rec.)	(UC-T)
1978 Gillespie et al., pl.54, 2	(scheme)	(UC-T)
1978 Strasburger, fig.788A	(rec. from Grand'Eury)	(C-P)
1979 Asama, fig.12A D	(scheme)	(D-P)
1979 Delevoryas, fig.9	(from Florin, 1951)	(C-P)
1979 Major, fig.211	(scheme)	(D-T)
1979 Yuasa, fig.57A	(scheme from Grand'Eury, 1877)	(C-P)
1979 Yuasa, fig.57B	(scheme from Fly, 1956)	(C-P)
1979 Yuasa, fig.57C, D	(scheme from Florin, 1944)	(C-P)
1980 Andreis et al., pl.1, 5, 8	Brazil (Rio Grande do Sul)	LP
1980 Cazzulo-Klepzig et al. (a), pl.1, 3; pl.2, 7; pl.3, 12	Brazil (Rio Grande do Sul)	LPSakm
1980 Goman'kov et Mejen, fig.1(2)	(scheme)	
1980 Guerra-Sommer et al., pl.1, 2, 3	Brazil (Rio Grande do Sul)	LPSakm
1980 Keng, figs.1, 20-24	(scheme)	(C-P)
1980 X, number "8" in fig.	(rec. from Bertrand, 1943)	
<i>C. adleri</i> (Radchenko 1934) Meien 1966		
1976 Durante, pl.69, 1-3 (cf.)	Mongolia	UP
<i>C. buragoi</i> Zimina 1977		
1977 Zimina, pl.6, 6, 7	USSR (Primorskiy Kray)	UP
<i>C. foliolatus</i> Grand'Eury 1877		
1976 Barthel et al., pl.43, 8	GDR (Karl-Marx-Stadt)	LPRotl
<i>C. gracilentus</i> (Gorelova 1960) Meien 1966		
1976 Durante, pl.67, 1, 2; pl.68, 2-3 (aff.)	Mongolia	UP
1978 Durante et Biterman, pl.23, 1-3 (ex gr.)	USSR (Yakutskaya ASSR — Verkhoyansk —)	UP
<i>C. hislopai</i> (Bunbury 1861) Seward 1907		
1980 Cazzulo-Klepzig et al. (b), pl.2, 5(?)	Brazil (Rio Grande do Sul)	LPSakm
<i>C. kuznetskianus</i> (Gorelova 1962) Meien 1966		
1976 Durante, pl.68, 1	Mongolia	UP
<i>C. laevis</i> Grand'Eury 1877		
1978 Strasburger, fig.788B	(from Grand'Eury)	(C-P)
<i>C. latifolius</i> (Nejburg 1948) Meien 1966		
1976 Durante, pl.66, 4-6	Mongolia	LP
1977 Zimina, pl.10, 7 (aff.)	USSR (Primorskiy Kray)	LP
<i>C. minax</i> (Gorelova 1960) Meien 1966		
1978 Durante et Biterman, pl.23, 4-6 (ex gr.)	USSR (Yakutskaya ASSR — Verkhoyansk —)	UP
<i>C. odontophyllus</i> Glukhova 1978		
1978 Glukhova, pl.11, 4	USSR (Krasnoyarskiy Kray — Tungusk Basin —)	LP
<i>C. primorskiensis</i> Zimina 1976		
1976 Zimina (b), pl.7, 2-7; pl.8, 1-5	USSR (Primorskiy Kray)	L-UP
1977 Zimina, pl.10, 4-6; pl.11, 1-3	USSR (Primorskiy Kray)	LP
<i>C. principalis</i> (Germar 1848) Geinitz 1855		
1977 Feng et al., pl.252, 1, 2	China (Hunan)	UP
1978 Chen et al., pl.155, 3	China (Sichuan)	UP
1980 El-Khayal et al., fig.2A (cf.)	Saudi Arabia ('Unayzah)	UC-LP
1980 Huang, pl.222, 1	China (Liaoning)	UP

***C. spathulata* (Dana 1849) Rigby, Maheshwari et Schopf 1980**Remark: in text *C. spatulata*

1980 Rigby et al., figs.48–50

Australia (New South Wales) P

C. tologoiensis Durante 1976

1976 Durante, pl.67, 3–5; pl.74, 2 (cuti)

Mongolia UP

C. torulosus Glukhova 1980

1980 Glukhova et Men'shikova, pl.13, 5–7

USSR (Kemerovskaya oblast —
Kuzbass —) UP*C. truncatus* Meien 1966

1976 Durante, pl.70, 1–3

Mongolia UP

C. yujiaensis Huang 1980

1980 Huang, fig.45; pl.222, 2

China (Liaoning) LP

Cornucarpus* Arber 1914C. sp.*

1980 Zhao et al., pl.1, 6, 6A

China (Guizhou/Yunnan) UP

C. cerquilhensis Millan 1977

1977 Millan, pl.1, 1–7; pl.2, 1; pl.3, 1

Brazil (São Paulo) LP

C. patagonicus (Feruglio) Correa da Silva et Arrondo 1977

1977 Correa da Silva et Arrondo, pl.1, 6

Brazil (Rio Grande do Sul) LPSakm–Arti

1980 Cazzulo-Klepzig et al. (b), pl.1, 6

Brazil (Rio Grande do Sul) LPSakm

Cornuspermum* Banerjee 1969C. pennatus* Banerjee 1969

1979 Banerjee, pl.50, 11–14

1979 Banerjee, pl.54, 8

India (West Bengal)
(rec.) UPRaniRemark: in situ from *Senotheca murulidihensis****Corynepteris* Bailly 1860***C. sp.*

1976 Bohlin, fig.38; pl.3, 8 (all ?)

China (Kansu) UC–LP

1976 Bohlin, figs.372–373, 375, 605; pl.24, 2; pl.26, 4;

pl.28, 5–7 (mostly ?)

China (Chinghai) UC–LP

C. kansuensis Bohlin 1976

1976 Bohlin, fig.36; pl.3, 1; pl.32, 2 (cf.); 17(?)

China (Kansu) UC–LP

C. parilobata Bohlin 1976

1976 Bohlin, figs.379–383, 717; pl.29, 13 (all ?""")

China (Chinghai) UC–LP

C. plicata Bohlin 1976

1976 Bohlin, figs.371, 603 (cf.); pl.21, 1, 6, 7

China (Chinghai) UC–LP

C. sternbergii (Ettingshausen 1854) Arber 1907

1976 Bohlin, fig.37 (aff.); pl.2, 9 (cf.)

China (Kansu) UC–LP

1976 Bohlin, figs.473–474, 488–492, 658 (all cf.)

China (Chinghai) UC–LP

C. tridentata Bohlin 1971

1976 Bohlin, figs.374, 376–378; pl.22, 6–8 (all ? aff.)

China (Chinghai) UC–LP

Crassinervia* Nejbura 1934C. sp.*

1976 Durante, pl.70, 5–8, 12

Mongolia UP

1977 Zimina, pl.19, 11

USSR (Primorskiy Kray) LP

1980 Goman'kov et Meien, fig.1(4)

1980 Huang, pl.231, 5

(scheme)
China (Jilin) UP*C. grammii* Zimina 1977

1977 Zimina, fig.21; pl.17, 8

USSR (Primorskiy Kray) LP

1978 Zimina, pl.1, 6

USSR (Primorskiy Kray) LP

C. mishanensis Huang 1980

1980 Huang, pl.248, 18–20

China (Heilongjiang) UC–LP

C. neuburgiana Zimina 1973

1977 Zimina, fig.22; pl.10, 8; pl.17, 9–13 (all ?)

USSR (Primorskiy Kray) LP

1978 Zimina, pl.1, 8(?)

USSR (Primorskiy Kray) LP

Remark: in text *Zamiopteris* (*Crassinervia*?) *neuburgiana*

<i>C. oblongifolia</i> Radchenko 1966 1976 Durante, pl.70, 4	Mongolia	LP
<i>C. ovifolia</i> Nejburg 1965 1976 Durante, pl.70, 9-11	Mongolia	UP
<i>C. pentagonata</i> Gorelova 1960 1977 Zimina, pl.17, 1-3 (aff.)	USSR (Primorskiy Kray)	UP
1978 Zimina, pl.1, 7 (aff.)	USSR (Primorskiy Kray)	LP
<i>C. strelokensis</i> Zimina 1977 1977 Zimina, fig.23; pl.18, 6-10 (all ?)	USSR (Primorskiy Kray)	LP
1978 Zimina, pl.1, 9-13	USSR (Primorskiy Kray)	LP
Remark: in text <i>C.(?) strelokensis</i>		
<i>C. tungusana</i> Shvedov 1940 1977 Zimina, pl.17, 4-7	USSR (Primorskiy Kray)	LP
Remark: in IFPM. Permian 1971-1975 <i>C. tunguskana</i>		
<i>Crossothea</i> Zeiller 1883		
<i>C. sp.</i> 1976 Bohlin, figs.166, 177; pl.12, 1-2	China (Kansu)	UC-LP
1977 Schweitzer, fig.14	(rec.)	(C-P)
1978 Gillespie et al., pl.35, 8A	(scheme)	(UC-LP?)
1978 Schweitzer, fig.3	(scheme)	(C-P)
1978 Strasburger, fig.801A, B	(scheme)	(C-P)
<i>C. crepinii</i> Zeiller 1883 1978 Gillespie et al., pl.35, 8	USA (West Virginia)	UC-LP?
<i>C. sagittata</i> (Lesquereux 1870) Carpentier 1907 1978 Gillespie et al., pl.35, 10	USA (West Virginia)	UC-LP?
<i>Crucialamites</i> Gothan 1959		
<i>C. sp.</i> 1978 Gillespie et al., fig.10H	(scheme)	(C-P)
<i>Culmitzschia</i> Ullrich 1964		
<i>C. sp.</i> 1978 Remy et Remy (c), pl.7, 13-15(?)	Italy (Brescia)	LPSaxo
<i>C. florinii</i> Ullrich 1964 1977 Schaumberg, fig.13	GFR (Hessen)	UPKupf
<i>Cupressites</i> Brongniart 1828		
<i>C. hulmannii</i> Brongniart 1828 1885 Quenstedt, pl.98, 9, 10	GFR (Hessen)	P
<i>Cycadospadix</i> Schimper 1870		
<i>C. yochelsonii</i> Mamay 1976 1976 Mamay, pl.2, 3	USA (Texas)	LP
<i>Cyclodendron</i> Kräusel 1928		
<i>C. brasiliensis</i> Lejal-Nicol et Bernardes de Oliveira 1979 1979 Lejal-Nicol et Bernardes de Oliveira, fig.5; pl.1; pl.2; pl.3, 10 (cf.), 11-13, 14 (cf.), 15	Brazil (Santa Catarina)	LP
<i>C. lesliei</i> (Seward 1903) Kräusel 1928 1980 Retallack, figs.21, 5E, F	Australia (New South Wales)	L-UP
<i>Cyclopteris</i> Brongniart 1828		
<i>C. sp.</i> 1976 Barthel (b), pl.2, 10 1976 Barthel et al., pl.33, 4-6; pl.34, 10, 11 (cuti); pl.39, 12	GDR (Karl-Marx-Stadt) GDR (Karl-Marx-Stadt)	LPRotl LPRotl
Remark: all of <i>Neuropteris cordata</i>		

1979 Doubinger et Alvarez-Ramis, pl.2, 3 <i>C. rarinervia</i> Goeppert 1864–1865 1976 Barthel et al., pl.30, 8	France (Vosges) GDR (Dresden)	LPAutu LPRotl
<i>Dactylothea</i> Zeiller 1883		
<i>D. elaverica</i> (Zeiller 1888) Barthel 1975 1976 Barthel (b), pl.1, 3; pl.2, 8 1976 Barthel et al., pl.10, 1–4B, 5 (spore), 6–8B; pl.11, 1–4, 5–8 (spore)	GDR (Karl-Marx-Stadt) GDR (Karl-Marx-Stadt)	LPRotl LPRotl
<i>Dadoxylon</i> Endlicher 1847		
<i>D. sp.</i> 1976 Balasundaram et al., pl.22, 13 1976 Barthel et al., fig.19E; pl.47, 1, 2; pl.48, 1–3 1977 Krumbiegel et Walther, pl.18, 31 1977 Marguerier, pl.1, 1, 5; pl.2, 4 1978 Broutin, pl.1, 1–6 1980 Marguerier et Pacaud, pl.3, 1, 2 <i>D. arberi</i> Seward 1919 1976 Erasmus, pl.1, 1–8 <i>D. malaimbandense</i> Marguerier 1976 1976 Marguerier, figs.1–4; pl.1–5 <i>D. rollei</i> (Unger 1858) Frentzen 1931 1980 Marguerier et Pacaud, pl.1; pl.2, 1, 2	(scheme) GDR (Karl-Marx-Stadt) GDR (Karl-Marx-Stadt) France (Saône-et-Loire) Spain (Sevilla) France (Saône-et-Loire) South Africa (Natal) Madagascar (Sakamena) France (Saône-et-Loire)	LPRotl LPRotl LP P LPAutu UK UP–LT LPAutu
<i>Damudosorus</i> Pant et Misra 1977		
<i>D. searsolensis</i> Pant et Misra 1977 1977 Pant et Misra, fig.1; pl.1, 1–9; pl.2, 1–7 Remark: descr./ills. include cuticles and spores	India (West Bengal)	UPRani
<i>Damudoxylon</i> Maheshwari 1967		
Remark: in text <i>Damudoxylon</i> (Maheshwari) Maheshwari 1972 See Farr et al. (1979, p.492)		
<i>D. iratiensis</i> Guerra-Sommer 1977 1977 Guerra-Sommer, pls.1–3	Brazil (Rio Grande do Sul)	M–UP
<i>Danaeites</i> Göppert 1836		
<i>D. sp.</i> 1980 Tian et Zhang, pl.9, 5(?); pl.10, 2, 5, 7 <i>D. emersonii</i> Lesquereux 1880 1978 Gillespie et al., pl.33, 1–7 <i>D. guangdongensis</i> Feng 1977 1977 Feng et al., pl.242, 9 <i>D. guangxingense</i> Huang 1980 1980 Huang, pl.231, 3–4A <i>D. mirabilis</i> Gu et Zhi 1974 1978 Zhang, pl.156, 3 1980 Tian et Zhang, pl.11, 1–3, 5 <i>D. qujiangensis</i> Feng 1977 1977 Feng et al., pl.242, 6 <i>D. rigida</i> (Yabe et Oishi 1938) Gu et Zhi 1974 1977 Feng et al., pl.243, 2 1978 Chen et al., pl.152, 6–7; pl.154, 4 1978 Zhang, pl.156, 7 <i>D. saraepontanus</i> Stur 1883 1978 Zhang, pl.156, 5	China (Guizhou) USA (West Virginia) China (Guangdong) China (Liaoning) China (Guizhou) China (Guizhou) China (Guangdong) China (Guangdong) China (Sichuan) China (Guizhou) China (Guizhou)	UP UC–LP? UP LP UP UP UP UP UP UP

Denkania* Surange et Chandra 1973D. indica* Surange et Chandra 1973

1977 Chandra et Surange (c), fig.2D; pl.1, 4

1977 Pant, fig.10D

1978 Surange et Chandra, pl.3, 6

1980 Daber (a), fig.1B

India (–) P
 (rec. from Surange et Chandra, 1975)
 India (Orissa) UPRani
 (scheme)

Dicalamophyllum* Sterzel 1880D. altendorfense* Sterzel 1880

1976 Barthel et al., pl.28, 11

D. validum Florin 1939

1976 Barthel et al., pl.28, 10; pl.29, 9

GDR (Karl-Marx-Stadt) LPRotl

GDR (Karl-Marx-Stadt) LPRotl

Dichotomopteris* Maithy 1974D. sp.*

1976 Lele (b), fig.7B

D. ovata Maithy 1977

1977 Maithy (b), fig.3; pl.2, 7

D. qubensis Hsü 1976

1976 Hsü, fig.3; pl.3, 13–14

(scheme)
 India (Bihar) LGRani?
 China (Xizang) UP

***Dicksoniites* Sterzel 1881**Remark: commonly spelled *Dicksonites*.

See Farr et al. (1979, p.525)

D. pluckenetii (Sternberg 1825) Sterzel 1881

1976 Barthel et al., pl.39, 5–7, 8, 8A

1980 Barthel (c), pl.8, 3, 4

GDR (Karl-Marx-Stadt) LPRotl
 GDR (Gera) LPRotl

Dicranophyllum* Grand'Eury 1877D. sp.*

1976 Teixeira et Pais, fig.36

1977 Barthel, fig.2, pl.12–14A

D. gallicum Grand'Eury 1877

1976 Barthel et al., pl.42, 1, 2

1976 Bohlin, fig.661

1977 Barthel, fig.1

1977 Barthel, pls.2, 3, 8, 9

1977 Barthel, pls.4–7

1977 Barthel, pl.10

1977 Barthel, pl.11

1977 Barthel, pl.15

1977 Barthel, pls.16–18

1977 Remy et Remy, fig.47A–C

D. hallei Remy et Remy 1959

1977 Remy et Remy, fig.48

D. striatum Grand'Eury 1877

1977 Barthel, pls.19, 20

(rec. from Jongmans, 1949) (C–P)
 GDR (Karl-Marx-Stadt) LPRotl
 GDR (Dresden) LPRotl
 (from Renault et Zeiller, 1888)
 (rec.)
 GDR (Gera) LPAutu
 GDR (Suhl) LPRotl
 GDR (Karl-Marx-Stadt) LPRotl
 GDR (Dresden) LPRotl
 France (Loire) UCStep–LPAutu
 France (Saône-et-Loire) UCStep–LPAutu
 GDR (Suhl) LPAutu
 GDR (Suhl) LPAutu
 France (Allier) UCStep–LPAutu

Dictyopteridium* Feistmantel 1881D. sp.*

1976 Balasundaram et al., pl.22, 11

1976 Benecke, fig.2

D. feistmantelii Chandra et Surange 1976

1976 Chandra et Surange, figs.1–3, 5, 6; pls.1–8

1976 Chandra et Surange, fig.7

Remark: descr./ills. include cuticles.

Organic connection with *Glossopteris tenuinervis*

(scheme)
 (scheme)
 India (West Bengal) UPRani
 (rec.)

1977 Chandra et Surange (c), fig.2F	(scheme)	
1977 Chandra et Surange (e); fig.14A	(rec.)	
Remark: organic connection with <i>Glossopteris tenuinervis</i>		
1978 Surange et Chandra, pl.1, 1		
1979 Surange et Chandra, pl.14, 6; pl.22, 13	India (West Bengal)	LGRani
Remark: organic connection with <i>Glossopteris tenuinervis</i>		
<i>D. flabellatum</i> Benecke 1976		
1976 Benecke, fig.2	(rec.)	
1976 Benecke, figs.3, 7–24, 88	South Africa (Natal)	UP
<i>D. sporiferum</i> Feistmantel 1881		
1976 Benecke, figs.1, 4–6	South Africa (Natal)	UP
Remark: fig.4 possible association with <i>Glossopteris</i> . Figs.5, 6 organic connection with seeds		
1976 Schopf, fig.9B	India (Orissa)	P
1977 Pant, fig.10A	(rec. from Surange et Chandra, 1975)	
1978 White, figs.55–57	Australia (New South Wales)	(U)P
Remark: organic connection with seeds		
1979 Banerjee, pl.51, 20–22	India (West Bengal)	UPRani
Remark: organic connection with <i>Glossopteris browniana</i>		
<i>Diphylopteris</i> Srivastava 1978		
<i>D. verticillata</i> Srivastava 1978		
1978 Srivastava, fig.1; pl.1, 1–3	India (Bihar)	LPBara
<i>Diplocalamites</i> Gothan 1959		
<i>D. sp.</i>		
1978 Gillespie et al., fig.10G	(scheme)	
<i>Discinites</i> Feistmantel 1879		
<i>D. orientalis</i> Gu et Zhi 1974		
1980 Zhao et al., pl.1, 5–5A (cf.)	China (Guizhou/Yunnan)	UP
<i>Distichotheca</i> Gu et Zhi 1974		
<i>D. crossothecoides</i> Gu et Zhi 1974		
1980 Zhao et al., pl.22, 6–8A	China (Guizhou/Yunnan)	UP
<i>Dizeugotheca</i> Archangelsky et De la Sota 1961		
<i>D. sp.</i>		
1976 Lele (b), fig.7C	(scheme)	
1977 De la Peña et al., pl.1, 6	Spain (Soria)	LPAutu
1978 Rösler, pl.1, 2–6(?)	Brazil (Paraná)	UP
<i>D. bortoluzzii</i> Cazzulo-Klepzig 1978		
1978 Cazzulo-Klepzig, fig.5A–D; pl.1, 5, 6; pl.2, 3, 4	Brazil (Santa Catarina)	UPKaza–Tata
Remark: in text fig.5; pl.5, 1–2; pl.6, 1–2		
<i>D. qubuensis</i> Hsü 1976		
1976 Hsü, fig.2; pl.2, 8–12	China (Xizang)	UP
1978 Hsü, pl.2, 3–6	China (Xizang)	UP
<i>Dolerotheca</i> Halle 1933		
+ <i>D. pennsylvanicum</i> (Dawson 1890) White		
1978 Gillespie et al., pl.37, 1, 2, 5, 11	USA (West Virginia)	UC–LP?
<i>Dolianitia</i> Millan 1967		
<i>D. crassa</i> Millan 1967		
1977 Pant, fig.6H, I	(from Millan, 1957)	

***D. madagascariensis* Appert 1977**

1977 Appert, figs.5- 10; pl.36, 1, 2; pl.37, 7-9; pl.38-40

Remark: with seeds *Cordaicarpus madagascariensis*
in organic connection

Madagascar (Sakoa Basin)

LGKarh-Bara?

Dorycordaites* Zeiller 1888D. sp.*

1977 Krumbiegel et Walther, fig.2.100.3

(rec. from Grand'Eury)

Dunedoonia* Holmes 1977D. reticulata* Holmes 1977

1977 Holmes, fig.1; pl.1

Australia (New South Wales)

U?P

Dzungariella* Sal'menova 1979D. fucoides* Sal'menova 1979

1979 Sal'menova, pl.13, 1-3

USSR (Kazakhstan ---
Dzhungariya --)

UP

D. kizilkainarica Sal'menova 1979

1979 Sal'menova, pl.13, 4

USSR (Kazakhstan ---
Dzhungariya --)

UP

+ *Eichwaldia* Zalesky 1927Remark: non *Eichwaldia* Ledebour 1833.

See Farr et al. (1979:599)

E. sp.

1976 Durante, pl.24, 3-6

Mongolia

UP

Elatra* Appert 1977E. bella* Appert 1977

1977 Appert, pl.32, 1-4

Madagascar (Sakoa Basin)

LGKarh-Bara?

Emplectopteridium* Kawasaki 1934E. alatum* Kawasaki 1934

1976 Asama, fig.1(5)

1976 Asama, pl.29, 2

1977 Feng et al., pl.245, 5

1979 Asama, fig.3(5)

1980 Asama, fig.5

(scheme)

South Korea (Seizen)

UP

China (Henan)

LP

(scheme)

(C?-P)

(scheme)

Emplectopteris* Halle 1927E. sp.*

1976 Bohlin, fig.B (p.44)

(scheme)

(UC LP)

1979 Asama, fig.5 (1-4)

(scheme)

1979 Yuasa, fig.3.7

(scheme from Halle, 1931)

(C-P)

E. neimongolensis Huang 1976

1976 Huang, pl.209, 1, 2

China (Inner Mongolia)

LP

E. sinensis Huang 1976

1976 Huang, pl.220, 1-5

China (Inner Mongolia)

LP

E. triangularis Halle 1927

1976 Asama, fig.1(1)

(scheme)

1976 Asama, pl.28, 1, 1A

China (Shanxi)

LP

1976 Asama, pl.28, 1B

China (-)

UP

1976 Huang, pl.221, 3

China (Inner Mongolia)

LP

1977 Feng et al., pl.244, 1, 2

China (Henan)

LP

1977 Remy et Remy, fig.35I

China (Shanxi)

LP

1977 Schweitzer, fig.19E

(rec.)

(C-P)

1979 Asama, fig.2D

China (Shanxi)

LP

1979 Asama, figs.3(1), 4D	(scheme)	
1979 Asama, fig.17E	China (Shanxi)	P
1980 Asama, fig.5A	(scheme)	
<i>Equisetites</i> Sternberg 1833		
<i>E. sp.</i>		
1976 Bohlin, fig.9(?)	China (Kansu)	UC-LP
<i>E. elongatus</i> Fontaine et White 1880		
1977 De la Peña et al., pl.1, 7	Spain (Soria)	LPAutu
<i>Equisetum</i> Linnaeus 1753		
<i>E. sp.</i>		
1976 Durante, pl.18, 5	Mongolia	UP
1976 Gordon-Gray et al., pls.1-4(?)	South Africa (Natal)	P
<i>Eremopteris</i> Schimper 1869		
<i>E. crenulata</i> Lesquereux 1876		
1978 Gillespie et al., pl.52, 4	USA (West Virginia)	UC-LP?
<i>E. missouriensis</i> Lesquereux 1880		
1978 Gillespie et al., pl.51, 4	USA (West Virginia)	UC-LP?
<i>Eretmonia</i> Du Toit 1932		
<i>E. sp.</i>		
1976 Schopf, fig.10; pl.1, 5	Antarctica (Ohio Range)	P
1976 Schopf, pl.4, 1-6	South Africa (Natal)	P
1977 Chandra et Surange (d), figs.1E-I, 2, (cuti), 4 (cuti); pl.1, 1-2 (cuti); pl.2, 11-12 (cuti)	India (West Bengal) (rec. from Surange et Chandra, 1975)	LGRani
1977 Pant, fig.8C	Australia (New South Wales)	UP
1978 White, figs.7 (type), 50, 51	(rec.)	
1978 White, fig.54	(scheme)	
Remark: organic connection with sporangial cluster		
1980 Daber (a), fig.1E		
<i>E. cooyalensis</i> Holmes 1974	(scheme from Holmes, 1974)	
1976 Gould, fig.4C	Australia (New South Wales)	UP
1976 Schopf, fig.9C	Australia (New South Wales)	L-UP
1980 Retallack, fig.21.5K		
<i>E. emarginata</i> (Surange 1957) Chandra et Surange 1977		
1977 Chandra et Surange (c), fig.1G, H; pl.1, 2	India (West Bengal)	LGRani
1978 Surange et Chandra, pl.1, 4	(rec.)	
<i>E. hinjridaensis</i> Surange et Maheshwari 1970	(scheme)	
1977 Chandra et Surange (c), fig.1F	India (Orissa)	UPRani
1978 Surange et Chandra, pl.1, 3	(rec.)	
<i>E. karanpurensis</i> Surange et Maheshwari 1970		
1978 Surange et Chandra, pl.2, 2		
<i>E. natalensis</i> Du Toit 1932		
1978 White, figs.45-49	Australia (New South Wales)	UP
1978 White, fig.54	(rec.)	
Remark: organic connection with sporangial cluster(s)		
1979 Van Dijk et al., pl.46, 23-25	South Africa (Natal)	UP
+ <i>E. ovoides</i> Surange et Chandra 1974		
Remark: in IFPM. Permian 1971-1975 p.20: <i>E. ovata</i>		
1977 Chandra et Surange (c), fig.1D; pl.1, 6	India (-)	P
1978 Surange et Chandra, pl.3, 2	India (Orissa)	UPRani
<i>E. utkalensis</i> Surange et Maheshwari 1970		
1976 Schopf, fig.9D	India (Orissa)	P
1977 Chandra et Surange (c), fig.1E	(scheme)	
1978 Surange et Chandra, pl.3, 3	India (Orissa)	UPRani

Ernestiodendron* Florin 1934E. sp.*

1976 Grzimek, fig.8.25B

(scheme)

1979 Asama, fig.12G

(scheme from Florin, 1944)

E. filiciformia (Schlotheim ex Sternberg 1825) Florin 1934Remark: commonly spelled *E. filiciforme*

1976 Barthel et al., pl.41, 1

GDR (Karl-Marx-Stadt)

LPRotl

1977 Krumbiegel et Walther, fig.2.101.2

GDR (Karl-Marx-Stadt)

LPRotl

1977 Tenchov (b), pl.3, 6

Bulgaria (Northwest)

LP

Remark: in text *E. filiciformis*

1978 Doubinger et al., pl.1, 2; pl.2, 6

Spain (Gerona)

LPAutu

1978 Grauvogel-Stamm, fig.44D

(scheme from Schweitzer, 1963)

(UC-P)

1978 Miller, fig.1C

(rec. from Florin, 1951)

Etapteris* Bertrand 1907E. lacattei* (Renault 1869) Bertrand 1907

1978 Galtier, pl.1, 1

France (Saône-et-Loire)

LPAutu

Eucordaites* Grand'Eury 1890E. sp.*

1977 Krumbiegel et Walther, fig.2.100.2

(rec. from Grand'Eury)

***Europhyllites* Glukhova 1978**Remark: type specimen is *Cordaites crassus*

(Renault 1879 as figured by Harms et Leisman (1963)

from the Pennsylvanian of USA (Iowa).

Euryphyllum* Feistmantel 1879E. sp.*

1976 Lele (b), fig.2

(scheme)

E. whittianum Feistmantel 1879

1977 Srivastava (a), fig.7; pl.1, 4

India (Bihar)

LGKarb

1979 Leguizamon, pl.1, 1-5

Argentina (San Luis)

LP

Eusphenopteris* (Schimper 1879) Kidston 1882E. obtusiloba* (Brongniart 1829) Novik 1952

1978 Gillespie et al., pl.52, 7

(scheme)

(UC-LP?)

E. striata (Gothan 1913) Novik 1952

1978 Gillespie et al., pl.52, 1

USA (West Virginia)

UC-LP?

Fascipteridium* Zhang et Mo 1979F. ellipticum* Zhang et Mo 1979

1979 Zhang et Mo, pl.3, 1-5

China (Henan)

UP

Fascipteris* Gu et Zhi 1974F. densata* Gu et Zhi 1974

1976 Huang, pl.222, 4

China (Inner Mongolia)

UP

1978 Zhang, pl.156, 1

China (Guizhou)

UP

1980 Zhao et al., pl.12, 7, 8

China (Guizhou/Yunnan)

UP

F. hallei (Kawasaki 1931) Gu et Zhi 1974

1976 Huang, pl.222, 1-3

China (Inner Mongolia)

UP

1977 Feng et al., pl.242, 3

China (Guangdong)

UP

1980 Huang, pl.238, 5, 5A

China (Liaoning)

UP

1980 Zhao et al., pl.12, 9

China (Guizhou/Yunnan)

UP

<i>F. kaishantunensis</i> Huang 1980		
1980 Huang, fig.27; pl.234, 1–5	China (Jilin)	UP
<i>F. robusta</i> (Kawasaki 1934) Huang 1980		
1980 Huang, pl.234, 6–7	China (Jilin)	UP
<i>F. sinensis</i> (Stockmans et Mathieu 1939) Gu et Zhi 1974		
1980 Huang, pl.235, 1–4	China (Liaoning)	UP
<i>F. stena</i> Gu et Zhi 1974		
1977 Feng et al., pl.242, 7, 8	China (Guangdong)	UP
1978 Zhang, pl.156, 4	China (Guizhou)	UP
1980 Tian et Zhang, fig.19; pl.10, 3, 3A, 6, 8, 8A; pl.11, 7	China (Guizhou)	UP
1980 Zhao et al., pl.12, 10, 10A	China (Guizhou/Yunnan)	UP
<i>Fertiliger</i> Schopf 1976		
<i>F. sp.</i>		
Remark: not proposed by Schopf (1976) as genus name		
1980 Cazzulo-Klepzig et al. (a), pl.3, 16	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (b), pl.2, 7	Brazil (Rio Grande do Sul)	LPSakm
1980 Millan et Dolianiti (a), fig.1; pl.1, 1–3 (all“”)	Brazil (São Paulo)	LP
<i>Fetura</i> Benecke 1976		
<i>F. natalensis</i> (Lacey, Van Dijk et Gordon-Gray 1975) Benecke 1976		
1976 Benecke, fig.3	(rec.)	
1976 Benecke, figs.25–41	South Africa (Natal)	UP
Remark: fig.34 association with <i>Glossopteris</i>		
<i>Filicites</i> Schlotheim ex Brongniart 1822		
<i>F. aquilinus</i> Schlotheim 1804		
1885 Quenstedt, pl.91, 16	GDR (Gera)	LP
<i>Gamophyllites</i> Radchenko 1962		
<i>G. sp.</i>		
1977 De la Peña et al., pl.1, 8	Spain (Soria)	LPAutu
<i>Gangamopteris</i> McCoy 1875		
<i>G. sp.</i>		
1976 Anderson et McLachlan, pl.1, 5	South Africa (Cape Province)	K
1976 Balasundaram et al., pl.22, 7	(scheme)	
1976 Lele (b), figs.1, 2	(scheme)	
1976 Lele (b), fig.3	(rec. from Plumstead, 1966)	
1977 Appert, pl.4, 10(?); pl.9, 4–5 (cf.)	Madagascar (Sakoa Basin)	LGKArh–Bara?
1977 Zimina, pl.4, 6	USSR (Primorskiy Kray)	UP
1980 Bohlin, pl.1, 5, 7–13, 16, 18, 19, 21	(scheme)	
1980 Bohlin, pl.2, 1–20	Australia (–)	P
1980 Cazzulo-Klepzig et al. (a), pl.2, 3; pl.3, 8, 11	Brazil (Rio Grande do Sul)	LPSakm
1980 Guerra-Sommer et al., pl.1, 5	Brazil (Rio Grande do Sul)	LPSakm
<i>G. angustifolia</i> (McCoy 1847) McCoy 1875		
1977 Correa da Silva et Arrondo, pl.1, 4	Brazil (Rio Grande do Sul)	LPSakm–Arti
1977 Maithy (c), pl.1, 3	India (Bihar)	LGKArh
1978 Correa da Silva, pl.5, 6	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (a), pl.1, 8; pl.3, 14	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (b), pl.2, 1, 10	Brazil (Rio Grande do Sul)	LPSakm
<i>G. buriadica</i> Feistmantel 1879		
1977 Correa da Silva et Arrondo, pl.1, 5	Brazil (Rio Grande do Sul)	LPSakm–Arti
1978 Correa da Silva, pl.5, 3	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (a), pl.1, 1, 2, 4, 5, 7	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (b), pl.2, 11	Brazil (Rio Grande do Sul)	LPSakm

<i>G. clarkeana</i> Feistmantel 1878		
1977 Srivastava (a), fig.3; pl.2, 9	India (Bihar)	LGKarh
<i>G. cyclopteroides</i> Feistmantel 1876		
1976 Gould, fig.3H, I	(scheme)	
1977 Appert, pl.1, 3-5; pls.2-3; pl.4, 1, 2, 3-9(?)	Madagascar (Sakoa Basin)	LGTalc-Karh?
1977 Srivastava (a), fig.2; pl.1, 1,2	India (Bihar)	LGKarh
1977 Zimina, pl.3, 1-4; pl.4, 1-2 (all aff.)	USSR (Primorskiy Kray)	UP
1980 Retallack, fig.21.3I	Australia (New South Wales)	L-UP
<i>G. cyclopteroides</i> Feistmantel 1876		
var. <i>attenuata</i> Feistmantel 1879		
1977 Kovács-Endrödy, pl.4, 1, 2	(from Feistmantel, 1879)	
<i>G. major</i> Feistmantel 1879		
1980 Retallack, fig.21.3J	Australia (New South Wales)	L-UP
<i>G. ob lanceolata</i> Maithy 1970		
1977 Appert, pl.5, 1-2 (cf.)	Madagascar (Sakoa Basin)	LGTalc-Karh?
<i>G. obovata</i> (Carruthers 1869) White 1908		
1977 Correa da Silva et Arrondo, pl.1, 3	Brazil (Rio Grande do Sul)	LPSakm-Arti
1980 Cazzulo-Klepzig et al. (a), pl.1, 6; pl.3, 9	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (b), pl.1, 2, 14	Brazil (Rio Grande do Sul)	LPSakm
<i>G. pacifica</i> Zimina 1967		
1977 Zimina, fig.11; pl.2, 6	USSR (Primorskiy Kray)	UP
<i>G. spathulata</i> McCoy 1875		
1980 Retallack, fig.21.3H	Australia (New South Wales)	L-UP
<i>G. ussuriensis</i> Zimina 1967		
1977 Zimina, fig.12; pl.2, 7	USSR (Primorskiy Kray)	UP
<i>Gansucladus</i> Bohlin 1976		
<i>G. parvifolia</i> Bohlin 1976		
1976 Bohlin, figs.251-254; pl.14, 3, 4; pl.16, 2-7; pl.27, 4-8	China (Kansu)	UC-LP
<i>Gaussia</i> Nejburg 1934		
Remark: non <i>Gaussia</i> Wendland 1865.		
See Farr et al. (1979, p.704)		
<i>G. scutellata</i> Nejburg 1934		
1977 Zimina, pl.22, 4	USSR (Primorskiy Kray)	LP
<i>Gigantonoclea</i> Koidzumi 1936		
<i>G. sp.</i>		
1977 Feng et al., fig.107, 3	(scheme)	
1977 Feng et al., pl.247, 6(?)	China (Guangxi)	UP
1977 Feng et al., pl.248, 3-4	China (Hunan)	UP
<i>G. acuminatiloba</i> (Shimakura 1940) Gu et Zhi 1974		
1977 Feng et al., pl.247, 1, 2	China (Guangdong)	UP
<i>G. dictyophylloides</i> Gu et Zhi 1974		
1978 Zhang, pl.160, 3	China (Guizhou)	UP
<i>G. guizhouensis</i> Gu et Zhi 1974		
1978 Chen et al., pl.152, 8	China (Sichuan)	UP
1978 Zhang, pl.160, 1 (cf.), 2	China (Guizhou)	UP
1980 Tian et Zhang, fig.20; pl.11, 4; pl.13, 2	China (Guizhou)	UP
1980 Zhao et al., pl.16, 5-6	China (Guizhou/Yunnan)	UP
<i>G. hallei</i> (Asama 1959) Gu et Zhi 1974		
1978 Zhang, pl.160, 4	China (Guizhou)	UP
1980 Zhao et al., pl.15, 5; pl.20, 4	China (Guizhou/Yunnan)	UP
<i>G. lagreltii</i> (Halle 1927) Koidzumi 1936		
1976 Asama, fig.1(2)	(scheme)	
1976 Asama, pl.28, 2, 2A	China (Shanxi)	LP
1977 De la Peña et al., pl.2, 1, 2	Spain (Soria)	LPAutu
1977 Feng et al., figs.107, 2; 108	(scheme)	

1977 Feng et al., pl.247, 3	China (Henan)	UP
1978 Zhang, pl.159, 4	China (Guizhou)	UP
1979 Asama, fig.2C	China (Shanxi)	UP
1979 Asama, figs.3(2), 4C	(scheme)	
1980 Asama, fig.5	(scheme)	
1980 Zhang, pl.1, 1, 2	China (–)	P
1980 Zhao et al., pl.17, 7	China (Guizhou/Yunnan)	UP
<i>G. longifolia</i> (Kodaira 1930) Gu et Zhi 1974		
1978 Zhang, pl.160, 5(?)	China (Guizhou)	UP
<i>G. microphylla</i> Huang 1980		
1980 Huang, pl.239, 1–7	China (Liaoning)	UP
<i>G. minor</i> Feng 1977		
1977 Feng et al., pl.246, 4	China (Guangdong)	UP
<i>G. plumosa</i> Mo 1980		
1980 Zhao et al., pl.16, 1–3	China (Guizhou/Yunnan)	UP
<i>G. rosulata</i> Gu et Zhi 1974		
1977 Feng et al., pl.247, 4, 5	China (Henan)	UP
1980 Tian et Zhang, pl.12, 2, 4; pl.13, 1	China (Guizhou)	UP
<i>G. tieyingensis</i> Huang 1980		
1980 Huang, fig.38; pl.238, 1–4	China (Liaoning)	UP
<i>G. unita</i> Huang 1980		
1980 Huang, fig.39; pl.236, 1–5	China (Liaoning)	UP
+ <i>G. yabei</i> (Kawasaki)		
1977 Feng et al., pl.248, 1–2(?)	China (Hunan)	UP
<i>G. yujiaensis</i> Huang 1980		
1980 Huang, fig.37; pl.237, 1–3	China (Liaoning)	LP
<i>Gigantopteridium</i> Koidzumi 1934		
<i>G. americanum</i> (White 1912) Koidzumi 1934		
1976 Asama, pl.30, 1	USA (Texas)	LP
<i>Gigantopteris</i> Schenk 1883		
<i>G. sp.</i>		
1976 Asama, pl.30, 2, 3	USA (Texas)	P
1976 Lele (a), fig.4	(scheme)	
1977 Feng et al., pl.107, 4, 5	(scheme)	
1979 Yuasa, fig.3.8	(scheme from Asama, 1959)	(C–P)
<i>G. cordata</i> Yabe et Oishi 1938		
1980 Tian et Zhang, pl.15, 2	China (Guizhou)	UP
<i>G. dictyophylloides</i> Gu et Zhi 1974		
1977 Feng et al., pl.246, 3	China (Guangdong)	UP
1978 Chen et al., pl.153, 1–2	China (Sichuan)	UP
1980 Tian et Zhang, fig.21; pl.16, 1, 1A, 2, 2A	China (Guizhou)	UP
1980 Zhao et al., pl.16, 4	China (Guizhou/Yunnan)	UP
<i>G. meganetes</i> Tian 1980		
1980 Tian et Zhang, fig.21; pl.17, 1, 3; pl.18, 2, 2A	China (Guizhou)	UP
<i>G. nicotianaefolia</i> Schenk 1883		
1976 Asama, fig.1(7)	(scheme)	
1976 Asama, pl.29, 4, 4A	North Korea (Tokusen)	LP
1977 Feng et al., pl.246, 1; pl.253, 4	China (Hunan)	UP
1978 Chen et al., pl.153, 3	China (Sichuan)	UP
1979 Asama, fig.3(7)	(scheme)	
1980 Asama, fig.5	(scheme)	
1980 Tian et Zhang, pl.15, 1, 1A, 1B	China (Guizhou)	UP
<i>G. paradoxa</i> Mo 1980		
1980 Zhao et al., pl.15, 1–4	China (Guizhou/Yunnan)	UP
<i>Gigantospermum</i> Jongmans et Gothan 1935		
<i>G. sp.</i>		
1980 Tian et Zhang, figs.25, 26; pl. 4, 6, 8; pl.5, 6, 10; pl.19, 5, 6; pl.21, 4, 5; pl.22, 1, 10, 13	China (Guizhou)	UP

Ginkgo* Linnaeus 1771G. sp.*

1979 Lichter, figs.3(7), 4

(rec.)

Ginkgoites* Seward 1919G. sp.*

1976 Durante, pl.51, 2, 3; pl.52, 4

Mongolia

UP

1977 Broutin, fig.1; pl.2, 3

Spain (Sevilla)

UCStep?–LPAutu?

G. xinhuaensis Feng 1977

1977 Feng et al., pl.2449, 5

China (Henan)

UP

Ginkgophyllum* Saporta 1875G. sp.*

1977 Broutin, pl.2, 1; pl.3, C

Spain (Sevilla)

UCStep?–LPAutu?

1980 Huang, pl.257, 7

China (Heilongjiang)

UP

G. criciuensis (Rigby 1969)

Archangelsky et Arrondo 1974

1977 Correa da Silva et Arrondo pl.2, 1, 2

Brazil (Rio Grande do Sul)

LPSakm–Arti

1978 Correa da Silva, pl.5, 5

Brazil (Rio Grande do Sul)

LPSakm

1980 Cazzulo-Klepzig et al. (a), pl.3, 6, 10

Brazil (Rio Grande do Sul)

LPSakm

1980 Cazzulo-Klepzig et al. (b), pl.2, 3

Brazil (Rio Grande do Sul)

LPSakm

Remark: in text pl.2, 5

G. grassetii Saporta 1875

1977 Fischer et Gayraud-Valy, fig.57

(scheme)

G. zhongguoense Feng 1977

1977 Feng et al., pl.250, 3, 4

China (Guangdong)

UP

+ *Ginkgophyton* Zalessky 1919Remark: non *Ginkgophyton* Matthew 1910.Substitute name: *Ginkgophytopsis* Hoeg 1967*G. giganteum* Burago 1976

1976 Burago, figs.1, 2

USSR (Primorskiy Kray)

UP

Remark: in Paleontol. Zh., 1977(1): 142 as new combination

Ginkgophytopsis gigantea (Burago 1976) Burago 1977+ *G. komalarjunii* (Asama 1966)

1976 Burago, fig.1

Thailand (-)

P

+ *G. maiyaense* (Asama 1967)

1976 Burago, fig.1

Japan (-)

LP

Ginkgophytopsis* Hoeg 1967G. sp.*

1980 Durante, fig.5

China (Xizang)

UP

G. gigantea (Burago 1976) Burago 1977Remark: see *Ginkgophyton giganteum* Burago 1976*G. xinganensis* Huang 1977

1977 Huang, fig.23; pl.24, 1; pl.38, f.6 (all ?)

China (Heilongjiang)

UP

Glossopteris* Brongniart 1828G. sp.*

1976 Anderson et McLachlan, pl.1, 7-9

South Africa (Cape Province)

LKEcca

1976 Anderson et McLachlan, pl.2, 14

Namibia (Gellap Ost)

K

1976 Balasundaram et al., pl.22, 6

(scheme)

(LP–LT)

1976 Bohlin, figs.303 (aff.), 650 (cf., fruct.); pl.30,

12 14 (cf.)

