

AFS Spore Exchange List as of 11-Mar-2024

If you wish to request or donate spores, please visit the spore exchange page of the American Fern Society: [AFS spore exchange page](#)

Listed below is a snapshot of the entire spore bank inventory as of the date at the top of the page. It is arranged alphabetically by botanical name and includes unique order numbers to simplify requesting and processing orders.

Key to column headings:

pic: Link to donor supplied picture(s) of the fern the spores were collected from.

Most rcnt mo / yr - donor: For the most recently donated spores, the month and year of spore collection and the donor initials.

Packets rcnt (tot): The number of spore packets available of the most recent donation and the total number of packets available including past donations. Each packet contains approximately 3 to 10 cubic millimeters of spores (several thousand spores). Those marked as "Small qnty" in the notes column contain less than 3 cubic millimeters.

Fr SZ: Approximate maximum frond size. Very Small = less than 4 inches, Small = 4 inches to 1 foot, Medium = 1 to 3 feet, Large = 3 to 6 feet, Very Large = greater than 6 feet.

USDA Zone: Minimum and maximum growing zones based on various books and the internet.

Notes: Common synonyms and miscellaneous notes.

Viability Test: Spores sown on sterilized Pro-Mix HP soil or hydroponic agar and maintained for 8-16 weeks at room temperature 11 inches below two 20W cool white fluorescent tubes (or equivalent) illuminated 14 hours per day. ++ = Most spores germinated, + = partial germination, +? = few spores germinated, -? = <5 spores germinated, - = no germination, (blank) = not tested., P = results pending.

The following donors contributed spores to this list: (AB) Alex baranowski, (AM) Andrew McEnaney, (AV) Albertus Jan-Willem Vos of Botanical Garden Château Pérouse, (BA) Brian Aikins, (BH) Bart Hendrikk, (BJH) Barbara Joe Hoshizaki, (BT) Brian Torreano, (CD) Chris Depew, (CF) Casa Flora, (CJS) Claus-Jürgen Schieb, (DE2) Doug Eckel, (DH) Dave Halvax, (DJ) David E.V. Jones, (DY) Daniel Yansura, (FS) Florent Simon, (FW) Frank Wolpert, (GR) Giles Reed, (JC) James Cheshire, (JK) John Knouse, (KB) Kees Boele, (KK) Karma Kosmonaut, (LE) Libor Ekrt, (LL) Leonel Lin, (MAV) Miguel Angel Varela, (MG) Michèle Gonzy, (MH) Mauro Hoijemberg, (MM) Maes Mario, (MM2) Margaret Molyson, (MS) Mary Stensvold, (MW) Michael Whitworth, (PC) Palmer Crippen, (PP) Peter Podaras, (RB2) Remko Beuving, (RB3) Roger Beckman, (RC) Richard Carl, (RPH) Rens Huibers, (SM2) Sue Mandeville, (TT) Terry Turney, (WL) Will Larson, (WM) Warren Miller, (WN) Werner Neumueller, (ZS) Zdzisław Siwicki & Elżbieta Leciej.

Members requesting more than 20 species are encouraged to donate one species for every three requested, not counting those from donor BA. Donated species should be new to the list or species in need of replenishing.

Changes in availability since last month's list	New	(721) Alsophila woollsiana (KS) (1845) Pyrrosia longifolia (PC)
	Refreshed supply	
	No longer available or no longer viable	Adiantum reniforme Blechnum procerum Dryopteris affinis 'Pinderi' Dryopteris expansa crisped Dryopteris glabra var. glabra Platycterium hillii 'Bahia' unknown sp. 2 Australia

Order Num	Genus species variant	Most recent pkts / yr - donor	mo	Packet count rcnt (tot)	Fr SZ	USDA Zone	Notes	Viability Test sown date, result
4	Actiniopteris semiflabellata	pic 8 / 2021 - MO		6 (6)	S	9--		4/19/2023 ++
5	Adiantopsis radiata	pic 6 / 2023 - MH		1 (1)	M	--	Wild collected: Iguazú Falls, Argentina.	11/4/2023 ++
7	Adiantum aleuticum	8 / 2021 - MS		41 (77)	SM	4--8	Wild collected: Alaska, 57° N latitude.	5/10/2022 ++
12	Adiantum aleuticum subpulum	pic 8 / 2022 - BA		4 (11)	S	6--8		1/11/2024 ++
2241	Adiantum atroviride	8 / 2021 - KK		5 (5)	M	9--	Syn: A. aethiopicum f. variegatum	3/12/2022 +
20	Adiantum caudatum	10 / 2021 - KK		8 (8)	S	9--		2/23/2024 +
25	Adiantum diaphanum	9 / 2021 - BA		7 (7)	S	8--		5/22/2023 ++
32	Adiantum hispidulum	2018 - CF		11 (11)	SM	9--11		12/5/2023 ++
34	Adiantum macrophyllum	pic 12 / 2021 - KK		8 (8)	M	11--		6/20/2023 +
44	Adiantum peruvianum	4 / 2022 - DY		4 (13)	ML	10--		4/19/2023 ++
47	Adiantum polyphyllum	pic 12 / 2021 - KK		11 (11)	L	11--		1/24/2024 +
2230	Adiantum pubescens Bronze Venus	pic 8 / 2021 - KK		7 (7)	SM	9--11	Syn: A. hispidulum 'Bronze Venus'	12/4/2021 ++
2251	Adiantum raddianum Blue Fritz Luth	pic 12 / 2021 - KK		10 (10)	SM	9--		12/20/2021 ++
58	Adiantum raddianum Crested Majus	2017 - KK		4 (4)	SM	9--		6/7/2022 ++
2231	Adiantum raddianum cultivar 1	pic 8 / 2021 - BA		11 (11)	SM	9--		3/26/2023 ++
2233	Adiantum raddianum Fragrans	pic 9 / 2021 - KK		18 (18)	SM	9--		2/28/2024 ++
61	Adiantum raddianum Fragrantissimum	2017 - CF		15 (15)	SM	9--		6/20/2023 ++