China (Chinghai)

UC–LP

1976 Bohlin, figs.558 (aff.), 698 (cf., fruct.), 699 (aff.)

China (Kansu)

UC–LP

- 1976 Daber, fig.479(1)
 1976 Grzimek, fig.p.52
 1976 Lele (a), fig.4
 1976 Lele (b), figs.1, 2
 1976 Lele (b), fig.3
 1976 Schopf, pl.5, 5, 6
- 1976 Teixeira et Pais, fig.35C, D
 1977 Appert, pl.5, 3, 4
 1977 Appert, pl.9, 1-3; pl.25, 1; pl.28, 5, 6; pl.30, 4, 5; pl.31, 1-12
 1977 Bose et al., fig.5; pl.1, 10; pl.2, 19, 20
 1977 Chandra et Surange (b), figs.1, 2, 3-4 (cuti); pl.1, 1-4, 5 (cuti); fig.8 (rec.)
 Remark: organic connection with *Venustostrobus indicus*
 1977 Gould et Delevoryas, fig.1
 1977 Gould and Delevoryas, figs.2A-G, 4A-I, 5A, B, 6A-J, 7A-E
 Remark: descr./ills. include anatomy. Association with female fructifications and *Arberietta*; seed with bisaccate pollen grains
 1977 Kovács-Endrödy (b), fig.4
 1977 Kovács-Endrödy (b), pl.5, 1, 2; pl.9, 2, 3; pl.10, 1-3; pl.13, 3, 4; pl.14, 1, 2; pl.16, 2; pl.17, 1-3; pl.18, 1-3
 1977 Minato, pl.4-1, 1, 2, 4; pl.4-2, 3, 4
 1977 Pant, fig.1E-H (cuti)
 1977 Pant, fig.2A
 1977 Pant, fig.2B
 1977 Pant, fig.5
 1977 Pant, fig.10E
 Remark: fig.10E organic connection with *Ottokaria*
 1977 Schweitzer, fig.7(7,7)
 1977 Wesley, fig. p.210
 1977 Zimina, pl.4, 9; pl.9, 1 (all ?)
 1978 Craddock, fig.2
 1978 Jeyasingh, figs.1-2 (cuti)
 1978 Strasburger, fig.800C
 1978 Waterhouse, fig.11.4
 1979 Kovács-Endrödy, figs.2.1, 3.1
 1979 Kovács-Endrödy, pl.2,A; pl.11,A, B
 1979 Kovács-Endrödy, pl.2,C
 1979 Rösler, fig.4(3)
 1979 Scheven, fig.40
 1979 Srivastava, fig.9; pl.1, 4, 5
 1979 Steel et Harvey, fig.p.121
 1979 Yuasa, fig.3.12
 1980 Andrews, fig. p.242
 1980 Boersma, fig.2
 1980 Cazzulo-Klepzig et al. (a), pl.2, 2, 5
 1980 Gould et Shibaoka, fig.6A
 1980 Gould et Shibaoka, fig.6B
 1980 Guerra-Sommer et al., pl.12, 9
G. acuta Dun 1897
 1978 Banerjee (a), fig.21; pl.9, 21
G. ampla Dana 1849
 1976 Kovács-Endrödy, figs.3, 13, 20; pl.1, A
 1976 Mildenhall, figs.1, 2
 1977 Kovács-Endrödy (b), pl.19, 1-3
 1977 Srivastava (b), fig.6; pl.3, 15 (all cf.)
 1978 White, fig.30
 Remark: association with *Squamella ampla*
- (rec.)
 South Africa (-) C-P
 (scheme)
 (scheme)
 (rec. from Pant et Singh, 1974)
 Antarctica (Queen Alexandra Range) P
 (scheme from Pant, 1962)
 Madagascar (Sakoa Basin) LGTalc-Karh?
 Madagascar (Sakoa Basin) LGKarh-Bara?
 India (Madhya Pradesh) UP-LT
 India (West Bengal) LGRani
 (rec.)
 Australia (Queensland) UP
 (scheme)
 South Africa (Transvaal) P
 Chile (Valdivia) UC-LP?
 (from Pant et Singh, 1971)
 (rec. from Pant et Singh, 1974)
 (rec. from Rigby, 1969)
 (scheme; anatomy)
 (rec. from Pant et Nautiyal)
 (rec.)
 (scheme)
 USSR (Primorskiy Kray) UP
 Antarctica (Ellsworth Mts.) C-P
 India (Bihar) LG
 (scheme from Gothan) (C-P)
 New Zealand (South Island) P
 (scheme)
 South Africa (Transvaal) P
 South Africa (Orange Free State) P
 (scheme)
 Rhodesia P
 India (Bihar) UPRani
 (scheme) (C-P)
 (scheme from Plumstead, 1956)
 Antarctica (Coalsack Bluff) P
 (scheme)
 Brazil (Rio Grande do Sul) LPSakm
 (scheme from Raven, 1972)
 (scheme)
 Brazil (Rio Grande do Sul) LPSakm
 Australia (New South Wales) UP
 South Africa (Transvaal) P
 New Zealand (South Island) UPKaza
 South Africa (Transvaal) P
 India (Bihar) LGBara
 Australia (New South Wales) UP

1979 Kovács-Endrödy, figs.3.5, 3.6; pl.3, A; pl.4, B; pl.5, A; pl.6, A, B; pl.7, A, B; pl.9, A, B	South Africa (Transvaal)	P
1980 Rigby et al., figs.13, 14	Australia (New South Wales)	P
<i>G. andreanskyi</i> Kovács-Endrödy 1977		
1977 Kovács-Endrödy (a), figs.1-4	South Africa (Transvaal)	P-T?
Remark: new name for <i>G. pseudocommunis</i> Kovács-Endrödy 1976, a later homonym of <i>G. pseudocommunis</i> Pant et Gupta 1968		
<i>G. angusta</i> Pant et Gupta 1971		
1979 Chandra et Surange, figs.12B, 27F, G, 44C, 49R; pl.1, 9; pl.6, 7; pl.17, 3, 8	India (Bihar) (rec.)	LGKarh
1979 Chandra et Surange, pl.43, 7		
<i>G. angustifolia</i> Brongniart 1830		
1976 Hsü, pl.3, 16, 17	China (Xizang)	UP
1977 Bose et al., pl.1, 3-6	India (Madhya Pradesh)	UP-LT
1978 Banerjee (a), fig.1; pl.1, 1	India (West Bengal)	UPRani
1978 Hsü, pl.1, 5, 6	China (Xizang)	UP
1978 Sarkar, figs.1, 2	(from Feistmantel, 1881)	
1978 Sarkar, fig.3	Australia (New South Wales)	LG
1979 Chandra et Surange, figs.23B F, 25B, 25C, E, 46J, M, N, S; pl.3, 6; pl.13, 5; pl.18, 7, 11	India (West Bengal)	LGRani
1979 Chandra et Surange, fig.23G	India ()	LG
1979 Chandra et Surange, fig.23H	India (Bihar)	LGRani
1979 Chandra et Surange, figs.24D, 46P	India (Bihar)	LGBara
1979 Chandra et Surange, pl.42, 2	(rec.)	
1980 Rigby et al., figs.15-17, 19	Australia (New South Wales)	P
<i>G. arberi</i> Srivastava 1956		
1979 Chandra et Surange, figs.4D, 10A, 18A, 45G, H, 48F; pl.7, 4, 7; pl.8, 6; pl.16, 4, 9; pl.17, 2	India (West Bengal) (rec.)	LGRani
1979 Chandra et Surange, fig.23H		
<i>G. barakarensis</i> Kulkarni 1971		
1977 Srivastava (b), fig.2; pl.2, 11	India (Bihar)	LGBara
1979 Chandra et Surange, figs.5B, 19G, I, 48E, I; pl.2, 4; pl.19, 7	India (Bihar)	LGBara
1979 Chandra et Surange, pl.41, 3	(rec.)	
<i>G. bosei</i> Chandra et Surange 1979		
1979 Chandra et Surange, fig.11C	India (West Bengal)	LGRani
1979 Chandra et Surange, figs.11G, 12D, E, G, 22E, 45D, 46E, F, 53I	India (Madhya Pradesh) (rec.)	LGRani
1979 Chandra et Surange, pl.47, 5		
<i>G. brongniartii</i> Pant et Gupta 1968		
1979 Chandra et Surange, fig.21G; pl.23, 3, 16	India (West Bengal)	LGRani
<i>G. browniana</i> Brongniart 1830		
1885 Quenstedt, pl.92, 10	Australia ()	P
1976 Gould, fig.3F	(scheme from Rigby, 1972)	
1976 Kovács-Endrödy, fig.1A	(from Brongniart, 1830)	
1976 Kovács-Endrödy, figs.1B, 5; pl.4, E	South Africa (Transvaal)	P
1976 Lele (b), fig.5	(scheme)	
Remark: in text <i>G. brownii</i>		
1977 Appert, pl.29, 4-6	Madagascar (Sakoa Basin) (scheme)	LGKarh-Bara?
1977 Kovács-Endrödy (b), fig.1	South Africa (Transvaal)	P
1977 Kovács-Endrödy (b), pl.14, 3; pl.16, 1	India (Bihar)	LGBara
1977 Srivastava (b), pl.2, 12	India (West Bengal)	LG
1978 Sarkar, fig.4	Australia (New South Wales)	LG
1978 Sarkar, fig.5	India (West Bengal)	UPRani
1979 Banerjee, pl.51, 15, 16, 20		
Remark: organic connection with <i>Dictyopteridium sporiferum</i> and <i>Scutum leslium</i>		
1979 Banerjee et al., pl.36, 2	India (Assam)	LG
1979 Chandra et Surange, figs.14B-D, 47D	Australia (New South Wales)	P
1979 Chandra et Surange, pl.38, 1	(rec.)	

1979 Srivastava, fig.5; pl.2, 7	India (Bihar)	UPRani
1980 Rigby et al., figs.7–11	Australia (New South Wales)	P
<i>G. browniana</i> Brongniart 1830 var. <i>indica</i> Bunbury 1861		
1976 Kovács-Endrődy, pl.6, A, B	(from Brongniart, 1830)	
Remark: pl.6, A is a photograph of the specimen figured on pl.67, 2 in Brongniart (1830)		
<i>G. churiensis</i> Srivastava 1977		
1977 Srivastava (b), fig.9; pl.2, 8, 9	India (Bihar)	LGBara
1979 Chandra et Surange, figs.9E, 22C, 48J, 54H; pl.1, 10; pl.17, 14	India (Bihar)	LGBara
1979 Chandra et Surange, pl.26, 5	(rec.)	
<i>G. clarkei</i> Feistmantel 1878		
1978 Banerjee (a), fig.22; pl.9, 22	Australia (New South Wales)	LP
1979 Banerjee, pl.50, 10, pl.54, 8–10	India (West Bengal)	UPRani
Remark: organic connection with <i>Senotheca murulidihensis</i>		
1980 Rigby et al., figs.20, 22–24 (cuti), 25	Australia (New South Wales)	P
<i>G. communis</i> Feistmantel 1876		
1976 Banerji et al., fig.2C; pl.1, 9	India (Madhya Pradesh)	UP–LT?
1976 Hsü, pl.1, 1B, 5B; pl.3, 15; pl.4, 18–23	China (Xizang)	UP
1976 Kovács-Endrődy, fig.10D	(from Feistmantel, 1876)	
1976 Kovács-Endrődy, figs.7, 10A–C, 11; pl.1, B	South Africa (Transvaal)	P
1977 Appert, pls.22–24; 25, 1, 3–5	Madagascar (Sakoa Basin)	LGKarh–Bara?
1977 Bose et al., pl.1, 13; pl.2, 22	India (Madhya Pradesh)	UP–LT
1977 Srivastava (a), pl.2, 12	India (Bihar)	LGKarh
1977 Srivastava (b), pl.1, 7	India (Bihar)	LGBara
1978 Banerjee (a), fig.23; pl.2, 23	India (West Bengal)	UPRani
1978 Hsü, pl.1, 1–4	China (Xizang)	UP
1978 Rigby (b), figs.25, 26	Australia (Queensland)	U?P
1979 Banerjee et al., pl.37, 4, 5	India (Assam)	LG
1979 Chandra et Surange, figs.1B, 4A, B, 10C, 44E, 45E, 53D, J; pl.1, 2, 3; pl.13, 7; pl.15, 1, 6	India (Bihar)	LGKarh
1979 Chandra et Surange, figs.9C, 44G	India (Bihar)	LGBara
1979 Chandra et Surange, figs.1C, D, 53F	India (Madhya Pradesh)	LGKarh
1979 Chandra et Surange, pl.26, 1	(rec.)	
1979 Kovács-Endrődy, fig.3.4; pl.5, B	South Africa (Transvaal)	P
1979 Srivastava, fig.1; pl.1, 1, 2	India (Bihar)	UPRani
1980 Rigby et al., figs.26, 27–28 (cuti), 29, 30	Australia (New South Wales)	P
<i>G. conspicua</i> Feistmantel 1881		
1976 Lele (b), fig.5	(scheme)	
1977 Srivastava (b), fig.5; pl.1, 5	India (Bihar)	LGBara
1978 Banerjee (a), fig.4; pl.2, 4	India (West Bengal)	UPRani
1978 White, fig.58	Australia (New South Wales)	P
Remark: organic connection with <i>Scutum sahnii</i>		
1979 Chandra et Surange, figs.27B, E, 49G, 50H; pl.5, 5; pl.7, 1; pl.21, 6	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.41, 6	(rec.)	
1979 Srivastava, pl.2, 11	India (Bihar)	UPRani
1980 Retallack, fig.21.5J	Australia (New South Wales)	L–UP
Remark: organic connection with fructifications		
<i>G. contracta</i> Pant et Gupta 1971		
1977 Chandra et Surange (c), figs.1, 7, 15B	(rec.)	
1977 Chandra et Surange (c), figs.3, 6, 8; pl.1, 3, 4; pl.2, 5; pl.3, 14; pl.5, 24, 25	India (West Bengal)	UPRani
Remark: descr./ills. include cuticles. Organic connection with <i>Venustostrobis diademus</i>		
<i>G. cordata</i> Dana 1849		
1980 Rigby et al., figs.31–33	Australia (New South Wales)	P
<i>G. cordiformis</i> Pant et Singh 1971		
1979 Chandra et Surange, figs.36A, B, 37C, 52B; pl.11, 5; pl.21, 9	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.35, 1	(rec.)	

<i>G. cyclopteroides</i> (Feistmantel 1876) Kovács-Endrödy 1977		
1977 Kovács-Endrödy (b), pl.8, 1, 2	(from Feistmantel, 1879)	
1977 Kovács-Endrödy (b), pl.8, 3	Australia (Victoria)	P
1977 Kovács-Endrödy (b), pl.9, 1	South Africa (Transvaal)	P
<i>G. damudica</i> Feistmantel 1879		
1976 Kovács-Endrödy, figs.9, 18, 19; pl.4, B–D	South Africa (Transvaal)	P
1977 Appert, pl.30, 1–3	Madagascar (Sakoa Basin)	LGKarb–Bara?
1977 Kovács-Endrödy (b), pl.14, 4; pl.15, 1, 2	South Africa (Transvaal)	P
1977 Srivastava (a), fig.4; pl.2, 10, 11	India (Bihar)	LGKarb
1978 Banerjee (a), fig.5; pl.3, 5	India (West Bengal)	LG
1979 Chandra et Surange, fig.34A; pl.4, 2; pl.20, 1	India (West Bengal)	LGBarM
1979 Chandra et Surange, pl.36, 1	(rec.)	
<i>G. decipiens</i> Feistmantel 1879		
1978 Banerjee (a), fig.20; pl.9, 20	India (Bihar)	LRKarb
1979 Chandra et Surange, figs.21F, 46Q; pl.1, 5, 6; pl.15, 4	India (Bihar)	LGKarb
1979 Chandra et Surange, pl.26, 4	(rec.)	
1979 Srivastava, fig.7; pl.3, 13	India (Bihar)	UPRani
<i>G. divergens</i> Feistmantel 1881		
1976 Kovács-Endrödy, figs.27, 28; pl.5, A–C	South Africa (Transvaal)	P
1978 Banerjee (a), fig.6; pl.4, 6	India (West Bengal)	UPRani
1979 Chandra et Surange, figs.36C, D, 38d, 51C	India (Bihar)	LGRani
1979 Chandra et Surange, figs.37B, 51A; pl.4, 3; pl.20, 2	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.41, 2	(rec.)	
1979 Srivastava, fig.3; pl.2, 8	India (Bihar)	UPRani
<i>G. elegans</i> Feistmantel 1879		
1978 Banerjee (a), fig.23; pl.9, 23	Australia (New South Wales)	LP
<i>G. elongata</i> Dana 1849		
1980 Rigby et al., figs.34–35	Australia (New South Wales)	P
<i>G. emarginata</i> Maheshwari et Prakash 1965		
1979 Chandra et Surange, figs.2C, 18E; pl.1, 11, 12; pl.15, 7, 12	India (Bihar)	LGBara
1979 Chandra et Surange, pl.41, 4	(rec.)	
<i>G. euryneura</i> Maheshwari 1965		
1979 Chandra et Surange, figs.29D, 50D; pl.9, 2, 3; pl.19, 5	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.39, 1	(rec.)	
<i>G. feistmantelii</i> Rigby 1964		
1978 Banerjee (a), fig.7; pl.4, 7	India (Madhya Pradesh)	UPRani
1979 Chandra et Surange, figs.20A, B, 44D, 48B, pl.2, 3; pl.5, 3;		
pl.10, 3; pl.16, 10; pl.19, 1	India (Madhya Pradesh)	LGRani
1979 Chandra et Surange, pl.38, 2	(rec.)	
<i>G. fibrosa</i> Pant 1958		
1977 Pant, fig.1B–C	(from Pant, 1958)	
<i>G. formosa</i> Feistmantel 1881		
1978 Banerjee (a), fig.8; pl.4, 8	India (West Bengal)	UPRani
1979 Chandra et Surange, fig.28B, C; pl.4, 5; pl.21, 4	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.44, 6	(rec.)	
1980 Rigby et al., figs.36–37	Australia (New South Wales)	P
<i>G. fuchsii</i> Plumstead 1962		
1977 Srivastava (b), fig.4; pl.3, 14	India (Bihar)	LGBara
<i>G. fusa</i> Kulkarni 1971		
1979 Srivastava, fig.8; pl.2, 9	India (Bihar)	UPRani
<i>G. ghusikensis</i> Pant et Gupta 1971		
1977 Chandra et Surange (e), fig.10; pl.4, 19, 20	India (West Bengal)	UPRani
1977 Chandra et Surange (e), fig.15A	(rec.)	
Remark: descr./ills. include cuticles. Organic connection with <i>Jambadostrobos pretiosus</i>		
<i>G. gigas</i> Pant et Singh 1971		
1979 Chandra et Surange, figs.39C, 40d, 53C; pl.12, 1;		
pl.16, 6	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.25, 1	(rec.)	

<i>G. giridihensis</i> Pant et Gupta 1971		
1979 Chandra et Surange, figs.10D, 45C		
1979 Chandra et Surange, pl.47, 4		
<i>G. gondwanensis</i> Pant et Gupta 1971		
1979 Chandra et Surange, figs.29E, 41A, B, 50P, 54G; pl.13,		
3, 6; pl.22, 7; pl.23, 4, 10		
1979 Chandra et Surange, pl.44, 1, 3		
<i>G. guizhouensis</i> Gu et Zhi 1974		
1978 Zhang, pl.161, 5		
<i>G. indica</i> Schimper 1869		
1976 Hsü, pl.4, 24		
1976 Kovács-Endrödy, figs.2, 4, 6, 21; pl.1, C		
1976 Lele (b), fig.5		
1977 Appert, pl.25, 1, 2; pl.26; pl.27; pl.28, 1–4, 7–8(?); pl.29, 1–3		
1977 Bose et al., fig.3B; pl.1, 14; pl.2, 15		
1977 Correa da Silva et Arrondo, pl.1, 1		
1977 Srivastava (b), fig.1; pl.1, 1, 2		
1977 Zimina, pl.4, 7 (cf.)		
1978 Banerjee (a), figs.9, 10; pl.5, 9; pl.6, 10		
1978 Cazzulo-Klepzig, fig.4C, D; pl.3, 1		
Remark: in text fig.4; pl.9, 2		
1978 Correa da Silva, pl.4, 5; pl.5, 1		
1978 Hsü, pl.2, 1		
1978 Rigby (b), figs.25, 26		
1978 Sarkar, fig.6		
1978 Sarkar, fig.7		
1978 Sarkar, figs.8–10		
1979 Chandra et Surange, figs.1A, 5F, 6D, 9B, 45I, 54A		
1979 Chandra et Surange, figs.2A, 7A, 45N; pl.5, 1; pl.10, 4;		
pl.15, 11		
1979 Chandra et Surange, figs.2B, 15C, 45J, L; pl.3, 4;		
pl.10, 2; pl.16, 5; pl.18, 12		
1979 Chandra et Surange, figs.2D, 53B		
1979 Chandra et Surange, figs.3A, 5C, 10B, 45M		
1979 Chandra et Surange, figs.6A, B, 47C, 54P		
1979 Chandra et Surange, fig.17C		
1979 Chandra et Surange, pl.28, 1; pl.29, 1, 2		
1980 Cazzulo-Klepzig et al. (a), pl.3, 7, 15		
1980 Cazzulo-Klepzig et al. (b), pl.1, 11; pl.2, 12		
1980 Rigby et al., figs.38–41		
<i>G. intermedia</i> (Feistmantel 1880) Maheshwari 1965		
1978 Banerjee (a), fig.11; pl.5, 11		
1979 Chandra et Surange, figs.27D, 50Q		
1979 Chandra et Surange, figs.28A, 50O		
1979 Chandra et Surange, figs.28E, G, 29B, 50J, K, N;		
pl.6, 10; pl.18, 10		
1979 Chandra et Surange, pl.27, 2; pl.43, 1		
<i>G. intermittens</i> Feistmantel 1881		
1977 Srivastava (b), fig.8; pl.1, 3 (all cf.)		
1978 Banerjee (a), fig.12; pl.7, 12		
1979 Chandra et Surange, figs.11E, F, 44L; pl.3, 5; pl.17, 9		
1979 Chandra et Surange, pl.41, 5		
1979 Kovács-Endrödy, fig.3.3		
1980 Rigby et al., figs.42, 43		
<i>G. jonesii</i> Walkom 1922		
1976 Gould, fig.3G		
<i>G. karanpurensis</i> Kulkarni 1971		
1979 Chandra et Surange, figs.33d, 41C, 52A; pl.2, 5; pl.22, 1, 2		
1979 Chandra et Surange, pl.30, 1		
India (Bihar)		LGKarh
(rec.)		
India (West Bengal)		LGRani
(rec.)		
China (Guizhou)		UP
China (Xizang)		UP
South Africa (Transvaal)		P
(scheme)		
Madagascar (Sakoa Basin)		LGKarh–Bara?
India (Madhya Pradesh)		UP–LT
Brazil (Rio Grande do Sul)		LPSakm–Arti
India (Bihar)		LGBara
USSR (Primorskiy Kray)		UP
India (West Bengal)		UPRani
Brazil (Santa Catarina)		UPKaza–Tata
Brazil (Rio Grande do Sul)		LPSakm
China (Xizang)		UP
Australia (Queensland)		U?P
India (Uttar Pradesh)		LG
Australia (New South Wales)		LG
Antarctica		LG
India (Bihar)		LGBara
India (Uttar Pradesh)		L GKamt
India (West Bengal)		LGRani
India (Bihar)		LGRani
India (Maharashtra)		L GKamt
India (Madhya Pradesh)		P
India (Madhya Pradesh)		L GKarh?
(rec.)		
Brazil (Rio Grande do Sul)		LPSakm
Brazil (Rio Grande do Sul)		LPSakm
Australia (New South Wales)		P
India (West Bengal)		UPRani
India (Bihar)		LGRani
India (Bihar)		LGBara
India (West Bengal)		LGRani
(rec.)		
India (Bihar)		LGBara
India (West Bengal)		LPBara
India (West Bengal)		LGBara
(rec.)		
South Africa (Transvaal)		P
Australia (New South Wales)		P
(scheme)		
India (Bihar)		LGBara
(rec.)		

<i>G. karharbariensis</i> Chandra et Surange 1979		
1979 Chandra et Surange, figs.26A, 49N, pl.47, 3	India (Bihar)	LGKarb
<i>G. kashmirensis</i> (Seward 1905) Kovács-Endrödy 1979		
1979 Kovács-Endrödy, pl.3, B	South Africa (Transvaal)	P
<i>G. lanceolatus</i> Pant et Singh 1971		
1979 Chandra et Surange, figs.5A, 36F, 38A, 40C, 47A, 52D, F; pl.7, 2; pl.19, 2	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.40, 2	(rec.)	
<i>G. leptoneura</i> Bunbury 1861		
1977 Bose et al., fig.6A; pl.1, 12	India (Madhya Pradesh)	UP-LT
1977 Srivastava (b), fig.3; pl.2, 10	India (Bihar)	LGBara
1979 Srivastava, pl.3, 14	India (Bihar)	UPRani
<i>G. linearis</i> McCoy 1847		
1978 White, figs.3, 4	Australia (New South Wales)	UP
1978 White, figs.33, 34	Australia (New South Wales)	P
1978 White, fig.35	(rec.)	
1980 Retallack, fig.21.5I	Australia (New South Wales)	L UP
1980 Rigby et al., figs.18, 44-45 (cf.)	Australia (New South Wales)	P
<i>G. longicaulis</i> Feistmantel 1881		
1977 Bose et al., fig.3A; pl.1, 11	India (Madhya Pradesh)	UP-LT
1978 Banerjee (a), fig.13; pl.7, 13	India (Bihar)	LPKarb
1979 Chandra et Surange, figs.21A, C, 46U, V; pl.1, 4; pl.15, f.13	India (Bihar)	LGKarb
<i>G. maccayi</i> Kovács-Endrödy 1977		
1977 Kovács-Endrödy (b), fig.5	(scheme)	
1977 Kovács-Endrödy (b), pl.11, 1 2A; pl.12; pl.13, 1	Australia (Victoria)	P
1977 Kovács-Endrödy (b), pl.11, 3, 4; pl.13, 2	South Africa (Transvaal)	P
1979 Kovács-Endrödy, fig.2, 2; pl.2, B	South Africa (Transvaal)	P
<i>G. mackayi</i> (Tate 1867) Kovács-Endrödy 1977		
Basionym: <i>Rubidgea mackayi</i> Tate 1867 in		
Q.J. Geol. Soc. London, 23: 141		
<i>G. maculata</i> Pant et Singh 1974		
1977 Pant, fig.1D	(from Pant et Singh, 1974)	
1979 Chandra et Surange, figs.32A, C, 49L, M; pl.9, 6, 7; pl.19, 3, 8	India (West Bengal)	LGRani
1979 Chandra et Surange, figs.43D, 54B; pl.13, 2; pl.22, 8	India (Orissa)	LGRani
1979 Chandra et Surange, pl.27, 3	(rec.)	
<i>G. major</i> Pant et Singh 1971		
1977 Kovács-Endrödy (b), figs.3, 8	(scheme)	
1977 Kovács-Endrödy (b), pl.3, 1; pl.4, 3	(from Feistmantel, 1879)	
1977 Kovács-Endrödy (b), pl.3, 2	South Africa (Transvaal)	P
Remark: in text <i>G. major</i> (Feistmantel 1879)		
Kovács-Endrödy 1977, a later homonym. New name required.		
1977 Pant, fig.1A	(from Pant et Singh, 1971)	
1979 Chandra et Surange, fig.42A	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.45, 2	(rec.)	
<i>G. mohudaensis</i> Chandra et Surange 1979		
1979 Chandra et Surange, figs.39B, 51G; pl.11, 2; pl.18, 14	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.46, 2	(rec.)	
<i>G. nakkarea</i> Chandra et Surange 1979		
1979 Chandra et Surange, figs.11D, 22H, 24A, 25I, 48M, N	India (Bihar)	LGBara
1979 Chandra et Surange, figs.22G, 46I	India (West Bengal)	LGBara
1979 Chandra et Surange, pl.47, 2	(rec.)	
<i>G. nautiyalii</i> Pant et Singh 1971		
1979 Chandra et Surange, figs.6C, 16A C, 46G, 47G, O; pl.8, 4; pl.18, 1; pl.23, 8, 14	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.46, 1	(rec.)	
<i>G. nidpurensis</i> Srivastava 1971		
1979 Srivastava, fig.2; pl.2, 6 (all cf.)	India (Bihar)	UPRani

<i>G. nimishea</i> Chandra et Surange 1979		
1979 Chandra et Surange, figs.17A, B, 43C, 47K, 48C, 53A; pl.2, 2, 7; pl.16, 7, 8	India (Bihar)	LGBara
1979 Chandra et Surange, figs.35A, D, 52H; pl.4, 1; pl.6, 5; pl.18, 4; pl.19, 10		
1979 Chandra et Surange, figs.35B, 51F	India (West Bengal)	LGBara
1979 Chandra et Surange, pl.45, 11	India (–)	P?
<i>G. obliqua</i> (McCoy 1875) Kovács-Endrödy 1977	(rec.)	
1977 Kovács-Endrödy (b), fig.6	(scheme)	
1977 Kovács-Endrödy (b), pl.6, 1; pl.7, 20	Australia (Victoria)	P
1977 Kovács-Endrödy (b), pl.6, 2	(from Feistmantel, 1881)	
1977 Kovács-Endrödy (b), pl.6, 3	South Africa (Transvaal)	P
1979 Kovács-Endrödy, pl.8, B	(from McCoy)	
<i>G. obovata</i> (Carruthers 1869) Kovács-Endrödy 1977		
1977 Kovács-Endrödy (b), figs.2, 7	(scheme)	
1977 Kovács-Endrödy (b), pl.1, 1, 2	Brazil (Rio Grande do Sul)	P
1977 Kovács-Endrödy (b), pl.2, 1	South Africa (Transvaal)	P
1977 Kovács-Endrödy (b), pl.2, 2, 3	(from Feistmantel, 1879)	
<i>G. oldhamii</i> Pant et Singh 1974		
1979 Chandra et Surange, figs.36E, 52G; pl.8, 3; pl.19, 9	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.37, 1	(rec.)	
<i>G. orbicularis</i> Feistmantel 1881		
1978 Banerjee (a), figs.14, 15; pl.7, 14, 15	India (West Bengal)	UPRani
1979 Chandra et Surange, figs.7B, 18D, 49C; pl.3, 1, 2; pl.21, 7, 8		
1979 Chandra et Surange, pl.26, 2	India (West Bengal)	LGRani
<i>G. orientalis</i> Zimina 1967	(rec.)	
1977 Zimina, fig.10; pl.2, 1–5		
<i>G. pandurata</i> Pant et Gupta 1971	USSR (Primorskiy Kray)	UP
1977 Srivastava (b), fig.7; pl.1, 6		
1979 Chandra et Surange, figs.22A, 46T; pl.8, 2; pl.17, 6	India (Bihar)	LGBara
1979 Chandra et Surange, pl.43, 6	India (Bihar)	LGKarn
<i>G. pantii</i> Chandra et Surange 1979	(rec.)	
1979 Chandra et Surange, figs.3B, 18B, 21D, 23I, 30D, 47N, 48D, G, 54C, F; pl.13, 4; pl.14, 1; pl.22, 6, 10, 14	India (West Bengal)	LGRani
1979 Chandra et Surange, figs.18C, 53K	India (Bihar)	LGRani
1979 Chandra et Surange, figs.30H, 47M	India (–)	LG
1979 Chandra et Surange, pl.31, 1	(rec.)	
<i>G. parallela</i> Feistmantel 1878		
1978 Banerjee (a), fig.24; pl.10, 24	Australia (New South Wales)	UP
1979 Banerjee et al., pl.36, 1	India (Assam)	LG
<i>G. pseudocommunis</i> Kovács-Endrödy 1976		
1976 Kovács-Endrödy, figs.12, 22–26; pl.2, A–D	South Africa (Transvaal)	P
Remark: a later homonym of <i>G. pseudocommunis</i> Pant et Gupta 1968. New name: <i>G. andreanskyi</i> Kovács-Endrödy 1977		
<i>G. radiata</i> Pant et Singh 1971		
1979 Chandra et Surange, figs.32B, 49K; pl.9, 4; pl.22, 5	India (West Bengal)	LGRani
<i>G. raniganjensis</i> Chandra et Surange 1979		
1979 Chandra et Surange, figs.4E, 8A,B, 44K; pl.3, 3; pl.10, 1; pl.16, 2, 3		
1979 Chandra et Surange, figs.8C, 44F	India (West Bengal)	LGRani
1979 Chandra et Surange, fig.9A	India (Uttar Pradesh)	LGKamt
1979 Chandra et Surange, figs.9D, 44H	India (Bihar)	LGBara
1979 Chandra et Surange, fig.40B	India (Madhya Pradesh)	LGRani
1979 Chandra et Surange, pl.3, 8; pl.16, 1	India (Bihar)	LGBarM
1979 Chandra et Surange, pl.4, 4; pl.5, 2; pl.15, 2	India (Bihar)	LGRani
1979 Chandra et Surange, pl.24, 1	India (Maharashtra)	LGKamt
	(rec.)	

<i>G. rectinervis</i> Dun 1897		
1978 Banerjee (a), fig.25; pl.10, 25	Australia (New South Wales)	UP
<i>G. recurva</i> Pant et Singh 1974		
1979 Chandra et Surange, figs.13A, 24B, 25, 47B, 54N; pl.6, 8; pl.17, 11	India (Bihar)	LGRani
<i>G. retifera</i> Feistmantel 1881		
1976 Banerji et al., fig.3E; pl.1, 10	India (Madhya Pradesh)	UP-LT?
1977 Bose et al., fig.4; pl.2, 21	India (Madhya Pradesh)	UP-LT
1978 Banerjee (a), fig.16; pl.8, 16	India (West Bengal)	UPRani
1979 Chandra et Surange, figs.27A, 30B, 31A, C, D, E, 49D, F, H, J, 50F; pl.5, 6; pl.21, 1, 5; pl.23, 5, 13	India (West Bengal)	LGRani
1979 Chandra et Surange, figs.28F, 50I	India (Bihar)	LGBara
1979 Chandra et Surange, pl.26, 3	(rec.)	
1979 Srivastava, fig.4; pl.2, 10	India (Bihar)	UPRani
<i>G. retusa</i> Maheshwari 1965		
1979 Chandra et Surange, figs.22B, D, 48H; pl.6, 6; pl.7, 8; pl.15, 3	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.43, 8	(rec.)	
1980 Rigby et al., figs.46, 47	Australia (New South Wales)	P
<i>G. rewaensis</i> Chandra et Surange 1979		
1979 Chandra et Surange, fig.19E	India (Madhya Pradesh)	LGRani?
1979 Chandra et Surange, figs.26I, 50G	India (Bihar)	LGRani
1979 Chandra et Surange, figs.33C, 50C	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.47, 6	(rec.)	
<i>G. rhabdotaenioides</i> Pant et Singh 1971		
1979 Chandra et Surange, figs.34B, 35C, 37A, 39A, 51E, H, 52E, 53H; pl.9, 5; pl.13, 1; pl.18, 6; pl.20, 3	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.33, 1	(rec.)	
<i>G. sahnii</i> Srivastava 1956		
1979 Chandra et Surange, figs.37d, 38C, 42d, 52C, I; pl.11, 1, 4; pl.20, 4, 5	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.34, 1	(rec.)	
<i>G. saksenae</i> Chandra et Surange 1979		
1979 Chandra et Surange, figs.11h, 26J, 54I	India (Bihar)	LGBara
1979 Chandra et Surange, figs.15D, 54M	India (Madhya Pradesh)	LGBara
<i>G. sastrii</i> Pant et Singh 1974		
1977 Pant, fig.4	India	LG
1979 Chandra et Surange, figs.29A, 50E; pl.9, 1; pl.19, 4	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.39, 2	(rec.)	
<i>G. searsolensis</i> Pant et Singh 1974		
1979 Chandra et Surange, figs.29C, 50M; pl.23, 6, 12	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.47, 1	(rec.)	
<i>G. spathulato-cordata</i> Feistmantel 1878		
1978 Banerjee (a), fig.26; pl.7, 26	Australia (New South Wales)	UP
<i>G. spatulata</i> Pant et Singh 1971		
1979 Chandra et Surange, figs.14A, 25F, 45A, 46W; pl.8, 1; pl.12, 5; pl.17, 7; pl.18, 1	India (West Bengal)	LGRani
1979 Chandra et Surange, figs.30G, 54E, L	India (Madhya Pradesh)	LGRani?
1979 Chandra et Surange, pl.27, 1	(rec.)	
<i>G. srivastavae</i> Surange et Maheshwari 1962		
1979 Chandra et Surange, figs.32D, 50A; pl.11, 3; pl.19, 6	India (West Bengal)	LGRani
1979 Chandra et Surange, pl.47, 7	(rec.)	
<i>G. stenoneura</i> (Feistmantel 1881) Banerji et al. 1976		
1976 Banerji et al., figs.3A-D, 4A-B; pl.2, 16-18	India (Madhya Pradesh)	UP-LT?
1979 Chandra et Surange, figs.11A, 44I; pl.1, 8; pl.15, 8; pl.17, 4	India (Bihar)	LGBara
1979 Chandra et Surange, figs.11B, 12A, 44J; pl.1, 7; pl.17, 1	India (West Bengal)	LGBara
1979 Chandra et Surange, pl.41, 1	(rec.)	
<i>G. stricta</i> Bunbury 1861		
1978 Banerjee (a), figs.17, 18; pl.8, 17, 18	India (Maharashtra)	UPRani

1979 Banerjee et al., pl.36, 3	India (Assam)	LG
1979 Chandra et Surange, fig.33A	India (Bihar)	LGKamt
1979 Chandra et Surange, figs.33B, 38B; pl.5, 4	India (Uttar Pradesh)	LGKamt
1979 Chandra et Surange, fig.51J	India (Bihar)	LGRani
1979 Chandra et Surange, pl.32, 1	(rec.)	
1979 Srivastava, fig.6; pl.1, 3	India (Bihar)	UPRani
<i>G. subtilis</i> Pant et Gupta 1971		
1979 Chandra et Surange, figs.15A, B, 17d, 20C, D, 47I, J, 48A; pl.3, 7; pl.8, 5, 7; pl.14, 3, pl.17, 16; pl.21, 2; pl.22, 3, 12	India (West Bengal) (rec.)	LGRani
1979 Chandra et Surange, pl.37, 2		
<i>G. syaldiensis</i> Chandra et Surange 1979		
1979 Chandra et Surange, figs.40A, 51B; pl.2, 1; pl.15, 5	India (Bihar) (rec.)	LGBara
1979 Chandra et Surange, pl.43, 4		
<i>G. taeniensis</i> Chandra et Surange 1979		
1979 Chandra et Surange, figs.19A, 27C, 47I, 49A; pl.23, 7	India (Bihar)	LGBara
1979 Chandra et Surange, figs.19B, 47E; pl.23, 9	India (Bihar)	LGKarb
1979 Chandra et Surange, pl.43, 5	(rec.)	
<i>G. taenioides</i> Feistmantel 1882		
1977 Chandra et Surange (a), figs.1, 2A, B; pl.1, 1-4; pl.2, 5, 6; pl.3, 10-11 (cuti)	India (West Bengal) (rec.)	LGRani
1977 Chandra et Surange (a), figs.6, 7		
Remark: organic connection with <i>Plumsteadia</i> <i>ellipticus</i>	(rec.)	
1977 Chandra et Surange (e), fig.14B		
Remark: organic connection with <i>Plumsteadia</i> <i>ellipticus</i>		
1977 Pant, fig.9L	(from Pant et Singh, 1974)	
1978 Banerjee (a), fig.19; pl.8, 19	India (Madhya Pradesh)	LPKarb
1979 Chandra et Surange, figs.26D, 49O; pl.4, 6; pl.18, 5	India (Bihar)	LGKarb
1979 Chandra et Surange, pl.43, 3	(rec.)	
<i>G. taeniopteroides</i> Feistmantel 1878		
1976 Kovács-Endrődy, figs.8, 14-17; pl.2, E; pl.3, A-C; pl.4, A	South Africa (Transvaal)	P
1978 Banerjee (a), fig.27; pl.10, 27	Australia (New South Wales)	UP
1979 Chandra et Surange, fig.43A (cf.)	India (Uttar Pradesh)	LG
<i>G. talchirensis</i> Chandra et Surange 1979		
1979 Chandra et Surange, figs.4C, 5D, E, 44A, B; pl.1, 1	India (Bihar)	TGTalc
<i>G. tenuifolia</i> Pant et Gupta 1968		
1979 Chandra et Surange, figs.12C, F, H, 13B, C, 14E, 21B, 23A, J-L, 25A, D, 44M, 45B, 46A-D, R, 54J, Q; pl.6, 1, 2; pl.7, 6; pl.14, 4, 7; pl.15, 10; pl.17, 10, 12; pl.22, 9; pl.42, 1, 6	India (West Bengal)	LGRani
<i>G. tenuinervis</i> Pant et Gupta 1971		
1976 Chandra et Surange, figs.1-4; pls.1-8	India (West Bengal)	UPRani
1976 Chandra et Surange, fig.7	(rec.)	
Remark: descr./ills. include cuticles.		
Organic connection with <i>Dictyopteridium feistmantelii</i>	(rec.)	
1977 Chandra et Surange (e), fig.14A		
Remark: organic connection with <i>Dictyopteridium feistmantelii</i>		
1979 Chandra et Surange, figs.13E, 19F, 30A, 42B, 47L, 51D, 54D; pl.6, 3; pl.7, 3; pl.14, 6; pl.18, 2; pl.22, 4, 13; pl.23, 1, 15	India (West Bengal) (rec.)	LGRani
1979 Chandra et Surange, pl.46, 3		
<i>G. tortuosa</i> Zeiller 1902		
1979 Chandra et Surange, figs.19H, 49E; pl.2, 6; pl.18, 9	India (Bihar)	LGBara
1979 Chandra et Surange, figs.42c, 43B, 54K; pl.14, 5; pl.22, 11	India (West Bengal) (rec.)	LGRani
1979 Chandra et Surange, pl.43, 2		
1979 Kovács-Endrődy, fig.3.2; pl.4, A; pl.8, A; pl.10, A, B	South Africa (Transvaal)	P

+ <i>G. tunguscana</i> (Nejburg) Zimina 1977 Zimina, pl.4, 8 (cf.) <i>G. varia</i> Pant et Gupta 1968 1979 Chandra et Surange, figs.24C, E, N, 25h, J, 48K, L; pl.7, 5; pl.17, f.5 1979 Chandra et Surange, pl.25, 2, 11 <i>G. vulgaris</i> Pant et Gupta 1968 1979 Chandra et Surange, figs.13F, 46O; pl.6, 9; pl.15, 9 1979 Chandra et Surange, pl.42, 5 <i>G. wilkinsonii</i> Feistmantel 1878 1978 Banerjee (a), fig.28; pl.10, 28 <i>G. zeilleri</i> Pant et Gupta 1968 1979 Chandra et Surange, figs.13D, 45K; pl.6, 4; pl.17, 13 1979 Chandra et Surange, pl.42, 3	USSR (Primorskiy Kray) India (Bihar) (rec.) India (Bihar) (rec.) Australia (New South Wales) India (Bihar) (rec.)	UP LGRani LGRani UP LGKarb
<i>Glossotheca</i> Surange et Maheshwari 1970		
<i>G. sp.</i> 1976 Schopf, fig.9F 1977 Pant, fig.8E 1977 Schweitzer, fig.8A <i>G. immanis</i> Chandra et Surange 1977 1977 Chandra et Surange (c), fig.1A; pl.1, 2, 5 1978 Surange et Chandra, pl.1, 1 <i>G. orissiana</i> Surange et Chandra 1974 1977 Chandra et Surange (c), fig.1B 1978 Surange et Chandra, pl.3, 1 1980 Daber (a), fig.1D <i>G. utkalensis</i> Surange et Maheshwari 1970 1976 Schopf, fig.9E 1977 Chandra et Surange (c), fig.1C 1978 Surange et Chandra, pl.1, 2	(rec.) (rec. from Surange et Chandra, 1975) (rec.) India (West Bengal) (rec.) (scheme) India (Orissa) (scheme) India (Orissa) (scheme) India (Orissa)	 LGRani LG P LG
<i>Glottophyllum</i> Zalessky 1912		
<i>G. sp.</i> 1976 Durante, pl.55, 3, 4; pl.57, 4–5 (?) <i>G. cuneatum</i> Zalessky 1912 1976 Durante, pl.55, 5–7; pl.56, 6 <i>G. karpovii</i> Radchenko 1960 1976 Durante, pl.55, 8; pl.56, 7	Mongolia Mongolia Mongolia	UP UP UP
<i>Glyptolepis</i> Schimper 1870		
<i>G. hungarica</i> (Heer 1876) Florin 1944 1978 Miller, fig.2C <i>G. keuperiana</i> (Goeppert 1848) Schimper 1870–1872 1978 Miller, fig.2E	(rec. from Florin, 1951) (rec. from Florin, 1951)	(P–T) (P–T)
<i>Gnetopsis</i> Renault et Zeiller 1884		
<i>G. sp.</i> 1979 Taylor et Millay, fig.3D	(from Renault et Zeiller, 1884)	
<i>Gomphostrobus</i> Marion 1890		
<i>G. bifidus</i> (Geinitz 1873) Potonié 1891 1977 Tenchov (b), pl.4, 2	Bulgaria (Northwest)	LP
<i>Gondwanidium</i> Gothan 1927		
<i>G. sp.</i> 1976 Anderson et McLachlan, pl.1, 3 (cf.)	South Africa (Orange Free State)	K

1976 Anderson et McLachlan, pl.2, 13 (cf.)	South Africa (Cape Province)	K
1976 Balasundaram et al., pl.22, 3	(scheme)	
1976 Bohlin, figs.223 (cf.), 713 (cf.), 716; pl.14, 1 (cf.)	China (Kansu)	UC-LP
1979 Kovács-Endrödy, pl.1, A	South Africa (Transvaal)	P
<i>Gothanopteris Koidzumi 1936</i>		
<i>G. bosschana</i> (Jongmans et Gothan 1935) Koidzumi 1936		
1976 Asama, pl.30, 5	Indonesia (Sumatra)	LP
<i>Grammatopteris Renault 1891</i>		
<i>G. baldauffii</i> (Beck 1920) Hirmer 1927		
1976 Barthel et al., pl.2, 3	GDR (Karl-Marx-Stadt)	LPRotl
<i>Guizhoua Zhao 1980</i>		
<i>G. gregalis</i> Zhao 1980		
1980 Zhao et al., pl.23, 1, 2, 3–4 (spores in situ)	China (Guizhou/Yunnan)	UP
<i>Hagiophyton Corsin 1948</i>		
<i>H. sp.</i>		
1980 X, number "6" in fig.	(rec. from Corsin, 1948)	
<i>Henanophyllum Xi et Feng 1977</i>		
<i>H. palamifolium</i> Xi et Feng 1977		
1977 Feng et al., pl.248, 6, 7	China (Henan)	UP
<i>Heterangium Corda 1845</i>		
<i>H. sp.</i>		
1980 Tian et Zhang, pl.25, 6(?)	China (Guizhou)	UP
<i>Hirsutum Plumstead 1958</i>		
<i>H. sp.</i>		
1977 Pant, fig.9I–K	(from Plumstead, 1958)	
<i>Holcospermum Nathorst 1914</i>		
<i>H. sp.</i>		
1978 Gillespie et al., pl.37, 8; pl.47, 9, 10	USA (West Virginia)	UC-LP?
<i>H. sulcatum</i> (Presl 1838) Seward 1917		
1976 Barthel et al., pl.39, 4; pl.40, 10	GDR (Karl-Marx-Stadt)	LPRotl
<i>Huihuipuia Bohlin 1976</i>		
<i>H. reticulata</i> Bohlin 1976		
1976 Bohlin, fig.222; pl.13, 9, 10	China (Kansu)	UC-LP
<i>Indocarpus Surange et Chandra 1974</i>		
<i>I. sp.</i>		
1977 Pant, fig.6F	(from Surange et Chandra, 1975)	
<i>Iniopteris (Zalessky 1918) Zalessky 1934</i>		
<i>I. sp.</i>		
1976 Durante, pl.52, 5	Mongolia	UP
1980 Durante, fig.4	China (Xizang)	UP
<i>I. sibirica</i> Zalessky 1934		
1977 Huang, fig.7; pl.9, 1–3; pl.10, 2–3	China (Heilongjiang)	UP

Intia Nejburg 1958

<i>I. falciformis</i> Nejburg 1956 ex Nejburg 1960		
1978 Fefilova (b), fig.6; pl.5, 1, 2	USSR (Komi ASSR)	LPUfim
1978 Fefilova (b), pl.5, 3 (aff.)	USSR (Komi ASSR)	UPTata
<i>I. variabilis</i> Nejburg 1956		
1978 Fefilova (b), figs.3, 4; pls.2, 3	USSR (Komi ASSR)	LPUfim
<i>I. vermicularis</i> Nejburg 1958		
1978 Fefilova (b), fig.2; pl.1	USSR (Komi ASSR)	LPUfim
1979 Lacey, fig.1(3)	(from Nejburg, 1960)	
<i>I. vicaria</i> Fefilova 1978		
1978 Fefilova (b), fig.5, pl.4	USSR (Komi ASSR)	LPUfim

Isodictyopteridium Rigby 1972

<i>I. costatum</i> Holmes 1974		
1976 Schopf, fig.9A	Australia (New South Wales)	UP
<i>I. walkomii</i> Rigby 1972		
1978 Rigby (a), figs.17, 18	Australia (Queensland)	UP

Jaganovia Radchenko et Verbitskaya 1980

<i>J. ziminkensis</i> Verbitskaya 1980		
1980 Verbitskaya (a), fig.4; pl.4, 7, 8; pl.5, 1	USSR (Kemerovskaya oblast — Kuzbass —)	LP

Jambadostrobos Chandra et Surange 1977

<i>J. pretiosus</i> Chandra et Surange 1977		
1977 Chandra et Surange (e), figs.2, 4, 5, 6; pl.1; pl.2; pl.3, 13, 15–18; pl.5, 24	India (West Bengal)	UPRani
1977 Chandra et Surange, figs.7, 15B	(rec.)	
Remark: descr./ills. include cuticles and seeds <i>Platycardia bengalensis</i>		
Organic connection with <i>Glossopteris ghusikensis</i>		
1978 Surange et Chandra, pl.4, 2	(rec.)	
1979 Chandra et Surange, pl.14, 4, 7; pl.22, 9	India (West Bengal)	LGRani
Remark: organic connection with <i>Glossopteris tenuifolia</i>		

Junjagia Nejburg 1960

<i>J. glottophylla</i> Nejburg 1960		
1978 Fefilova (b), fig.18; pl.18	USSR (Komi ASSR)	LPUfim

Kamaraspermum Kern et Andrews 1946

<i>K. sp.</i>		
1976 Bohlin, fig.567	(from Kern et Andrews, 1946)	
Remark: in text <i>Camarospermum</i>		

Kashmiropteris Kapoor 1979

<i>K. meyenii</i> Kapoor 1979		
1979 Kapoor, pl.169, 1, 2	India (Jammu and Kashmir)	P

Kawizophyllum Kapoor 1979

<i>K. dunpathriensis</i> Kapoor 1979		
1979 Kapoor, pl.170, 2	India (Jammu and Kashmir)	P

Kendostrobos Surange et Chandra 1974

<i>K. sp.</i>		
1977 Pant, fig.8A	(rec. from Surange et Chandra, 1975)	

<i>K. cylindricus</i> Surange et Chandra 1974 1978 Surange et Chandra, pl.3, 4	India (West Bengal)	UPRani
<i>Knorria</i> Sternberg 1825		
<i>K. sp.</i> 1977 Feng et al., fig.101 1977 Feng et al., pl.233, 6 1979 He et al., pl.50, 5, 6	(scheme) China (Henan) China (Guizhou)	(C-P) UP UP
<i>Konnoa</i> Asama 1959		
<i>K. penchihuensis</i> Asama 1959 1979 Asama, fig.1(8) 1976 Asama, pl.29, 5 1979 Asama, fig.3(8) 1980 Asama, fig.5	(scheme) China (—) China (—) (scheme)	 UP P
<i>Koretrophyllites</i> Radchenko 1955		
<i>K. sp.</i> 1980 Andreis et al., pl.1, 1, 3, 4; pl.2, 2, 4 1980 Cazzulo-Klepzig et al. (b), pl.2, 8 <i>K. crassinervis</i> Broutin 1974 1977 De la Peña et al., pl.2, 3 <i>K. gracilis</i> Verbitskaya 1980 1980 Verbitskaya (b), pl.6, 2, 3	Brazil (Rio Grande do Sul) Brazil (Rio Grande do Sul) Spain (Soria) USSR (Kemerovskaya oblast — Kuzbass —)	LP LPSakm LPAutu LP
<i>K. latifolius</i> Verbitskaya et Radchenko 1980 1980 Verbitskaya (b), pl.6, 4, 5	USSR (Kemerovskaya oblast — Kuzbass —)	LP
<i>Kosjunia</i> Fefilova 1973		
<i>K. polyedra</i> Fefilova 1973 1978 Fefilova (b), fig.13a, v; pl.12, 2, 3 1978 Fefilova (b), fig.13b, g; pl.12, 1 <i>K. retusa</i> Fefilova 1973 1978 Fefilova (b), fig.14; pl.13	USSR (Komi ASSR) USSR (Komi ASSR) USSR (Komi ASSR)	LPUfim UPKaza LPUfim
<i>Lanceolatus</i> Plumstead 1952		
<i>L. sp.</i> 1977 Pant, fig.9H <i>L. lerouxides</i> Plumstead 1952 1976 Schopf, fig.1(“”))	(from Plumstead, 1958) (scheme)	
+ <i>Laxostrobus</i>		
<i>L. sp.</i> 1976 Durante, pl.71, 10–12 1978 Durante et Biterman, pl.23, 7	Mongolia USSR (Yakutskaya ASSR — Verkhoyansk —)	UP UP
<i>Lebachia</i> Florin 1938		
<i>L. sp.</i> 1976 Barthel (b), pl.3, 8 1976 Barthel et al., pl.41, 2 (cuti) 1978 Bariand et Pajaud, figs. p.18, 19 Remark: occurrence according to text Carboniferous 1979 Major, fig.212 1979 Yuasa, fig.5.6 1980 X, number “9” in fig.	GDR (Karl-Marx-Stadt) GDR (Karl-Marx-Stadt) France (scheme) (scheme from Florin, 1944) (rec. from Florin, 1938)	LPRotl LPRotl P (C-P)

L. frondosa (Renault 1885) Florin 1939–1945

1976 Barthel et al., pl.42, 1

1977 Tenchov (b), pl.4, 1, 6

L. goeppertiana Florin 1939–1945

1976 Barthel (b), pl.4, 2

1976 Barthel et al., pl.41, 3

1980 Bold et al., fig.24–31B

L. hypnoides (Brongniart 1849) Florin 1939–1945

1978 Remy et Remy (c), pl.8, 15

L. parvifolia Florin 1939–1945

1977 Tenchov (b), pl.3, 8; pl.4, 8

L. piniformis (Sternberg 1825) Florin 1938

1976 Harris, fig.2G, H

1976 Mundlos et al., fig. p.89

1976 Rothe, fig.23

1976 Teixeira et Pais, fig.39

1977 De la Peña et al., pl.2, 4, 5

1977 Krumbiegel et Walther, fig.2.101.1

1977 Krumbiegel et Walther, fig.2.101.3

1977 Remy et Remy, fig.43B

1977 Tenchov (b), pl.3, 3

1977 Vogellehner (a), fig. p.57

1977 Vogellehner (b), fig.2

1978 Doubinger et al., pl.2, 1–3

1978 Grauvogel-Stamm, fig.44C

1978 Miller, fig.1A

1978 Strasburger, fig.792A–C

1979 Asama, fig.12E, F

1979 Delevoryas, fig.10

1979 Richter, fig.170

1979 Richter, fig.174

1980 Kämpfe, fig.7.13.D

L. piniformis (Sternberg 1825) Florin 1938

var. *solmsii* Florin 1938

1980 Bold et al., fig.24–31A

L. speciosa Florin 1939–1945

1976 Daber et Helms, fig. p.75

GDR (Dresden) LPRotl
Bulgaria (Northwest) LP

GDR (Leipzig) LPRotl
GDR (Leipzig) LPRotl
(scheme from Florin)

Italy (Brescia) LPSaxo

Bulgaria (Northwest) LP

(scheme) (C–P)
GFR (Saarland) LPRotl
GDR (Erfurt) LPRotl
(from Emberger, 1968)

Spain (Soria) LPAutu
GDR (Erfurt) LPRotl

(rec. from Gothan et Weyland)
GDR (Suhl) LPAutu
Bulgaria (Northwest) LP
P

(from Mägdefrau, 1968)
Spain (Gerona) LPAutu
(scheme from Schweitzer, 1963) (UC–P)

(rec. from Florin, 1951)
(scheme from Florin)
(scheme from Florin, 1944)
(from Florin, 1944)
France (Hérault) LPAutu
France (Aveyron) LPAutu
(scheme from Zimmermann, 1959)

(rec. from Florin)

GFR (Saarland) UC–LP

***Lelstotheca* Maheshwari 1972**

Remark: substitute name for *Stellotheca*

Surange et Prakash 1962 non

Stellotheca Danzé-Corsin 1956.

See Farr et al. (1979 p.951)

L. robusta (Feistmantel 1880) Maheshwari 1972

1980 Retallack, fig.21.5D

Australia (New South Wales) L–UP

***Lepeophyllum* Zalesky 1933**

L. sp.

1976 Durante, pl.71, 9

1978 Remy et Remy (c), pl.7, 13–15(?)

1980 Goman'kov et Meien, fig.1(4)

L. actaeonelloides (Geinitz 1871) Zalesky 1933

1976 Durante, pl.71, 2, 3

L. belovoense Gorelova 1962

1976 Durante, pl.71, 4–8

L. gemmatum Zalesky 1933

1980 Huang, pl.259, 14–15; pl.260, 5–6

L. liaoningense Huang 1980

1980 Huang, pl.244, 8–9; pl.259, 13, 13A

Mongolia UP
Italy (Brescia) LPSaxo
(scheme)

Mongolia UP

Mongolia UP

China (Liaoning) UP

China (Liaoning) UP

<i>L. ovatum</i> Hu 1980		
1980 Hu, pl.1, 5, 5A	China (Xinjiang)	UP
<i>L. trigonum</i> Nejbürg 1965		
1977 Huang, pl.25, 4–5	China (Heilongjiang)	UP
1977 Zimina, pl.15, 10(?)	USSR (Primorskiy Kray)	LP
<i>Lepidodendron</i> Sternberg 1820		
<i>L. sp.</i>		
1976 Bohlin, fig.495	(from Gothan)	(C–P)
1976 Bohlin, fig.701	(scheme)	(C–P)
1976 Bohlin, fig.730	China (Chinghai)	UC–LP
1976 Bohlin, pl.30, 5–6, 9–11	China (–)	UC–LP
1976 Teixeira et Pais, fig.17	(rec.)	(C–P)
1976 Teixeira et Pais, fig.18	(scheme)	(C–P)
1977 Feng et al., fig.100	(rec.)	(C–P)
1978 Gillespie et al., fig.6	(rec.)	(UC–LP?)
1978 Ratkevich et La Fon, fig. p.49	USA (New Mexico)	LP
1978 Yuasa, fig.5.3	(scheme from Hirmer, 1927)	(C–P)
1980 Babin, fig.8.6A,B, 8.7	(scheme)	(D–P)
1980 Huang, pl.233, 5–7	China (Liaoning)	LP
1980 Tian et Zhang, fig.1	(rec.)	
1980 Tian et Zhang, pl.2, 3; pl.3, 1, 4, 4A	China (Guizhou)	UP
<i>L. aculeatum</i> Sternberg 1820		
1978 Gillespie et al., pl.11, 1	USA (West Virginia)	UC–LP?
1978 Gillespie et al., pl.11, 2	(scheme)	(UC–LP?)
<i>L. acutangulum</i> (Halle 1927) Stockmans et Mathieu 1957		
1977 Feng et al., pl.232, 7, 8	China (Guangdong)	UP
1978 Zhang, pl.150, 4	China (Guizhou)	UP
1980 Tian et Zhang, pl.2, 2, 4–7; pl.3, 2, 2A	China (Guizhou)	UP
1980 Zhao et al., pl.2, 1, 2; pl.5, 7	China (Guizhou/Yunnan)	UP
<i>L. carinum</i> Lee 1963		
1976 Huang, pl.204, 2, 2A	China (Inner Mongolia)	LP
<i>L. cervicisum</i> Sze 1954		
1977 Feng et al., pl.233, 3	China (Henan)	UP
<i>L. gaudryi</i> Renault 1888–1890		
1976 Bohlin, pl.30, 7, 8	(from Halle, 1927)	
<i>L. henanense</i> Feng 1977		
1977 Feng et al., pl.232, 4, 5	China (Henan)	LP
<i>L. incertum</i> Sze et Lee 1946		
1977 Feng et al., pl.234, 6	China (Henan)	LP
<i>L. latiligulatum</i> Bohlin 1976		
1976 Bohlin, figs.304–312, 317–334, 338, 339, 431, 433, 435, 436, 438, 441, 629; pl.18, 3–9; pl.19, 1–6; pl.31, 7, 8	China (Chinghai)	UC–LP
<i>L. lepidophloides</i> Yao 1980		
1980 Zhao et al., pl.3, 1, 1A, 2, 6	China (Guizhou/Yunnan)	UP
<i>L. oculus-felis</i> (Abbado 1900) Zeiller 1901		
1976 Bohlin, pl.30, 3–4	(from Halle, 1927)	
1977 Feng et al., pl.232, 6	China (Guangdong)	UP
1978 Zhang, pl.150, 6, 7	China (Guizhou)	UP
1980 Tian et Zhang, pl.2, 1	China (Guizhou)	UP
1980 Zhao et al., pl.2, 4–6	China (Guizhou/Yunnan)	UP
<i>L. pingdingshanense</i> Xi 1977		
1977 Feng et al., pl.233, 8	China (Henan)	LP
<i>L. polygonale</i> Gu et Zhi 1974		
1977 Feng et al., pl.233, 1	China (Henan)	UP
<i>L. posthumii</i> Jongmans et Gothan 1935		
1977 De la Peña et al., pl.2, 6; pl.3, 1, 2	Spain (Soria)	LP Autu

<i>L. tachingshanense</i> Lee 1963		
1976 Huang, pl.206, 1–2A	China (Inner Mongolia)	LP
<i>L. worthenii</i> Lesquereux 1866		
1978 Gillespie et al., pl.11, 7; pl.12, 2 (all cf.)	USA (West Virginia)	UC–LP?
<i>L. xingningense</i> Feng 1977		
1977 Feng et al., pl.233, 9, 10	China (Guangdong)	UP
<i>L. xuanweiense</i> Yao 1980		
1980 Zhao et al., pl.2, 3	China (Guizhou/Yunnan)	UP
<i>Lepidodendropsis</i> Lutz 1933		
<i>L. sp.</i>		
1978 Bohlin, figs.1–15(??)	Canada (–)	C?–P?
<i>Lepidophyllum</i> Brongniart 1828		
Remark: non <i>Lepidophyllum</i> Cassini 1816.		
See Farr et al. (1979, p.959)		
<i>L. sp.</i>		
1977 Huang, pl.23, 4–6	China (Heilongjiang)	UP
<i>Lepidopteris</i> Schimper 1869		
<i>L. ottonis</i> (Goeppert 1836) Schimper 1869		
1979 Delevoryas, fig.3A	(from Delevoryas, 1962)	(P–T)
<i>Lepidostrobus</i> Brongniart 1828		
<i>L. sp.</i>		
1980 Babin, fig.8.9	(scheme)	(D–P)
<i>L. acutisquamus</i> Yao 1980		
1980 Zhao, pl.2, 7, 8	China (Guizhou/Yunnan)	UP
<i>Lescuropteris</i> Schimper 1869		
<i>L. moorii</i> (Lesquereux 1858) Schimper 1869		
1977 Remy et Remy, fig.129A	USA (Pennsylvania)	LPAutu
1977 Remy et Remy, fig.129B	(scheme)	
1978 Gillespie et al., pl.49, 1, 2	USA (West Virginia)	UC–LP?
<i>Lesleya</i> Lesquereux 1880		
<i>L. sp.</i>		
1977 Appert, pl.6 (cf.)	Madagascar (Sakoa Basin)	LGTalc–Karh?
<i>L. eckhardtii</i> (Germar ex Kurtze 1839) Remy et Remy 1977		
1977 Remy et Remy, fig.69	(scheme)	
1978 Remy et Remy (c), pl.8, 10–11 (cf.)	Italy (Brescia)	LPSaxo
<i>L. gimmii</i> Remy et Remy 1978		
1978 Remy et Remy (a), fig.1; pl.16, 1–3	GFR (Bayern)	LPAutu
<i>Lidgettonia</i> Thomas 1958		
<i>L. sp.</i>		
1976 Schopf, fig.8B, C; pl.3, 2–5; pl.4, 6	South Africa (Natal)	P
1976 Schopf, fig.8D	(rec.)	
1977 Pant, fig.8I, J	(rec. from Surange et Chandra, 1975)	
1978 White, figs.52, 53	Australia (New South Wales)	UP
1978 White, fig.54	(rec.)	
Remark: organic connection with cupules		
<i>L. africana</i> Thomas 1958		
1976 Schopf, fig.8A; pl.3, 1	South Africa (Natal)	P
1977 Pant, fig.9F	(from Thomas, 1958)	
1979 Van Dijk et al., pl.46, 20–22	South Africa (Natal)	UP

<i>L. mucronata</i> Surange et Chandra 1974		
1977 Chandra et Surange (c), fig.2A	(scheme)	
1978 Srivastava, pl.2, 1	India (Orissa)	UPRani
1980 Daber (a), fig.1A	(scheme)	
<i>Lilpopia</i> Conert et Schaarschmidt 1970		
<i>L. crockensis</i> (Remy et Remy 1961) Conert et Schaarschmidt 1970		
1977 Remy et Remy, fig.248A–F, G (spore)	GDR (Suhl)	LPAutu
<i>Linophyllum</i> Zhao 1980		
<i>L. xuanweiense</i> Zhao 1980		
1980 Zhao et al., pl.22, 5, 5A	China (Guizhou/Yunnan)	UP
<i>Linopteris</i> Presl 1838		
<i>L. sp.</i>		
1976 Bohlin, figs.242, 269; pl.12, 14; pl.14, 5 (all ?)	China (Kansu)	UC–LP
1980 Huang, pl.240, 6	China (Liaoning)	LP
<i>L. semianastomosa</i> Tenchov 1977		
1977 Tenchov (a), pl.2, 2, 3	Bulgaria (Northwest)	LP
<i>Lobatannularia</i> Kawasaki 1927		
<i>L. sp.</i>		
1977 Feng et al., fig.105	(scheme)	
1978 Gillespie et al., pl.28, 5	USA (Texas)	P
1979 Asama, fig.5 (9–12)	(scheme)	(C–P)
<i>L. cathaysiana</i> Yao 1980		
1980 Zhao et al., pl.3, 3; pl.5, f.1–6	China (Guizhou/Yunnan)	UP
<i>L. ensifolia</i> (Halle 1927) Halle 1928		
1977 Feng et al., pl.238, 13	China (Henan)	UP
1978 Chen et al., pl.151, 2	China (Sichuan)	UP
<i>L. fusiformis</i> Zhang 1978		
1978 Zhang, pl.152, 2, 3	China (Guizhou)	UP
<i>L. heianensis</i> (Kodaira 1924) Kawasaki 1927		
1976 Asama, fig.1(21)	(scheme)	
1977 Feng et al., pl.238, 10, 11	China (Guangdong)	UP
1977 Feng et al., pl.238, 12	China (Henan)	UP
1977 Huang, pl.40, 2–3	China (Heilongjiang)	UP
1978 Chen et al., pl.150, 2; pl.152, 1	China (Sichuan)	UP
Remark: in text <i>L. peianensis</i>		
1978 Zhang, pl.152, 6	China (Guizhou)	UP
1979 Asama, fig.3(21)	(scheme)	
1980 Asama, fig.5	(scheme)	
1980 Huang, pl.225, 8–9 (cf.)	China (Liaoning)	UP
<i>L. huapingensis</i> Feng 1977		
1977 Feng et al., pl.237, 7	China (Guangdong)	UP
<i>L. lingulata</i> (Halle 1927) Halle 1928		
1976 Asama, fig.1(20)	(scheme)	
1977 Feng et al., pl.238, 1, 2	China (Henan)	UP
1978 Chen et al., pl.150, 3	China (Sichuan)	UP
1979 Asama, fig.3(20)	(scheme)	(C–P)
1980 Asama, fig.5	(scheme)	
1980 Huang, pl.219, 1–5	China (Liaoning)	UP
1980 Tian et Zhang, pl.5, 3; pl.6, 1, 4 (all cf.)	China (Guizhou)	UP
1980 Zhao et al., pl.5, 8	China (Guizhou/Yunnan)	UP
<i>L. longifolia</i> Feng 1977		
1977 Feng et al., pl.237, 5, 6	China (Guangdong)	UP

L. multifolia Konno et Asama 1950

1977 Feng et al., pl.237, 1-4	China (Guangdong)	UP
1977 Huang, pl.40, 4-6	China (Heilongjiang)	UP
1978 Chen et al., pl.151, 1	China (Sichuan)	UP
1978 Zhang, pl.152, 1	China (Guizhou)	UP
1980 Tian et Zhang, pl.5, 11 (cf.)	China (Guizhou)	UP
1980 Zhao et al., pl.6, 7-9	China (Guizhou/Yunnan)	UP
<i>L. sinensis</i> (Halle 1927) Halle 1928		
1976 Asama, fig.1(19)	(scheme)	
1977 Feng et al., pl.238, 8	China (Henan)	UP
1979 Asama, fig.3(19)	(scheme)	
1980 Asama, fig.5	(scheme)	

***Lopadiangium* Zhao 1980**

<i>L. acmodontum</i> Zhao 1980		
1980 Zhao et al., pl.23, 9-14	China (Guizhou/Yunnan)	UP

***Lophotheca* Zhao 1980**

<i>L. panxianensis</i> Zhao 1980		
1980 Zhao et al., pl.23, 5, 6, 7-8 (spores in situ)	China (Guizhou/Yunnan)	UP

***Lycopodiopsis* Renault 1890**

<i>L. sp.</i>		
1980 Lemoigne et Brown (b), figs.1, 2	(scheme)	
1980 Lemoigne et Brown, pl.1, 1-7; pl.2, 1-4; pl.5, 1-7; pl.7, 1	South Africa	LG
1980 Lemoigne et Brown, pl.6, 1-4; pl.7, 2, 3, 5	South Africa (Transvaal)	LG
Remark: descr./ills. include cuticles		
<i>L. costilatus</i> Lemoigne et Brown 1980		
1980 Lemoigne et Brown (a), pl.2, 6-10	Namibia (Kaoko Veld)	U?P
1980 Lemoigne et Brown (b), pl.8, 2-3	South Africa	LG
<i>L. derbyi</i> Renault 1890		
1979 Arrondo et Petriella, fig.1C; pl.1, 1-6	Argentina (Chubut; La Rioja)	C?-P
1980 Lemoigne et Brown (a), pl.1, 1-5	Namibia (Kaoko Veld)	U?P
1980 Lemoigne et Brown (b), pl.3, 1, 2;	South Africa	LG
1980 Lemoigne et Brown, pl.3, 3, 4; pl.4, 1-3; pl.7, 4, 6; pl.8, 1, 6	South Africa (Transvaal)	LG
Remark: descr./ills. include cuticles and spores		
<i>L. millanii</i> Arrondo et Petriella 1979		
1979 Arrondo et Petriella, fig.1D; pl.2, 1-5	Argentina (Chubut; La Rioja)	MC-LP
<i>L. pedroanus</i> (Carruthers 1869) Edwards 1952		
1979 Arrondo et Petriella, fig.1A, B; pl.3, 1-5	Argentina (Chubut; La Rioja; San Juan)	MC-LP

***Macrostachya* Schimper 1869**

<i>M. sp.</i>		
1976 Bohlin, figs.13-16, 29; pl.1, 11; pl.2, 11; pl.27, 1 (all cf.)	China (Kansu)	UC-LP
<i>M. carinata</i> (Germar 1851) Zeiller 1878		
1976 Barthel et al., fig.9, pl.29, 1-5	GDR (Karl-Marx-Stadt)	LPRotl
Remark: organic connection with <i>Calamites crassicaulis</i>		

***Marattiopsis* Schimper 1870**

<i>M. sp.</i>		
1980 El-Khayal et al., figs.2D, E	Saudi Arabia ('Unayzah)	UC-LP
<i>M. orientalis</i> Burago 1977		
1977 Burago, pl.23, 1-4; pl.24, 1-4; pl.25, 2, 4, 5; pl.26, 2, 3	USSR (Primorskiy Kray)	UP

Marginopteris* Sal'menova 1978M. kasachstanica* Sal'menova 1978

1978 Sal'menova, pl.12, 1–3

USSR (Kazakhstan)

LP

Mariopteris* Zeiller 1879M. crassipinnulata* Bohlin 19761976 Bohlin, figs.182, 186, 188, 191, 194; pl.11, 3,
11, 16, 17; pl.13, 6, 7; pl.27, 11; pl.32, 9, 18

China (Kansu)

UC–LP

M. yuemenensis Bohlin 1976

1976 Bohlin, fig.449; pl.12, 13 (all ?)

China (Kansu)

UC–LP

Masculostrobos* Seward 1911M. sp.*

1977 Jung, pl.18, 2, 5

Italy (Brescia)

UP

Medullosa* Cotta 1832M. sp.*

1976 Grzimek, fig.p.51

1976 Grzimek, fig.8.22

1976 Stewart, fig.2

1976 Stewart, figs.7–8, 10

M. elegans Cotta 1832

1885 Quenstedt, pl.96, 4

M. leuckartii Göppert et Stenzel 1881

1977 Krumbiegel et Walther, pl.51, 86

M. stellata Cotta 1832

1885 Quenstedt, pl.96, 5

1976 Barthel (b), pl.4, 10

1976 Barthel et al., pl.30, 5, 6

1976 Daber et Helms, fig. p.72

1977 Krumbiegel et Walther, pl.18, 31

1977 Remy et Remy, fig.33B (cf.)

1978 Daber et Helms, fig. p.174

– (UC–P)
(scheme) (C–P)

(scheme)

(diagram)

GDR (Karl-Marx-Stadt)

LPRotl

GDR (Karl-Marx-Stadt)

LPRotl

GDR (Karl-Marx-Stadt)

LPRotl

GDR (Karl-Marx-Stadt)

LPRotl

GDR (Karl-Marx-Stadt)

LPRotl

GDR (Karl-Marx-Stadt)

LP

GDR (Karl-Marx-Stadt)

LPRotl

GDR (Karl-Marx-Stadt)

LPAutu

GDR (Karl-Marx-Stadt)

LPRotl

***Mesocalamites* Hirmer 1927**+ *M. gigas* (Brongniart 1828)

1977 Remy et Remy, fig.215

GFR (Saarland)

LPAutu

Millaya* Mapes et Schabillion 1979M. tularosana* Mapes et Schabillion 1979

1978 Ratkevich et La Fon, fig. p.49

USA (New Mexico)

LP

Mixoneura* Weiss 1870M. sp.*

1976 Bohlin, figs.221, 224–226 (cf.); pl.11,

1 (cf.), 2, 4

China (Kansu)

UC–LP

Mooia* Lacey, Van Dijk et Gordon-Gray 1975M. lidgettonioides* Lacey, Van Dijk et Gordon-Gray 1975

1977 Pant, fig.6D, E

1978 Surange et Chandra, pl.2, 3

(from Lacey et al., 1975)

South Africa (Natal)

UP

Moyliostrobus* Miller et Brown 1973M. texanum* Miller et Brown 1973

1978 Miller, fig.1B

(rec. from Miller et Brown, 1973)

***Myeolontordoxylon* Mussa 1978**

<i>M. brasiliense</i> Mussa 1978	Brazil (São Paulo)	M-UP
1978 Mussa (c), pl.7, 39-45; pl.8, 46-48		
<i>M. vittii</i> Mussa 1978		
1978 Mussa (c), fig.3B	(rec.)	
1978 Mussa (c), fig.5; pl.4, 18-23; pl.5, 24-29; pl.6, 30-37	Brazil São Paulo)	M-UP

***Myeloxylon* Brongniart 1849**

<i>M. sp.</i>		
1977 Remy et Remy, fig.33C, D	GDR (Karl-Marx-Stadt)	LPAutu
1980 Rumpel, figs.1, 2	GFR (Bayern)	UC-P
<i>M. elegans</i> (Cotta 1832) Brongniart 1849		
1976 Barthel et al., pl.40, 8	GDR (Karl-Marx-Stadt)	LPRotl

***Nemejcopteris* Barthel 1968**

+ <i>N. feminaeformis</i> (Schlotheim 1804) Barthel 1968		
1976 Barthel (b), pl.1, 8; pl.2, 1; pl.3, 7, 10	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., pl.1, 3-4; pl.2, 6-8; pl.3, 1-7, 8 (cuti), 9, 10-12 (spore), 13-16; pl.4, 3-6	GDR (Karl-Marx-Stadt)	LPRotl
1976 Bohlin, figs.39-44, 105, 541, 719; pl.3, 2-4; pl.4, 1, 6	China (Kansu)	UC-LP
1977 Krumbiegel et Walther, fig.1.17	(rec. from Barthel)	
1977 Krumbiegel et Walther, pl.6, 10	GDR (Karl-Marx-Stadt)	LPRotl
1977 Remy et Remy, fig.125C	(scheme)	(C-P)
1978 Daber et Helms, figs. p.41, 190	(scheme)	(C-P)
1978 Daber et Helms, fig. p.173	GDR (Dresden)	C-P
1980 Barthel (c), pl.8, 1A, B, 2	GDR (Gera)	LPRotl

***Neocalamites* Halle 1908**

<i>N. mansfeldicus</i> Weigelt 1930		
1977 Krumbiegel et Walther, fig.2.103.8	GDR (Halle)	UPKupf
1977 Schaumberg, fig.2	GFR (Hessen)	UPKupf

***Neomariopteris* Maithy 1974**

<i>N. barakarensis</i> Srivastava 1978		
1978 Srivastava, fig.2; pl.2, 6-8	India (Bihar)	LPBara
<i>N. hughesii</i> (Feistmantel 1881) Maithy 1974		
1977 Srivastava (a), fig.1; pl.2, 7, 8	India (Bihar)	LGKarh
<i>N. kharii</i> Maithy 1977		
1977 Maithy (b), fig.1; pl.1, 1, 2	India (Orissa)	UPKamt
<i>N. lobifolia</i> (Morris 1845) Maithy 1974		
1977 Bose et al., fig.2A; pl.1, 7-8 (all ?, cf.)	India (Madhya Pradesh)	UP-LT
1980 Retallack, fig.21. 5H (""")	Australia (New South Wales)	L-UP
1980 Rigby et al., figs.2-6	Australia (New South Wales)	P
<i>N. polymorpha</i> (Feistmantel 1876) Maithy 1974		
1979 Chitnis et Vagyani, figs.1, 2; pl.1, 1	India (Maharashtra)	UP-LT

***Nephropsis* Zalesky 1912**

<i>N. sp.</i>		
1977 Correa da Silva et Arrondo, pl.1, 2 (cf.)	Brazil (Rio Grande do Sul)	LPSakm- Arti
1977 Zimina, pl.19, 10; pl.20, 8-10	USSR (Primorskiy Kray)	LP
1980 Cazzulo-Klepzig et al. (a), pl.3, 2 (cf.)	Brazil (Rio Grande do Sul)	LPSakm
<i>N. acuminata</i> Radchenko 1962		
1977 Zimina, pl.20, 7 (aff.)	USSR (Primorskiy Kray)	LP
<i>N. asiatica</i> Zimina 1969		
1977 Zimina, pl.18, 16; pl.19, 12-14	USSR (Primorskiy Kray)	LP
1978 Zimina, pl.2, 1-3	USSR (Primorskiy Kray)	LP

<i>N. cochlearis</i> Nejburg 1965		
1980 Huang, pl.248, 17	China (Heilongjiang)	LP
<i>N. elegans</i> Huang 1980		
1980 Huang, pl.248, 15	China (Heilongjiang)	LP
<i>N. integerrima</i> (Schmalhausen 1876) Zalesky 1912		
1977 Zimina, pl.20, 5–6, 11–12 (aff.)	USSR (Primorskiy Kray)	LP
<i>N. lampadiformis</i> (Gorelova 1962) Zimina 1969		
1977 Zimina, pl.18, 15	USSR (Primorskiy Kray)	LP
<i>N. pospeloviensis</i> Zimina 1969		
1977 Zimina, pl.15, 11; pl.18, 11, 12	USSR (Primorskiy Kray)	LP
1978 Zimina, pl.2, 6	USSR (Primorskiy Kray)	LP
<i>N. pseudosimilis</i> Burago 1979		
1979 Burago, pl.9, 4; pl.10, 2	USSR (Primorskiy Kray)	LP
<i>N. rhomboidea</i> Nejburg 1934		
1980 Huang, pl.248, 16	China (Heilongjiang)	LP
<i>Nesowalesia</i> Pant 1977		
<i>N. edwardsii</i> Pant 1977		
1977 Pant, fig.11A	Australia (New South Wales)	LG
<i>Neurodontopteris</i> Potonié 1893		
<i>N. sp.</i>		
1976 Bohlin, fig.220; pl.11, 8	China (Kansu)	UC–LP
<i>Neurophyllites</i> Zhang 1980		
<i>N. pecopteroides</i> Zhang 1980		
1980 Zhao et al., pl.14, 1–2B	China (Guizhou/Yunnan)	UP
<i>Neuropteridium</i> (Schimper 1869) Weiss 1869		
<i>N. coreanicum</i> Koiwai 1927		
1977 Feng et al., pl.243, 10	China (Guangdong)	UP
1978 Chen et al., pl.152, 4–5	China (Sichuan)	UP
1978 Zhang, pl.158, 4	China (Guizhou)	UP
<i>N. guizhouense</i> Zhang 1980		
1980 Zhao et al., pl.14, 3, 3A	China (Guizhou/Yunnan)	UP
Remark: Same species as <i>N. guizhouensis</i>		
Zhang 1978?		
<i>N. guizhouensis</i> Zhang 1978		
1978 Zhang, pl.158, 1	China (Guizhou)	UP
<i>N. nervosum</i> Halle 1927		
1977 Feng et al., pl.243, 3–4(?)	China (Guangxi)	UP
<i>N. polymorphum</i> Halle 1927		
1977 Feng et al., pl.243, 1	China (Guangdong)	UP
<i>N. tieyingensis</i> Huang 1980		
1980 Huang, fig.32; pl.224, 1–3; pl.225, 1–2	China (Liaoning)	UP
<i>Neuropteris</i> Sternberg 1825		
<i>N. sp.</i>		
1976 Bohlin, figs.208–211, 214, 216–219, 220 bis(?), 227, 516, 552, 556, 720, 722; pl.10, 6–11; pl.11, 7, 14 (cf.); pl.12, 10–11	China (Kansu)	UC–LP
1976 Bohlin, figs.228 (aff.), 390, 399–422, 442, 457, 637–640; pl.22, 9–11; pl.23, 7–8; pl.24, 10–13; pl.29, 9 (cf.); pl.30, 16	China (Chinghai)	UC–LP
1977 Minato, pl.4–1, 3; 4–2, 1, 2	Chile (Valdivia)	UC–LP?
1979 Major, fig.206	(scheme)	(C–P)

1979 Yuasa, fig.3.10/11	(scheme from Stewart et Delevoryas, 1956)	(C + P)
Remark: in text <i>Nouropteris</i>		
<i>N. auriculata</i> Brongniart 1830		
1977 Tenchov (a), pl.3, 1	Bulgaria (Northwest)	LP
<i>N. cordata</i> Brongniart 1830		
1976 Barthel (b), pl.2, 9, 10	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., fig.11: pl.32, 1 6, 7-10 (cuti); pl.34, 1 10, 11 (cuti)	GDR (Karl-Marx-Stadt)	LPRotl
<i>N. dagangensis</i> Huang 1980		
1980 Huang, fig.30; pl.221, 1 3	China (Jilin)	LP
<i>N. daheshenensis</i> Huang 1980		
1980 Huang, fig.31	(scheme)	
1980 Huang, pl.250, 1 3; pl.251, 1 4	China (Jilin)	LP
1980 Huang, pl.251, 5, 5A	China (Heilongjiang)	LP
<i>N. fimbriata</i> Lesquereux 1860		
1978 Gillespie et al., pl.43, 3, 4	USA (West Virginia)	UC -LP?
<i>N. neuropteroides</i> (Goeppert 1836) Zeiller 1907		
Remark: in text <i>N. neuropteroides</i> (Goeppert 1836) Barthel		
1976 Barthel (b), pl.4, 9	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., fig.12; pl.35, 1 4 (cuti), 5 12	GDR (Karl-Marx-Stadt)	LPRotl
1979 Doubinger et Alvarez-Ramis, pl.2, 2, 2A	France (Vosges)	LPAutu
<i>N. ovata</i> Hoffmann 1826		
1978 Gillespie et al., pl.41, 1	(scheme)	(UC -LP?)
1978 Gillespie et al., pl.43, 1, 2	USA (West Virginia)	UC -LP?
<i>N. planchardii</i> Zeiller 1888		
1976 Barthel et al., pl.32, 1 2 (cuti), 3, 4 (cuti); pl.39, 10 (cuti)	GDR (Karl-Marx-Stadt)	LPRotl
1977 Tenchov (a), pl.3, 4 (cf.)	Bulgaria (Northwest)	LP
<i>N. pseudovata</i> Gothan et Sze 1933		
1976 Bohlin, figs.207, 212, 213, 215; pl.10, 4 5; pl.11, 5 -6; pl.12, 4 (all cf.)	China (Kansu)	UC -LP
<i>N. scheuchzeri</i> Hoffmann 1823 1829		
1978 Gillespie et al., pl.2, 1; pl.42, 1 8; pl.46, 8	USA (West Virginia)	UC -LP?
<i>Niazonaria</i> Radchenko 1933		
<i>N. sp.</i>		
1976 Durante, pl.71, 1(?)	Mongolia	UP
<i>Nilsonia</i> Brongniart 1825		
Remark: commonly spelled <i>Nilssonina</i> . See Farr et al. (1979, p.1177)		
<i>N. sp.</i>		
1980 Tian et Zhang, pl.14, 3	China (Guizhou)	UP
<i>N. hongshanensis</i> Huang 1977		
1977 Huang, fig.17; pl.14, 1 4	China (Heilongjiang)	UP
<i>N. huabeiensis</i> Gu et Zhi 1974		
1980 Huang, pl.239, 8 10A	China (Liaoning)	LP
<i>Noeggerathia</i> Sternberg 1821		
<i>N. zamitoides</i> Sterzel 1909		
1976 Barthel et al., pl.30, 11, 12	GDR (Karl-Marx-Stadt)	LPRotl
<i>Noeggerathiopsis</i> Feistmantel 1879		
<i>N. sp.</i>		
1976 Balasundaram et al., pl.22, 12	(scheme)	
1976 Lele (b), fig.2	(scheme)	
1977 Bernardes de Oliveira et Da Silva Pontes, figs.4 5(?); pl.3, 2 3(?)	Brazil (Santa Catarina)	LPArti

<i>N. aequalis</i> (Göppert 1845) Zalesky 1918		
1980 Huang, pl.249, 7–8 (cf.)	China (Heilongjiang)	LP
<i>N. angustifolia</i> Nejbura 1948		
1977 Huang, pl.26, 4 (cf.)	China (Heilongjiang)	UP
1980 Huang, pl.249, 10–11 (cf.)	China (Heilongjiang)	UP
<i>N. batschatensis</i> Radchenko 1955		
1977 Huang, pl.43, 4–5	China (Heilongjiang)	LP
1980 Huang, pl.249, 9 (cf.)	China (Heilongjiang)	LP
Remark: in text <i>N. batshatensis</i>		
<i>N. brevifolia</i> Gorelova 1960		
1980 Huang, pl.248, 9	China (Heilongjiang)	LP
<i>N. densinervis</i> Maithy 1965		
1977 Srivastava (a), fig.6; pl.1, 3	India (Bihar)	LGGKrh
<i>N. derzavini</i> (Nejbura 1936) Nejbura 1948		
1977 Huang, pl.42, 1–3; pl.43, 3	China (Heilongjiang)	LP
1980 Huang, pl.249, 1–2	China (Heilongjiang)	LP
<i>N. ensiformis</i> Zalesky 1937		
1980 Huang, pl.249, 3–5	China (Heilongjiang)	LP
+ <i>N. hislop</i> (Bunbury 1881) Feistmantel 1879		
1976 Gould, fig.4F, G	(scheme from Walkom, 1921)	
1977 Appert, pl.33; pl.34, 1–3	Madagascar (Sakoa Basin)	LGGKrh–Bara?
1977 Bernardes de Oliveira et Da Silva Pontes, figs.2, 3; pl.1, 1–5; pl.2, 1–5; pl.3, 1, 4	Brazil (Santa Catarina)	LPAr
1977 Correa da Silva et Arrondo, pl.2, 4	Brazil (Rio Grande do Sul)	LPSakm–Ar
1978 Cazzulo-Klepzig, pl.3, 6	Brazil (Santa Catarina)	UPKaza–Tata
Remark: in text pl.11, 1.		
<i>N. insignis</i> Radchenko 1940		
1977 Huang, pl.32, 2; pl.41, 3–5	China (Heilongjiang)	UP
<i>N. kryshstofovichii</i> Radchenko 1955		
1980 Huang, pl.248, 11–12 (cf.)	China (Heilongjiang)	LP
<i>N. latifolia</i> Nejbura 1948		
1977 Huang, pl.8, 4–5 (cf.)	China (Heilongjiang)	LP
<i>N. lianzhushanensis</i> Huang 1980		
1980 Huang, pl.248, 7, 13–14	China (Heilongjiang)	UC–LP
<i>N. mishanensis</i> Huang 1980		
1980 Huang, fig.46; pl.248, 10	China (Heilongjiang)	P
<i>N. obovata</i> Nejbura 1965		
1977 Huang, pl.33, 4	China (Heilongjiang)	LP
<i>N. spathulata</i> (Dana 1849) Maithy 1965		
Remark: in text <i>N. spatulata</i>		
1980 Retallack, fig.21.5N	Australia (New South Wales)	L–UP
<i>N. synensis</i> Zalesky 1930		
1980 Huang, pl.258, 4	China (Heilongjiang)	UP
<i>N. theodori</i> Zalesky et Chirkova 1930		
1980 Huang, pl.247, 5	China (Heilongjiang)	LP
<i>N. tieliensis</i> Huang 1977		
1977 Huang, pl.25, 3; pl.43, 1–2	China (Heilongjiang)	UP
<i>N. xinganensis</i> Huang 1977		
1977 Huang, fig.16; pl.43, 6	China (Heilongjiang)	UP
<i>Nucicarpus</i> Nejbura 1965		
<i>N. piniformis</i> Nejbura 1965		
1977 Mejen, pl.7, 14, 15	USSR (Komi ASSR — Pechora Basin —)	UP
<i>Nummulospermum</i> Walkom 1921		
<i>N. sp.</i>		
1976 Schopf, pl.5, 1–2(?)	Antarctica (Queen Alexandra Range)	P

***Odontopteris* (Brongniart 1822) Sternberg 1825**

<i>O. aequalis</i> Lesquereux 1866		
1978 Gillespie et al., pl.48, 1, 5	USA (West Virginia)	UC-P
<i>O. brardii</i> (Brongniart) 1825		
1978 Gillespie et al., pl.48, 2	(scheme)	(UC-P)
1978 Gillespie et al., pl.48, 3, 4, 6-8	USA (West Virginia)	UC-P
<i>O. chui</i> Lee 1963		
1980 Huang, pl.241, 5, 5A	China (Liaoning)	LP
<i>O. gimmeri</i> Remy et Remy 1958		
1977 Sopena et al., fig.4.4	Spain (Guadalajara)	LPAutu
<i>O. henanensis</i> Xi 1977		
1977 Feng et al., pl.240, 2	China (Henan)	LP
<i>O. laceratifolia</i> Halle 1927		
1976 Bohlin, figs.285, 578; pl.15, 15 (all cf.,?)	China (Chinghai)	UC-LP
<i>O. lingulata</i> (Göppert 1846) Schimper 1869		
1976 Barthel et al., pl.30, 1	GDR (Leipzig)	LPRotl
1976 Barthel et al., pl.38, 10	GDR (Karl-Marx-Stadt)	LPRotl
1977 Remy et Remy, fig.169A	GFR (Rheinland-Pfalz)	LPAutu
1977 Remy et Remy, fig.169B, C	(scheme from Gothan et Remy, 1957)	
<i>O. orbicularis</i> Halle 1927		
1977 Feng et al., pl.240, 3, 4	China (Henan)	LP
+ <i>O. osmundaeformis</i> (Schlotheim 1804) Zeiller 1879-1880		
1977 Remy et Remy, fig.170A, B	GDR (Gera)	LPAutu
<i>O. schlotheimii</i> Brongniart 1828		
1885 Quenstedt, pl.90, 19	GDR (Gera)	LPRotl
<i>O. xinganensis</i> Huang 1977		
1977 Huang, fig.24; pl.24, 2 (all ""?)	China (Heilongjiang)	UP
<i>O. ziyangensis</i> Feng 1977		
1977 Feng et al., pl.240, 7	China (Henan)	LP

***Oligocarpia* Göppert 1841**

<i>O. sp.</i>		
1977 Remy et Remy, fig.58	(scheme)	(C-P)

***Osmundacaulis* Miller 1967**

<i>O. stumkei</i> Erasmus 1977(?)		
1979 Heron, fig. p.2	South Africa (Zululand)	P

***Otofolium* Gu et Zhi 1974**

<i>O. ovatum</i> Gu et Zhi 1974		
1977 Feng et al., pl.252, 4	China (Guangdong)	UP
1977 Feng et al., pl.252, 5	China (Henan)	UP
1978 Zhang, pl.165, 12, 13	China (Guizhou)	UP
1980 Zhao et al., pl.22, 3, 3A	China (Guizhou/Yunnan)	UP
<i>O. polymorphum</i> Gu et Zhi 1974		
1977 Feng et al., pl.252, 6	China (Guangdong)	UP

***Ottokaria* Zeiller 1902**

<i>O. sp.</i>		
1976 Balasundaram et al., pl.22, 10	(scheme)	
1976 Schopf, fig.2(“”)	(rec.)	
1977 Pant, fig.10E-G	(rec. from Pant et Nautiyal)	
1977 Pant, fig.10H-I	(rec. from Surange et Chandra, 1975)	
1977 Pant, fig.11C-F (cuti; pollen)	India	LGKarh
Remark: organic connection with <i>Glossopteris</i>		
1977 Schweitzer, fig.8B	(rec.)	

1978 Banerjee (b), fig.19A–C	(rec.)	
1978 White, figs.63, 64	Australia (New South Wales)	UP
<i>O. bengalensis</i> Zeiller 1902		
1976 Schopf, fig.1(“”)	(scheme)	
1976 Schopf, fig.2	(rec.)	
1976 Schopf, fig.3F	(from Mukherjee et al., 1966)	
1976 Schopf, fig.4A–B (cf.)	Argentina (Buenos Aires)	P
1977 Pant, fig.12A–C	India	LGKarh
Remark: organic connection with seeds and <i>Glossopteris indica</i>		
Fig.12A is Zeiller's holotype		
1978 Banerjee (b), figs.1A–C, 2–9	India (Bihar)	LGKarh
Remark: descr./ills. include cuticles and associated pollen grains: <i>Virkkipollenites obscurus</i> Lele 1964		
1979 Chandra et Surange, pl.13, 7	India (Bihar)	LGKarh
Remark: organic connection with <i>Glossopteris communis</i>		
<i>O. biharensis</i> Srivastava 1978		
1978 Srivastava, fig.3; pl.2, 9–11	India (Bihar)	LPBara
<i>O. raniganjensis</i> Banerjee 1978		
1978 Banerjee (b), figs.10A–F, 11–18	India (West Bengal)	UPRani
Remark: descr./ills. include cuticles and seeds. Seeds contain monosaccate pollen grains of <i>Virkkipollenites</i> Lele 1964		
1979 Banerjee, pl.49, 1–3, 4–5 (seed), 6–8; pl.53, 1–3, 4–5 (seed)	India (West Bengal)	UPRani
1979 Banerjee, pl.53, 6–7	(rec.)	
Remark: descr./ills. includes cuticles. According to text <i>O. raniganjensis</i> Banerjee 1975		
<i>Pachytesta</i> Brongniart 1874		
<i>P. sp.</i>		
1976 Barthel et al., pl.39, 1	GDR (Leipzig)	LPRotl
<i>Palaeogoniopteris</i> Koidzumi 1936		
<i>P. menkarangensis</i> (Jongmans et Gothan 1935) Koidzumi 1936		
1976 Asama, pl.30, 4	Indonesia (Sumatra)	LP
<i>Palaeosmunda</i> Gould 1970		
<i>P. sp.</i>		
1980 Gould et Shibaoka, fig.6H	(scheme)	
<i>P. playfordii</i> Gould 1970		
1980 Bold et al., fig.19–67	(scheme from Gould)	
<i>Palaeospiroxylon</i> Prasad et Chandra 1980		
<i>P. heterocellularis</i> Prasad et Chandra 1980		
1980 Prasad et Chandra, fig.1A–L; pl.1, 1–13	India (West Bengal)	UPRani
<i>Palaeostachya</i> Weiss 1876		
<i>P. sp.</i>		
1977 Feng et al., fig.106	(rec.)	(C–P)
1977 Remy et Remy, fig.234A	(scheme)	(C–P)
1979 Yuasa, fig.4.3	(scheme from Baxter, 1955)	(C–P)
<i>P. superba</i> (Weiss 1884) Jongmans et Kukuk 1913		
1976 Barthel et al., pl.26, 11, 12 (spore)	GDR (Karl-Marx-Stadt)	LPRotl

P. thuringiaca (Weiss 1876) Barthel 1980

1980 Barthel (a), fig.92

(scheme)

1980 Barthel (a), figs.94 (1–3), 97 (4, 5)

GDR (Gera)

LPRotl

Remark: fig.97(4) is the specimen originally figured by
 Schlotheim (1804: pl.1, 2) as *Calamites interruptus*.
 Fig.97(5), the lectotypus of *Palaeostachya thuringiaca*,
 was originally figured by Weiss
 (1876: pl.2, 4) as "*Stachannularia*
 (?) *thuringiaca*"

Palaeovittaria* Feistmantel 1877P. sp.*

1976 Balasundaram et al., pl.22, 8

(scheme)

1976 Lele (b), fig.2

(scheme)

1977 Zimina, pl.3, 5, 6

USSR (Primorskiy Kray)

UP

***Palaeoxylon* Brongniart 1849**Remark: non *Palaeoxylon* Hartig 1848.

See Farr et al. (1979, p.1245)

P. sp.

1977 Marguerier, pl.1, 3

France (Saône-et-Loire)

LP

Palmatophyllites* Maithy 1965P. wardii* (Zeiller 1902) Maithy 1977

1977 Maithy (c), pl.1, 1

India (Bihar)

UPKarh

Paracalamites* Zalessky 1932P. sp.*

1977 Brown, figs.1–3

Namibia (–)

P

1979 Rösler, fig.4(7)

(scheme)

1980 Tian et Zhang, fig.17

China (Guizhou)

UP

P. australis Rigby 1966

1977 Correa da Silva et Arrondo, pl.2, 5 (cf.)

Brazil (Rio Grande do Sul)

LPSakm–Arti

1978 Cazzulo-Klepzig, fig.4A, B; pl.3, 2

Brazil (Santa Catarina)

UPKaza–Tata

Remark: in text fig.4A, B; pl.4, 1–2

1978 Correa da Silva, pl.5, 7

Brazil (Rio Grande do Sul)

LPSakm

1980 Cazzulo-Klepzig et al. (a), fig.1 (cf.); pl.3, 13

Brazil (Rio Grande do Sul)

LPSakm

1980 Cazzulo-Klepzig et al. (b), pl.2, 9

Brazil (Rio Grande do Sul)

LPSakm

1980 Guerra-Sommer et al., pl.1, 1 (cf.)

Brazil (Rio Grande do Sul)

LPSakm

P. crassus Gorelova 1973

1979 Burago, pl.6, 1, 2; pl.7, 1

USSR (Primorskiy Kray)

LP

P. decoratus (Eichwald 1860) Zalessky 1927

1979 Burago, pl.7, 5

USSR (Primorskiy Kray)

LP

P. stenocostatus Gu et Zhi 1974

1977 Feng et al., pl.236, 10

China (Guangdong)

UP

1978 Chen et al., pl.150, 5

China (Sichuan)

UP

1978 Zhang, pl.151, 4

China (Guizhou)

UP

1980 Tian et Zhang, pl.5, 2; pl.6, 2, 3, 5

China (Guizhou)

UP

1980 Zhao et al., pl.3, 4, 4A; pl.4, 1, 2

China (Guizhou/Yunnan)

UP

Paracalamostachys* Weiss 1884P. heterospora* Remy et Remy 1958

1980 Barthel (a), fig.96(6, 7–8 (spores))

GDR (Suhl)

LPRotl

Paracordaites*P. sp.*

1977 De la Peña et al., pl.3, 3

Spain (Soria)

LPAutu

Paranocladus* Florin 1940P. fallax* Florin 1940

1978 Fittipaldi et Rösler, pl.1, 1–7(?)

Remark: descr./ills. include cuticles

Brazil (Paraná)

LP

Paraschizoneura* Radchenko 1956P. sibirica* (Nejburg 1948) Radchenko 1956

1980 Huang, pl.220, 1–4

China (Jilin)

UP

Parasphenophyllum* Asama 1970P. crenulatum* Maithy 1978

1978 Maithy, pl.2, 11, 12

India (West Bengal)

UPRani

Parataxopitys* Maniero 1951P. americana* Maniero 1951

1978 Mussa (a), fig.2E

(scheme from Maniero, 1951)

P

Paratordoxylon* Mussa 1978P. camposi* Mussa 1978

1978 Mussa (c), fig.3C

1978 Mussa (c), fig.6; pl.8, 49–51; pl.9, 52–55;

pl.10, 56–60; pl.11, 61–64

(rec.)

Brazil (São Paulo)

M–UP

Paratrizygia* Asama 1970P. rhodesii* (Rigby 1966) Maithy 1978

1978 Maithy, pl.2, 10

India (–)

LPBara

Partha* Surange et Chandra 1973P. sp.*

1977 Pant, fig.8D

(rec. from Surange et Chandra, 1975)

P. belmontensis White 1978

1978 White, figs.36–40

1978 White, fig.44

Remark: organic connection with cupulate seeds

P. indica (Surange et Maheshwari 1970) Surange et Chandra 1973

1977 Chandra et Surange (c), fig.2C

1980 Daber (a), fig.1C

P. sessilis White 1978

1978 White, fig.41

1978 White, fig.44

Remark: organic connection with cupulate seed

P. spathulata Surange et Chandra 1973

1977 Chandra et Surange (c), fig.2B; pl.1, 3

Remark: in text *P. spatulata*

1978 Surange et Chandra, pl.2, 4

(scheme)

(scheme)

Australia (New South Wales)

(rec.)

UP

India (–)

P

India (Orissa)

UPRani

Pecopteris* (Brongniart 1822) Sternberg 1825P. sp.*

1976 Barthel (b), pl.3, 5

1976 Barthel et al., pl.11, 13

1976 Bohlin, figs.45–104, 105–165, 167–175, 180, 204, 259, 496, 500,

503, 504, 506–513, 517, 532, 533, 535–539, 542–544, 546–549, 551,

553–555, 557, 610, 613, 615, 616, 684–686, 688, 689, 696, 697, 706,

712, 718, 721, 725; pl.4, 3–5, 7–9; 5–8; pl.9, 1–2, 10–14;

pl.10, 1–3, 12; pl.11, 9; pl.12, 15; pl.28, 1, 2; pl.29, 3–5; pl.30, 1;

pl.31, 1, 2, 4, 5, 9, 10, 12–16, 18, 19; pl.32, 19.20 (partly cf.?)

GDR (Karl-Marx-Stadt)

GDR (Karl-Marx-Stadt)

LPRotl

LPRotl

China (Kansu)

UC–LP

1976 Bohlin, figs.283, 284, 385, 455, 460, 468, 579–581, 604, 624, 625, 652, 676; pl.17, 11; pl.21, 2; pl.26, 8; pl.31, 17; pl.32, 15 (partly cf.?)	China (Chinghai)	UC-LP
1976 Lele (a), fig.4	(scheme)	
1978 Cazzulo-Klepzig, fig.7B, C; pl.2, 5; pl.3, 4A, 5B Remark: in text fig.7B,C; pl.8, 1A; pl.9, 1	Brazil (Santa Catarina)	UPKaza-Tata
1978 Daber et Helms, fig. p.36	(scheme)	(C-P)
1979 Kapoor, pl.170, 1	India (Jammu and Kashmir)	P
1979 Rösler, fig.4(2)	(scheme)	
1979 Yuasa, fig.3.5	(scheme from Kon'no, 1970)	(C-P)
1980 El-Khayal et al., fig.2C <i>P. anbangensis</i> Huang 1977	Saudi Arabia ('Unayzah)	UC-LP
1977 Huang, fig.4; pl.5, 1–4; pl.27, 4 <i>P. anderssonii</i> Halle 1927	China (Heilongjiang)	UP
1976 Huang, pl.218, 3	China (Inner Mongolia)	LP
1977 Feng et al., pl.243, 12 <i>P. anthriscifolia</i> (Göppert 1845) Zalessky 1918	China (Guangdong)	UP
1976 Durante, pl.22, 1–6 (aff.); pl.23, 2 (ex gr.)	Mongolia	UP
1976 Huang, pl.216, 4, 4A <i>P. arborescens</i> Sternberg 1825	China (Inner Mongolia)	UP
1977 Feng et al., pl.242, 1, 2	China (Guangdong)	UP
1977 Krumbiegel et Walther, fig.2.96.12	(scheme)	
1978 Gillespie et al., pl.31, 10; pl.32, 9 <i>P. arcuata</i> Halle 1927	USA (West Virginia)	UC-LP?
1976 Huang, pl.218, 2, 2A	China (Inner Mongolia)	LP
1980 Tian et Huang, pl.8, 1–3, 5; pl.9, 2, 3 <i>P. bobrovii</i> Bobrov et Nejburg 1957	China (Guizhou)	UP
1976 Durante, fig.28; pl.19, 1–4; pl.20, 1, 2 <i>P. cambuhyensis</i> Read 1941	Mongolia	UP
Remark: in text <i>P. cambuhyensis</i>		
1979 Rösler, fig.6 <i>P. candolleana</i> Brongniart 1828	Brazil (Paraná)	LP
1977 Krumbiegel et Walther, fig.2.96.15	(scheme)	
1978 Gillespie et al., pl.31, 2	(scheme)	
1978 Gillespie et al., pl.32, 3, 6	USA (West Virginia)	UC-LP?
1980 Huang, pl.230, 1–8 + <i>P. cyathea</i> (Schlotheim 1804) Brongniart 1828	China (Liaoning)	L-UP
1977 Huang, pl.3, 3 (cf.)	China (Heilongjiang)	UP
1978 Gillespie et al., pl.31, 11	USA (West Virginia)	UC-LP?
1978 Zhang, pl.155, 3 (cf.)	China (Guizhou)	UP
1980 Huang, pl.228, 2–3A <i>P. deducans</i> Huang 1977	China (Liaoning)	UC-LP
1977 Huang, fig.5; pl.20, 2–3 <i>P. densifolia</i> (Göppert 1864) Weiss 1869	China (Heilongjiang)	UP
1980 Huang, pl.229, 5–6 <i>P. dissimilaris</i> Burago 1980	China (Liaoning)	LP
1980 Burago (b), fig.10; pl.13, 3 <i>P. echinata</i> Gu et Zhi 1974	USSR (Primorskiy Kray)	UP
1978 Zhang, pl.155, 1	China (Guizhou)	UP
1980 Zhao et al., pl.8, 1, 1A <i>P. elegantula</i> Zhang 1980	China (Guizhou/Yunnan)	UP
1980 Zhao et al., pl.9, 1–2B + <i>P. feminaeformis</i> (Schlotheim 1804) Sterzel 1880	China (Guizhou/Yunnan)	UP
1976 Huang, pl.215, 3, 4	China (Inner Mongolia)	LP
1978 Gillespie et al., pl.31, 9; pl.32, 4 <i>P. fuyuanensis</i> Zhang 1980	USA (West Virginia)	UC-LP?
1980 Zhao et al., pl.9, 3; pl.10, 1 + <i>P. gigantea</i> (Schlotheim 1820) Brongniart 1828	China (Guizhou/Yunnan)	UP
1885 Quenstedt, pl.91, 17	GFR (Saarland)	LP

<i>P. guizhouensis</i> Chang MS ex Zhang 1978		
1978 Zhang, pl.154, 4, 5	China (Guizhou)	UP
1980 Zhao et al., pl.8, 2-3; pl.10, 2-5	China (Guizhou/Yunnan)	UP
Remark: in text <i>P. guizhouensis</i> Zhang 1980		
<i>P. hemitelioides</i> Brongniart 1833		
1977 Feng et al., pl.242, 4	China (Guangdong)	UP
1977 Krumbiegel et Walther, fig.2.96.16	(scheme)	
1978 Gillespie et al., pl.31, 4	(scheme)	(UC-LP?)
1978 Gillespie et al., pl.32, 8	USA (West Virginia)	UC-LP?
1978 Zhang, pl.154, 1	China (Guizhou)	UP
1979 Vozenin-Serra, pl.2, 7, 8	Laos (-)	P
1980 El-Khayal et al., fig.2F	Saudi Arabia ('Unayzah)	UC-LP
<i>P. heteropinna</i> (Yabe et Shimakura 1940) Gu et Zhi 1974		
1978 Zhang, pl.154, 3	China (Guizhou)	UP
<i>P. hirta</i> Halle 1927		
Remark: in text <i>P. hiata</i>		
1977 Feng et al., pl.240, 10	China (Guangdong)	UP
<i>P. hongshanensis</i> Huang 1977		
1977 Huang, pl.2, 4; pl.3, 4-6; pl.4, 1-5	China (Heilongjiang)	UP
<i>P. integra</i> (Andrae 1849) Schimper 1869		
1976 Barthel et al., pl.11, 9, 10	GDR (Karl-Marx-Stadt)	LPRotl
<i>P. julii</i> Radchenko 1936		
1976 Durante, pl.24, 1-2 (cf.)	Mongolia	UP
<i>P. lamuriana</i> Heer 1865		
1977 Broutin, pl.2, 2	Spain (Sevilla)	UCStep?-LPAutu?
1978 Gillespie et al., pl.31, 8	USA (West Virginia)	UC-LP?
<i>P. lativenosa</i> Halle 1927		
1976 Huang, pl.216, 8	China (Inner Mongolia)	L-UP
1978 Zhang, pl.154, 2	China (Guizhou)	UP
<i>P. laxifolia</i> Nejbürg 1948		
1976 Durante, pl.20, 6 (aff.)	Mongolia	UP
<i>P. leninskiensis</i> (Khakhlov 1931) Radchenko 1936		
1976 Durante, pl.57, 8 (cf.)	Mongolia	UP
Remark: according to text <i>P. leninskiensis</i> Gorelova		
<i>P. lingulata</i> Zhang 1980		
1980 Zhao et al., pl.8, 4-6	China (Guizhou/Yunnan)	UP
<i>P. longifolioides</i> Zhang 1980		
1980 Zhao et al., pl.7, 3-5A	China (Guizhou/Yunnan)	UP
<i>P. marginata</i> Gu et Zhi 1974		
1978 Zhang, pl.153, 8, 9	China (Guizhou)	UP
1980 Tian et Zhang, pl.10, 1, 1A, 4, 4A; pl.11, 6	China (Guizhou)	UP
1980 Zhao et al., pl.7, 2	China (Guizhou/Yunnan)	UP
<i>P. mentiens</i> Sterzel 1880		
1976 Barthel et al., pl.14, 22	GDR (Karl-Marx-Stadt)	LPRotl
<i>P. monyi</i> Zeiller 1888		
1980 Barthel (b), pl.4, B-E	GDR (Gera)	LPRotl
<i>P. mucronata</i> Durante 1976		
1976 Durante, fig.29; pl.19, 5, 6	Mongolia	UP
<i>P. nervosa</i> (Halle 1927) Wang 1979		
1979 Wang, pl.1, 1-4	China (Jiangsu)	UP
<i>P. niamdensis</i> Zalessky et Chirkova 1937		
fa. <i>makuchinae</i> Burago 1976		
1976 Burago, pl.7, 1, 2	USSR (Primorskiy Kray)	UP
<i>P. norinii</i> Halle 1927		
1978 Zhang, pl.155, 2	China (Guizhou)	UP
<i>P. opposita</i> Cazzulo-Klepzig 1978		
1978 Cazzulo-Klepzig, fig.6C; pl.1, 4; pl.3, 5A	Brazil (Santa Catarina)	UPKaza-Tata
Remark: in text fig.6C; pl.7, 1		
<i>P. orientalis</i> (Schenk 1883) Potonié 1893		
1976 Huang, pl.216, 5, 6	China (Inner Mongolia)	LP

1977 Feng et al., pl.240, 5	China (Guangdong)	UP
1978 Chen et al., pl.151, 4–5A	China (Sichuan)	UP
<i>P. pectinata</i> Bertrand 1927		
1977 Sopena et al., fig.4.3	Spain (Guadalajara)	LPAutu
<i>P. pedrasica</i> Read 1941		
1978 Cazzulo-Klepzig, fig.7A; pl.2, 6	Brazil (Santa Catarina)	UPKaza–Tata
Remark: in text fig.7A; pl.7, 1; pl.8, 1B		
<i>P. pluckenetii</i> Sternberg 1825		
1977 Krumbiegel et Walther, fig.2.96.19	(scheme)	
1977 Schweitzer, fig.19C	(rec.)	(C–P)
1978 Strasburger, fig.802I	(scheme from Arnold)	(C–P)
<i>P. plumsteadiae</i> Huard-Moine 1964		
1976 Le Roux, pl.1, 4–5 (cf.)	South Africa (Transvaal)	LP
<i>P. polymorpha</i> Brongniart 1828		
1976 Huang, pl.215, 2–2B	China (Inner Mongolia)	L–UP
1978 Gillespie et al., pl.31, 5	USA (West Virginia)	UC–LP?
1980 Tian et Zhang, pl.9, 1, 1A, 4, 6 (all cf.)	China (Guizhou)	UP
<i>P. polypodioides</i> (Presl 1838) Němejč 1948		
Remark: in text <i>P. polypodioides</i> (Sternberg) Barthel		
1979 Doubinger et Alvarez-Ramis, pl.1, 2, 2A	France (Vosges)	LPAutu
1980 Barthel (b), pl.A–C; pl.8, C	GDR (Gera)	LPRotl
<i>P. potonie</i> (Němejč 1940) Remy et Remy 1959		
1980 Barthel (b), pl.6; pl.7; pl.8, A, B	GDR (Gera)	LPRotl
<i>P. punioides</i> Zhang et Mo 1979		
1979 Zhang et Mo, pl.2, 6–7	China (Henan)	LP
<i>P. qingyunensis</i> Zhang 1980		
1980 Zhao et al., pl.11, 1, 1A	China (Guizhou/Yunnan)	UP
<i>P. sahnii</i> Hsü 1952		
1978 Chen et al., pl.151, 6	China (Sichuan)	UP
1978 Zhang, pl.153, 2	China (Guizhou)	UP
1980 Huang, pl.232, 4, 4A	China (Liaoning)	LP
1980 Tian et Zhang, fig.18; pl.7, 2, 2A, 4; pl.8, 4, 4A	China (Guizhou)	UP
1980 Zhao et al., pl.11, 6, 6A	China (Guizhou/Yunnan)	UP
<i>P. saraepontana</i> (Stur 1885) Jongmans et Gothan 1935		
1976 Bohlin, fig.505 (cf.)	China (Kansu)	UC–LP
<i>P. shuichengensis</i> Zhang 1978		
1978 Zhang, pl.155, 6	China (Guizhou)	UP
<i>P. singeri</i> Archangelsky 1958		
1976 Le Roux, pl.1, 1–3	South Africa (Transvaal)	LP
<i>P. taiyuanensis</i> Halle 1927		
1978 Zhang, pl.155, 5, (cf.)	China (Guizhou)	UP
<i>P. tangwangheensis</i> Huang 1980		
1980 Huang, pl.258, 1–2A	China (Heilongjiang)	UP
<i>P. tenuicostata</i> Halle 1927		
1978 Chen et al., pl.155, 4	China (Sichuan)	UP
<i>P. tuberculata</i> Halle 1927		
1976 Huang, pl.216, 7	China (Inner Mongolia)	LP
<i>P. tumenjiangensis</i> Huang 1980		
1980 Huang, pl.231, 1–2; pl.232, 1–2A	China (Jilin)	UP
<i>P. unita</i> Brongniart 1828		
1977 Krumbiegel et Walther, fig.2.96.17	(scheme)	
1978 Gillespie et al., pl.31, 3, 7	(scheme)	(UC–LP?)
1978 Gillespie et al., pl.32, 5, 10	USA (West Virginia)	UC–LP?
<i>P. wongii</i> Halle 1927		
1976 Huang, pl.216, 1–3	China (Inner Mongolia)	LP
1977 Feng et al., pl.240, 8	China (Guangdong)	UP
1980 Huang, pl.232, 3	China (Liaoning)	LP
<i>P. yabei</i> Kawasaki 1934		
1977 Huang, pl.3, 1–2; pl.8, 6–7	China (Heilongjiang)	UP
1980 Huang, pl.233, 1–4	China (Jilin)	UP

Pelourdea* Seward 1917P. contracta* Mo 1980

1980 Zhao et al., pl.21, 5–7

China (Guizhou/Yunnan)

UP

Peltaspermum* Harris 1937P. sp.*

1979 Goman'kov et Meien, fig.4 (cuti); pl.14, 1–2, 3 (cuti)

1980 Dobruskina, pl.22, 18–20

USSR (Vologda — Aristovo —)

UPTata

USSR (Krasnoyarskiy Kray

— Tungusk Basin —)

UP–LT

China (Xizang)

UP

1980 Durante, fig.1; pl.10, 1–6

P. buevichae Goman'kov et Meien 1979

1979 Goman'kov et Meien, figs.3 (d: cuti), 5 (cuti);

pl.14, 4, 5–6 (cuti)

USSR (Vologda — Aristovo —)

UPTata

P. thomasii Harris 1937

1979 Dilcher, fig.16

(rec. from Townrow, 1960)

(P–T)

Peltostachys* Barthel et al. 1976P. altendorfense* Barthel et al. 1976

1976 Barthel et al., fig.10; pl.28, 12–14, 15 (spore), 16

GDR (Karl-Marx-Stadt)

LPRotl

***Petschoria* Korde 1951**Remark: in text *Petscheria*. *Petschoria* is a Rhodophyceae genus*P. sp.*

1977 Huang, pl.17, 6

China (Heilongjiang)

UP

Phasmatocycas* Mamay 1973P. kansana* Mamay 1973

1980 Bold et al., fig.24–41

(rec. from Mamay, 1976)

Phylladoderma* Zalesky 1914P. sp.*

1976 Burago, fig.3; pl.7, 4–10

P. aequalis Meien 1977

1977 Meien, fig.5; pl.8, 5–10

Remark: descr./ills. include cuticles

P. arberi Zalesky 1914

1976 Bohlin, figs.17–22; pl.3, 7 (all cf.)

China (Kansu)

UC–LP

P. stenuifolia Sal'menova 1978

1978 Sal'menova, pl.12, 7, 8

USSR (Kazakhstan)

UP

Phyllocladopitys* Kräusel 1928P. capensis* Kräusel 1928

1978 Mussa (a), fig.2D

(scheme from Kräusel)

Remark: in text *P. capense* and *P. capensis****Phyllothea* Brongniart 1828***P. sp.*

1976 Bohlin, fig.10 (cf.)

1979 Asama, fig.13C

1980 Goman'kov et Meien, fig.1(1)

China (Kansu)

UC–LP

(scheme from Rasskazova, 1961)

(C–T)

(scheme)

P. australis Brongniart 1828

1979 Millan et Dolianiti, fig.1

Brazil (São Paulo)

LP

1979 Van Dijk et al., pl.45, 1

South Africa (Natal)

UP

1980 Retallack, figs.216.5A–C

Australia (New South Wales)

L–UP

1980 Rigby et al., fig.1

Australia (New South Wales)

P

P. equisetitoides Schmalhausen 1879Remark: in text *P. equisetoides*

1980 Bold et al., fig.19–57

(rec. from Rasskazova)

(P–T)

P. etheridgei Arber 1905

1978 Zhang, pl.152, f.5 (cf.)

China (Guizhou)

UP

+ *P. turnaensis* Gorelova 1956 ex Gorelova et Radchenko 1962?

1978 Durante et Biterman, pl.23, 8; pl.24, f.5

USSR (Yakutskaya ASSR —
Verkhoyansk —)

UP

Remark: in text *P. turnaensis* (Gorelova) Meien***Plagiozamites* Zeiller 1894***P. sp.*

1976 Bohlin, figs.24, 35, 273; pl.2, 3; pl.3, 9 (all cf.?)

China (Kansu)

UC–LP

1976 Bohlin, figs.281, 298; pl.29, 11–12 (all ?)

China (Chinghai)

UC–LP

1978 Remy et Remy (a), pl.16, 6, 7

GDR (Halle)

LPAutu

1978 Zhang, pl.153, 5

China (Guizhou)

UP

P. linearis Yabe et Oishi 1938

1978 Zhang, pl.153, 6–7 (cf.)

China (Guizhou)

UP

P. oblongifolius Halle 1927

1976 Bohlin, fig.23; pl.2, 5–8; pl.3, 5 (all cf.)

China (Kansu)

UC–LP

1977 Feng et al., pl.238, 5

China (Henan)

LP

1978 Zhang, pl.152, 4

China (Guizhou)

UP

1980 Zhao et al., pl.17, 5; pl.20, 3

China (Guizhou/Yunnan)

UP

P. planchardii (Renault 1890) Zeiller 1894

1977 Remy et Remy, fig.75A–B (cf.)

GDR (Halle)

LPAutu

1978 Remy et Remy (a), fig.2; pl.16, 4–5 (all cf.)

GDR (Halle)

LPAutu

Platycardia* Pant et Nautiyal 1960P. sp.*

1977 Pant, fig.7A–C

(rec.)

P. bengalensis Pant et Nautiyal 1960

1977 Chandra et Surange (e), fig.5; pl.3, 16–18

India (West Bengal)

UPRani

1977 Chandra et Surange (e), fig.7

(rec.)

Remark: descr./ills. include cuticles

1977 Pant, fig.6B

(from Pant et Nautiyal, 1960)

Pluma* Plumstead 1958P. sp.*

1977 Pant, fig.9D,E

(from Plumstead, 1958)

Plumsteadia* Rigby 1963P. sp.*

1977 Pant, fig.9G

(from Plumstead, 1958)

1979 Van Dijk et al., pl.46, 27–30 (cf.)

South Africa (Natal)

UP

P. ampla (White 1964) Rigby 1969

1978 Rigby (a), figs.5–12

Australia (Queensland)

UP

P. lanceolata Srivastava 1978

1978 Srivastava, fig.4; pl.1, 4, 5

India (Bihar)

UPRani

P. microsacca Rigby 1963

1976 Gould, fig.4B

(scheme from Rigby, 1971)

1978 Rigby (a), figs.2, 3

Australia (Queensland)

UP

P. natalensis Lacey, Van Dijk et Gordon-Gray 1975

1979 Van Dijk et al., pl.46, 26

South Africa (Natal)

UP

P. ovata Kyle 1974

1978 Rigby (a), fig.13(?)

Australia (Queensland)

UP

P. semnes Rigby 1978

1978 Rigby (a), figs.14–17

Australia (Queensland)

LP

Plumsteadiostrobos Chandra et Surange 1977*P. sp.*

1979 Chandra et Surange, pl.22, 7

India (West Bengal)

LGRani

Remark: organic connection with *Glossopteris gondwanensis**P. ellipticus* Chandra et Surange 1977

1977 Chandra et Surange (a), figs.2–5; pl.1, 1–4; pl.2,

5–8; pl.3, 9, 12–13; pl.4, 14–16; pl.5, 18; pl.6, 21

India (West Bengal)

LGRani

1977 Chandra et Surange (a), figs.6, 7

(rec.)

Remark: descr./ills. include cuticles.

Organic connection with *Glossopteris taenioides*

1977 Chandra et Surange (e), fig.14B

(rec.)

Remark: organic connection with *Glossopteris taenioides*

1978 Surange et Chandra, pl.4, 4

(rec.)

1979 Chandra et Surange, pl.13, 3, 6

India (West Bengal)

LGRani

Remark: organic connection with *Glossopteris gondwanensis**P. pretiosus* Chandra et Surange 1977

1977 Chandra et Surange (c), fig.2E

(scheme)

Poa-Cordaitea Grand'Eury 1872Remark: commonly spelled *Poacordaitea**P. sp.*

1976 Barthel (b), pl.2, 14 (cuti)

GDR (Karl-Marx-Stadt)

LPRotl

1976 Barthel et al., pl.45, 1A–D (cuti)

GDR (Karl-Marx-Stadt)

LPRotl

1977 Krumbiegel et Walther, fig.2.100.1

(rec. from Grand'Eury)

1979 Doubinger et Alvarez-Ramis, pl.1, 3

France (Vosges)

LPAutu

Polysolenoxylon Kräusel et Dolianiti 1958*P. sp.*

1980 Mussa et al., pl.1, 1

Brazil (São Paulo)

P

P. bageense Guerra 1975

1978 Guerra, fig.2H

Brazil (Rio Grande do Sul)

P

P. bortoluzzii Guerra 1975

1978 Guerra, fig.2F

Brazil (Rio Grande do Sul)

P

P. whitei (Maniero 1944) Kräusel et Dolianiti 1958

1978 Guerra, fig.2G

Brazil (Rio Grande do Sul)

P

Polyssaievia Nejbura 1960*P. spinulifolia* (Zalessky 1936) Nejbura 1960

1979 Lacey, fig.1(6)

(from Nejbura, 1960)

Ponsotheca Bernardes de Oliveira 1980*P. roesleri* Bernardes de Oliveira 1980

1980 Bernardes de Oliveira, fig.1A–C; pl.1, 1

Brazil (Santa Catarina)

LPArto–Kung

Poroxylon Renault 1879*P. sp.*

1977 Marguerier, pl.1, 2

France (Saône-et-Loire)

LP

P. edwardsii Renault

1978 Mussa (a), fig.1J

(scheme from Chauveau)

Prionophyllopteris Mo 1980*P. spiniformis* Mo 1980

1980 Zhao et al., pl.19, 9, 10

China (Guizhou/Yunnan)

UP

Protoblechnum Lesquereux 1880*P. wongii* Halle 1927

1976 Asama, fig.1(11)

(scheme)

1977 Broutin, pl.1, 1-2; pl.3, A-B (all cf.)	Spain (Sevilla)	UCStep?-LPAutu?
1979 Asama, fig.3(11)	(scheme)	
1980 Asama, fig.5	(scheme)	
<i>Protophyllocladoxylon</i> Kräusel 1939		
<i>P. sp.</i>		
1977 Marguerier, pl.2, 6, 7	Namibia (—)	K
<i>Protopodocarpitys</i> Mussa 1976		
<i>P. roesleri</i> Mussa 1976		
1976 Mussa, figs.1-6; pls.1-5	Brazil (São Paulo)	P
<i>Protosphagnum</i> Nejburg 1960		
<i>P. nervatum</i> Nejburg 1956 ex Nejburg 1960		
1978 Fefilova (b), fig.21; pls.21, 22	USSR (Komi ASSR)	LPUfim
1979 Lacey, fig.1(1, 4)	(from Nejburg, 1960)	
<i>Prynadaeopteris</i> Radchenko 1955		
<i>P. anthriscifolia</i> (Göppert 1845) Radchenko 1955		
1977 Huang, pl.1, 3-6; pl.2, 1-3	China (Heilongjiang)	UP
<i>P. minuta</i> Vladimirovich 1980		
1980 Vladimirovich, pl.10, 3(?)	USSR (Komi ASSR — Pechora Basin —)	UP
<i>P. rhomboidea</i> Vladimirovich 1980		
1980 Vladimirovich, pl.10, 1-2(?)	USSR (Komi ASSR — Pechora Basin —)	UP
<i>P. tunguscana</i> (Schmalhausen 1879) Radchenko 1955		
1979 Burago, pl.6, 5; pl.7, 2, 3; pl.8, 4	USSR (Primorskiy Kray)	LP
<i>Psaliangium</i> Remy 1953		
Remark: in text <i>Psalangium</i>		
<i>P. sp.</i>		
1976 Bohlin, fig.176	China (Kansu)	UC-LP
<i>Psaronius</i> Cotta 1832		
<i>P. sp.</i>		
1976 Grzimek, fig.p.52		P
1977 Krumbiegel et Walther, pl.6, 11	GDR (Karl-Marx-Stadt)	LPRotl
1977 Remy et Remy, fig.53	GDR (Karl-Marx-Stadt)	LPAutu
1977 Remy et Remy, fig.55C	GDR ("Sachsen")	LPAutu
1978 Gillespie et al., fig.11	(rec.)	(C-P)
1979 Asama, fig.21A	(from Grand'Eury, 1877)	(C-P)
1979 Steel et Harvey, fig. p.38	(rec.)	(C-P)
1979 Yuasa, fig.3.4	(scheme from Morgan, 1959)	(C-P)
1980 Barthel et Fischer, figs.1, 2	GDR (Gera)	LPRotl
1980 Bold et al., fig.19-11		C-P
1980 Bold et al., fig.19-65	(rec. from Morgan)	(C-P)
1980 Tian et Zhang, pl.24, 1, 1A, 1B	China (Guizhou)	UP
1980 X, number "4" in fig.	(rec. from Morgan, 1959)	
<i>P. asterolithus</i> Cotta 1832		
1885 Quenstedt, pl.93, 9	GDR (Karl-Marx-Stadt)	LP
<i>P. brasiliensis</i> Brongniart 1872		
1976 Fischer et Gayrard-Valy, figs.2, 39	Brazil (Piaui)	P
<i>P. hexagonus</i> Gu et Zhi 1974		
1978 Chen et al., pl.154, 5	China (Sichuan)	UP
<i>P. infarctus</i> Unger 1841		
1976 Rothe, fig.10	GDR (Karl-Marx-Stadt)	LPRotl

1977 Krumbiegel et Walther, pl.51, 85	GDR (Karl-Marx-Stadt)	LPRotl
1978 Daber et Helms, fig. p.174	GDR (Karl-Marx-Stadt)	LPRotl
1978 Daber et Helms, fig. p.191	(scheme)	
<i>P. polyphyllus</i> Feistmantel 1873		
1976 Barthel et al., pl.11, 14	GDR (Karl-Marx-Stadt)	LPRotl
<i>P. simplex</i> Unger 1841		
1976 Daber et Helms, fig. p.73	GDR (Karl-Marx-Stadt)	LP
<i>P. sinensis</i> Sze 1942		
1978 Zhang, pl.162, 1–3	China (Guizhou)	UP
<i>P. ungeri</i> Corda 1845		
1976 Barthel et al., pl.11, 11	GDR (Karl-Marx-Stadt)	LPRotl
<i>P. weberi</i> Sterzel 1887		
1977 Krumbiegel et Walther, pl.18, 31	GDR (Karl-Marx-Stadt)	LPRotl
+ <i>Pseudomariopteris</i> Danzé-Corsin 1953		
<i>P. cordato-ovata</i>		
1978 Gillespie et al., pl.49, 4	USA (West Virginia)	UC-LP?
Remark: probably new combination?		
<i>P. ribeyronii</i> (Zeiller 1888) Danzé-Corsin 1953		
1976 Barthel et al., pl.31, 1–3	GDR (Karl-Marx-Stadt)	LPRotl
<i>Pseudorhipidopsis</i> P'an 1937		
<i>P. brevicaulis</i> (Kawasaki et Kon'no 1932) P'an 1937		
1977 Feng et al., pl.250, 5	China (Henan)	UP
<i>Pseudovoltzia</i> Florin 1927		
<i>P. sp.</i>		
1977 Schaumberg, fig.14(?)	GFR (Hessen)	UPKupf
1979 Yuasa, fig.5.8	(scheme from Florin, 1944)	
<i>P. liebeana</i> (Geinitz 1862) Florin 1927		
1976 Harris, fig.1D–L	(scheme)	
1977 Krumbiegel et Walther, fig.2.103.2–5	(from Mägdefrau)	
1977 Remy et Remy, fig.45	GFR (Hessen)	UPThur
1977 Schaumberg, fig.12	GFR (Hessen)	UPKupf
1977 Vogellehner (b), fig.3A	(from Schweitzer, 1968)	
1978 Grauvogel-Stamm, fig.45	(scheme from Schweitzer, 1963)	
1978 Miller, fig.2A,B	(rec. from Schweitzer, 1963)	
<i>Psymphyllum</i> Schimper 1870		
<i>P. kidstonii</i> Seward 1903		
1976 Le Roux, pl.3, 11, 12	South Africa (Transvaal)	LP
<i>P. multipartitum</i> Halle 1927		
1976 Asama, fig.1(12)	(scheme)	
1977 Feng et al., pl.253, 1, 2	China (Henan)	UP
1979 Asama, fig.3(12)	(scheme)	
1980 Asama, fig.5	(scheme)	
<i>P. ussuriense</i> Burago 1976		
1976 Burago, pl.7, 3	USSR (Primorskiy Kray)	UP
+ <i>Pterispermotrobus</i> Stopes 1914		
Remark: in text <i>Pteridospermotrobus</i> .		
See Farr et al. (1979, p.1453)		
<i>P. wanderianus</i> Florin		
1976 Barthel et al., pl.16, 13	GDR (Dresden)	LPRotl
<i>Pterophyllum</i> Brongniart 1825		
<i>P. blechnoides</i> Sandberger 1864		
1977 Remy et Remy, fig.70A, B	GFR (Baden-Württemberg)	LPRotl

<i>P. cotteanum</i> Gutbier 1835		
1976 Barthel (b), pl.4, 12	GDR (Dresden))	LPRotl
1976 Barthel et al., pl.38, 11	GDR (Dresden)	LPRotl
<i>P. daihoense</i> Kawasaki 1931		
1976 Huang, pl.224, 3, 4	China (Inner Mongolia)	L-UP
<i>P. eratum</i> Gu et Zhi 1974		
1978 Zhang, pl.162, 4	China (Guizhou)	UP
1980 Huang, fig.42; pl.253, 2 5A	China (Liaoning)	UP
1980 Zhao et al., pl.20, 1-2	China (Guizhou/Yunnan)	UP
<i>P. fromagetii</i> Vozenin-Serra 1979		
1979 Vozenin-Serra, pl.1, 1 3	Laos ()	P
+ <i>P. slobodskiensis</i> Shvedov		
1977 Huang, pl.14, 5 (cf.)	China (Heilongjiang)	UP

***Pterygospermum* Pant et Nautiyal 1960**

<i>P. raniganjense</i> Pant et Nautiyal 1960		
1977 Chandra et Surange (a), figs.2B, E G, 3A-B, E, 4A, E F, 5; pl.2, 5; pl.4, 17; pl.5, 18 20; pl.6, 21-26	India (West Bengal)	LGRani
Remark: descr./ills. include cuticles. Organic connection with <i>Plumsteadia</i> <i>strobilus ellipticus</i> . Containing <i>Faunipollenites</i> pollen grains		
1977 Pant, fig.6C	(from Pant et Nautiyal, 1960)	

***Ptychocarpus* Weiss 1869**

<i>P. sp.</i>		
1977 Remy et Remy, fig.56C	(scheme)	(C P)
<i>P. malaianus</i> Konno 1970		
1979 Asama, fig.17B	Malaysia ()	P
<i>P. unitus</i> (Brongniart 1828) Zeiller 1888		
1977 Remy et Remy, fig.124C	(scheme)	(C-P)
1978 Daber et Helms, fig. p.36	(scheme)	(C-P)

***Pursongia* Zalessky 1933**

<i>P. sp.</i>		
1980 Durante, pl.10, 7(?), 8-10	China (Xizang)	UP

***Quadrocladus* Mädler 1957**

<i>Q. sp.</i>		
1978 Remy et Remy (c), pl.8, 21(?)	Italy (Brescia)	LPSaxo
<i>Q. dvinensis</i> Meien 1978		
1978 Meien, figs.14 19; pl.2, 13, 14	USSR (Vologda — Aristovo ---)	UPTata

***Radicitis* Potonié 1893**

Remark: substitute name for <i>Pinnularia</i> Lindley et Hutton 1833, non Ehrenberg 1843 (nom.cons.). See Farr et al. (1979, p.1480)		
<i>R. sp.</i>		
1977 Huang, pl.27, 3	China (Heilongjiang)	UP

***Rajahia* Kon'no 1970**

<i>R. guizhouensis</i> Zhang 1980		
1980 Zhao et al., pl.11, 2 4	China (Guizhou/Yunnan)	UP
<i>R. linggiuensis</i> Kon'no 1970		
1979 Asama, fig.17A	Malaysia ()	P
<i>R. major</i> Zhang 1980		
1980 Zhao et al., pl.12, 2	China (Guizhou/Yunnan)	UP

<i>R. minor</i> Zhang 1980		
1980 Zhao et al., pl.12, 3–4A	China (Guizhou/Yunnan)	UP
<i>R. mirabilis</i> (Gu et Zhi 1974) Zhang 1980		
1980 Zhao et al., pl.11, 5, 5A	China (Guizhou/Yunnan)	UP
+ <i>R. rigida</i> (Yabe et Oishi) Zhang 1980		
1980 Zhao et al., pl.12, 1, 1A	China (Guizhou/Yunnan)	UP
<i>Raniganjia</i> Rigby 1963		
<i>R. qubensis</i> Hsü 1976		
1976 Hsü, fig.1; pl.1, 4–7; pl.4, f.25	China (Xizang)	UP
1978 Hsü, pl.2, 2	China (Xizang)	UP
<i>Renaultia</i> Zeiller 1883		
<i>R. sp.</i>		
1977 Remy et Remy, fig.61	(scheme)	(C–P)
<i>Reticulopteris</i> Gothan 1941		
<i>R. germari</i> (Giebel 1857) Gothan 1941		
1976 Barthel (b), pl.1, 2	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., pl.32, 5 (cuti), 6–9	GDR (Karl-Marx-Stadt)	LPRotl
<i>Rhabdocarpus</i> Göppert et Berger 1848		
Remark: commonly spelled <i>Rhabdocarpus</i> . See Farr et al. (1979: 1498).		
<i>R. sp.</i>		
1976 Bohlin, pl.21, 12 (cf.)	China (Chinghai)	UC–LP
<i>R. olivaeformis</i> Mo 1980		
1980 Zhao et al., pl.17, 1	China (Guizhou/Yunnan)	UP
<i>Rhabdotaenia</i> Pant 1958		
<i>R. sp.</i>		
1976 Lele (b), fig.2	(scheme)	
<i>Rhacopteris</i> Schimper 1869		
<i>R. sp.</i>		
1976 Bohlin, pl.27, 9(?)	China (Kansu)	UC–LP
<i>R. bertrandii</i> Stockmans et Mathieu 1939		
1976 Huang, pl.211, 1	China (Inner Mongolia)	LP
<i>Rhaphidopteris</i> Barale 1972		
<i>R. praecursoria</i> Meien 1979		
1979 Meien, figs.1–4; pl.1, 1–8; pl.2, 1–8	USSR (Komi ASSR)	UPKaza
Remark: descr./ills. include cuticles		
<i>Rhipidopsis</i> Schmalhausen 1879		
<i>R. sp.</i>		
1980 Tian et Zhang, pl.21, 6	China (Guizhou)	UP
<i>R. ginkgoides</i> Schmalhausen 1879		
1978 Zhang, pl.163, 2 (cf.), 7	China (Guizhou)	UP
1980 Zhao et al., pl.21, 1–2 (cf.)	China (Guizhou/Yunnan)	UP
<i>R. gondwanensis</i> Seward 1919		
1979 Chitnis et Vagyan, fig.3; pl.1, 2	India (Maharashtra)	UP–LT
1980 Tian et Zhang, pl.19, 1, 2; pl.22, 6, 11	China (Guizhou)	UP
<i>R. guizhouensis</i> Tian 1980		
1980 Tian et Zhang, pl.14, 1, 2, 6	China (Guizhou)	UP

<i>R. hongshanensis</i> Huang 1977		
1977 Huang, fig.19; pl.10, 4	China (Heilongjiang)	UP
<i>R. lobulata</i> Mo 1980		
1980 Zhao et al., pl.19, 11, 12	China (Guizhou/Yunnan)	UP
<i>R. minor</i> Feng 1977		
1977 Feng et al., pl.250, 2	China (Hunan)	UP
<i>R. minutus</i> Zhang 1978		
1978 Zhang, pl.163, 4	China (Guizhou)	UP
<i>R. multifurcata</i> Tian 1980		
1980 Tian et Zhang, pl.23, 2, 2A	China (Guizhou)	UP
<i>R. palmata</i> Zalessky 1932		
1976 Durante, pl.52, 2 (aff.)	Mongolia	UP
+ <i>R. panii</i> Chow		
1977 Feng et al., pl.251, 6	China (Guangdong)	UP
1978 Chen et al., pl.154, 1-2; pl.155, 1-2	China (Sichuan)	UP
1978 Zhang, pl.163, 1 (cf.), 3	China (Guizhou)	UP
1980 Tian et Zhang, fig.22; pl.17, 4	China (Guizhou)	UP
1980 Zhao et al., pl.21, 3, 4	China (Guizhou/Yunnan)	UP
<i>R. shifaensis</i> Huang 1980		
1980 Huang, fig.44; pl.258, 6-7	China (Heilongjiang)	UP
<i>R. shuichengensis</i> Tian 1980		
1980 Tian et Zhang, fig.23; pl.20, 1-6; pl.21, 1-3	China (Guizhou)	UP
<i>R. tangwangheensis</i> Huang 1980		
1980 Huang, fig.43; pl.253, 6; pl.255, 9	China (Heilongjiang)	UP
<i>R. xinganensis</i> Huang 1977		
1977 Huang, fig.18; pl.17, 4; pl.29, 4-5	China (Heilongjiang)	UP
<i>Rhizomopsis</i> Gothan et Sze 1933		
<i>R. gemmifera</i> Gothan et Sze 1933		
1978 Zhang, pl.164, 7	China (Guizhou)	UP
1980 Tian et Zhang, pl.22, 7, 8, 12	China (Guizhou)	UP
1980 Zhao et al., pl.20, 5	China (Guizhou/Yunnan)	UP
<i>Rhodea</i> Presl 1838		
<i>R. sp.</i>		
1976 Bohlin, figs.391-395; pl.21, 3, 6-7, 8 (all cf.)	China (Chinghai)	UC-LP
<i>Ricciopsis</i> Lundblad 1954		
<i>R. anakitensis</i> Verbitskaya 1980		
1980 Verbitskaya (a), fig.2; pl.4, 3-4 (all ?)	USSR (Krasnoyarskiy Kray — Tungusk Basin —)	LP
<i>R. parva</i> Verbitskaya 1980		
1980 Verbitskaya (a), fig.3; pl.4, 5-6 (all ?)	USSR (Kemerovskaya oblast — Kuzbass —)	UP
<i>Rigbya</i> Lacey, Van Dijk et Gordon-Gray 1975		
<i>R. arberioides</i> Lacey, Van Dijk et Gordon-Gray 1975		
1978 Rigby (a), figs.22, 23	Australia (Queensland)	UP
1978 Surange et Chandra, pl.2, 5	South Africa (Natal)	UP
1978 White, figs.69-72	Australia (New South Wales)	UP
Remark: organic connection with seeds		
1979 Van Dijk et al., pl.46, 17-19	South Africa (Natal)	UP
<i>Rubidgea</i> Tate 1867		
<i>R. sp.</i>		
1976 Lele (b), fig.2	(scheme)	
1977 Schweitzer, fig.8C	(rec.)	
1980 Andreis et al., pl.1, 2	Brazil (Rio Grande do Sul)	LP

1980 Cazzulo-Klepzig et al. (a), pl.2, 1; pl.3, 5	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (b), pl.1, 3, 8; pl.2, 2	Brazil (Rio Grande do Sul)	LPSakm
1980 Guerra-Sommer, pl.1, 8, 10	Brazil (Rio Grande do Sul)	LPSakm
<i>R. emarginata</i> Maithy 1977		
1977 Maithy (c), pl.1, 4, 5	India (Bihar)	UPKarh
<i>Rufforia</i> Meien 1963		
<i>R. sp.</i>		
1976 Durante, pl.61, 6	Mongolia	LP
1976 Lele (a), fig.4	(scheme)	
1977 Zimina, pl.13, 6	USSR (Primorskiy Kray)	LP
1980 Goman'kov et Meien, fig.1(3)	(scheme)	
<i>R. bakanasica</i> Sal'menova 1978		
1978 Sal'menova, pl.12, 4-6	USSR (Kazakhstan)	LP
<i>R. brevifolia</i> (Gorelova 1960) Meien 1966		
1976 Durante, pl.65, 1-4	Mongolia	UP
<i>R. delicata</i> Durante 1971		
1976 Durante, pl.45, 5; pl.63, 1-5, 6 (aff.); pl.64, 9, 10; pl.74, 3	Mongolia	UP
Remark: descr./ills. include cuticles		
<i>R. derzavinii</i> (Nejburg 1936) Meien 1966		
1976 Durante, pl.60, 1-3 (aff.), 4-7	Mongolia	LP
1976 Zimina (b), pl.5, 6, 7; pl.6, 1-5; pl.7, 1 (all aff.)	USSR (Primorskiy Kray)	L-UP
1977 Zimina, fig.17; pl.12, 1-4; pl.13, 1-5, 7-8 (aff.);		
pl.14, 1-8 (aff.)	USSR (Primorskiy Kray)	LP
<i>R. ilimpejica</i> Glukhova 1976		
1976 Glukhova, fig.1; pl.10, 4-6	USSR (Krasnoyarskiy Kray — Tungusk Basin —)	UP
<i>R. kerulenica</i> Durante 1976		
1976 Durante, pl.59, 1-7	Mongolia	LP
<i>R. lepeophylloides</i> Durante 1976		
1976 Durante, pl.65, 5-12	Mongolia	UP
<i>R. magnifolia</i> Durante 1976		
1976 Durante, pl.62, 1-8	Mongolia	UP
<i>R. marginata</i> Men'shikova 1980		
1980 Glukhova et Men'shikova	USSR (Kemerovskaya oblast — Kuzbass —)	UP
<i>R. mira</i> Glukhova et Men'shikova 1980		
1980 Glukhova et Men'shikova, pl.14, 6-9	USSR (Kemerovskaya oblast — Kuzbass —)	UP
<i>R. mirabilis</i> Meien 1966		
1977 Zimina, pl.7, 9 (aff.)	USSR (Primorskiy Kray)	LP
<i>R. rasskasovae</i> Meien 1966		
1976 Durante, pl.58, 3-5	Mongolia	LP
<i>R. recta</i> (Nejburg 1965) Meien 1966		
1977 Zimina, pl.15, 1-8 (aff.)	USSR (Primorskiy Kray)	LP
<i>R. seljatskii</i> Men'shikova 1980		
1980 Glukhova et Men'shikova, pl.14, 3-5	USSR (Kemerovskaya oblast — Kuzbass —)	UP
<i>R. sub lanceolata</i> Zimina 1976		
1976 Zimina (b), pl.5, 5	USSR (Primorskiy Kray)	L-UP
1977 Zimina, pl.10, 9; pl.15, 9	USSR (Primorskiy Kray)	LP
1978 Zimina, pl.2, 5	USSR (Primorskiy Kray)	LP
<i>R. theodorii</i> (Chirkova et Zalessky 1930) Meien 1964		
1977 Zimina, fig.18; pl.7, 3-8 (all aff.)	USSR (Primorskiy Kray)	LP
1978 Zimina, pl.1, 1-4 (aff.)	USSR (Primorskiy Kray)	LP
<i>R. tomentella</i> Glukhova 1976		
1976 Glukhova, pl.10, 1-3	USSR (Krasnoyarskiy Kray — Tungusk Basin —)	UP
<i>R. tuberculosa</i> Glukhova 1971		
1976 Durante, pl.61, 1-5	Mongolia	LP

<i>R. ulannurica</i> Durante 1976		
1976 Durante, pl.63, 7-10, 11 (aff.); pl.64, 1-2 (aff.), 3-4 (cuti), 6-8 (aff.); pl.74, f.1 (cuti)	Mongolia	UP
<i>R. ussurica</i> Zimina 1977		
1977 Zimina, figs.19, 20; pl.8, 1-6, 7(?); pl.9, 2, 3; pl.10, 1-2 (ex gr.), 3; pl.11, 4-7 (ex gr.), 8, 9	USSR (Primorskiy Kray)	LP
1978 Zimina, pl.1, 5; pl.2, 4, 7	USSR (Primorskiy Kray)	LP
<i>R. vassilyevii</i> Zimina 1977		
1977 Zimina, pl.16, 1-3(?), 4 (ex gr.)	USSR (Primorskiy Kray)	UP
<i>Rusangea</i> Lacey, Van Dijk et Gordon-Gray 1975		
Remark: in text <i>Russangea</i>		
<i>R. elegans</i> Lacey, Van Dijk et Gordon-Gray 1975		
1978 Surange et Chandra, pl.3, 5	South Africa (Natal)	UP
1978 White, figs.42, 43	Australia (New South Wales)	UP
1978 White, fig.44	(rec.)	
Remark: organic connection with seeds		
<i>Sakoarota</i> Appert 1977		
<i>S. polyangiata</i> Appert 1977		
1977 Appert, figs.2, 3; pl.10, 2-4, 11-17; pl.18, 1-7, 9; pl.19, 1-3 (cf.), 4; pl.20; pl.21	Madagascar (Sakoa Basin)	LGKarh-Bara?
+ <i>Sagittapteris</i> Zhang et Xiao		
+ <i>S. belemnopteroides</i> Zhang et Xiao		
Remark: paper by Zhang et Xiao not studied by the compilers of the IFPM		
1980 Zhang, pl.1, 3-6	China (Shanxi)	P
<i>Salairia</i> Nejburg 1960		
<i>S. confinis</i> Fefilova 1976		
1978 Fefilova (b), fig.7; pl.6	USSR (Komi ASSR)	LPUfim
<i>S. singularis</i> Fefilova 1976		
1978 Fefilova (b), fig.8; pl.7	USSR (Komi ASSR)	LPUfim
<i>Samaropsis</i> Göppert 1864		
<i>S. sp.</i>		
1976 Bohlin, fig.231; pl.15, 13	China (Kansu)	UC-LP
1976 Durante, pl.72, 13, 14	Mongolia	LP
1977 Bernardes de Oliveira et Da Silva Pontes, figs.15, 16; pl.5, 4, 5	Brazil (Santa Catarina)	LPArTi
1978 Zhang, pl.164, 6	China (Guizhou)	UP
1980 Guerra-Sommer, pl.1, 6	Brazil (Rio Grande do Sul)	LPSakm
1980 Rigby et al., fig.52	Australia (New South Wales)	P
1980 Tian et Zhang, fig.24; pl.19, 3, 4	China (Guizhou)	UP
<i>S. dolianitii</i> Millan 1977		
1977 Millan, pl.3, 2-5	Brazil (São Paulo)	LP
<i>S. ganjrensis</i> Saksena 1950 ex Saksena 1955		
1977 Srivastava (a), fig.8; pl.1, 5	India (Bihar)	LGKarh
<i>S. goraiensis</i> Surange et Lele 1957		
1980 Rigby et al., fig.51 (cf.)	Australia (New South Wales)	P
+ <i>S. kureikaensis</i> Sukhov		
1976 Durante, pl.72, 1	Mongolia	UP
<i>S. millaniana</i> Bernardes de Oliveira 1977		
1977 Bernardes de Oliveira et Da Silva Pontes, fig.16; pl.5, 1-3	Brazil (Santa Catarina)	LPArTi
<i>S. rigbyi</i> Millan 1977		
1977 Millan, pl.2, 2-10	Brazil (São Paulo)	LP

<i>S. sancti-marci</i> Bernardes de Oliveira 1977		
1977 Bernardes de Oliveira et Da Silva Pontes, figs.17–23; pl.5, 6–8	Brazil (Santa Catarina)	LPArti
<i>S. seixasi</i> (White 1908) Seward 1917		
1977 Correa da Silva et Arrondo, pl.2, 6, 7	Brazil (Rio Grande do Sul)	LPSakm–Arti
1978 Correa da Silva, pl.5, 2	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (a), pl.3, 4	Brazil (Rio Grande do Sul)	LPSakm
1980 Cazzulo-Klepzig et al. (b), pl.1, 1	Brazil (Rio Grande do Sul)	LPSakm
<i>S. taiyuanensis</i> Halle 1927		
1978 Chen et al., pl.153, 6	China (Sichuan)	UP
<i>Sandrewia</i> Mamay 1975		
<i>S. texana</i> Mamay 1975		
1978 Mamay, pl.1, 1–3 (cf.), 4, 5–6 (cf.) Remark: new ill. of the holotype	USA (Texas)	LP
<i>Santhalea</i> Maithy 1977		
<i>S. bansloiensis</i> Maithy 1977		
1977 Maithy (b), fig.2; pl.2, 3–6	India (Bihar)	LGRani?
<i>Sashinia</i> Meien 1978		
<i>S. aristovens</i> Meien 1978		
1978 Meien, figs.11, 12, 13 (cuti); pl.2, 15	USSR (Vologda — Aristovo —)	UPTata
<i>Schimperia</i> Remy et Remy 1975		
<i>S. sp.</i>		
1977 Remy et Remy, fig.234B	(scheme)	
<i>Schizoneura</i> Schimper et Mougeot 1844		
Remark: correct genus name <i>Convallarites</i> Brongniart 1828. See Farr et al. (1979, p.1572)		
<i>S. sp.</i>		
1976 Balasundaram et al., pl.22, 1	(scheme)	(P–T)
1976 Bohlin, fig.619; pl.17, 6	China (Chinghai)	UC–LP
1979 Asama, fig.13F	(scheme from Feistmantel, 1880)	(C–T)
1979 Asama, fig.13G	(scheme from Nejburg, 1948)	(C–T)
1979 Asama, fig.13H	(scheme from Mägdefrau, 1956)	(C–T)
1979 Yuasa, fig.4.7	(scheme from Feistmantel, 1880)	(C–P)
1979 Yuasa, fig.4.8	(scheme from Kon'no, 1960)	(C–P)
<i>S. brevifolia</i> Yao 1980		
1980 Zhao et al., pl.4, 8, 9, 9A	China (Guizhou/Yunnan)	UP
<i>S. gondwanensis</i> Feistmantel 1876		
1977 Bose et al., pl.1, 1	India (Madhya Pradesh)	UP–LT
1978 Cazzulo-Klepzig, fig.3A–D; pl.1, 1–3 Remark: in text fig.3; pl.2, 1–2; pl.3, 1–2	Brazil (Santa Catarina)	UPKaza–Tata
1979 Van Dijk et al., pl.46, 13, 14	South Africa (Natal)	UP
<i>S. lingshanensis</i> Feng et Meng 1977		
1977 Feng et al., pl.239, 1	China (Guangxi)	UP
<i>S. manchuriensis</i> Kon'no 1942		
1977 Huang, pl.12, 4–5 (cf.)	China (Heilongjiang)	UP
1978 Chen et al., pl.151, 3	China (Sichuan)	UP
1980 Huang, pl.242, 1–5	China (Liaoning)	UP
1980 Zhao et al., pl.4, 4 (cf.), 5	China (Guizhou/Yunnan)	UP
<i>Schizostachys</i> Grand'Eury 1877		
<i>S. spiciformis</i> (Andrae 1851) Barthel 1975		
1980 Barthel (c), pl.8, 2	GDR (Gera)	LPRotl

Schuetzia Geinitz 1863*S. anomala* Geinitz 1863

1979 Millay et Taylor, fig.2E

1979 Millay et Taylor, fig.15A

(rec. from Remy et Remy, 1959)

(scheme from Göppert, 1864–1865)

Scirroma Chandra et Surange 1977*S. sp.*

1977 Chandra et Surange (d), fig.1A,C

India (West Bengal)

LGRani

S. angusta Chandra et Surange 1977

1977 Chandra et Surange (d), fig.1D; pl.1, 3–5 (cuti)

India (West Bengal)

LGRani

S. ventilebra Chandra et Surange 1977

1977 Chandra et Surange (d), fig.1B; pl.1, 6 (cuti)

India (West Bengal)

LGRani

Scleromedulloxylon Doubinger et Marguerier 1975*S. batoviense* Guerra 1976

Remark: Guerra (1976) non vidi

1978 Guerra-Sommer, pl.1, 1–7; pl.2, 1–9; pl.3, 1–7

Brazil (Rio Grande do Sul)

P

1980 Guerra-Sommer, pl.2, 1–5

Brazil (Rio Grande do Sul)

P

S. varollense (Renault 1894) Marguerier 1975

1980 Marguerier et Pacaud, pl.4, 1, 2; pl.5, 1, 2

France (Saône-et-Loire)

LPAutu

Scoleopteris Zenker 1837*S. arborescens* (Sternberg 1825) Stur 1883Remark: in text *S. arborescens* (Schlotheim) Stur

1976 Barthel et al., fig.6

GDR (Karl-Marx-Stadt)

LPRotl

1980 Barthel (c), pl.5; pl.6; pl.8, 7, 8

GDR (Gera)

LPRotl

1980 Barthel (c), pl.7

GDR (Karl-Marx-Stadt)

LPRotl

S. candolleana (Brongniart 1828) Stur 1883

1976 Barthel et al., pl.17, 1–4, 5–10 (spore), 11

GDR (Karl-Marx-Stadt)

LPRotl

1980 Barthel (b), pl.1, A–F

GDR (Gera)

LPRotl

+ *S. cyathea* (Schlotheim 1804) Stur 1883

1980 Barthel (c), fig. p.278

(from Stur, 1883)

1980 Barthel (c), pl.3, 1

GDR (–)

LPRotl

1980 Barthel (c), pl.3, 2–9; pl.4; pl.8, 5, 6

GDR (Gera)

LPRotl

Remark: pl.3, 1 is the specimen originally figured
by Schlotheim (1804: pl.7)*S. densifolia* (Göppert 1864) Barthel, Götzelt et Urban 1976

1976 Barthel et al., pl.15, 1, 2, 3 (spore)

GDR (Karl-Marx-Stadt)

LPRotl

1980 Barthel (b), pl.2, A–C

GDR (Gera)

LPRotl

G. hemitelioides (Brongniart 1833) Stur 1883

1976 Barthel et al., pl.14, 1, 2, 3–13 (spore)

GDR (Karl-Marx-Stadt)

LPRotl

1980 Barthel (b), pl.4, A

GDR (Gera)

LPRotl

S. lepidorachis (Brongniart 1834) Barthel, Götzelt et Urban 1976Remark: in text *S. lepidorhachis*

1976 Barthel (b), pl.2, 5

GDR (Karl-Marx-Stadt)

LPRotl

Barthel et al., pl.12, 1–12; pl.13, 1–8,

9–24 (spore); pl.14, 14–21

GDR (Karl-Marx-Stadt)

LPRotl

S. oreopteridia (Sternberg 1825) Barthel 1980Remark: in text *S. oreopteridia* (Schlotheim) Barthel 1980

1980 Barthel (c), pls.1, 2

GDR (Gera)

LPRotl

S. permica (Němejc 1948) Barthel, Götzelt et Urban 1976

1976 Barthel et al., pl.15, 4–7, 8–10 (spore)

GDR (Karl-Marx-Stadt)

LPRotl

S. polymorpha (Brongniart 1828) Stur 1883

1980 Barthel (b), pl.2, D–F

GDR (Gera)

LPRotl

<i>S. polypodioides</i> (Presl 1838) Barthel, Götzelt et Urban 1976		
1976 Barthel et al., fig.7A–C; pl.15, 11, 12–17 (spore); pl.16, 1–12	GDR (Karl-Marx-Stadt)	LPRotl
<i>S. pseudobucklandii</i> (Andrae 1853) Stur 1883		
1980 Barthel (b), pl.3	GDR (Gera)	LPRotl
<i>Scopus</i> Benecke 1976		
<i>S. confertus</i> Benecke 1976		
1976 Benecke, fig.5	(rec.)	
1976 Benecke, figs.46–54	South Africa (Natal)	UP
Remark: organic connection and association with <i>Glossopteris</i> sp.		
<i>S. didiscus</i> Benecke 1976		
1976 Benecke, fig.6	(rec.)	
1976 Benecke, figs.69, 81–84, 93, 94	South Africa (Natal)	UP
Remark: association with <i>Glossopteris</i> sp.		
<i>S. gibbosus</i> Benecke 1976		
1976 Benecke, fig.4	(rec.)	
1976 Benecke, figs.42–45, 55–81, 85, 93, 94	South Africa (Natal)	UP
Remark: association and (?) organic connection with <i>Glossopteris</i> sp.		
<i>S. obscurus</i> Benecke 1976		
1976 Benecke, fig.7	(rec.)	
1976 Benecke, figs.86, 87, 89–94	South Africa (Natal)	UP
Remark: organic connection with <i>Glossopteris</i> sp.		
<i>Scutum</i> Plumstead 1952		
<i>S. sp.</i>		
1977 Pant, fig.8B	(rec. from Surange et Chandra, 1975)	
1977 Pant, fig.9A–C	(from Plumstead, 1958)	
1978 White, figs.59, 60	Australia (New South Wales)	UP
1978 White, figs.61, 62	Australia (New South Wales)	P
Remark: organic connection with <i>Glossopteris</i> sp.		
<i>S. dutoitides</i> Plumstead 1953		
1976 Schopf, fig.1(“”)	(scheme)	
<i>S. leslium</i> Plumstead 1952		
1979 Banerjee, pl.51, 15–19	India (West Bengal)	UPRani
Remark: organic connection with <i>Glossopteris browniana</i>		
<i>S. rubidgeum</i> Plumstead 1953		
1976 Schopf, fig.1(“”)	(scheme)	
<i>S. sahnii</i> Surange et Chandra 1974		
1978 White, fig.58	Australia (New South Wales)	P
Remark: organic connection with <i>Glossopteris conspicua</i>		
1979 Chandra et Surange, pl.13, 2; pl.22, f.8	India (Orissa)	LGRani
Remark: organic connection with <i>Glossopteris maculata</i>		
<i>Selaginella</i> Palisot de Beauvois 1805 (nom. cons.)		
<i>S. harrisiana</i> Townrow 1968		
1980 Retallack, fig.21.5G	Australia (New South Wales)	L–UP
<i>Senftenbergia</i> Corda 1845		
<i>S. saxonica</i> Barthel, Götzelt et Urban 1976		
1976 Barthel (b), pl.1, 4 (spore); pl.2, 2, 2A	GDR (Karl-Marx-Stadt)	LPRotl

1976 Barthel et al., pl.8, 1–5A, 6, 6A, B (spore);
pl.9, 1, 2, 3–7 (spore), 8, 9 (spore)

GDR (Karl-Marx-Stadt)

LPRotl

***Senothea* Banerjee 1969**

Remark: according to Farr et al.

(1979, p.1602) possibly *Senothea* Banerjee 1967

S. sp.

1976 Schopf, fig.7C

(from Banerjee, 1969)

1979 Banerjee, pl.50, 9

India (West Bengal)

UPRani

S. murulidihensis Banerjee 1969

1976 Schopf, fig.1(“”)

(scheme)

1977 Pant, fig.10B

(from Banerji, 1969)

1978 Rigby (a), figs.19, 20

Australia (New South Wales)

UP

1979 Banerjee, pl.50, 10

India (West Bengal)

UPRani

1979 Banerjee, pl.54, 8–10

(rec.)

Remark: organic connection with

Glossopteris clarkei

***Sigillaria* Brongniart 1822**

S. sp.

1977 Feng et al., fig.103

(scheme)

(C–P)

1977 Feng et al., pl.234, 14

China (Hunan)

LP

1978 Gillespie et al., fig.7

(rec.)

(UC–LP?)

1978 Ratkevich et La Fon, fig. p.49

USA (New Mexico)

LP

1979 Yuasa, fig.5.4

(scheme from Hirmer, 1927)

(C–P)

1979 Yuasa, fig.5.5

(scheme from Zeiller, 1914)

(C–P)

1980 Tian et Zhang, pl.26, 2, 2A, 2B; pl.27, 1, 1A

China (Guizhou)

UP

1980 X. number “1” in fig.

(rec. from Bertrand, 1943)

S. brardii Brongniart 1828

1976 Barthel et al., pl.29, 12, 13

GDR (Karl-Marx-Stadt)

LPRotl

1978 Gillespie et al., pl.17, 1, 6

USA (West Virginia)

UC–LP?

1978 Gillespie et al., pl.19, 3

(scheme)

(UC–LP?)

S. ichthyolepis (Presl 1838) Corda 1845

1977 Feng et al., pl.233, 2

China (Guangxi)

UP

S. tessellata Brongniart 1828

1977 Feng et al., fig.102

(scheme)

(C–P)

***Skokia* Radchenko 1969**

+ *S. elongata* Sukhov

1976 Durante, pl.72, 9, 10

Mongolia

L–UP

***Slivkovia* Meien 1969**

S. petschoriensis Meien 1969

1978 Meien, figs.20–23; pl.2, 9

USSR (Komi ASSR — Pechora
Basin —)

UP

***Solenobrasilioxylon* Mussa 1978**

S. irinei Mussa 1978

1978 Mussa (b), pl.2, 6–10

Brazil (São Paulo)

P

***Sparsistomites* Meien 1969**

S. communis Glukhova 1980

1980 Glukhova et Men'shikova, fig.1; pl.13, 1–4 (cuti)

USSR (Kemerovskaya oblast —
Kuzbass —)

UP

***Sphenobaiera* Florin 1936**

S. biloba Feng 1977

1977 Feng et al., pl.250, 1

China (Hunan)

UP

<i>S. digitata</i> (Brongniart 1828) Florin 1936		
1976 Daber et Helms, fig. p.75	GDR (Halle)	P
1977 Krumbiegel et Walther, fig.2.103.7	GDR (Halle)	UPKupf
1977 Krumbiegel et Walther, fig.2.108.1	(scheme from Mägdefrau)	
1977 Remy et Remy, fig.39	GDR (Halle)	UPKupf
1977 Schaumberg, fig.7	GFR (Hessen)	UPKupf
1980 Daber (b), figs.101, 102	GDR (Halle)	UPKupf
1980 Daber (b), fig.103	GDR (Erfurt)	LPRotl
<i>S. macrofolia</i> Burago 1977		
1977 Burago, pl.25, 1, 3, 6; pl.26, 1, 4	USSR (Primorskiy Kray)	UP
<i>S. spirata</i> Sze 1974		
1976 Huang, pl.224, 5–6(?)	China (Inner Mongolia)	L–UP
<i>S. tenuistriata</i> (Halle 1927) Florin 1936		
1978 Chen et al., pl.154, 3	China (Sichuan)	UP
<i>Sphenopecopteris</i> Zhang et Mo 1979		
<i>S. beaniata</i> Zhang et Mo 1979		
1979 Zhang et Mo, pl.1, 1–5; pl.2, 1	China (Henan)	LP
<i>Sphenophyllostachys</i> Seward 1896		
Remark: genus name is <i>Bowmanites</i> Binney 1871.		
See Farr et al. (1979, p.1647)		
<i>S. sp.</i>		
1980 Babin, fig.8.15	(scheme from Hirmer)	(D–T)
<i>Sphenophyllum</i> Brongniart 1828		
<i>S. sp.</i>		
1976 Balasundaram et al., pl.22, 2	(scheme)	
1976 Barthel (b), pl.3, 4	GDR (Karl-Marx-Stadt)	LPRotl
1976 Bohlin, figs.3, 4	China (Kansu)	UC–LP
1976 Bohlin, figs.313–315, 384, 386, 387, 464(?), 622–623; pl.19, 9, 10; pl.24, 7(?)		
1976 Grzimek, fig.8.15	China (Chinghai)	UC–LP
1976 Paliwal et al., fig.1	(rec.)	
1977 Huang, pl.17, 5	(scheme)	
1977 Zimina, pl.1, 7	China (Heilongjiang)	UP
1979 Major, fig.204	USSR (Primorskiy Kray)	LP
1979 Yuasa, fig.4.13	(scheme)	(D–T)
1980 Babin, fig.8.14A, B	(scheme from Hirmer, 1927)	(C–P)
1980 Zhao et al., pl.4, 6, 7	(scheme)	(D–T)
<i>S. angustifolium</i> (Germar 1845) Göppert 1848	China (Guizhou/Yunnan)	UP
1976 Barthel et al., pl.23, 1–10, 11–15 (spore)		
1977 Remy et Remy, fig.244A	GDR (Karl-Marx-Stadt)	LPRotl
1977 Remy et Remy, fig.244B	GDR (Gera)	LPAutu
1978 Gillespie et al., pl.29, 6, 7	(scheme)	(C–P)
1980 Storch, pl.12, 1	USA (West Virginia)	UC–LP?
<i>S. elagatifolium</i> Xi 1977	GDR (Gera)	LP
1977 Feng et al., pl.236, 1, 2		
<i>S. emarginatum</i> (Brongniart 1822) Brongniart 1828	China (Henan)	LP
1976 Bohlin, figs.2, 5–7; pl.1, 5; pl.2, 10 (all cf.)		
1978 Gillespie et al., pl.28, 2	China (Kansu)	UC–LP
1978 Gillespie et al., pl.28, 8; pl.29, 1	(scheme)	
<i>S. gongxianense</i> Xi 1977	USA (West Virginia)	UC–LP?
1977 Feng et al., pl.235, 11		
<i>S. kawasakii</i> Stockmans et Mathieu 1957	China (Henan)	LP
1976 Huang, pl.207, 3; pl.209, 5		
<i>S. koboense</i> Kobatake 1957	China (Inner Mongolia)	UC–LP
1977 Feng et al., pl.236, 9		
1980 Huang, pl.217, 1–4; pl.218, 4	China (Henan)	UP
	China (Liaoning)	UP

1980 Huang, pl.217, 5-6; pl.218, 5-6	China (Jilin)	UP
1980 Tian et Zhang, pl.4, 3-5, 7, 7A; pl.23, 1	China (Guizhou)	UP
1980 Zhao et al., pl.3, 5	China (Guizhou/Yunnan)	UP
<i>S. majus</i> (Bronn 1828) Bronn 1835		
1978 Gillespie et al., pl.29, 3	USA (West Virginia)	UC-LP?
<i>S. meyenii</i> Zimina 1977		
1977 Zimina, pl.1, 1-3	USSR (Primorskiy Kray)	LP
<i>S. minor</i> (Sterzel 1895) Gu et Zhi 1974		
1976 Huang, pl.210, 6, 7	China (Inner Mongolia)	L-UP
<i>S. oblongifolium</i> (Germar et Kaulfuss 1831) Germar 1845		
1976 Barthel (b), pl.1, 1; pl.2, 3, 4	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., fig.8A-C; pl.19, 1-4A, 5-15; pl.20, 1-7; pl.21, 1-9; pl.22, 1-3; pl.24, 1-5; pl.30, 9, 10	GDR (Karl-Marx-Stadt)	LPRotl
Remark: descr./fills. include cuticles and spores		
1976 Huang, pl.208, 2-4	China (Inner Mongolia)	UC-LP
1977 Krumbiegel et Walther, fig.2.92.8-9	(scheme)	(C-P)
1977 Remy et Remy, fig.246C	(scheme)	(C-P)
1978 Gillespie et al., pl.29, 4, 5	USA (West Virginia)	UC-LP?
1980 Huang, pl.217, 7	China (Liaoning)	UC-LP
1980 Huang, pl.217, 8-9	China (Jilin)	UC-LP
1980 Storch et Barthel, pl.3, 1-8	GDR (Karl-Marx-Stadt)	LPRotl
<i>S. osipoviense</i> Zimina 1977		
1977 Zimina, fig.9; pl.1, 4-6	USSR (Primorskiy Kray)	LP
<i>S. sakoense</i> Appert 1977		
1977 Appert, pl.7, 2-5; pl.8	Madagascar (Sakoa Basin)	LGKarb-Bara?
<i>S. scopulatum</i> Sze 1974		
1976 Huang, pl.210, 1-3	China (Inner Mongolia)	LP
<i>S. sino-coreanum</i> Yabe 1920		
1978 Zhang, pl.150, 10	China (Guizhou)	UP
<i>S. sino-coreanum</i> Yabe 1920 ssp. <i>dentatum</i> Zhang 1978		
1978 Zhang, pl.151, 7	China (Guizhou)	UP
1980 Zhao et al., pl.6, 1, 2	China (Guizhou/Yunnan)	UP
<i>S. spathulatum</i> Sze 1974		
1976 Huang, pl.210, 4, 5	China (Inner Mongolia)	L-UP
<i>S. speciosum</i> (Royle 1833) McClelland 1850		
1976 Hsü, pl.1, 1A, 2, 3	China (Xizang)	UP
1978 Rösler, pl.1, 7 (cf.)	Brazil (Paraná)	UP
1978 Zhang, pl.150, 3	China (Guizhou)	UP
1979 Van Dijk et al., pl.45, 7-12	South Africa (Natal)	UP
1980 Huang, pl.217, 11 (cf.)	China (Jilin)	UP
<i>S. thonii</i> Mahr 1868		
1976 Barthel (b), pl.4, 7	GDR (Karl-Marx-Stadt)	LPRotl
1976 Barthel et al., pl.24, 8, 9	GDR (Karl-Marx-Stadt)	LPRotl
1976 Le Roux, pl.2, 8-10 (cf.)	South Africa (Transvaal)	LP
1977 Feng et al., pl.235, 12	China (Henan)	LP
1977 Krumbiegel et Walther, fig.2.92.10	(scheme)	
1977 Remy et Remy, fig.247A, B	GDR (Gera)	LPAutu
1977 Remy et Remy, fig.247C	(scheme)	
1980 Huang, pl.237, 6	China (Jilin)	LP
<i>S. verticillatum</i> Zeiller 1885		
1977 Feng et al., pl.235, 6	China (Henan)	LP
<i>S. yiyangense</i> Xi 1977		
1977 Feng et al., pl.236, 3-6	China (Henan)	LP
<i>S. yujaense</i> Huang 1980		
1980 Huang, pl.218, 1-3	China (Liaoning)	LP

***Sphenopteridium* Schimper 1874**

<i>S. pseudogermanicum</i> (Halle 1927) Gu et Zhi 1974		
1976 Huang, pl.213, 1-3	China (Inner Mongolia)	LP

1977 Feng et al., pl.241, 5
1980 Tian et Zhang, pl.7, 3, 3A

***Sphenopteris* (Brongniart 1822) Sternberg 1825**

S. sp.

1976 Balasundaram et al., pl.22, 4
1976 Bohlin, figs.138bis, 197, 198, 203(?), 206bis(?), 534 (cf.),
pl.12, 6(?), 8, 9; pl.13, 1, 3; pl.31, 6 (cf.)
1976 Bohlin, figs.202, 445, 450(?), 452, 454, 461(?),
462–463, 485, 677(?), 690; pl.20, 7; pl.21, 4–5 (""");
pl.22, 13 (cf.); pl.23, 6(?); pl.26, 6, 7; pl.28, 12(?)
1976 Huang, pl.214, 2
1977 Appert, pl.9, 6–12
1977 Bose et al., fig.2B; pl.1, 9 (all ?)
1979 Van Dijk et al., pl.45, 10, 16(?)
1979 Yuasa, fig.3.6
1980 Tian et Zhang, pl.7, 1, 1A
S. alata (Brongniart 1829) Presl 1838
1978 Cazzulo-Klepzig, fig.6A; pl.2, 1–2
Remark: in text fig.6; pl.10, 1–2
1979 Van Dijk et al., pl.46, 15
S. damesi (Stur 1883) Zeiller 1907
1976 Bohlin, fig.205 (cf.)
S. dichotoma Althaus 1846
1977 Schaumberg, fig.4
S. firmata Sze 1974
1976 Huang, pl.212, 2, 2A; pl.215, 1
S. fossorum Zeiller 1888
1977 Tenchov (a), pl.2, 1
S. germanica Weiss 1879
1976 Alvarez-Ramis et Doubinger, fig.5
1976 Barthel et al., pl.31, 4
1977 Remy et Remy, fig.87A–E
1978 Remy, fig.1
1980 Pfefferkorn et Resnik, pl.1, 1–4
S. gongxianensis Xi 1977
1977 Feng et al., pl.241, 1, 2
S. grabaui Halle 1927
1976 Durante, pl.23, 3 (aff.), 4–5 (ex gr.)
S. guetzoldii Gutbier 1849
1976 Barthel et al., pl.10, 9, 10
S. heilongjiangensis Huang 1977
1977 Huang, fig.6; pl.9, 5; pl.10, 1; pl.11, 1–7
S. hughesii (Feistmantel 1881) Arber 1905
1976 Lele (b), fig.6
S. huihuipuenensis Bohlin 1976
1976 Bohlin, figs.200, 201, 206 (cf.); pl.12, 7; pl.13, 2, 4
S. incrassata Nejbürg 1948
1977 Huang, pl.7, 4; pl.8, 2–3
S. interrupte-pinnata Kutorga 1838
1978 Remy et Remy (c), fig.1
1978 Remy et Remy, pl.7, 9 (cf., """)
S. kukukiana Gothan et Nagalhard 1922
1977 Remy et Remy, fig.89A, B
1978 Remy et Remy (c), pl.7, 4–5.6 (? , cf.)
S. lobifolia Morris 1845
1978 Cazzulo-Klepzig, fig.6B; pl.3, 3
Remark: in text fig.6; pl.7, 2
S. mathetii Zeiller 1888
1976 Barthel (b), pl.1, 7
1976 Barthel et al., pl.40, 1–7

China (Guangdong)
China (Guizhou)

UP
UP

(scheme)

China (Kansu)

UC–LP

China (Chinghai)
China (Inner Mongolia)
Madagascar (Sakoa Basin)
India (Madhya Pradesh)
South Africa (Natal)
(scheme from Halle, 1931)
China (Guizhou)

UC–LP
UP
LGKarrh–Bara?
UP–LT
UP
(C–P)
UP

Brazil (Santa Catarina)

UPKaza–Tata

South Africa (Natal)

UP

China (Kansu)

UC–LP

GFR (Hessen)

UPKupf

China (Inner Mongolia)

L–UP

Bulgaria (Northwest)

LP

France (Loire)
GDR (Leipzig)
GDR (Suhl)
(rec.)
USA (Colorado)

UCStep–LPAutu
LPRotl
LPAutu
LPAutu

China (Henan)

LP

Mongolia

UP

GDR (Karl-Marx-Stadt)

LPRotl

China (Heilongjiang)

UP

(scheme)

China (Kansu)

UC–LP

China (Heilongjiang)

LP

USSR (West Ural)
Italy (Brescia)

UPKupf
LPSaxo

Italy (Brescia)
Italy (Brescia)

LPSaxo
LPSaxo

Brazil (Santa Catarina)

UPKaza–Tata

GDR (Karl-Marx-Stadt)
GDR (Karl-Marx-Stadt)

LPRotl
LPRotl

<i>S. patens</i> (Althaus 1846) Geinitz 1848		
1977 Schaumberg, fig.5	GFR (Hessen)	UPKupf
1978 Remy et Remy (c), pl.7, 7, 8	Italy (Brescia)	LPSaxo
<i>S. polymorpha</i> Feistmantel 1876		
1976 Lele (b), fig.7A	(scheme)	
<i>S. rotundata</i> Sze 1974		
Remark: in text <i>S. rotunda</i>		
1976 Huang, pl.212, 3, 3A	China (Inner Mongolia)	L-UP
<i>S. sellardsii</i> Baxter 1978		
1978 Baxter, figs.1- 4	USA (Kansas)	LP
<i>S. suessii</i> Geinitz 1869		
1977 Remy et Remy, fig.88	Italy (Brescia)	LPSaxo
1978 Remy et Remy (c), pl.7, 1- 3	Italy (Brescia)	LPSaxo
<i>S. taiyuanensis</i> Halle 1927		
1976 Durante, fig.30; pl.20, 4, 5; pl.46, 4	Mongolia	UP
<i>S. tenuis</i> Schenk 1883		
1977 Feng et al., pl.240, 1	China (Henan)	LP
1978 Zhang, pl.153, 3	China (Guizhou)	UP
1979 Asama, fig.17D	China (Shanxi)	P
<i>S. tunguscana</i> (Schmalhausen 1879) Zalesky 1918		
1976 Durante, pl.18, 1- 4; pl.23, 1	Mongolia	LP
<i>S. yichunensis</i> Huang 1977		
1977 Huang, pl.8, 1	China (Heilongjiang)	UP

***Sphenozamites* (Brongniart 1849) Miquel 1851**

<i>S. sp.</i>		
1979 Vozenin-Serra, pl.2, 9; pl.3, 10- 14 (cuti) (all ?)	Laos ()	P
<i>S. permicus</i> Burago 1977		
1977 Burago, pl.27, 1, 2	USSR (Primorskiy Kray)	UP

***Sphyropteris* Stur 1883**

<i>S. sp.</i>		
1977 Remy et Remy, fig.59	(scheme)	(C-P)

***Sporophyllites* Chalyshev ex Fefilova 1978**

<i>S. petschorensis</i> (Schmalhausen 1879) Fefilova 1978		
1978 Fefilova (a), figs.1-7; pl.1, 1-5; pl.2, f.1- 5	USSR (Komi ASSR — Pechora Basin —)	UP
Remark: descr./ills. include cuticles and spores (<i>Vitreisporites</i>)		

***Squamella* White 1978**

<i>S. ampla</i> White 1978		
1978 White, figs.27- 31	Australia (New South Wales)	UP
1978 White, fig.32	(scheme)	
Remark: association with <i>Glossopteris ampla</i>		
<i>S. australis</i> White 1978		
1978 White, fig.1	(scheme)	
1978 White, figs.3- 25	Australia (New South Wales)	UP
1978 White, fig.35	(rec.)	
Remark: organic connection with <i>Glossopteris australis</i> and sporangia. The species includes " <i>Lidgettonia</i> " <i>australis</i> White 1964		
<i>S. ovulifera</i> White 1978		
1978 White, fig.26	Australia (New South Wales)	UP
Remark: organic connection with leaf fragment and seed		

Squamocarpus* Mo 1980S. papilioformis* Mo 1980

1980 Zhao et al., pl.19, 13, 14

China Guizhou/Yunnan)

UP

***Stellotheca* Surange et Prakash 1962**Remark: non *Stellotheca* Danz -Corsin 1956.Substitute name *Lelstotheca* Maheshwari 1972.

See Farr et al. (1979, p.951)

S. robusta (Feistmantel 1880) Surange et Prakash 1962

1978 Maithy et Mandal, figs.1–3; pl.1, 1–3; pl.2, 5–9

India (Bihar)

LG

***Stephanophyllites* Millan et Dolianiti 1977**

Remark: mentioned as new genus by Millan

et Dolianiti (1979, p.1). 1977 paper

unknown to the compilers of IFPM

S. sanpaulensis Millan et Dolianiti 1977

1979 Millan et Dolianiti, fig.2

Brazil (S o Paulo)

LP

1980 Millan et Dolianiti, fig.1; pl.1, 1–4;

pl.2, 5–11; pl.3, 12–17

Brazil (S o Paulo)

LP

1980 Millan et Dolianiti, fig.2

(rec.)

+ *Stephanostoma* Pant et Nautiyal 1960Remark: non *Stephanostoma* (Mitten 1873) Kindberg 1899

See Farr et al. (1979, p.1677)

S. crystallinus Pant et Nautiyal 1960

1977 Pant, fig.6A

(from Pant et Nautiyal, 1960)

Stigmaria* Brongniart 1822S. sp.*

1980 Tian et Zhang, pl.24, 2–4A; pl.25, 4

China (Guizhou)

UP

S. ficoides (Sternberg 1820) Brongniart 1822

1978 Chen et al., pl.150, 1

China (Sichuan)

UP

1978 Gillespie et al., pl.19, 1; pl.21, 3–5

USA (West Virginia)

C–LP?

1978 Tian et Zhang, pl.3, 3

China (Guizhou)

UP

1978 Zhang, pl.150, 1

China (Guizhou)

UP

1978 Zhao et al., pl.2, 9

China (Guizhou/Yunnan)

UP

S. rugulosa Gothan 1923

1977 Feng et al., pl.234, 5

China (Guangdong)

UP

1978 Zhang, pl.150, 2

China (Guizhou)

UP

1980 Tian et Zhang, pl.4, 1, 2

China (Guizhou)

UP

Stockmansia* Bohlin 1979S. salviniaefolia* (Stockmans et Mathieu 1939) Bohlin 1976

1976 Bohlin, figs.178, 179, 687, 705, 727; pl.9,

3–9; pl.31, 3; pl.32, 10–12

China (Kansu)

UC–LP

Strigillotheca* Gu et Zhi 1974S. fasciculata* Gu et Zhi 1974

1978 Zhang, pl.164, 8, 9

China (Guizhou)

UP

1980 Zhao et al., pl.22, 4

China (Guizhou/Yunnan)

UP

Stylocalamites* Weiss 1884S. sp.*

1978 Gillespie et al., fig.10F

(scheme)

(C–P)

Subsigillaria* Mercenier 1913S. sp.*

1977 Krumbiegel et Walther, fig.2.89.2 (scheme from Potonié)

Supaia* White 1929S. linearifolia* White 1929

1976 Doubinger et Heyler, fig.1

(rec. from White, 1929)

1980 Huang, fig.34

(rec.)

S. serrata Hu 1980

1980 Hu, fig.1; pl.1, 4 (all ?)

China (Xinjiang)

UP

S. shenshuensis Huang 1977

1977 Huang, fig.15; pl.27, 1; pl.40, 1

China (Heilongjiang)

UP

S. thinnfeldioides White 1929

1976 Doubinger et Heyler, pl.1, 1-3 (aff.)

France (Hérault)

LPAutu?

S. tieliensis Huang 1977

1977 Huang, fig.14; pl.36, 1-3; pl.37, 1-2; pl.38, 1-5

China (Heilongjiang)

UP

1980 Huang, pl.253, 1; pl.261, 1-2

China (Heilongjiang)

UP

Remark: in text *S. tieliensis****Sylvella* Zalesky 1937***S. sp.*

1976 Bohlin, fig.264; pl.16, 8-9 (all cf.)

China (Kansu)

UC LP

1980 Durante, fig.5

China (Xizang)

UP

Synia* Zalesky 1934S. perelegans* Zalesky 1934

1976 Bohlin, fig.694

(from Zalesky)

Syniopteris* Zalesky 1929S. sp.*

1980 Durante, fig.4

China (Xizang)

UP

Syrjagia* Fefilova 1973S. lituata* Fefilova 1973

1978 Fefilova (b), fig.15; pls.14, 15

USSR (Komi ASSR)

UPKaza

S. rectiserialis Fefilova 1973

1978 Fefilova (b), fig.16; pl.16

USSR (Komi ASSR)

LPUfim

Taeniopteris* Brongniart 1828T. sp.*

1976 Bohlin, fig.184 (cf.)

China (Kansu)

UC LP

1976 Bohlin, fig.300; pl.17, 9, 10

China (Chinghai)

UC-LP

1976 Durante, pl.57, 1, 6

Mongolia

UP

1978 Burago, fig.3; pl.9, 7, 8, 10, 11

USSR (Primorskiy Kray)

UP

1979 He et al., pl.56, 1

China (Guizhou)

UP

1980 Tian et Zhang, pl.12, 3; pl.17, 2; pl.18, 1

China (Guizhou)

UP

T. abnormis Gutbier 1835Remark: according to Barthel correct
name for specimens commonly identified
as *T. multinervis*

1976 Barthel (b), pl.4, 11

GDR (Karl-Marx-Stadt)

LPRotl

Barthel et al., pl.38, 1-5

GDR (Karl-Marx-Stadt)

LPRotl

T. crassinervis Mo 1980

1980 Zhao et al., pl.18, 6, 7

China (Guizhou/Yunnan)

UP

T. densissima Halle 1927

1980 Huang, pl.226, 8; pl.240, 7 (all cf.)

China (Liaoning)

UP

<i>T. doubingeri</i> Remy et Remy 1975		
1977 Remy et Remy, fig.67A, B	France (Saône-et-Loire)	LPAutu
<i>T. eckardtii</i> Germar MS ex Kurtze 1839		
1977 Krumbiegel et Walther, fig.2.103.6	GDR (Halle)	UPKupf
1977 Schaumberg, fig.6	GFR (Hessen)	UPKupf
<i>T. guangxingensis</i> Huang 1980		
1980 Huang, pl.240, 4	China (Liaoning)	UP
<i>T. hunanensis</i> Gu et Zhi 1974		
1977 Feng et al., pl.249, 1, 2	China (Henan)	UP
<i>T. integra</i> Stockmans et Mathieu 1957		
1980 Huang, fig.41; pl.240, 1	China (Liaoning)	LP
<i>T. jejunata</i> Brongniart 1828		
1976 Barthel et al., pl.38, 6, 7, 8–9 (cuti)	GDR (Karl-Marx-Stadt)	LPRotl
1977 Krumbiegel et Walther, fig.2.96.10	(scheme)	
1977 Remy et Remy, fig.65A	GDR (Gera)	LPAutu
1977 Remy et Remy, fig.65C	(from Remy, 1953)	(C–P)
<i>T. multinervis</i> Weiss 1869		
1977 Remy et Remy, fig.66A, B	GFR (Saarland)	LPAutu
Remark: in text <i>T. multinervia</i>		
1978 Chen et al., pl.153, 4	China (Sichuan)	UP
<i>T. multinervis</i> Weiss 1869 fa. <i>fallax</i> Göppert 1864–1865		
1979 Doubinger et Alvarez-Ramis, pl.1, 1; pl.2, 1, 3	France (Vosges)	LPAutu
<i>T. norinii</i> Halle 1927		
1976 Huang, pl.221, 6	China (Inner Mongolia)	LP
1978 Chen et al., pl.153, 5	China (Sichuan)	UP
<i>T. nystroemii</i> Halle 1927		
1978 Zhang, pl.161, 3 (cf.)	China (Guizhou)	UP
1980 Tian et Zhang, pl.19, 7	China (Guizhou)	UP
<i>T. primorjensis</i> Burago 1978		
1978 Burago, pl.9, 1–6	USSR (Primorskiy Kray)	UP
<i>T. punctifera</i> Appert 1977		
1977 Appert, pl.34, 4–9; pl.35, 1–6	Madagascar (Sakoa Basin)	LGKarh–Bara?
<i>T. rarineris</i> Zhao 1980		
1980 Zhao et al., pl.22, 1–1A(?)	China (Guizhou/Yunnan)	UP
<i>T. sinegorkiensis</i> Burago 1978		
1978 Burago, pl.9, 9	USSR (Primorskiy Kray)	UP
+ <i>T. szei</i> Chow		
1980 Huang, fig.40; pl.222, 3–7; pl.240, 5	China (Liaoning)	L–UP
<i>T. taiyuanensis</i> Halle 1927		
1977 Feng et al., pl.249, 3	China (Henan)	UP
1978 Chen et al., pl.155, 5	China (Sichuan)	UP
1980 Huang, pl.240, 2–3A (cf.)	China (Jilin)	LP
<i>T. tingii</i> Halle 1927		
1976 Huang, pl.211, 5	China (Inner Mongolia)	LP
1977 Feng et al., pl.249, 4	China (Henan)	UP
<i>Tatarina</i> Meien 1969		
<i>T. conspicua</i> Goman'kov et Meien 1979		
1979 Goman'kov et Meien, figs.1, 2G,D, 6–9 (cuti); pl.14, 7; pl.15, 1–2 (cuti)	USSR (Vologda — Aristovo —)	UPTata
<i>T. lobata</i> Meien 1980		
1980 Meien et Goman'kov, figs.8, 9–10 (cuti); pl.13, 1, 2, 3–5 (cuti)	USSR (Krasnoyarskiy Kray — Tungusk Basin —)	UP
<i>T. pinnata</i> Goman'kov et Meien 1979		
1979 Goman'kov et Meien, fig.2A, V, B; pl.15, 3 (cuti)	USSR (Vologda — Aristovo —)	UPTata
<i>T. sadovnikovii</i> Meien 1980		
1980 Meien et Goman'kov, figs.11–13; pl.13, 6–10	USSR (Krasnoyarskiy Kray — Tungusk Basin —)	UP
Remark: descr./ills. include cuticles		

<i>T. sinuosa</i> Goman'kov 1980		
1980 Meien et Goman'kov, figs.1–5; pl.12, 1–7	USSR (Vologda — Aristovo — ?)	UP
Remark: descr./ills. include cuticles		
<i>T. verrucosa</i> Goman'kov 1980		
1980 Meien et Goman'kov, figs.6–7 (cuti); pl.12, 8–9 (cuti)	USSR (Vologda — Aristovo — ?)	UP
<i>Taxopitys</i> Kräusel 1928		
<i>T. africana</i> Kräusel 1928		
1978 Mussa (a), fig.2C	(scheme from Kräusel)	
<i>T. indica</i> Prasad et Chandra 1978		
1978 Prasad et Chandra (a), figs.1–4	India (Maharashtra)	UPKamt
<i>T. jollyi</i> Kräusel 1928		
1978 Mussa (a), fig.3A, B; pl.1, 1–3	(scheme from Kräusel, 1928)	
<i>Tchernovia</i> Zalesky 1930		
Remark: commonly spelled <i>Tschernovia</i> .		
See Farr et al. (1979, p.1727)		
<i>T. sp.</i>		
1976 Durante, pl.56, 5; pl.57, 7	Mongolia	UP
<i>Telangium</i> Benson 1904		
<i>T. sp.</i>		
1978 Remy et Remy (c), pl.8, 12–14 (aff.)	Italy (Brescia)	LPSaxo
<i>Thallites</i> Kidston ex Walton 1925		
<i>T. sp.</i>		
1980 Zhao et al., pl.1, 4	China (Guizhou/Yunnan)	UP
<i>Thamnopteris</i> Brongniart 1849		
<i>T. sp.</i>		
1976 Fischer et Gayard-Valy, fig.81	Australia (· ·)	P
<i>T. schlechtendalii</i> (Eichwald 1842) Brongniart 1849		
1980 Bold et al., fig.19–66	(from Delevoryas)	
<i>Thinnfeldia</i> Ettingshausen 1852		
<i>T. callipteroides</i> Carpentier 1935		
1976 Gould, fig.4H(“”)	(scheme)	(P–T)
1977 Retallack, fig.6(1–3)(“”)		UP
1980 Retallack, fig.21.6B–C(“”), fig.21.6D(“”, cuti)	Australia (New South Wales)	UP
<i>Tingia</i> Halle 1925		
<i>T. sp.</i>		
1976 Bohlin, fig.627(?)	China (Chinghai)	UC–LP
<i>T. carbonica</i> (Schenk 1883) Halle 1925		
1976 Asama, fig.1(14)	(scheme)	
1977 De la Peña et al., pl.3, 4	Spain (Soria)	LPAutu
1977 Feng et al., pl.239, 8	China (Guangdong)	UP
1979 Asama, fig.3(14)	(scheme)	(C–P)
1980 Asama, fig.5	(scheme)	
1980 Huang, pl.226, 1–5	China (Liaoning)	LP
<i>T. crassinervis</i> Halle 1925		
1976 Asama, fig.1(15)	(scheme)	
1979 Asama, fig.3(15)	(scheme)	
1980 Asama, fig.5	(scheme)	
<i>T. hamaguchii</i> Kon'no 1929		
1976 Huang, pl.211, 1–3	China (Inner Mongolia)	LP
1980 Huang, pl.226, 7	China (Liaoning)	LP

<i>T. partita</i> Halle 1927		
1976 Asama, fig.1(13)	(scheme)	
1979 Asama, fig.3(13)	(scheme)	
1980 Asama, fig.5	(scheme)	
1980 Huang, pl.226, 6; pl.228, 1	China (Liaoning)	LP
<i>T. yichuanensis</i> Feng 1977		
1977 Feng et al., pl.238, 9	China (Henan)	UP
<i>Tingiostachya</i> Kon'no 1929		
<i>T. sp.</i>		
1977 Feng et al., pl.240, 9	China (Henan)	LP
<i>Tordoxylon</i> Kräusel 1956		
<i>T. sanpaulense</i> Mussa 1978		
1978 Mussa (c), figs.2A, B, 4; pl.1, 1–5; pl.2, 6–10; pl.3, 11–17; pl.6, 38	Brazil (São Paulo) (rec.)	M–UP
1978 Mussa, fig.3A		
<i>T. steynspruitense</i> Kräusel 1956		
1978 Mussa (c), fig.2C	South Africa (Orange Free State)	Ecce
Remark: in text <i>T. steinprutense</i>		
<i>Trichopitys</i> Saporta 1875		
<i>T. gracilis</i> (Boersma et Visscher 1969) Remy et Remy 1977		
1977 Remy et Remy, fig.38	France (Var)	LPSaxo–UP
<i>T. heteromorpha</i> Saporta 1875		
1976 Bohlin, fig.692	(from Florin, 1949)	
Remark: in text <i>T. heterophylla</i>		
1977 Remy et Remy, fig.37A	GDR (Erfurt)	LPAutu
1977 Remy et Remy, fig.37B	France (Hérault)	LPAutu
<i>Tricoemlectopteris</i> Asama 1959		
<i>T. taiyuanensis</i> Asama 1959		
1976 Asama, fig.1(4)	(scheme)	
1976 Asama, pl.29, f.1	China (Shanxi)	UP
1979 Asama, fig.2A	China (Shanxi)	UP
1979 Asama, figs.3(4), 4A	(scheme)	
1980 Asama, fig.5	(scheme)	
<i>Trigonocarpum</i> Brongniart 1828 ex Endlicher 1837		
Remark: commonly spelled <i>Trigonocarpus</i> .		
See Farr et al. (1979, p.1795)		
<i>T. sp.</i>		
1976 Barthel et al., pl.39, 2	GDR (Karl-Marx-Stadt)	LPRotl
1978 Gillespie et al., pl.37, 3, 4, 6, 7, 9	USA (West Virginia)	UC–LP?
<i>T. laguncula</i> Bohlin 1976		
1976 Bohlin, figs.229, 232, 234, 235(?), 238–241, 243, 275, 521, 523; pl.15, 7, 10–12; pl.16, 1, 13 (cf.); pl.27, 14–18	China (Kansu)	UC–LP
<i>T. noeggerathii</i> Brongniart 1828		
1976 Barthel et al., pl.40, 9	GDR (Karl-Marx-Stadt)	LPRotl
<i>Trithectopteris</i> Pant et Misra 1977		
<i>T. gondwanensis</i> Pant et Misra 1977		
1977 Pant et Misra, figs.3, 4; pl.3, 1–6; pl.4, 1–11	India (West Bengal)	UPRani
Remark: descr./ills. include cuticles and spores		

***Trizygia* Royle 1834**+ *T. grandifolia* (Kobatake 1957)

1976 Asama, fig.1(18)

(scheme)

1979 Asama, fig.3(18)

(scheme)

1979 Yuasa, fig.4.14

(scheme from Feistmantel, 1880) (C-P)

+ *T. oblongifolia* (Germar et Kaulfuss 1831)

1976 Asama, fig.1(16)

(scheme)

1979 Asama, fig.3(16)

(scheme)

T. sino-coreana (Yabe 1922) Asama 1970

1976 Asama, fig.1(18)

(scheme)

1979 Asama, fig.3(18)

(scheme)

T. speciosa Royle 1834

1976 Asama, fig.1(17)

(scheme)

1978 Maithy, figs.1-4; pl.1, 1-6; pl.2, 7-9

India (West Bengal)

UPRani

1978 Maithy, fig.5

(rec.)

Remark: descr./ills. include cuticles
and anatomical details

1979 Asama, fig.3(17)

(scheme)

Tubicaulis* Cotta 1832T. solenites* (Sprengel 1828) Cotta 1832

1976 Barthel et al., pl.2, 2

GDR (Karl-Marx-Stadt)

LPRotl

Tungussocarpus* Sukhov 1969T. sp.*

1980 Goman'kov et Meien, fig.1(6)

(scheme)

T. tychtensis (Zalessky 1937) Sukhov 1969

1976 Durante, pl.72, 2-8

Mongolia

UP

Tychtopteris* Zalessky 1930T. arunensis* Huang 1980

1980 Huang, fig.36; pl.258, 5

China (Heilongjiang)

UP

T. cuneata Zalessky 1930

1976 Durante, pl.55, 1, 2

Mongolia

UP

1977 Huang, pl.22, 4

China (Heilongjiang)

UP

T. densinervis Hu 1980

1980 Hu, pl.2, 4-6

China (Xinjiang)

UP

T. obesa Hu 1980

1980 Hu, pl.2, 1-3A

China (Xinjiang)

UP

Tylodendron* Weiss 1870T. speciosum* Weiss 1870

1980 Guerra-Sommer, pl.1, 1-3

Brazil (Paraná)

UC LP

1980 Guerra-Sommer, pl.1, 4, 5

(from Weiss, 1869)

Remark: in text *T. speciosum* (Weiss) Florin 1940.

See Farr et al. (1979, p.1818)

Ullmannia* Göppert 1850U. sp.*

1977 Jung, fig.2

Italy (Bolzano)

UP

1979 Asama, fig.12f

(scheme)

1979 Yuasa, fig.5.9

(scheme from Florin, 1944)

Remark: in text *Ullmannia**U. bronnii* Göppert 1850

1977 Feng et al., pl.251, 3-4

China (Guangxi)

UP

1977 Feng et al., pl.251, 5

China (Guangdong)

UP

1977 Jung, pl.17, 3

Italy (Bolzano)

UP

1977 Krumbiegel et Walther, fig.2.103.1
 1977 Remy et Remy, fig.46C
 1977 Schaumberg, fig.11
 1977 Vogellehner (b), fig.3C, D
 1978 Miller, fig.2D
 1978 Zhang, pl.165, 14
 1980 Kämpfe, fig.7.13F
 1980 Zhao et al., pl.17, 6–6A (cf.)
 + *U. frumentaria* (Schlotheim 1820) Göppert 1850
 1977 Feng et al., pl.251, 1, 2
 1977 Jung, pl.18, 4 (cf.)
 1977 Krumbiegel et Walther, fig.2.102
 1977 Remy et Remy, fig.46A
 1977 Remy et Remy, fig.46B
 1977 Schaumberg, figs.8–10
 1978 Daber et Helms, fig. p.196
 1978 Doubinger et al., pl.1, 3–5; pl.2, 7–9
 1978 Remy et Remy (c), pl.8, 17, 18, 19–20 (cf.)
 1980 Zhao et al., pl.6, 5–6 (cf.)
U. lycopodioides (Brongniart 1828) Göppert 1850
 1979 Schniepp, fig.14

***Umbellaphyllites* Rasskazova 1961**

Remark: in text *Umbelliphyllites*
U. annularioides Rasskazova 1961
 1977 De la Peña et al., pl.3, 5, 6
U. nacumilensis Verbitskaya 1980
 1980 Verbitskaya (c), pl.8, 2–5

***Urnatopteris* Kidston 1884**

U. sp.
 1977 Remy et Remy, fig.60

***Uskatia* Nejbürg 1960**

U. conferta Nejbürg 1960
 1979 Lacey, fig.1(5)
U. dentata Fefilova 1978
 1978 Fefilova (b), fig.9A, G; pl.9, 1–2
 1978 Fefilova (b), fig.9B, V, D; pl.9, 3
U. vicina Fefilova 1978
 1978 Fefilova (b), fig.10; pl.8, 1, 2, 3 (cf.)

***Validopteris* Bertrand 1932**

V. sp.
 1976 Bohlin, fig.287(“”)
 1976 Bohlin, fig.715; pl.30, 2(“”)
V. kokonoriensis Bohlin 1976
 1976 Bohlin, figs.280, 576, 680; pl.17, 8; pl.18, 1–2 (all “”)

***Vannus* Plumstead 1963**

Remark: in text *Vannus* Plumstead 1962.
 See Farr et al. (1979, p.1837)
V. sp.
 1978 White, figs.67, 68
 Remark: organic connection with sporangial clusters

GFR (Rheinland-Westfalen) UPKupf
 (from Weigelt, 1928)
 GFR (Hessen) UPKupf
 (from Zimmermann, 1959)
 (rec. from Florin, 1951)
 China (Guizhou) UP
 (scheme from Zimmermann, 1959)
 China (Guizhou/Yunnan) UP

 China (Guangdong) UP
 Italy (Bolzano) UP
 GFR (Hessen) UPKupf
 – UPKupf
 (from Weigelt, 1928)
 GFR (Hessen) UPKupf
 GDR (Halle) UPKupf
 Spain (Gerona) LPAutu
 Italy (Brescia) LPSaxo
 China (Guizhou/Yunnan) UP

 GDR (Suhl) UPZech

Spain (Soria) LPAutu

 USSR (Krasnoyarskiy Kray —
 Tungusk Basin —) UP

(scheme) (C–P)

(from Nejbürg, 1960)

USSR (Komi ASSR) LPUfim
 USSR (Komi ASSR) UPKaza

 USSR (Komi ASSR) LPUfim

China (Chinghai) UC–LP
 China (Kansu) UC–LP

 China Chinghai) UC–LP

Australia (New South Wales) UP

Venustostrobus Chandra et Surange 1977

V. sp.		
1977 Chandra et Surange (c), fig.2G,H; pl.1, 7, 8	India (-)	P
V. <i>diademus</i> Chandra et Surange 1977		
1977 Chandra et Surange (e), figs.9–13; pl.4, 19–23; pl.5, 26	India (West Bengal)	UPRani
1977 Chandra et Surange (e), fig.15A	(rec.)	
Remark: descr./ills. include cuticles and seeds.		
Organic connection with <i>Glossopteris contracta</i>		
1978 Surange et Chandra, pl.4, 3	(rec.)	
1979 Chandra et Surange, pl.13, 4; pl.22, 10	India (West Bengal)	LGRani
Remark: organic connection with <i>Glossopteris pantii</i>		
V. <i>indicus</i> Chandra et Surange 1977		
1977 Chandra et Surange (b), figs.1, 2, 5–7; pl.1, 6; pl.2, 7 14	India (West Bengal)	LGRani
1977 Chandra et Surange (b), fig.8	(rec.)	
Remark: descr./ills. include cuticles.		
Organic connection with <i>Glossopteris</i> sp.		
1979 Chandra et Surange, pl.14, 1	India (West Bengal)	LGRani
Remark: organic connection with <i>Glossopteris pantii</i>		

Vertebraria Royle 1839 ex McCoy 1847

V. sp.		
1976 Balasundaram et al., pl.22, 9	(scheme)	
1976 Banerji et al., pl.2, 24, 25	India (Madhya Pradesh)	UP–LT?
1976 Teixeira et Pais, fig.35A, D	(scheme from Pant, 1962)	
1977 Gould et Delevoryas, fig.1F, G	(scheme)	
1977 Pant, fig.4	India	LG
1978 Mussa (c), fig.1C	(rec.)	
1980 Gould et Shibaoka, fig.6C–F	(scheme)	
V. <i>indica</i> Royle 1839		
1976 Gould, fig.4D, E	(scheme)	
1976 Guerra, figs.1, 2; pls.1–5	Brazil (Rio Grande do Sul)	LP
1977 Guerra, pl.1, 1–14	Brazil (Rio Grande do Sul)	P
1977 Pant, fig.2C	(from Pant, 1962)	
1977 Pant, fig.2D	(from Pant, 1956)	
1977 Pant, fig.2E	(from Walton et Wilson, 1932)	
1977 Pant, fig.3A–G	(from Pant et Singh, 1968)	
1977 Srivastava (a), fig.5; pl.1, 6	India (Bihar)	LKKarh
1977 Srivastava (b), pl.2, 13	India (Bihar)	LGBara
1980 Retallack, fig.21.5L, M	Australia (New South Wales)	L–UP

Viatcheslavia Zalesky 1936

Remark: in text *Viatscheslavia*.

See Farr et al, (1979, p.1847)

V. sp.		
1977 Huang, fig.3; pl.24, 4	China (Heilongjiang)	UP
V. <i>vorcutensis</i> Zalesky 1936		
1977 Huang, pl.6, 4–5; pl.39, 1–4	China (Heilongjiang)	UP

Vojnovskya Nejburg 1955

V. sp.		
1976 Durante, pl.56, 3, 4	Mongolia	LP
V. <i>elegans</i> Zimina 1977		
1977 Zimina, pl.20, 1–3	USSR (Primorskiy Kray)	LP
1978 Zimina, pl.2, 8	USSR (Primorskiy Kray)	LP
V. <i>minima</i> (Khakhlov et Pollak 1935) Nejburg 1961		
1976 Durante, pl.56, 2	Mongolia	LP
V. <i>pacifica</i> Zimina 1967		
1977 Zimina, pl.18, 13, 14; pl.19, 1–9	USSR (Primorskiy Kray)	LP

<i>V. paradoxa</i> Nejburg 1955		
1978 Mamay, fig.1	USSR (Komi ASSR — Pechora Basin —)	LP
1979 Delevoryas, fig.13	(from Andrews, 1961)	
<i>Voltzia</i> Brongniart 1828		
<i>V. sp.</i>		
1977 Jung, pl.17, 11	Italy (Bolzano)	UP
<i>V. hungarica</i> Heer 1876		
1977 Jung, pl.17, 2; pl.18, 1, 3	Italy (Bolzano)	UP
<i>V. liebeana</i> Geinitz 1862		
1978 Pawlowska, fig.3	Poland (Promnik Basin)	UPZech
<i>Voltziopsis</i> Potonié 1899		
<i>V. africana</i> Seward 1934		
1976 Gould, fig.4I	(scheme from Townrow, 1967)	(P–T)
1978 Miller, fig.2H	(rec. from Florin, 1951)	(P?–T)
1980 Retallack, fig.21.8H	Australia (New South Wales)	UP–LT
<i>V. angusta</i> (Walkom 1925) Townrow 1967		
1980 Retallack, fig.21.8G	Australia (New South Wales)	UP–LT
<i>V. wolganensis</i> Townrow 1967		
1980 Retallack, fig.21.8E–F	Australia (New South Wales)	UP–LT
<i>Vorcutannularia</i> Pogorevich ex Nejburg 1960		
<i>V. laevis</i> Fefilova 1978		
1978 Fefilova (b), fig.20B, G; pl.20, 1; pl.22, 3	USSR (Komi ASSR)	UPTata
1978 Fefilova (b), fig.20A, V, D; pl.20, 2; pl.22, f.4	USSR (Komi ASSR)	UPKaza
<i>V. plicata</i> Pogorevich ex Nejburg 1960		
1978 Fefilova (b), fig.19; pl.19	USSR (Komi ASSR)	LPUfim
1979 Lacey, fig.1(2)	(from Nejburg, 1960)	
1980 Bold et al., fig.10–47A, B	(from Nejburg)	
<i>Walchia</i> Sternberg 1825		
<i>W. sp.</i>		
1976 Bohlin, fig.614; pl.16, 14 (all cf.)	China (Kansu)	UC–LP
1978 Gillespie et al., fig.16	(rec)	
1978 Gillespie et al., pl.54, 1	USA (West Virginia)	LP?
1978 Gillespie et al., pl.54, 3	(scheme)	(UC–P)
<i>W. filiciformia</i> Sternberg 1825		
Remark: commonly spelled <i>W. filiciformis</i>		
1977 Remy et Remy, fig.41A, B	GDR (Gera)	LPAutu
<i>W. geinitzii</i> Florin 1939		
1977 Remy et Remy, fig.44A, B	Italy (Brescia)	LPSaxo
1978 Remy et Remy, (c), pl.7, 10–12; pl.8, 1	Italy (Brescia)	LPSaxo
<i>W. germanica</i> Florin 1939		
1976 Harris, fig.1C	(scheme)	(C–P)
1977 Remy et Remy, fig.42	GDR (Erfurt)	LPAutu
1978 Doubinger et al., pl.1, 1; pl.2, 4, 5	Spain (Gerona)	LPAutu
1978 Remy et Remy (c), pl.8, 3 (cf.)	Italy (Brescia)	LPSaxo
1980 Kämpfe, fig.7.13C	(scheme from Zimmermann, 1959)	
<i>W. piniformis</i> Sternberg 1825		
1976 Daber, fig.475(1)	(scheme)	
1976 Denizot, pl.6, 24A–C	France (–)	LPAutu
1977 Fischer et Gayrard-Valy, fig.61	(scheme)	(C–P)
1979 Schniepp, fig.13	GFR (Saarland)	LPRotl
<i>W. stricta</i> Florin 1939		
1978 Remy et Remy (c), pl.8, 16 (cf.)	Italy (Brescia)	LPSaxo

Walchiopremnon Florin 1940*W. sp.*

1976 Barthel et al., pl.42, 9

GDR (Karl-Marx-Stadt)

LPRotl

Walchiostrobus Florin 1940*W. sp.*

1976 Harris, fig.1B

(scheme)

(C-P)

1978 Grauvogel-Stamm, fig.44E

(scheme from Schweitzer, 1963)

(UC-P)

1978 Remy et Remy (c), pl.8, 2

Italy (Brescia)

LPSaxo

1980 Keng, fig.6

(scheme)

Walkomiella Florin 1944*W. australis* (Feistmantel 1878) Florin 1944

1980 Retallack, fig.21.8B, C

Australia (New South Wales)

UP

Weissites Göppert 1836*W. pinnatifidus* (Gutbier 1835) Remy 1954

1976 Barthel et al., pl.18, 4

GDR (Karl-Marx-Stadt)

LPRotl

1976 Barthel et al., pl.18, 5

GDR (Dresden)

LPRotl

Wumengopteris Tian 1980*W. crassirachis* Tian 1980

1980 Tian et Zhang, pl.12, f.1, 5; pl.13, 4, 4A

China (Guizhou)

UP

Xinganphyllum Huang 1977*X. sp.*

1977 Huang, fig.22; pl.6, 3

China (Heilongjiang)

UP

X. aequale Huang 1977

1977 Huang, fig.20; pl.6, 1-2; pl.7, 1-3

China (Heilongjiang)

UP

X. inaequale Huang 1977

1977 Huang, fig.21; pl.27, 2

China (Heilongjiang)

UP

Yavorskyia Radchenko 1936*Y. hebetata* (Radchenko 1936) Gorelova et Radchenko 1962

1976 Durante, pl.57, 2

Mongolia

UP

Zalesskyoxylon Lepekhina et Yatsenko-Khmelevsky 1966*Z. zambesiensis* Maithy 1977

1977 Maithy (a), fig.1; pl.1, 1-7

Mozambique (Zambesi Basin)

P

Remark: in text *Zalesskioxylon***Zamiopteris Schmalhausen 1879***Z. sp.*

1976 Bohlin, fig.673(?)

China (Chinghai)

UC-LP

1976 Durante, pl.52, 1

Mongolia

UP

1977 Zimina, pl.7, 1, 2

USSR (Primorskiy Kray)

LP

Z. daubichites Burago 1979

1979 Burago, pl.9, 3; pl.10, 3

USSR (Primorskiy Kray)

LP

Z. dubia Zimina 1974

1976 Durante, pl.53, 2-4 (ex gr.)

Mongolia

UP

1977 Zimina, fig.15; pl.6, 1-5

USSR (Primorskiy Kray)

UP

Z. glossopteroides Schmalhausen 1879

1977 Huang, pl.41, 2 (cf.)

China (Heilongjiang)

LP

1977 Zimina, pl.5, 1(?), 3-6

USSR (Primorskiy Kray)

LP

1980 Huang, pl.243, 5-6 (cf.)

China (Heilongjiang)

UC-LP

<i>Z. gorelovae</i> Zimina 1978		
1978 Zimina, pl.3, 1–7	USSR (Primorskiy Kray)	L–UP
1978 Zimina, pl.3, 8–9	USSR (Primorskiy Kray)	UP
<i>Z. lanceolata</i> (Khakhlov et Pollak 1935) Nejburg 1948		
1977 Huang, pl.41, 1	China (Heilongjiang)	LP
1977 Zimina, pl.6, 9 (cf.)	USSR (Primorskiy Kray)	LP
<i>Z. rotunda</i> Zimina 1977		
1977 Zimina, pl.6, 8(?)	USSR (Primorskiy Kray)	LP
<i>Z. schmalhauseni</i> Shvedov 1940		
1979 Burago, pl.10, 4, 5	USSR (Primorskiy Kray)	LP
<i>Z. subglossopteroides</i> Zimina 1974		
1977 Zimina, fig.14; pl.5, 2	USSR (Primorskiy Kray)	LP
<i>Z. tailuganensis</i> Gorelova 1962		
1977 Huang, pl.24, 3; pl.42, 4–5	China (Heilongjiang)	LP
<i>Zamites</i> Brongniart 1828		
+ <i>Z. kryshstofovichii</i> (Prinada et Radchenko)		
1980 Huang, pl.259, 1–12A	China (Heilongjiang)	UP
<i>Zygopteris</i> Corda 1845		
<i>Z. lacattii</i> Renault 1869		
Remark: in text <i>Z. lacattei</i>		
1980 Bold et al., fig.16–64B	(rec. from Wettstein)	(C–P)
<i>Z. primaria</i> (Cotta 1831) Stenzel 1889		
Remark: in text <i>Z. primaria</i> (Cotta) Corda		
1976 Barthel et al., pl.1, 1–2	GDR (Karl-Marx-Stadt)	LPRotl

Systematic arrangement of the genera

BRYOPHYTA

Bachtia (–)
Bajdaievia (2)
Intia (4)
Jaganovia (1)
Junjagia (1)
Kosjunia (2)
Polyssaievia (1)
Protosphagnum (1)
Ricciopsis (2)
Salairia (2)
Syrjagia (2)
Thallites (–)
Uskatia (3)
Vorcutannularia (2)

EQUISETOPHYTA

Annularia (13)
Annulina (1)
Arthropitys (2)
Asterophyllites (3)
Bowmanites (–)
Calamariophyllum (1)
Calamitea (1)
Calamites (7)

Calamitina (–)
Calamitopsis (1)
Calamodendron (1)
Calamostachys (3)
Crucicalamites (–)
Dicalamophyllum (2)
Diplocalamites (–)
Equisetites (–)
Equisetum (–)
Gamophyllites (–)
Koretrophyllites (3)
Lelstotheca (1)
Lilpopia (1)
Lobatannularia (9)
Macrostachya (1)
Mesocalamites (1)
Neocalamites (1)
Palaeostachya (2)
Paracalamites (4)
Paracalamostachys (1)
Paraschizoneura (1)
Parasphenophyllum (1)
Paratrizygia (1)
Peltostachys (1)
Phyllotheca (4)
Raniganjia (1)
Sakoarota (1)
Schimperia (–)
Schizoneura (4)
Sphenophyllostachys (–)

Sphenophyllum (20)
Stellotheca (1)
Stephanophyllites (1)
Stylocalamites (-)
Tchernovia (-)
Trizygia (4)
Umbellaphyllites (2)

LYCOPODIOPHYTA

Asolanus (2) .
Aspidiaria (-)
Bergeria (-)
Bothrodendron (1)
Brasilodendron (2)
Cyclodendron (2)
Knorria (-)
Lepidodendron (17)
Lepidodendropsis (-)
Lepidophyllum (-)
Lepidostrobus (1)
Lycopodiopsis (4)
Selaginella (1)
Sigillaria (3)
Stigmara (2)
Subsigillaria (-)
Viatcheslavia (1)

PTEROPHYTA + "PTERIDOPHYLLA"

Abropteris (1)
Acitheca (3)
Alethopteris (11)
Angaridium (-)
Angaropteridium (1)
Ankyropteris (1)
Aphlebia (1)
Asansolia (1)
Asterochlaena (1)
Asterotheca (7)
Belemnopteris (3)
Bicoemleptopteridium (1)
Bicoemleptopteris (1)
Bifariusothea (1)
Biscalitheca (1)
Botrychiopsis (3)
Botryopteris (1)
Brongniartites (-)
Callipteridium (3)
Callipteris (98)
Cardioneura (2)
Cardiopteris (-)
Cathaysiopteris (2)
Caulopteris (1)
Chansitheca (1)
Chiropteris (1)
Cladophlebis (17)
Comia (10)
Compsopteris (7)
Corynepteris (5)

Cyclopteris (1)
Dactylotheca (1)
Damudosorus (1)
Danaeites (7)
Dichotomopteris (2)
Dicksoniites (1)
Dictyopteridium (3)
Diphyllopteris (1)
Discinities (1)
Dizeugotheca (2)
Dunedoonia (1)
Emplectopteridium (1)
Emplectopteris (3)
Eremopteris (2)
Etapteris (1)
Eusphenopteris (2)
Fascipteridium (1)
Fascipteris (6)
Filicites (1)
Gigantonoclea (14)
Gigantopteridium (1)
Gigantopteris (5)
Gondwanidium (-)
Gothanopteris (1)
Grammatopteris (1)
Hagiophyton (-)
Heterangium (-)
Huihuipua (1)
Iniopteris (1)
Isodictyopteridium (2)
Kashmiropteris (1)
Konnoa (1)
Lepidopteris (1)
Lescuropteris (1)
Lesleya (2)
Linophyllum (1)
Linopteris (1)
Lophotheca (1)
Marattiopsis (1)
Marginopteris (1)
Mariopteris (2)
Millaya (1)
Mixoneura (-)
Nemejcopteris (1)
Neomariopteris (5)
Neurodontopteris (-)
Neurophyllites (1)
Neuropteridium (6)
Neuropteris (10)
Odontopteris (12)
Oligocarpia (-)
Osmundacaulis (1)
Otofolium (2)
Palaeogoniopteris (1)
Palaeosmunda (1)
Palaeovittaria (-)
Pecopteris (60)
Ponsotheca (1)
Prionophyllopteris (1)
Protoblechnum (1)

Prynadaeopteris (4)
Psaronius (9)
Pseudomariopteris (2)
Psymnophyllum (3)
Ptychocarpus (2)
Pursongia (–)
Rajahia (6)
Renaultia (–)
Reticulopteris (1)
Rhacopteris (1)
Rhaphidopteris (1)
Rhodia (–)
Sagittapteris (1)
Santhalea (1)
Schizostachys (1)
Scolecopteris (11)
Senftenbergia (1)
Sphenoplectopteris (1)
Sphenopteridium (1)
Sphenopteris (26)
Sphyropteris (–)
Sporophyllites (1)
Stockmansia (1)
Supaia (5)
Syniopteris (–)
Taeniopteris (19)
Tatarina (6)
Thamnopteris (1)
Thinnfeldia (1)
Tingia (5)
Tricoemlectopteris (1)
Trithopteris (1)
Tychopteris (4)
Urnapteris (–)
Validopteris (1)
Weissites (1)
Wumengopteris (1)
Zamiopteris (9)
Zygopteris (2)

“PTERIDOSPERMAE”

(incl. Caytoniales, Glossopterales, Pentoxylales)

Anteusia (1)
Arberia (2)
Austroglossa (1)
Callipterianthus (1)
Cistella (2)
Cornuspermum (1)
Crossotheca (2)
Denkania (1)
Dolerotheca (1)
Elatra (1)
Eretmonia (7)
Fertiliger (–)
Fetura (1)
Gangamopteris (10)
Gansucladus (1)
Glossopteris (95)
Glossotheca (3)

Gnetopsis (–)
Hirsutum (–)
Indocarpus (–)
Jambadostrobus (1)
Kendostrobus (1)
Lanceolatus (1)
Lidgettonia (2)
Medullosa (3)
Nesowalesia (1)
Ottokaria (3)
Pachytesta (–)
Partha (4)
Peltaspernum (2)
Pluma (–)
Plumsteadia (6)
Plumsteadioostrobus (2)
Psaliangium (–)
Pterispermostrobus (1)
Rhabdocarpus (1)
Rhabdotaenia (–)
Rubidgea (1)
Rusangea (1)
Scirroma (2)
Scopus (4)
Scutum (4)
Senothea (1)
Squamella (3)
Telangium (–)
Vannus (–)
Venustostrobus (2)
Vertebraria (1)

CYCADOPHYTA

Archaeocycas (1)
Cheirophyllum (1)
Cycadospadix (1)
Nilsonia (2)
Noeggerathiopsis (19)
Phasmatocycas (1)
Plagiozamites (3)
Pterophyllum (6)
Sphenozamites (1)
Yavorsyia (1)
Zamites (1)

GINKGOPHYTA

Chapchalia ((1)
Ginkgo (–)
Ginkgoites (1)
Sphenobaiera (5)
Trichopitys (2)

CONIFEROPHYTA

(incl. Cordaitales)

Abietopitys (1)
Amyelon (–)
Araucaria (–)

Araucarites (2)
Artisia (1)
Brachyphyllum ()
Cardiocarpus (4)
Carpentiera (1)
Conchophyllum (2)
Cordaianthus (5)
Cordaicladus ()
Cordaite (17)
Crassinervia (8)
Culmitzschia (1)
Cupressites (1)
Dadoxylon (3)
Distichotheca (1)
Dolianitia (2)
Dorycordaite ()
Ernestiodendron (1)
Eucordaite ()
Euryphyllum (1)
Glyptolepis (2)
Gomphostrobus (1)
Henanophyllum (1)
Kamaraspermum ()
Lebachia (6)
Lepeophyllum (6)
Masculostrobus ()
Moyliostrobus (1)
Paracordaite ()
Paranocladus (1)
Phyllocladopitys (1)
Poa-Cordaite ()
Protopodocarpitys (1)
Pseudovoltzia (1)
Quadrocladus (1)
Rhipidopsis (14)
Rufloria (21)
Sashinia (1)
Schuetzia (1)
Scleromedulloxylon (2)
Sparsistomites (1)
Strigillotheca (1)
Taxopitys (3)
Tylodendron (1)
Ullmannia (3)
Voltzia (2)
Voltziopsis (3)
Walchia (5)
Walchiopremnon ()
Walchiostrobus ()
Walkomiella (1)

SPERMATOPHYTA INCERTAE SEDIS AND PROBLEMATIC

Ammatophyllum ()
Antarticoxylon (1)
Araucarioxylon (1)
Arberiella (2)
Arberiopsis (1)
Australoxylon (1)

Austroscleromedulloxylon (1)
Bageopitys (1)
Barakaroxylo (5)
Bardocarpus (1)
Brasilestiloxylon (1)
Buriadia (1)
Cardiolepis (1)
Carpolithes (5)
Cathaysioxylon (1)
Caulophyllites (1)
Chulakia (2)
Cladostrobus (1)
Cordaicarpus (5)
Cornucarpus (2)
Damudoxylon (1)
Dicranophyllum (3)
Dzungariella (2)
Eichwaldia ()
Gaussia (1)
Gigantosperrum ()
Ginkgophyllum (3)
Ginkgophyton (3)
Ginkgophytopsis (2)
Glottophyllum (2)
Guizhoua (1)
Holcospermum (1)
Kawiziphyllum (1)
Laxostrobus ()
Lopadiangium (1)
Mooia (1)
Myelontordoxylon (2)
Myeloxylon (1)
Nephropsis (9)
Niazonaria ()
Noeggerathia (1)
Nucicarpus (1)
Nummulospermum ()
Palaeospiroxylon (1)
Palaeoxylon ()
Palmatophyllites (1)
Parataxopitys (1)
Paratordoxylon (1)
Pelourdea (1)
Phylladoderma (3)
Platycardia (1)
Polysolenoxylon (3)
Poroxylo (1)
Protophylocladoxylon ()
Pseudorhipidopsis (1)
Pterygospermum (1)
Radicites ()
Rhizomopsis (1)
Rigbya (1)
Samaropsis (9)
Sandrewia (1)
Skokia (1)
Slivkovia (1)
Solenobrasilioxylon (1)
Squamocarpus (1)
Stephanostoma (1)

Sylvella (–)
Synia (1)
Tingiostachya (–)
Tordoxylon (2)
Trigonocarpum (2)

Systematic arrangement of new taxa

BRYOPHYTA

Bajdaievia longiuscula Fefilova 1978
speciosa Fefilova 1978
Intia vicaria Fefilova 1978

Jaganovia Radchenko et Verbitskaya 1980

Jaganovia ziminkensis Verbitskaya 1980
Ricciopsis anakitensis Verbitskaya 1980
parva Verbitskaya 1980
Salairia confinis Fefilova 1976
singularis 1976
Uskatia dentata Fefilova 1978
vicina Fefilova 1978
Vorcutannularia laevis Fefilova 1978

EQUISETOPHYTA

Calamitopsis Remy et Remy ex Remy et Remy 1978

Koretrophyllites gracilis Verbitskaya 1980
latifolius Verbitskaya et Radchenko 1980
Lobatannularia cathaysiana Yao 1980
fusiformis Zhang 1978
huapingensis Feng 1977
longifolia Feng 1977
Parasphenophyllum crenulatum Maithy 1978

Peltostachys Barthel, Götzelt et Urban 1976

Peltostachys altendorfense Barthel, Götzelt et Urban 1976
Raniganjia qubensis Hsü 1976

Sakoarota Appert 1977

Sakoarota polyangiata Appert 1977
Schizoneura brevifolia Yao 1980
lingshanensis Feng et Meng 1977
Sphenophyllum elagatifolium Xi 1977
gongxianense Xi 1977
meyenii Zimina 1977
osipoviense Zimina 1977
sakoense Appert 1977
sino-coreanum Yabe 1920 ssp. *dentatum* Zhang 1978
yiayangense Xi 1977
yujiaense Huang 1980

Tubicaulis (1)
Tungussocarpus (1)
Vojnovskya (4)
Xinganphyllum (2)
Zalesskyoxylon (1)

Stephanophyllites Millan et Dolianiti 1977

Stephanophyllites sanpaulensis Millan et Dolianiti 1977
Umbellaphyllites nacumilensis Verbitskaya 1980

LYCOPODIOPHYTA

Asolanus chapchaliensis Bohlin 1976
Bothrodendron henanense Xi 1977
Brasilodendron africanum Lemoigne et Brown 1980
Cyclodendron brasiliensis Lejal-Nicol et Bernardes de Oliveira 1979
Lepidodendron henanense Feng 1977
latiligulatum Bohlin 1976
lepidophloides Yao 1980
pingdingshanense Xi 1977
xingningense Feng 1977
xuanweiense Yao 1980
Lepidostrobus acutisquamus Yao 1980
Lycopodiopsis costilatus Lemoigne et Brown 1980

PTEROPHYTA + "PTERIDOPHYLLA"

Abrotopteris Mo 1980

Acitheca unifurcata Yang et Chen ex Zhang 1978
Alethopteris firmata Zhang 1978
yiayangensis Feng 1977

Asansolia Pant et Misra 1976

Asterotheca golondrinensis Herbst 1978
primorskiensis Burago 1980
Belemnopteris pellucida Pant et Choudhury 1977
sagittifolia Pant et Choudhury 1977

Bifariusotheca Zhao 1980

Bifariusotheca qinglongensis Zhao 1980
Callipteris biforma Huang 1977
conferta (Sternberg 1833) Brongniart 1849 var.
supaioides Haubold 1980
heilongjiangensis Huang 1977
hongshanensis Huang 1977
obese Huang 1977
pseudoshenshuensis Huang 1977
shenshuensis Huang ex Huang 1976
tangwangheensis Huang 1977
tongxingensis Huang 1980
Cathaysiopteris huapingensis Feng 1977
Cladophlebis connexa Zhang 1978
fuyuanensis Zhang 1980

gorskii Vladimirovich 1980
heishanensis Bohlin 1976
henanensis Zhang et Mo 1979
licharevii Vladimirovich 1980
melnikovii Burago 1980
mongolica Durante 1976
parapermica Chang MS ex Zhang 1978
xiaohinganensis Huang 1980
yunnanica Zhang 1980

Comia cangfanggouensis Hu 1980
microphylla Huang 1977
multinervis Huang 1977
obese Huang 1977
shenshuensis Huang 1977
tenueaxis Huang 1977
Compsopteris guangdongensis Feng 1977
punctinervis Mo 1980
Corynepteris kansuensis Bohlin 1976
parilobata Bohlin 1976
plicata Bohlin 1976

***Damudosorus* Pant et Misra 1977**

Damudosorus searsolensis Pant et Misra 1977
Danaeites guangdongensis Feng 1977
guangxingense Huang 1980
qujiangensis Feng 1977
Dichotomopteris ovata Maithy 1977
qubuensis Hsü 1976
Dictyopteridium flabellatum Benecke 1976

***Diphyllopteris* Srivastava 1978**

Diphyllopteris verticillata Srivastava 1978
Dizeugotheca bortoluzzii Cazzulo-Klepzig 1978
qubuensis Hsü 1976

***Dunedoonia* Holmes 1977**

Dunedoonia reticulata Holmes 1977
Emplectopteris neimongolensis Huang 1976
sinensis Huang 1976

***Fasciapteridium* Zhang et Mo 1980**

Fasciapteridium ellipticum Zhang et Mo 1979
Fasciapteris kaishantunensis Huang 1980
Gigantonoclea microphylla Huang 1980
minor Feng 1977
plumosa Mo 1980
tieyingensis Huang 1980
unita Huang 1980
yujiaensis Huang 1980
Gigantopteris meganetes Tian 1980
paradoxa Mo 1980

***Huihuipua* Bohlin 1976**

Huihuipua reticulata Bohlin 1976

***Kashmiropteris* Kapoor 1979**

Kashmiropteris meyenii Kapoor 1979
Lesleya gimmii Remy et Remy 1978

***Linophyllum* Zhao 1980**

Linophyllum xuanweiense Zhao 1980
Linopteris semianastomosa Tenchov 1977

***Lophotheca* Zhao 1980**

Lophotheca panxianensis Zhao 1980
Marattiopsis orientalis Burago 1977

***Marginopteris* Sal'menova 1978**

Marginopteris kasachstanica Sal'menova 1978
Mariopteris crassipinnulata Bohlin 1976
yuemenensis Bohlin 1976

***Millaya* Mapes et Schabillion 1979**

Millaya tularosana Mapes et Schabillion 1979
Neomariopteris barakarensis Srivastava 1978
khanii Maithy 1977

***Neurophyllites* Zhang 1980**

Neurophyllites pecopteroides Zhang 1980
Neuropteridium guizhouense Zhang 1980
guizhouensis Zhang 1980
tieyingensis Huang 1980
Neuropteris dagangensis Huang 1980
daheshenensis Huang 1980
Odontopteris henanensis Xi 1977
xinganensis Huang 1977
qiyangensis Feng 1977
Osmundacaulis stumkei Erasmus 1977 (?)
Pecopteris anbangensis Huang 1977
deducans Huang 1977
dissimularis Burago 1980
elegantula Zhang 1980
fuyuanensis Zhang 1980
guizhouensis Chang MS ex Zhang 1978
hongshanensis Huang 1977
lingulata Zhang 1980
longifolioides Zhang 1980
mucronata Durante 1976
niamdensis Zalesky et Chirkova 1937 fa.
makuchinae Burago 1976
opposita Cazzulo-Klepzig 1978
punicoides Zhang et Mo 1979
qingyunensis Zhang 1980
shuichengensis Zhang 1978
tangwangheensis Huang 1980
tumenjiangensis Huang 1980

***Ponsotheca* Bernardes de Oliveira 1980**

Ponsotheca roesleri Bernardes de Oliveira 1980
Prynadaeopteris minuta Vladimirovich 1980
rhomboidea Vladimirovich 1980

Prionophyllopteris Mo 1980

- Prionophyllopteris spiniformis* Mo 1980
Psygmophyllum ussuriense Burago 1976
Rajahia guizhouensis Zhang 1980
 major Zhang 1980
 minor Zhang 1980
Rhaphidopteris praecursoria Meien 1979

Santhalea Maithy 1977

- Santhalea bansloiensis* Maithy 1977
Senftenbergia saxonica Barthel, Götzelt et Urban 1976

Sphenoplecteris Zhang et Mo 1979

- Sphenoplecteris beaniata* Zhang et Mo 1979
Sphenopteris gongxianensis Xi 1977
 heilongjiangensis Huang 1977
 huihuipuensis Bohlin 1976
 sellardsii Baxter 1978
 yichunensis Huang 1977

Stockmansia Bohlin 1976

- Supaia shenshuensis* Huang 1977
 tieliensis Huang 1977
Taeniopteris crassinervis Mo 1980
 guangxingensis Huang 1980
 primorjensis Burago 1978
 punctifera Appert 1977
 rarinervis Zhao 1980
 sinegorkiensis Burago 1978
Tatarina conspicua Goman'kov et Meien 1979
 lobata Meien 1980
 pinnata Goman'kov et Meien 1979
 sadovnikovii Meien 1980
 sinuosa Goman'kov 1980
 verrucosa Goman'kov 1980
Tingia yichuanensis Feng 1977

Trithopteris Pant et Misra 1977

- Trithopteris gondwanensis* Pant et Misra 1977
Tychopteris arunensis Huang 1980
 densinervis Hu 1980
 obesa Hu 1980
Validopteris kokonoriensis Bohlin 1976

Wumengopteris Tian 1980

- Wumengopteris crassirachis* Tian 1980.
Zamipteris daubichites Burago 1979
 gorelovae Zimina 1978
 rotunda Zimina 1977

"PTERIDOSPERMAE"

(incl. Caytoniales, Glossopterales, Pentoxylales)

Elatra Appert 1977

- E. bella* Appert 1977

Fertiliger Schopf 1976**Fetura Benecke 1976****Gansucladus Bohlin 1976**

- Gansucladus parvifolia* Bohlin 1976
Glossopteris andreanskyi Kovács-Endrödy 1977
 bosei Chandra et Surange 1979
 churiensis Srivastava 1977
 karharbariensis Chandra et Surange 1979
 maccoyi Kovács-Endrödy 1977
 mohudaensis Chandra et Surange 1979
 nakkarea Chandra et Surange 1979
 nimishea Chandra et Surange 1979
 pantii Chandra et Surange 1979
 pseudocommunis Kovács-Endrödy 1976
 raniganjensis Chandra et Surange 1979
 rewaensis Chandra et Surange 1979
 saksenae Chandra et Surange 1979
 syaldiensis Chandra et Surange 1979
 taeniensis Chandra et Surange 1979
 talchirensis Chandra et Surange 1979
Glossotrocha immanis Chandra et Surange 1977

Jambadostrobos Chandra et Surange 1977

- Jambadostrobos pretiosus* Chandra et Surange 1977

Nesowalesia Pant 1977

- Nesowalesia edwardsii* Pant 1977
Ottokaria biharensis Srivastava 1978
 raniganjensis Banerjee 1978
Partha belmontensis White 1978
 sessilis White 1978
Peltasperмум buevichae Goman'kov et Meien 1979
Plumsteadia lanceolata Srivastava 1978
 semnes Rigby 1978

Plumsteadistrobos Chandra et Surange 1977

- Plumsteadistrobos ellipticus* Chandra et Surange 1977
 pretiosus Chandra et Surange 1977
Rhabdocarpus olivaeformis Mo 1980
Rubidgea emarginata Maithy 1977

Scirroma Chandra et Surange 1977

- Scirroma angusta* Chandra et Surange 1977
 ventilebra Chandra et Surange 1977

Scopus Benecke 1976

- Scopus confertus* Benecke 1976
 didiscus Benecke 1976

gibbosus Benecke 1976
obscurus Benecke 1976

***Squamella* White 1978**

Squamella ampla White 1978
australis White 1978
ovulifera White 1978

***Venustostrobus* Chandra et Surange 1977**

Venustostrobus diademus Chandra et Surange 1977
indicus Chandra et Surange 1977

CYCADOPHYTA

***Cheirophyllum* Pant et Singh 1978**

Cycadospadix yochelsonii Mamay 1976
Nilsonia hongshanensis Huang 1977
Noeggerathiopsis lianzhushanensis Huang 1980
mishanensis Huang 1980
tieliensis Huang 1977
xinganensis Huang 1977
Pterophyllum fromagetii Vozenin-Serra 1979
Sphenozamites permicus Burago 1977

GINKGOPHYTA

***Chapchalia* Bohlin 1976**

Chapchalia tsaidamensis Bohlin 1976
Ginkgoites xinhuaensis Feng 1977
Sphenobaiera biloba Feng 1977
macrofolia Burago 1977

CONIFEROPHYTA

(incl. Cordaitales)

Cardiocarpus cardioformis Verbitskaya 1980
Conchophyllum tsaidamense Bohlin 1976
Cordaites buragoi Zimina 1977
odontophyllum Glukhova 1978
primorskiensis Zimina 1976
tologoiensis Durante 1976
torulosus Glukhova 1980
yujiaensis Huang 1980
Crassinervia grammii Zimina 1977
mishanensis Huang 1980
strelokensis Zimina 1977
Dadoxylon malaimbandense Marguerier 1976
Dolianitia madagascariensis Appert 1977

***Henanophyllum* Xi et Feng 1977**

Henanophyllum palamifolium Xi et Feng 1977
Lepeophyllum liaoningense Huang 1980
ovatum Hu 1980

***Protopodocarpitys* Mussa 1976**

Protopodocarpitys roesleri Mussa 1976
Quadrocladus dvinensis Meien 1978
Rhipidopsis guizhouensis Tian 1980
hongshanensis Huang 1977
lobulata Mo 1980
minor Feng 1977
minutus Zhang 1978
multifurcata Tian 1980
shifaensis Huang 1980
schuichengensis Tian 1980
tangwangheensis Huang 1980
xinganensis Huang 1977
Rufloria bakanasica Sal'menova 1978
ilimpejica Glukhova 1976
kerulenica Durante 1976
lepeophylloides Durante 1976
magnifolia Durante 1976
marginata Men'shikova 1980
mira Glukhova et Men'shikova 1980
seljatitskii Men'shikova 1980
sublanceolata Zimina 1976
tomentella Glukhova 1976
ulannurica Durante 1976
ussurica Zimina 1977
vassilyevii Zimina 1977

***Sashinia* Meien 1978**

Sashinia aristovensis Meien 1978
Scleromedulloxylon batoviense Guerra 1976
Sparsistomites communis Glukhova 1980
Taxopitys indica Prasad et Chandra 1978

SPERMATOPHYTA INCERTAE SEDIS AND PROBLEMATICA

Antarticoxylon seawardii Mussa 1980
Araucarioxylon loharense Agashe et Gowda 1978

***Arberiopsis* Bernardes de Oliveira 1978**

Arberiopsis boureau Bernardes de Oliveira 1978
Australoxylon kanhargaoense Prasad et Chandra 1978

***Austroscleromedulloxylon* Mussa 1980**

Austroscleromedulloxylon geraldinii Mussa 1980

***Bageopitys* Dohms 1976**

Bageopitys articulata Dohms 1976
Barakaroxyton resiniferum Guerra 1978

***Brasilestiloxylon* Mussa 1978**

Brasilestiloxylon piracicabense Mussa 1978
Carpolithes glansiformis Mo 1980
minutus Zhao 1980
punctatus Zhao 1980
speculatus Mo 1980

Cathaysioxylon* Vozenin-Serra 1978**Caulophyllites* Pant et Singh 1979***Caulophyllites indica* Pant et Singh 1979***Chulakia* Sal'menova 1979***Chulakia alveolata* Sal'menova 1979*pilifera* Sal'menova 1979*Cordaicarpus irapuensis* Bernardes de Oliveira 1977*madagascariensis* Appert 1977*rocha-camposii* Bernardes de Oliveira 1977*trapezoideus* Verbitskaya 1980*Cornucarpus cerquilhensis* Millan 1977*Damudoxylon iratiensis* Guerra-Sommer 1977*Dzungariella fucoides* Sal'menova 1979*kizilkainarica* Sal'menova 1979*Ginkgophyllum zhongguoense* Feng 1977*Ginkgophyton giganteum* Burago 1976*Ginkgophytopsis gigantea* (Burago 1976) Burago 1977*xinganensis* Huang 1977***Guizhoua* Zhao 1980***Guizhoua gregalis* Zhao 1980***Kawizophyllum* Kapoor 1979***Kawizophyllum dunpathriensis* Kapoor 1979***Lopadiangium* Zhao 1980***Lopadiangium acmodontum* Zhao 1980**Geographical distribution and chronostratigraphy of the taxa*****Antarctica* (–)***Permian* (unspecified)*Eretmonia* sp.*Glossopteris* sp.*Nummulospermum* sp.*Lower Gondwana**Glossopteris indica****Argentina* (Buenos Aires)***Permian* (unspecified)*Ottokaria bengalensis****Argentina* (Chubut)***Permian* (unspecified)*Lycopodiopsis derbyi****Myelontordoxylon* Mussa 1978***Myelontordoxylon brasiliense* Mussa 1978*vittii* Mussa 1978*Nephropsis elegans* Huang 1980*pseudosimilis* Burago 1979***Palaeospiroxylon* Prasad et Chandra 1980***Palaeospiroxylon heterocellularis* Prasad et Chandra 1980***Paratordoxylon* Mussa 1978***Paratordoxylon camposi* Mussa 1978*Pelourdea contracta* Mo 1980*Phylladoderma aequalis* Meien 1977*stenuifolia* Sal'menova 1978*Samaropsis dolianitii* Millan 1977*millaniana* Bernardes de Oliveira 1977*rigbyi* Millan 1977*sancti-marci* Bernardes de Oliveira 1977***Solenobrasilioxylon* Mussa 1978***Solenobrasilioxylon irinei* Mussa 1978***Squamocarpus* Mo 1980***Squamocarpus papilioformis* Mo 1980*Tordoxylon sanpaulense* Mussa 1978*Trigonocarpum laguncula* Bohlin 1976*Vojnovskya elegans* Zimina 1977***Xinganphyllum* Huang 1977***Xinganphyllum aequale* Huang 1977*inaequale* Huang 1977*Zalesskyoxylon zambesiensis* Maithy 1977*Lower Permian**Lycopodiopsis millanii**Lycopodiopsis pedroanus****Argentina* (La Rioja)***Permian* (unspecified)*Lycopodiopsis derbyi**Lower Permian**Lycopodiopsis millanii**Lycopodiopsis pedroanus****Argentina* (San Juan)***Lower Permian**Lycopodiopsis pedroanus****Argentina* (San Luis)***Lower Permian**Euryphyllum whittianum*

Argentina (Santa Cruz)*Lower Permian**Asterotheca golondrinensis***Australia (–)***Permian (unspecified)**Gangamopteris* sp.*Glossopteris browniana**Thamnopteris* sp.**Australia (New South Wales)***Permian (unspecified)**Cistella ampla**Cordaitea spathulata**Glossopteris ampla**Glossopteris angustifolia**Glossopteris browniana**Glossopteris clarkei**Glossopteris communis**Glossopteris conspicua**Glossopteris cordata**Glossopteris elongata**Glossopteris formosa**Glossopteris indica**Glossopteris intermittens**Glossopteris linearis**Glossopteris retusa**Neomariopteris lobifolia**Phyllothea australis**Samaropsis* sp.*Samaropsis goraiensis**Scutum* sp.*Scutum sahnii**Upper Permian**Austroglossa walkomii**Brachyphyllum* sp.*Cyclodendron leslii**Dictyopteridium sporiferum**Dunedoonia reticulata**Eretmonia* sp.*Eretmonia cooyalensis**Eretmonia natalensis**Gangamopteris cyclopteroides**Gangamopteris major**Gangamopteris spathulata**Glossopteris acuta**Glossopteris ampla**Glossopteris conspicua**Glossopteris linearis**Glossopteris parallela**Glossopteris rectinervis**Glossopteris spathulato-cordata**Glossopteris taeniopteroides**Glossopteris wilkinsonii**Isodictyopteridium costatum**Lelstotheca robusta**Lidgettonia* sp.*Neomariopteris lobifolia**Noeggerathiopsis spathulata**Ottokaria* sp.*Partha belmontensis**Partha sessilis**Phyllothea australis**Rigbya arberioides**Rusangea elegans**Scutum* sp.*Squamella ampla**Squamella australis**Squamella ovulifera**Selaginella harrisiana**Senotheca murulidihensis**Thinnfeldia callipteroides**Vannus* sp.*Vertebraria indica**Voltziopsis africana**Voltziopsis angusta**Voltziopsis wolganensis**Walkomiella australis**Lower Permian**Austroglossa walkomii**Botrychiopsis ovata**Botrychiopsis plantiana**Botrychiopsis weissiana**Cyclodendron leslii**Eretmonia cooyalensis**Gangamopteris cyclopteroides**Gangamopteris major**Gangamopteris spathulata**Glossopteris clarkei**Glossopteris conspicua**Glossopteris elegans**Glossopteris linearis**Lelstotheca robusta**Neomariopteris lobifolia**Noeggerathiopsis spathulata**Phyllothea australis**Selaginella harrisiana**Vertebraria indica**Lower Gondwana**Glossopteris angustifolia**Glossopteris browniana**Glossopteris indica**Nesowalesia edwardsii***Australia (Queensland)***Permian (unspecified)**Cistella ampla*

Upper Permian

Arberella sp.
Belemnopteris elongata
Glossopteris sp.
Glossopteris communis
Glossopteris indica
Isodictyopteridium walkomii
Plumsteadia ampla
Plumsteadia microsacca
Plumsteadia ovata
Rigbya arberioides

Lower Permian

Plumsteadia semnes

Australia (Victoria)**Permian (unspecified)**

Glossopteris cyclopteroides
Glossopteris maccoyi
Glossopteris obliqua

Austria (Carinthia)**Lower Permian**

Callipteris conferta

Brazil (Piauí)**Permian (unspecified)**

Psaronius brasiliensis

Brazil (Paraná)**Upper Permian**

Dizeugotheca sp.
Sphenophyllum speciosum

Lower Permian

Asterotheca sp.
Paranocladus fallax
Pecopteris cambuhyensis
Tylodendron speciosum

Brazil (Rio Grande Do Sul)**Permian (unspecified)**

Bageopitys articulata
Glossopteris obovata
Polysolenoxylon bageense
Polysolenoxylon bortoluzzii
Polysolenoxylon whitei
Scleromedulloxylon batoviense
Vertebraria indica

Upper Permian

Barakaroxydon brasiliense
Barakaroxydon resiniferum
Damudoxylon iratiensis

Middle Permian

Damudoxylon iratiensis

Lower Permian

Botrychiopsis sp.
Botrychiopsis plantiana (LPSakm)
Brasilodendron pedroanum
Buriadia sp. (LPSakm)
Buriadia heterophylla (LPSakm, LPSakm-Arti)
Chiropteris sp. (LPSakm)
Chiropteris reniformis (LPSakm)
Cordaicarpus sp. (LPSakm)
Cordaites sp. (LPSakm)
Cordaites hislopianus (LPSakm)
Cornucarpus patagonicus (LPSakm, LPSakm-Arti)
Fertiliger sp. (LPSakm)
Gangamopteris sp. (LPSakm)
Gangamopteris angustifolia (LPSakm, LPSakm-Arti)
Gangamopteris buriadica (LPSakm, LPSakm-Arti)
Gangamopteris obovata (LPSakm, LPSakm-Arti)
Ginkgophyllum criciumensis (LPSakm, LPSakm-Arti)
Glossopteris sp. (LPSakm)
Glossopteris indica (LPSakm, LPSakm-Arti)
Koretrophyllites sp. (LPSakm)
Nephropsis sp. (LPSakm-Arti)
Noeggerathiopsis hislopianus (LPSakm-Arti)
Ottokaria sp.
Paracalamites australis (LPSakm, LPSakm-Arti)
Rubidgea sp. (LPSakm)
Samaropsis sp. (LPSakm)
Samaropsis seixasi (LPSakm, LPSakm-Arti)
Vertebraria indica

Brazil (Santa Catarina)**Permian (unspecified)**

Chiropteris reniformis

Upper Permian (all UPKaza-Tata)

Dizeugotheca bortoluzzii
Glossopteris indica
Noeggerathiopsis hislopianus
Paracalamites australis
Pecopteris sp.
Pecopteris opposita
Pecopteris pedrasica
Schizoneura gondwanensis
Sphenopteris alata
Sphenopteris lobifolia

Middle Permian

Arberia sp.
Arberia brasiliensis

Arberia minasica
Arberiopsis sp.
Arberiopsis boureaui

Lower Permian

Arberia sp.
Arberia brasiliensis
Arberia minasica
Arberiopsis sp.
Arberiopsis boureaui
Cordaicarpus sp. (LPArTi)
Cordaicarpus irapuensis (LPArTi)
Cordaicarpus rocha-camposii (LPArTi)
Cordaicarpus zeilleri (LPArTi)
Cyclodendron brasiliensis
Noeggerathiopsis sp. (LPArTi)
Noeggerathiopsis hislopianii (LPArTi)
Ponsotheca roesleri (LPArTi–Kung)
Samaropsis sp. (LPArTi)
Samaropsis millaniana (LPArTi)
Samaropsis sancti-marci (LPArTi)

Brazil (São Paulo)

Permian (unspecified)

Antarticoxylon sewardii
Artisia sp.
Austroscleromedulloxylon geraldinii
Brasilstiloxylon piracicabense
Polysolenoxylon sp.
Protopodocarpitys roesleri
Solenobrasilioxylon irinei

Upper Permian

Myelontordoxylon brasiliense
Myelontordoxylon vittii
Paratordoxylon camposi
Tordoxylon sanpaulense

Middle Permian

Myelontordoxylon brasiliense
Myelontordoxylon vittii
Paratordoxylon camposi
Tordoxylon sanpaulense

Lower Permian

Cornucarpus cerquilhensis
Fertiliger sp.
Phyllothea australis
Samaropsis dolianitii
Samaropsis rigbyi
Stephanophyllites sanpaulensis

Bulgaria (Northwest)

Lower Permian

Callipteris conferta
Callipteris lodevensis

Callipteris naumannii
Callipteris nicklesii
Ernestiodendron filiciformia
Gomphostrobus bifidus
Lebachia frondosa
Lebachia parvifolia
Lebachia piniformis
Linopteris semianastomosa
Neuropteris auriculata
Neuropteris planchardii
Sphenopteris fossorum

Cambodia (–)

Upper Permian

Cathaysioxylon khmerinum (UPKaza)

Canada (–)

Permian

Lepidodendropsis sp. (?)

Chile (Valdivia)

Lower Permian

Glossopteris sp. (LP?)
Neuropteris sp. (LP?)

China (–)

Permian (unspecified)

Gigantonoclea lagrelii
Konnoa penchihuensis

Upper Permian

Emplectopteris triangularis
Konnoa penchihuensis

Lower Permian

Lepidodendron sp.

China (Chinghai)

Lower Permian

Ammatophyllum sp.
Angaridium sp.
Annularia sp.
Asolanus chapchaliensis
Asterophyllites sp.
Calamites sp.
Cardiopteris sp.
Chapchalia sp.
Chapchalia tsaidamensis

Conchophyllum sp.
Conchophyllum tsaidamense
Cordaites sp.
Corynepteris sp.
Corynepteris parilobata
Corynepteris plicata
Corynepteris sternbergii
Corynepteris tridentata
Glossopteris sp.
Lepidodendron sp.
Lepidodendron latiligulatum
Neuropteris sp.
Odontopteris laceratifolia
Pecopteris sp.
Plagiozamites sp.
Rhabdocarpus sp.
Rhodea sp.
Schizoneura sp.
Sphenophyllum sp.
Sphenopteris sp.
Taeniopteris sp.
Tingia sp.
Validopteris sp.
Validopteris kokonoriensis
Zamiopteris sp.

China (Fukien)

Upper Permian

Bicoemplectopteris hallei

China (Guangdong)

Upper Permian

Annularia pingloensis
Asterotheca cottoni
Cathaysiopteris huapingensis
Compsopteris contracta
Compsopteris guangdongensis
Danaeites guangdongensis
Danaeites rigida
Danaeites qujiangensis
Fasciapteris hallei
Fasciapteris stena
Gigantonoclea acuminatiloba
Gigantonoclea minor
Gigantonoclea dictyophylloides
Ginkgophyllum zhongguoense
Lepidodendron acutangulum
Lepidodendron oculus-felis
Lepidodendron xingningense
Lobatannularia heianensis
Lobatannularia huapingensis
Lobatannularia longifolia
Lobatannularia multifolia
Neuropteridium coreanicum

Neuropteridium polymorphum
Otofolium ovatum
Otofolium polymorphum
Paracalamites stenocostatus
Pecopteris anderssonii
Pecopteris arborescens
Pecopteris hemitelioides
Pecopteris hirta
Pecopteris orientalis
Pecopteris wongii
Rhipidopsis panii
Sphenopteridium pseudogermanicum
Stigmara rugulosa
Tingia carbonica
Ullmannia bronnii
Ullmannia frumentaria

China (Guangxi)

Upper Permian

Gigantonoclea sp.
Neuropteridium nervosum
Schizoneura lingshanensis
Sigillaria ichthyolepis
Ullmannia bronnii

China (Guizhou)

Upper Permian

Abrotopteris guizhouensis
Acitheca cupressoides
Acitheca unifurcata
Alethopteris firmata
Amyelon sp.
Annularia pingloensis
Annularia shirakii
Bifariusotheca qinglongensis
Calamites sp.
Cardiocarpus sp.
Carpolithes sp.
Carpolithes glansiformis
Carpolithes minutus
Carpolithes punctatus
Carpolithes speculatus
Chansitheca sp.
Chansitheca kidstonii
Cladophlebis connexa
Cladophlebis fuyuanensis
Cladophlebis ozakii
Cladophlebis parapermica
Cladophlebis permica
Compsopteris sp.
Compsopteris contracta
Compsopteris imparis
Compsopteris wongii
Compsopteris punctinervis

- Cornucarpus* sp.
Cladophlebis ozakii
Cladophlebis parapermica
Cladophlebis permica
Cladophlebis yunnanica
Danaeites sp.
Danaeites mirabilis
Danaeites rigida
Danaeites saraepontanus
Discinities orientalis
Distichotheca crossothecoides
Fascipteris densata
Fascipteris hallei
Fascipteris stena
Gigantonoclea dictyophylloides
Gigantonoclea guizhouensis
Gigantonoclea hallei
Gigantonoclea lagrelii
Gigantonoclea longifolia
Gigantonoclea plumosa
Gigantonoclea rosulata
Gigantopteris cordata
Gigantopteris dictyophylloides
Gigantopteris meganetes
Gigantopteris nicotianaefolia
Gigantopteris paradoxa
Gigantospermum sp.
Glossopteris guizhouensis
Guizhoua gregalis
Heterangium sp.
Knorria sp.
Lepidodendron sp.
Lepidodendron acutangulum
Lepidodendron lepidophloides
Lepidodendron oculus-felis
Lepidodendron xuanweiense
Lepidostrobus acutisquamus
Linophyllum xuanweiense
Lobatannularia cathaysiana
Lobatannularia fusiformis
Lobatannularia heianensis
Lobatannularia lingulata
Lobatannularia multifolia
Lopadiangium acmodontum
Lophotheca panxianensis
Neurophyllites pecopteroides
Neuropteridium coreanicum
Neuropteridium guizhouense
Neuropteridium guizhouensis
Nilsonia sp.
Otofolium ovatum
Paracalamites sp.
Paracalamites stenocostatus
Pecopteris arcuata
Pecopteris cyathea
Pecopteris echinata
Pecopteris elegantula
Pecopteris fuyuanensis
Pecopteris guizhouensis
Pecopteris hemitelioides
Pecopteris heteropinna
Pecopteris lativenosa
Pecopteris lingulata
Pecopteris longifolioides
Pecopteris marginata
Pecopteris norinii
Pecopteris polymorpha
Pecopteris qingyunensis
Pecopteris sahnii
Pecopteris shuichengensis
Pecopteris taiyuanensis
Pelourdea contracta
Phyllothea etheridgei
Plagiozamites sp.
Plagiozamites linearis
Plagiozamites oblongifolius
Prionophyllopteris spiniformis
Psaronius sp.
Psaronius sinensis
Pterophyllum eratum
Rajahia guizhouensis
Rajahia major
Rajahia minor
Rajahia mirabilis
Rajahia rigida
Rhabdocarpus olivaeformis
Rhipidopsis sp.
Rhipidopsis ginkgoides
Rhipidopsis gondwanensis
Rhipidopsis guizhouensis
Rhipidopsis lobulata
Rhipidopsis minutus
Rhipidopsis multifurcata
Rhipidopsis panii
Rhipidopsis shuichengensis
Rhizomopsis gemmifera
Samaropsis sp.
Schizoneura brevifolia
Schizoneura manchuriensis
Sigillaria sp.
Sphenophyllum sp.
Sphenophyllum koboense
Sphenophyllum sino-coreanum
Sphenophyllum speciosum
Sphenopteridium pseudogermanicum
Sphenopteris sp.
Sphenopteris tenuis
Squamocarpus papilioformis
Stigmara sp.
Stigmara ficoides
Stigmara rugulosa
Strigillotheca fasciculata
Taeniopteris sp.
Taeniopteris crassinervis
Taeniopteris nystroemii
Taeniopteris rarinnervis
Thallites sp.
Ullmannia bronnii
Ullmannia frumentaria
Wumengopteris crassirachis

China (Heilongjiang)

Permian (unspecified)

Noeggerathiopsis mishanensis

Upper Permian

Cladophlebis xiaohinganensis
Comia major
Comia microphylla
Comia multinervis
Comia obese
Comia shenshuensis
Comia tenueaxis
Comia yichunensis
Compsopteris adzvensis
Compsopteris contractus
Compsopteris tchirkovae
Ginkgophyllum sp.
Ginkgophytopsis xinganensis
Iniopteris sibirica
Lepeophyllum trigonum
Lepidophyllum sp.
Lobatannularia heianensis
Lobatannularia multifolia
Nilsonia hongshanensis
Noeggerathiopsis angustifolia
Noeggerathiopsis insignis
Noeggerathiopsis synensis
Noeggerathiopsis tieliensis
Noeggerathiopsis xinganensis
Odontopteris xinganensis
Pecopteris anbangensis
Pecopteris cyathea
Pecopteris deducans
Pecopteris hongshanensis
Pecopteris tangwangheensis
Pecopteris yabei
Prynadaeopteris anthriscifolia
Pterophyllum slobodskiensis
Radicites sp.
Rhipidopsis hongshanensis
Rhipidopsis shifaensis
Rhipidopsis tangwangheensis
Rhipidopsis xinganensis
Schizoneura manchuriensis
Sphenophyllum sp.
Sphenopteris heilongjiangensis
Sphenopteris yichunensis
Supaia shenshuensis
Supaia tieliensis
Tychtopteris arunensis
Tychtopteris cuneata
Viatcheslavia sp.
Viatcheslavia vorcutensis
Xinganphyllum sp.
Xinganphyllum aequale
Xinganphyllum inaequale
Zamites kryshstofovichii

Lower Permian

Annularia longissima
Callipteris angustata
Callipteris biforma
Callipteris confluens
Callipteris congermana
Callipteris heilongjiangensis
Callipteris hongshanensis
Callipteris jerunakovensis
Callipteris obese
Callipteris pseudoshenshuensis
Callipteris shenshuensis
Callipteris tangwangheensis
Callipteris tatianaeana
Callipteris zeilleri
Crassinervia mishanensis
Nephropsis cochlearis
Nephropsis elegans
Nephropsis rhomboidea
Neuropteris daheshenensis
Noeggerathiopsis aequalis
Noeggerathiopsis batschatensis
Noeggerathiopsis brevifolia
Noeggerathiopsis derzavinii
Noeggerathiopsis ensiformis
Noeggerathiopsis kryshstofovichii
Noeggerathiopsis latifolia
Noeggerathiopsis lianzhushanensis
Noeggerathiopsis obovata
Noeggerathiopsis theodori
Sphenopteris incrassata
Zamipteris glossopteroides
Zamipteris lanceolata
Zamipteris tailuganensis

China (Henan)

Upper Permian

Alethopteris shengi
Bergeria sp.
Chiropteris reniformis
Cladophlebis henanensis
Cladophlebis permica
Compsopteris imparis
Compsopteris wongii
Fascipteridium ellipticum
Gigantonoclea lagrelii
Gigantonoclea rosulata
Ginkgoites xinhuaensis
Henanophyllum palamifolium
Knorria sp.
Lepidodendron cervicisum
Lepidodendron polygonale
Lobatannularia ensifolia
Lobatannularia heianensis
Lobatannularia lingulata
Lobatannularia sinensis
Otofolium ovatum
Pseudorhipidopsis brevicaulis

Psymphyllum multipartitum
Sphenophyllum koboense
Taeniopteris hunanensis
Taeniopteris taiyuanensis
Taeniopteris tingii
Tingia yichuanensis

Lower Permian

Alethopteris yiyangensis
Annularia gracilescens
Bothrodendron henanense
Cathaysiopteris whitei
Cladophlebis nystroemii
Emplectopteridium alatum
Emplectopteris triangularis
Lepidodendron henanense
Lepidodendron incertum
Lepidodendron pingdingshanense
Odontopteris henanensis
Odontopteris orbicularis
Odontopteris yiyangensis
Pecopteris punicoides
Plagiozamites oblongifolius
Sphenopecopteris beaniata
Sphenophyllum elagatifolium
Sphenophyllum gongxianense
Sphenophyllum thonii
Sphenophyllum verticillatum
Sphenophyllum yiyangense
Sphenopteris gongxianensis
Sphenopteris tenuis
Tingiostachya sp.

China (Hunan)

Upper Permian

Annularia hunanensis
Annularia mucronata
Calamites sp.
Cathaysiopteris sp.
Cordaites principalis
Gigantonoclea sp.
Gigantonoclea yabei
Gigantopteris nicotianaefolia
Rhipidopsis minor
Sphenobaiera biloba

Lower Permian

Sigillaria sp.

China (Inner Mongolia)

Upper Permian

Callipteris sp.
Callipteris shenshuensis
Comia sp.
Fasciapteris densata

Fasciapteris hallei
Pecopteris anthriscifolia
Pecopteris lativenosa
Pecopteris polymorpha
Pterophyllum daihoense
Sphenobaiera spirata
Sphenophyllum minor
Sphenophyllum spathulatum
Sphenopteris sp.
Sphenopteris firmata
Sphenopteris rotundata

Lower Permian

Alethopteris kaipingiana
Alethopteris norinii
Annularia mucronata
Annularia stellata
Calamites cistii
Cladophlebis manchurica
Cladophlebis yongwolensis
Emplectopteris neimongolensis
Emplectopteris sinensis
Emplectopteris triangularis
Lepidodendron carinum
Lepidodendron tachingshanense
Pecopteris anderssonii
Pecopteris arcuata
Pecopteris feminaeformis
Pecopteris lativenosa
Pecopteris orientalis
Pecopteris polymorpha
Pecopteris tuberculata
Pecopteris wongii
Pterophyllum diahoense
Rhacopteris bertrandii
Sphenobaiera spirata
Sphenophyllum kawasakii
Sphenophyllum minor
Sphenophyllum oblongifolium
Sphenophyllum scopulatum
Sphenophyllum spathulatum
Sphenopteridium pseudogermanicum
Sphenopteris firmata
Sphenopteris rotundata
Taeniopteris norinii
Taeniopteris tingii
Tingia hamaguchii

China (Jiangsu)

Upper Permian

Pecopteris nervosa

China (Jilin)

Upper Permian

Callipteris jerunakovensis
Crassinervia sp.

Fasciopsis kaishantunensis
Fasciopsis robusta
Paraschizoneura sibirica
Pecopteris tumenjiangensis
Pecopteris yabei
Sphenophyllum koboense
Sphenophyllum speciosum

Lower Permian

Neuropteris dagangensis
Neuropteris daheshenensis
Sphenophyllum oblongifolium
Sphenophyllum thonii
Taeniopteris taiyuanensis

China (Kansu)

Lower Permian

Annularia sp.
Asterotheca sp.
Bowmanites sp.
Calamites sp.
Carpolithes sp.
Carpolithes galopinii
Chiropteris sp.
Cladophlebis sp.
Cladophlebis heishanensis
Conchophyllum sp.
Conchophyllum parvifolium
Cordaianthus sp.
Cordaicarpus sp.
Cordaites sp.
Corynepteris sp.
Corynepteris kansuensis
Corynepteris sternbergii
Crossotheca sp.
Equisetites sp.
Gansucladus parvifolia
Glossopteris sp.
Gondwanidium sp.
Huihuipua reticulata
Linopteris sp.
Macrostachya sp.
Mariopteris crassipinnulata
Mariopteris yuemenensis
Mixoneura sp.
Nemejcopteris feminaeformis
Neurodontopteris sp.
Neuropteris sp.
Neuropteris pseudovata
Pecopteris sp.
Pecopteris saraepontana
Phylladoderma arberi
Phyllothea sp.
Plagiozamites sp.
Plagiozamites oblongifolius
Psaliangium sp.
Rhacopteris sp.

Samaropsis sp.
Sphenophyllum sp.
Sphenophyllum emarginatum
Sphenopteris sp.
Sphenopteris damesii
Sphenopteris huihuipiensis
Stockmansia salviniaefolia
Sylvella sp.
Taeniopteris sp.
Trigonocarpum laguncula
Validopteris sp.
Walchia sp.

China (Liaoning)

Upper Permian

Callipteris pseudoshenshuensis
Callipteris shenshuensis
Callipteris tongxingensis
Cordaites principalis
Cladophlebis manchurica
Cladophlebis permica
Cladophlebis yongwolensis
Comia osinowskiensis
Comia tenuaxis
Comia yichunensis
Danaeites guangxingense
Fasciopsis hallei
Fasciopsis sinensis
Gigantonoclea microphylla
Gigantonoclea tieyingensis
Gigantonoclea unita
Lepeophyllum gemmatum
Lepeophyllum liaoningense
Lobatannularia heianensis
Lobatannularia lingulata
Neuropteridium tieyingensis
Pecopteris candolleana
Pterophyllum eratum
Schizoneura manchuriensis
Sphenophyllum koboense
Taeniopteris densissima
Taeniopteris guangxingensis
Taeniopteris zsei

Lower Permian

Callipteridium tachingshanense
Cladophlebis manchurica
Cordaites yujiaensis
Gigantonoclea yujiaensis
Lepidodendron sp.
Linopteris sp.
Nilsonia huabeiensis
Odontopteris chui
Pecopteris candolleana
Pecopteris cyathea
Pecopteris densifolia

Pecopteris sahnii
Pecopteris wongii
Sphenophyllum oblongifolium
Sphenophyllum juyiaense
Taeniopteris integra
Taeniopteris szei
Tingia carbonica
Tingia hamaguchii
Tingia partita

China (Shanxi)

Permian (unspecified)

Alethopteris norinii
Emplectopteris triangularis
Sagittapteris belemnopteroides
Sphenopteris tenuis

Upper Permian

Bicoemplectopteris hallei
Gigantonoclea lagrelii
Tricoemplectopteris taiyuanensis

Lower Permian

Cathaysiopteris whitei
Emplectopteris triangularis
Gigantonoclea lagrelii

China (Sichuan)

Upper Permian

Annularia pingloensis
Carpolithes sp.
Compsopteris contracta
Cordaites principalis
Danaeites rigida
Gigantonoclea guizhouensis
Gigantopteris dictyophylloides
Gigantopteris nicotianaefolia
Lobatannularia ensifolia
Lobatannularia heianensis
Lobatannularia lingulata
Lobatannularia multifolia
Neuropteridium coreanicum
Paracalamites stenocostatus
Pecopteris orientalis
Pecopteris sahnii
Pecopteris tenuicostata
Psaronius hexagonus
Rhipidopsis panii
Samaropsis taiyuanensis
Schizoneura manchuriensis
Sphenobaiera tenuistriata
Stigmara ficoides
Taeniopteris multinervis

Taeniopteris norinii
Taeniopteris taiyuanensis

China (Xinjiang)

Upper Permian

Comia cangfanggouensis
Lepeophyllum ovatum
Supaia serrata
Tychopteris densinervis
Tychopteris obesa

China (Xizang)

Upper Permian

Brongniartites sp.
Callipteris sp.
Callipteris sahnii
Compsopteris sp.
Dichotomopteris qubuensis
Dizeugotheca qubuensis
Ginkgophytopsis sp.
Glossopteris angustifolia
Glossopteris communis
Glossopteris indica
Iniopteris sp.
Peltaspermum sp.
Pursongia sp.
Raniganjia qubuensis
Sphenophyllum speciosum
Sylvella sp.
Syniopteris sp.

China (Yunnan)

Upper Permian

Abropteris guizhouensis
Annularia pingloensis
Annularia shirakii
Bifariusotheca qinglongensis
Calamites sp.
Carpolithes glansiformis
Carpolithes minutus
Carpolithes punctatus
Carpolithes speculatus
Chansitheca kidstonii
Cladophlebis fuyuanensis
Compsopteris punctinervis
Cornucarpus sp.
Cladophlebis ozakii
Cladophlebis parapermica
Cladophlebis permica
Cladophlebis yunnanica
Discinites orientalis
Discinites crossothecoides
Fasciapteris densata

Fasciapteris hallei
Fasciapteris stena
Gigantonoclea guizhouensis
Gigantonoclea hallei
Gigantonoclea lagrelii
Gigantonoclea plumosa
Gigantopteris dictyophylloides
Gigantopteris paradoxa
Guizhoua gregalis
Lepidodendron acutangulum
Lepidodendron lepidophloides
Lepidodendron oculus-felis
Lepidodendron xuanweiense
Lepidostrobus acutisquamus
Linophyllum xuanweiense
Lobatannularia cathaysiana
Lobatannularia lingulata
Lobatannularia multifolia
Lopadiangium acmodontum
Lophotheca panxianensis
Neurophyllites pectopteroides
Neuropteridium guizhouense
Otofolium ovatum
Paracalamites stenocostatus
Pecopteris echinata
Pecopteris elegantula
Pecopteris fuyuanensis
Pecopteris guizhouensis
Pecopteris lingulata
Pecopteris longifolioides
Pecopteris marginata
Pecopteris qingyunensis
Pecopteris sahnii
Pelourdea contracta
Plagiozamites oblongifolius
Prionophyllopteris spiniformis
Pterophyllum eratum
Rajahia guizhouensis
Rajahia major
Rajahia minor
Rajahia mirabilis
Rajahia rigida
Rhabdocarpos olivaeformis
Rhipidopsis ginkgoides
Rhipidopsis lobulata
Rhipidopsis panii
Rhizomopsis gemmifera
Schizoneura brevifolia
Schizoneura manchuriensis
Sphenophyllum sp.
Sphenophyllum koboense
Sphenophyllum sino-coreanum
Squamocarpus papilioformis
Stigmaria ficoides
Strigillotheca fasciculata
Taeniopteris crassinervis
Taeniopteris rarinnervis
Thallites sp.
Ullmannia bronni
Ullmannia frumentaria

C.S.S.R. (České Zemé — “Bohemia” —)

Lower Permian

Callipteris sp. (LPAutu)
Callipteris conferta (LPAutu)

France (–)

Permian (unspecified)

Lebachia sp.

Lower Permian

Callipteris conferta
Walchia piniformis

France (Allier)

Lower Permian

Dicranophyllum striatum (LPAutu)

France (Aveyron)

Lower Permian

Lebachia piniformis (LPAutu)

France (Hérault)

Lower Permian

Callipteris conferta
Lebachia piniformis (LPAutu)
Supaia thinnfeldioides (LPAutu?)
Trichopitys heteromorpha (LPAutu)

France (Loire)

Lower Permian

Dicranophyllum gallicum (LPAutu)
Sphenopteris germanica (LPAutu)

France (Saône-et-Loire)

Lower Permian

Arthropitys bistriata
Biscalitheca dubius (LPAutu)
Callipteris conferta (LPAutu)
Dadoxylon sp. (LPAutu)
Dadoxylon rollei (LPAutu)
Dicranophyllum gallicum (LPAutu)
Etapteris lacattei
Palaeoxylon sp.
Poroxylon sp.

Scleromedulloxylon varollense (LPAutu)
Taeniopteris doubingeri (LPAutu)

France (Var)

Upper Permian

Trichopitys gracilis

Lower Permian

Trichopitys gracilis (LPSaxo)

France (Vosges)

Lower Permian

Cyclopteris sp. (LPAutu)
Neuropteris neuropteroides (LPAutu)
Pecopteris polypodioides (LPAutu)
Poa-Cordaite sp. (LPAutu)
Taeniopteris multinervis (LPAutu)

G.B. (Falkland Islands)

Permian (unspecified)

Barakaroxylon lafoniense

G.D.R. (–)

Lower Permian

Psaronius sp.
Scolecopteris cyathea (LPRotl)

G.D.R. (Dresden)

Lower Permian

Asterotheca sternbergii (LPRotl)
Callipteris flabellifera (LPRotl)
Callipteris naumannii (LPRotl)
Carpentiera frondosa (LPRotl)
Cyclopteris rarinervia
Dicranophyllum gallicum (LPRotl)
Lebachia frondosa (LPRotl)
Nemejcopteris feminaeformis (LPAutu)
Pterispermotrobos wanderianus (LPRotl)
Pterophyllum cotteanum (LPRotl)
Weissites pinnatifidus (LPRotl)

G.D.R. (Erfurt)

Lower Permian

Alethopteris schneideri (LPAutu)
Calamites gigas (LPRotl)
Calamostachys dumasii (LPRotl)

Callipteris scheibei var. *scheibei* (LPAutu)
Lebachia piniformis (LPRotl)
Trichopitys heteromorpha (LPAutu)
Walchia germanica (LPAutu)

G.D.R. (Gera)

Lower Permian

Annularia carinata (LPRotl)
Annularia spicata (LPRotl)
Annularia stellata (LPRotl)
Aphlebia erdmannii (LPRotl)
Asterophyllites dumasii (LPRotl)
Asterophyllites equisetiformis fa.
equisetiformis (LPAutu, LPRotl)
Asterotheca arborescens (LPAutu)
Asterotheca cyathea (LPAutu)
Asterotheca hemitelioides (LPAutu)
Calamariophyllum zaeforme (LPRotl)
Calamites gigas (LPRotl)
Calamites multiramis (LPRotl)
Calamites suckowii (LPRotl)
Calamitina sp. (LPRotl)
Calamitopsis multiramis (LPAutu)
Calamostachys tuberculata (LPAutu, LPRotl)
Callipteris conferta (LPRotl)
Cardiocarpus gutbieri (LPAutu)
Dicksoniites pluckenettii (LPRotl)
Dicranophyllum gallicum (LPAutu)
Filicites aquilinus
Nemejcopteris feminaeformis (LPRotl)
Odontopteris osmundaeformis (LPAutu)
Odontopteris schlotheimii (LPRotl)
Palaeostachya thuringiaca
Pecopteris monyi
Pecopteris polypodioides
Pecopteris potoniei
Psaronius sp. (LPRotl)
Schizostachys spiciformis (LPRotl)
Scolecopteris arborescens (LPRotl)
Scolecopteris candolleana (LPRotl)
Scolecopteris cyathea (LPRotl)
Scolecopteris densifolia (LPRotl)
Scolecopteris hemitelioides (LPRotl)
Scolecopteris oreopteridia (LPRotl)
Scolecopteris polymorpha (LPRotl)
Scolecopteris pseudobucklandii (LPRotl)
Sphenophyllum angustifolium (LPAutu)
Sphenophyllum thonii (LPAutu)
Taeniopteris jejuna (LPAutu)
Walchia filiciformia (LPAutu)

G.D.R. (Halle)

Permian (unspecified)

Sphenobaiera digitata

Upper Permian

Callipteris martinsii (UPKupf)
Neocalamites mansfeldicus (UPKupf)
Sphenobaiera digitata (UPKupf)
Taeniopteris eckardtii (UPKupf)
Ullmannia frumentaria (UPKupf)

Lower Permian

Callipteris naumannii (LPAutu)
Plagiozamites sp. (LPAutu)
Plagiozamites planchardii (LPAutu)

G.D.R. (Karl-Marx-Stadt)

Lower Permian

Alethopteris schneideri (LPAutu, LPRotl)
Alethopteris subelegans (LPRotl)
Ankyropteris scandens (LPRotl)
Annularia sp. (LPRotl)
Annularia carinata (LPRotl)
Annularia sphenophylloides (LPRotl)
Annularia spicata (LPRotl)
Annularia stellata (LPRotl)
Arthropitys bistriata (LPRotl)
Artisia approximata (LPRotl)
Asterochlaena laxa (LPRotl)
Asterophyllites equisetiformis (LPRotl)
Botryopteris burgkensis (LPRotl)
Calamitea bistriata (LPRotl)
Calamites sp. (LPRotl)
Calamites crassicaulis (LPRotl)
Calamites gigas (LPRotl)
Calamites infractus (LPRotl)
Calamites multiramis (LPRotl)
Calamites suckowii (LPRotl)
Calamodendron striatum (LPRotl)
Calamostachys sp. (LPRotl)
Calamostachys dumasii (LPRotl)
Calamostachys tuberculata (LPRotl)
Callipteridium gigas (LPRotl)
Callipteris conferta (LPRotl)
Callipteris naumannii (LPRotl)
Callipteris weberi (LPAutu)
Cardiocarpus elongatus (LPRotl)
Cardiocarpus reniforme (LPRotl)
Cordaianthus baccifer (LPRotl)
Cordaianthus gemmifer (LPRotl)
Cordaites sp. (LPRotl)
Cordaites foliolatus (LPRotl)
Cyclopteris sp. (LPRotl)
Dactylothea elaverica (LPRotl)
Dadoxylon sp. (LPRotl)
Dicalamophyllum altendorfense (LPRotl)
Dicalamophyllum validum (LPRotl)
Dicksoniites pluckenetii (LPRotl)
Dicranophyllum sp. (LPRotl)
Dicranophyllum gallicum (LPRotl)
Ernestiodendron filiciformia (LPRotl)

Grammatopteris baldaufii (LPRotl)
Holcospermum sulcatum (LPRotl)
Lebachia sp. (LPRotl)
Macrostachya carinata (LPRotl)
Medullosa elegans (LPRotl)
Medullosa leuckartii (LPRotl)
Medullosa stellata (LPRotl, LPAutu)
Myeloxylon sp. (LPAutu)
Myeloxylon elegans (LPRotl)
Nemejcopteris feminaeformis (LPRotl)
Neuropteris cordata (LPRotl)
Neuropteris neuropteroides (LPRotl)
Neuropteris planchardii (LPRotl)
Noeggerathia zamitoides (LPRotl)
Odontopteris lingulata (LPRotl)
Palaeostachya superba
Pecopteris sp.
Pecopteris integra
Pecopteris mentiens
Peltostachys altendorfense (LPRotl)
Poa-Cordaites sp. (LPRotl)
Psaronius sp. (LPRotl, LPAutu)
Psaronius asterolithus
Psaronius infarctus (LPRotl)
Psaronius polyphyllus (LPRotl)
Psaronius simplex
Psaronius ungeri (LPRotl)
Psaronius weberi (LPRotl)
Pseudomariopteris ribeyronii (LPRotl)
Reticulopteris germari (LPRotl)
Scolecopteris arborescens (LPRotl)
Scolecopteris candolleana (LPRotl)
Scolecopteris densifolia (LPRotl)
Scolecopteris hemitelioides (LPRotl)
Scolecopteris lepidorhachis (LPRotl)
Scolecopteris permica (LPRotl)
Scolecopteris polypodioides (LPRotl)
Senftenbergia saxonica (LPRotl)
Sigillaria brardii (LPRotl)
Sphenophyllum sp. (LPRotl)
Sphenophyllum angustifolium (LPRotl)
Sphenophyllum oblongifolium (LPRotl)
Sphenophyllum thonii (LPRotl)
Sphenopteris guetzoldii (LPRotl)
Sphenopteris mathetii (LPRotl)
Taeniopteris abnormis (LPRotl)
Taeniopteris jejuna (LPRotl)
Trigonocarpum sp. (LPRotl)
Trigonocarpum noeggerathii (LPRotl)
Tubicaulis solenites (LPRotl)
Walchiopremnon sp. (LPRotl)
Weissites pinnatifidus (LPRotl)
Zygopteris primaria (LPRotl)

G.D.R. (Leipzig)

Lower Permian

Callipteris naumannii (LPRotl)
Callipteris polymorpha (LPRotl)

Lebachia goeppertiana (LPRotl)
Odontopteris lingulata (LPRotl)
Pachytesta sp. (LPRotl)
Sphenopteris germanica (LPRotl)

G.D.R. (Suhl)

Upper Permian

Ullmannia lycopodioides (UPZech)

Lower Permian

Alethopteris grandinii (LPAutu)
Alethopteris schneideri (LPAutu)
Annularia stellata (LPAutu)
Calamites gigas (LPRotl)
Callipterianthus arnhardtii (LPAutu)
Callipteris sp. (LPAutu)
Callipteris conferta (LPAutu)
Callipteris conferta var. *supaioides* (LPAutu)
Callipteris flabellifera (LPAutu)
Dicranophyllum gallicum (LPAutu, LPRotl)
Dicranophyllum hallei (LPAutu)
Lebachia piniformis (LPAutu)
Lilpopia crockensis (LPAutu)
Paracalamostachys heterospora (LPRotl)
Sphenopteris germanica (LPAutu)

G.F.R. (Baden-Württemberg)

Lower Permian

Callipteris conferta
Pterophyllum blechnoides (LPAutu)

G.F.R. (Bayern)

Permian (unspecified)

Myeloxylon sp.

Lower Permian

Lesleya gimmii (LPAutu)

G.F.R. (Hessen)

Permian (unspecified)

Cupressites hulmannii

Upper Permian

Callipteris martinsii (UPZech, UPKupf)
Culmitzschia florinii (UPKupf)
Neocalamites mansfeldicus (UPKupf)
Pseudovoltzia sp. (UPKupf)
Pseudovoltzia liebeana (UPThur, UPKupf)

Sphenobaiera digitata (UPKupf)
Sphenopteris dichotoma (UPKupf)
Sphenopteris patens (UPKupf)
Taeniopteris eckardtii (UPKupf)
Ullmannia bronnii (UPKupf)
Ullmannia frumentaria (UPKupf)

G.F.R. (Rheinland-Pfalz)

Lower Permian

Callipteris conferta (LPRotl)
Cordaite sp. (LPRotl)
Odontopteris lingulata (LPAutu)

G.F.R. (Rheinland-Westfalen)

Upper Permian

Ullmannia bronnii (UPKupf)

G.F.R. (Saarland)

Lower Permian

Callipteris conferta (LPRotl, LPAutu)
Lebachia piniformis (LPRotl)
Lebachia speciosa (LPRotl)
Mesocalamites gigas (LPAutu)
Pecopteris gigantea
Taeniopteris multinervis (LPAutu)
Walchia piniformis (LPRotl)

Greenland (East)

Permian (unspecified)

Cordaite sp.

India (–)

Permian (unspecified)

Denkania indica
Eretmonia ovoides
Glossopteris nimishea
Partha spathulata
Venustostrobus sp.

Upper Permian

Alethopteris sp. (UPBara- Rani)

Lower Permian

Paratrizygia rhodesii (LPBara)

Lower Gondwana

Arberiella africana

Glossopteris angustifolia
Glossopteris pantii (LGRani)
Glossopteris sastrii
Ottokaria sp.
Ottokaria bengalensis (LGKarh)
Vertebraria sp.

India (Assam)

Lower Gondwana

Glossopteris browniana
Glossopteris communis
Glossopteris parallela
Glossopteris stricta

India (Bihar)

Upper Permian

Buriadia sp. (UPKarh)
Glossopteris sp. (UPRani)
Glossopteris browniana (UPRani)
Glossopteris communis (UPRani)
Glossopteris conspicua (UPRani)
Glossopteris decipiens (UPRani)
Glossopteris divergens (UPRani)
Glossopteris fusa (UPRani)
Glossopteris leptoneura (UPRani)
Glossopteris nidpurensis (UPRani)
Glossopteris retifera (UPRani)
Glossopteris stricta (UPRani)
Palmatophyllites wardii (UPKarh)
Plumsteadia lanceolata (UPRani)
Rubidgea emarginata (UPKarh)

Lower Permian

Diphyllopteris verticillata (LPBara)
Glossopteris decipiens (LPKarh)
Glossopteris longicaulis (LPKarh)
Neomariopteris barakarensis (LPBara)
Ottokaria biharensis (LPBara)

Lower Gondwana

Barakaroxydon jahriense (LGBara)
Barakaroxydon monocalosum (LGBara)
Caulophyllites indica (LGKarh)
Cheirophyllum lacerata (LGKarh)
Dichotomopteris ovata (LGRani?)
Euryphyllum whittianum (LGKarh)
Gangamopteris angustifolia (LGKarh)
Gangamopteris clarkeana (LGKarh)
Gangamopteris cyclopteroides (LGKarh)
Glossopteris sp.
Glossopteris ampla (LGBara)
Glossopteris angusta (LGKarh)
Glossopteris angustifolia (LGRani, LGBara)
Glossopteris barakarensis (LGBara)

Glossopteris browniana (LGBara)
Glossopteris churiensis (LGBara)
Glossopteris communis (LGKarh, LGBara)
Glossopteris conspicua (LGBara)
Glossopteris damudica (LGKarh)
Glossopteris decipiens (LGKarh)
Glossopteris divergens (LGRani)
Glossopteris emarginata (LGBara)
Glossopteris fuchsii (LGBara)
Glossopteris giridihensis (LGKarh)
Glossopteris indica (LGBara, LGRani)
Glossopteris intermedia (LGBara, LGRani)
Glossopteris intermittens (LGBara)
Glossopteris karanpurensis (LGBara)
Glossopteris karharbariensis (LGKarh)
Glossopteris leptoneura (LGBara)
Glossopteris longicaulis (LGKarh)
Glossopteris nakkarea (LGBara)
Glossopteris nimishea (LGBara)
Glossopteris pandurata (LGBara, LGKarh)
Glossopteris pantii (LGRani)
Glossopteris raniganjensis (LGBara, LGBarM, LGRani)
Glossopteris recurva (LGKarh)
Glossopteris retifera (LGBara)
Glossopteris rewaensis (LGRani)
Glossopteris saksenae (LGBara)
Glossopteris stenoneura (LGBara)
Glossopteris stricta (LGKamt, LGRani)
Glossopteris syaldiensis (LGBara)
Glossopteris taeniensis (LGBara, LGKarh)
Glossopteris taenioides (LGKarh)
Glossopteris talchirensis (LGTalc)
Glossopteris tortuosa (LGBara)
Glossopteris varia (LGRani)
Glossopteris vulgaris (LGRani)
Glossopteris zeilleri (LGKarh)
Neomariopteris hughesii (LGKarh)
Noeggerathiopsis densinervis (LGKarh)
Ottokaria bengalensis (LGKarh)
Samaropsis ganjensis (LGKarh)
Santhalea bansloiensis (LGRani?)
Stellotheca robusta
Vertebraria indica (LGBara, LGKarh)

India (Jammu and Kashmir)

Permian (unspecified)

Kashmiropteris meyenii
Kawizophyllum dunpathriensis
Pecopteris sp.

India (Madhya Pradesh)

Permian (unspecified)

Glossopteris indica

Upper Permian

Cistella sp.

Glossopteris sp.
Glossopteris angustifolia
Glossopteris communis
Glossopteris feistmantelii (UPRani)
Glossopteris indica
Glossopteris leptoneura
Glossopteris longicaulis
Glossopteris retifera
Glossopteris stenoneura
Neomariopteris lobifolia
Schizoneura gondwanensis
Sphenopteris sp.
Vertebraria sp.

Lower Permian

Glossopteris taenioides (LPKarh)

Lower Gondwana

Glossopteris bosei (LGRani)
Glossopteris communis (LGKarh)
Glossopteris feistmantelii (LGRani)
Glossopteris indica (LGKarh)
Glossopteris raniganjensis (LGRani)
Glossopteris rewaensis (LGKarh)
Glossopteris saksenae (LGBara)
Glossopteris spatulata (LGKarh)

India (Maharashtra)

Upper Permian

Glossopteris stricta (UPRani)
Neomariopteris polymorpha
Rhipidopsis gondwanensis
Taxopitys indica (UPKamt)

Lower Gondwana

Araucarioxylon loharense
Glossopteris indica (LGKamt)
Glossopteris raniganjensis (LGKamt)

India (Orissa)

Permian (unspecified)

Dictyopteridium sporiferum
Eretmonia utkalensis
Glossotheca utkalensis

Upper Permian

Denkania indica (UPRani)
Eretmonia hinjridaensis (UPRani)
Eretmonia ovoides (UPRani)
Eretmonia utkalensis (UPRani)
Lidgettonia mucronata (UPRani)
Neomariopteris khani (UPKamt)
Partha spathulata (UPRani)

Lower Gondwana

Glossopteris maculata (LGRani)
Glossotheca orissiana
Glossotheca utkalensis
Scutum sahnii (LGRani)

India (Uttar Pradesh)

Lower Gondwana

Glossopteris indica (LGKamt)
Glossopteris raniganjensis (LGKamt)
Glossopteris stricta (LGKamt)
Glossopteris taeniopteroides

India (West Bengal)

Upper Permian

Asansolia phegopteroides (UPRani)
Belemnopteris pellucida (UPRani)
Belemnopteris sagittifolia (UPRani)
Cornuspermum pennatus (UPRani)
Damudosorus searsolensis (UPRani)
Dictyopteridium feistmantelii (UPRani)
Dictyopteridium sporiferum (UPRani)
Glossopteris angustifolia (UPRani)
Glossopteris browniana (UPRani)
Glossopteris clarkei (UPRani)
Glossopteris communis (UPRani)
Glossopteris conspicua (UPRani)
Glossopteris contracta (UPRani)
Glossopteris divergens (UPRani)
Glossopteris formosa (UPRani)
Glossopteris ghusikensis (UPRani)
Glossopteris indica (UPRani)
Glossopteris intermedia (UPRani)
Glossopteris orbicularis (UPRani)
Glossopteris retifera (UPRani)
Glossopteris tenuinervis (UPRani)
Jambadostrobus pretiosus (UPRani)
Kendostrobus cylindricus (UPRani)
Ottokaria raniganjensis (UPRani)
Palaeospiroxylon heterocellularis (UPRani)
Parasphenophyllum crenulatum (UPRani)
Platycardia bengalensis (UPRani)
Scutum leslium (UPRani)
Senotheca sp. (UPRani)
Senotheca murulidihensis (UPRani)
Trithecopteris gondwanensis (UPRani)
Trizygia speciosa (UPRani)
Venustostrobus diademus (UPRani)

Middle Permian

Glossopteris damudica

Lower Permian

Glossopteris intermittens (LPBara)

Lower Gondwana

Arberiella vulgaris (LGRani)
Dictyopteridium feistmantelii (LGRani)
Eretmonia sp. (LGRani)
Eretmonia emarginata (LGRani)
Glossopteris sp. (LGRani)
Glossopteris angustifolia (LGRani)
Glossopteris arberi (LGRani)
Glossopteris bosei (LGRani)
Glossopteris brongniartii (LGRani)
Glossopteris browniana
Glossopteris conspicua (LGRani)
Glossopteris cordiformis (LGRani)
Glossopteris damudica (LGBarM)
Glossopteris divergens (LGRani)
Glossopteris euryneura (LGRani)
Glossopteris formosa (LGRani)
Glossopteris gigas (LGRani)
Glossopteris gondwanensis (LGRani)
Glossopteris indica (LGRani)
Glossopteris intermedia (LGRani)
Glossopteris intermittens (LGBara)
Glossopteris lanceolata (LGRani)
Glossopteris maculata (LGRani)
Glossopteris major (LGRani)
Glossopteris mohudaensis (LGRani)
Glossopteris nakkarea (LGBara)
Glossopteris nautiyalii (LGRani)
Glossopteris nimishea (LGBara)
Glossopteris oldhamii (LGRani)
Glossopteris orbicularis (LGRani)
Glossopteris pantii (LGRani)
Glossopteris radiata (LGRani)
Glossopteris raniganjensis (LGRani)
Glossopteris retifera (LGRani)
Glossopteris retusa (LGRani)
Glossopteris rewaensis (LGRani)
Glossopteris rhabdotaenioides (LGRani)
Glossopteris sahnii (LGRani)
Glossopteris sastrii (LGRani)
Glossopteris searsolensis (LGRani)
Glossopteris spatulata (LGRani)
Glossopteris srivastavae (LGRani)
Glossopteris stenoneura (LGBara)
Glossopteris subtilis (LGRani)
Glossopteris taenioides (LGRani)
Glossopteris tenuifolia (LGRani)
Glossopteris tenuinervis (LGRani)
Glossopteris tortuosa (LGRani)
Glossotheca immanis (LGRani)
Jambadostrobos pretiosus (LGRani)
Plumsteadia strobos sp. (LGRani)
Plumsteadia strobos ellipticus (LGRani)
Pterygospermum raniganjense (LGRani)
Scirroma sp. (LGRani)
Scirroma angusta (LGRani)
Scirroma ventilebra (LGRani)
Venustostrobos diademus (LGRani)
Venustostrobos indicus (LGRani)

Indonesia (Sumatra)

Lower Permian

Gothanopteris bosschana
Palaeogoniopteris mengkarangensis

Italy (Bolzano)

Upper Permian

Masculostrobus sp.
Ullmannia sp.
Ullmannia bronnii
Ullmannia frumentaria
Voltzia sp.
Voltzia hungarica

Italy (Brescia)

Lower Permian

Callipteris nicklesii (LPSaxo)
Culmitzschia sp. (LPSaxo)
Lebachia hypnoides (LPSaxo)
Lepeophyllum sp. (LPSaxo)
Lesleya eckhardtii (LPSaxo)
Quadrocladus sp. (LPSaxo)
Sphenopteris interrupte-pinnata (LPSaxo)
Sphenopteris kukukiana (LPSaxo)
Sphenopteris patens (LPSaxo)
Sphenopteris suessii (LPSaxo)
Telangium sp. (LPSaxo)
Ullmannia frumentaria (LPSaxo)
Walchia geinitzii (LPSaxo)
Walchia germanica (LPSaxo)
Walchia stricta (LPSaxo)
Walchiostrobus sp. (LPSaxo)

Japan (–)

Lower Permian

Ginkgophyton maiyaense

Laos (–)

Permian (unspecified)

Bicoemphleopteris halleii
Cladophlebis ozakii
Pecopteris hemitelioides
Pterophyllum fromagetii
Sphenozamites sp.

Madagascar (Sakamena)

Upper Permian

Dadoxylon malaimbandense

Madagascar (Sakoa Basin)

Lower Gondwana

Cordaicarpus sp. (LGKarh–Bara?)
Cordaicarpus madagascariensis (LGKarh–Bara?)
Dolianitia madagascariensis (LGKarh–Bara?)
Elatra bella (LGKarh–Bara?)
Gangamopteris sp. (LGKarh–Bara?)
Gangamopteris cyclopteroides (LGTalc–Karh?)
Gangamopteris oblanceolata (LGTalc–Karh?)
Glossopteris sp. (LGKarh–Bara?)
Glossopteris browniana (LGKarh–Bara?)
Glossopteris communis LGKarh–Bara?)
Glossopteris damudica (LGKarh–Bara?)
Glossopteris indica (LGKarh–Bara?)
Lesleya sp. (LGTalc–Karh?)
Noeggerathiopsis hislopi (LGKarh–Bara?)
Sakoarota polyangiata (LGKarh–Bara?)
Sphenophyllum sakoense (LGKarh–Bara?)
Sphenopteris sp. (LGKarh–Bara?)
Taeniopteris punctifera (LGKarh–Bara?)

Malaysia (–)

Permian (unspecified)

Ptychocarpus malaianus
Rajahia linggiuensis

Mongolia (–)

Upper Permian

Bachtia sp.
Callipteris sp.
Callipteris altaica
Callipteris confluens
Callipteris jerunakovensis
Callipteris mongoliaensis
Callipteris orientalis
Callipteris sahnii
Carpolithes sp.
Cladophlebis sp.
Cladophlebis mongolica
Cladostrobus lutuginii
Comia sp.
Comia enisejevensis
Compsopteris sp.
Cordaicladus sp.
Cordaites sp.
Cordaites adleri
Cordaites gracilentus
Cordaites kuznetskianus
Cordaites tologoiensis
Cordaites truncatus
Crassinervia sp.
Crassinervia ovifolia
Eichwaldia sp.
Equisetum sp.
Ginkgoites sp.

Glottophyllum sp.
Glottophyllum cuneatum
Glottophyllum karpovii
Iniopteris sp.
Laxostrobus sp.
Lepeophyllum sp.
Lepeophyllum actaeonelloides
Lepeophyllum belovoense
Niazonaria sp.
Pecopteris anthriscifolia
Pecopteris bobrovii
Pecopteris julii
Pecopteris laxifolia
Pecopteris leninskiensis
Pecopteris mucronata
Rhipidopsis palmata
Rufioria brevifolia
Rufioria delicata
Rufioria lepeophylloides
Rufioria magnifolia
Rufioria ulannurica
Samaropsis kureikaensis
Skokia elongata
Sphenopteris grabau
Sphenopteris taiyuanensis
Taeniopteris sp.
Tchernovia sp.
Tungussocarpus tychtensis
Tychopteris cuneata
Yavorskyia hebetata
Zamiopteris sp.
Zamiopteris dubia

Lower Permian

Annularia undulata
Bardocarpus tunguskaensis
Cordaites latifolius
Crassinervia oblongifolia
Rufioria sp.
Rufioria derzavini
Rufioria kerulenica
Rufioria rasskasovae
Rufioria tuberculosa
Samaropsis sp.
Skokia elongata
Sphenopteris tunguscana
Vojnovskya sp.
Vojnovskya minima

Mozambique (Zambesi Basin)

Permian (unspecified)

Zalasskyoxylon zambesiensis

Namibia (–)

Permian (unspecified)

Paracalamites sp.

Upper Permian

Brasilodendron africanum (U?P)
Brasilodendron pedroanum (U?P)
Lycopodiopsis costilatus (U?P)
Lycopodiopsis derbyi (U?P)

Karoo

Glossopteris sp.
Protophyllocladoxylon sp.

New Zealand (South Island)**Permian (unspecified)**

Glossopteris sp.

Upper Permian

Glossopteris ampla (UPKaza)

North Korea (Kaisen, Heian-Nando)**Lower Permian**

Bicoemleptopteridium longifolium

North Korea (Tokusen)**Lower Permian**

Gigantopteris nicotianaefolia

Poland (Promnik Basin)**Upper Permian**

Voltzia liebeana (UPZech)

Rhodesia (-)**Permian (unspecified)**

Glossopteris sp.

Saudi Arabia ('Unayzah)**Lower Permian**

Annularia stellata
Cordaitea principalis
Marattiopsis sp.
Pecopteris sp.
Pecopteris hemitelioides

South Africa (-)**Permian (unspecified)**

Glossopteris sp.

Lower Gondwana

Lycopodiopsis sp.
Lycopodiopsis costilatus
Lycopodiopsis derbyi

South Africa (Cape Province)**Karoo**

Gangamopteris sp.
Gondwanidium sp.

Ecca

Glossopteris sp.

South Africa (Natal)**Permian (unspecified)**

Arberiella sp.
Equisetum sp.
Eretmonia sp.
Lidgettonia sp.
Lidgettonia africana

Upper Permian

Arberiella sp.
Belemnopteris elongata
Dictyopteridium flabellatum
Dictyopteridium sporiferum
Eretmonia natalensis
Fetura natalensis
Lidgettonia africana
Mooia lidgettonioides
Phyllothea australis
Plumsteadia sp.
Plumsteadia natalensis
Rigbya arberioides
Rusangea elegans
Shizoneura gondwanensis
Scopus confertus
Scopus didiscus
Scopus gibbosus
Scopus obscurus
Sphenophyllum speciosum
Sphenopteris sp.
Sphenopteris alata

Karoo

Dadoxylon arberi (UK)

South Africa (Orange Free State)**Permian (unspecified)**

Glossopteris sp.

Karoo

Gondwanidium sp.

Ecce*Tordoxylon steynspruitense***South Africa (Transvaal)****Permian (unspecified)**

Glossopteris sp.
Glossopteris ampla
Glossopteris andreanskyi
Glossopteris browniana
Glossopteris communis
Glossopteris cyclopteroides
Glossopteris damudica
Glossopteris divergens
Glossopteris indica
Glossopteris intermittens
Glossopteris kashmirensis
Glossopteris maccovi
Glossopteris major
Glossopteris obliqua
Glossopteris obovata
Glossopteris pseudocommunis
Glossopteris taeniopteroides
Glossopteris tortuosa
Gondwanidium sp.
Rubidgea sp.

Lower Permian

Cladophlebis nebbensis
Pecopteris plumsteadiae
Pecopteris singeri
Psymophyllum kidstonii
Sphenophyllum thonii

Lower Gondwana

Lycopodiopsis sp.
Lycopodiopsis derbyi

South Africa (Zululand)**Permian (unspecified)***Osmundacaulis stumkei***South Korea (Seizen)****Upper Permian***Emplectopteridium alatum***Spain (Gerona)****Lower Permian**

Ernestiodendron filiciformia (LPAutu)
Lebachia piniformis (LPAutu)
Ullmannia frumentaria (LPAutu)
Walchia germanica (LPAutu)

Spain (Guadalajara)**Lower Permian (all LPAutu)**

Callipteris conferta
Callipteris raymondii
Odontopteris gimmii
Pecopteris pectinata

Spain (Sevilla)**Permian (unspecified)***Dadoxylon* sp.**Lower Permian**

Ginkgoites sp. (LPAutu?)
Ginkgophyllum sp. (LPAutu?)
Pecopteris lamuriana (LPAutu?)
Protoblechnum wongii (LPAutu?)

Spain (Soria)**Lower Permian (all LPAutu)**

Callipteris conferta
Cathaysiopteris whitei
Dizeugotheca sp.
Equisetites elongatus
Gamophyllites sp.
Gigantonoclea lagrelii
Koretrophyllites crassinervis
Lebachia piniformis
Lepidodendron posthumii
Paracordaite sp.
Tingia carbonica
Umbellaphyllites annularioides

Thailand (–)**Permian (unspecified)***Ginkgophyton komalarjunii***Turkey (Anatolia)****Upper Permian***Bicoemphlectopteris hallei***U.S.A. (Colorado)****Lower Permian***Sphenopteris germanica* (LPAutu)**U.S.A. (Kansas)****Lower Permian***Callipteris flabellifera* (LPAutu)

Callipteris moorei (LPAutu)
Sphenopteris sellardsii

U.S.A. (New Mexico)

Lower Permian

Calamites sp.
Lepidodendron sp.
Millaya tularosana (LPWolf)
Sigillaria sp.

U.S.A. (Pennsylvania)

Lower Permian

Lescuropteris moorii (LPAutu)

U.S.A. (Texas)

Permian (unspecified)

Gigantopteris sp.
Lobatannularia sp.

Lower Permian

Archaeocycas whitei
Cycadospadix yochelsonii
Gigantopteridium americanum
Sandrewia texana

U.S.A. (West Virginia)

Lower Permian

Alethopteris grandini
Alethopteris serlii
Alethopteris virginiana
Annularia asteris
Annularia sphenophylloides
Annularia stellata
Asterophyllites equisetiformis
Asterophyllites longifolius
Calamites carinatus
Callipteridium sp.
Callipteridium gigas
Callipteridium pteridium
Callipteris conferta
Crossotheca sp.
Crossotheca crepinii
Crossotheca sagittata
Danaeites emersonii
Dolerotheca pennsylvanicum
Eremopteris crenulata
Eremopteris missouriensis
Eusphenopteris obtusiloba
Eusphenopteris striata
Holcospermum sp.
Lepidodendron aculeatum
Lepidodendron worthenii
Lescuropteris moorii

Neuropteris fimbriata
Neuropteris ovata
Neuropteris scheuchzeri
Odontopteris aequalis
Odontopteris brardii
Pecopteris arborescens
Pecopteris candolleana
Pecopteris cyathea
Pecopteris feminaeformis
Pecopteris hemitelioides
Pecopteris lamuriana
Pecopteris polymorpha
Pecopteris unita
Pseudomariopteris cordato-ovata
Sigillaria brardii
Sphenophyllum angustifolium
Sphenophyllum emarginatum
Sphenophyllum majus
Sphenophyllum oblongifolium
Stigmaria ficoides
Trigonocarpum sp.
Walchia sp.

U.S.S.R. (Kazakhstan)

Upper Permian

Phylladoderma stenuifolia

Lower Permian

Marginopteris kasachstanica
Rufloria bakanasica

U.S.S.R. (Kazakhstan — Dzhungariya —)

Upper Permian

Chulakia alveolata
Chulakia pilifera
Dzungariella fucoides
Dzungariella kizilkainarica

U.S.S.R. (Kemerovskaya Oblast — Kuzbass —)

Upper Permian

Cladophlebis licharevii
Cordaites torulosus
Ricciopsis parva
Rufloria marginata
Rufloria mira
Rufloria seljatskii
Sparsistomites communis

Lower Permian

Jaganovia ziminkensis
Koretrophyllites gracilis
Koretrophyllites latifolius

U.S.S.R. (Komi A.S.S.R.)*Upper Permian*

Bachtia sp. (UPKaza)
Bajdaievia longiuscula (UPKaza)
Bajdaievia speciosa (UPKaza, UPTata)
Intia falciformis (UPTata)
Kosjunia polyedra (UPKaza)
Rhaphidopteris praecursoria (UPKaza)
Syrjagia lituata (UPKaza)
Uskatia dentata (UPKaza)
Vorcutannularia laevis (UPTata, UPKaza)

Lower Permian

Bachtia sp. (LPUfim)
Bajdaievia speciosa (LPUfim)
Intia falciformis (LPUfim)
Intia variabilis (LPUfim)
Intia vermicularis (LPUfim)
Intia vicaria (LPUfim)
Junjagia glottophylla (LPUfim)
Kosjunia polyedra (LPUfim)
Kosjunia retusa (LPUfim)
Protosphagnum nervatum (LPUfim)
Salairia confinis (LPUfim)
Salairia singularis (LPUfim)
Syrjagia rectiserialis (LPUfim)
Uskatia dentata (LPUfim)
Uskatia vicina (LPUfim)
Vorcutannularia plicata (LPUfim)

U.S.S.R. (Komi A.S.S.R. — Pechora Basin —)*Upper Permian*

Cardiolepis piniformis
Cladophlebis gorskii
Nucicarpus piniformis
Prynadaeopteris minuta
Prynadaeopteris rhomboidea
Slivkovia petschorensis
Sporophyllites petschorensis

Lower Permian

Vojnovskya paradoxa

**U.S.S.R. (Krasnoyarskiy Kray
— Tungusk Basin —)***Upper Permian*

Peltaspermum sp.
Rufloria ilimpejica
Rufloria tomentella
Tatarina lobata
Tatarina sadovnikovii
Umbellaphyllites nacumilensis

Lower Permian

Cardiocarpus cardiformis
Cordaicarpus trapezoideus
Ricciopsis anakitensis

U.S.S.R. (Primorskiy Kray)*Upper Permian*

Angaropteridium tyrganicum
Asterotheca primorskiensis
Cladophlebis melnikovii
Cordaites sp.
Cordaites buragoi
Cordaites primorskiensis
Crassinervia pentagonata
Gangamopteris sp.
Gangamopteris cyclopteroides
Gangamopteris pacifica
Gangamopteris ussuriensis
Ginkgophyton giganteum
Glossopteris sp.
Glossopteris indica
Glossopteris orientalis
Glossopteris tunguscana
Marattiopsis orientalis
Palaeovittaria sp.
Pecopteris dissimilaris
Pecopteris niamdensis fa. *makuchinae*
Phylladoderma sp.
Psygmodphyllum ussuriense
Rufloria derzavinii
Rufloria sublancoolata
Rufloria vassilyevii
Sphenobaiera macrofolia
Sphenozamites permicus
Taeniopteris sp.
Taeniopteris primorjensis
Taeniopteris sinogorkiensis
Zamiopteris dubia
Zamiopteris gorelovae

Lower Permian

Angaridium sp.
Angaropteridium sp.
Annularia tenuifolia
Annularia planifolia fa. *crassinervia*
Cardioneura pulchra
Cardioneura tebenjkovii
Cordaites sp.
Cordaites latifolius
Cordaites primorskiensis
Crassinervia sp.
Crassinervia grammii
Crassinervia neuburgiana
Crassinervia pentagonata
Crassinervia strelokensis
Crassinervia tunguscana
Gaussia scutellata

Lepeophyllum trigonum
Nephropsis sp.
Nephropsis acuminata
Nephropsis asiatica
Nephropsis integerrima
Nephropsis lampadiformis
Nephropsis pospeloviensis
Nephropsis pseudosimilis
Paracalamites crassus
Paracalamites decoratus
Prynadaeopteris tunguscan
Rufloria sp.
Rufloria derzavinii
Rufloria mirabilis
Rufloria recta
Rufloria subanceolata
Rufloria theodorii
Rufloria ussurica
Sphenophyllum sp.
Sphenophyllum meyenii
Sphenophyllum osipoviense
Vojnovskya elegans
Vojnovskya pacifica
Zamiopteris sp.
Zamiopteris daubichites
Zamiopteris glossopteroides
Zamiopteris gorelovae
Zamiopteris lanceolata
Zamiopteris rotunda
Zamiopteris schmalhauseni
Zamiopteris subglossopteroides

U.S.S.R. (Vologda — Aristovo —)

Upper Permian

Peltaspermum sp. (UPTata)
Peltaspermum buevichae (UPTata)
Phylladoderma aequalis (UPTata)
Quadrocladus dvojnensis (UPTata)
Sashinia aristovensis (UPTata)
Tatarina conspicua (UPTata)
Tatarina pinnata (UPTata)
Tatarina sinuosa
Tatarina verrucosa

U.S.S.R. (West Ural)

Upper Permian

Sphenopteris interrupte-pinnata (UPKupf)

U.S.S.R. (Yakutskaya A.S.S.R. — Verkhoyansk —)

Upper Permian

Cordaite gracilentus
Cordaite minax
Laxostrobus sp.
Phyllothea turnaensis

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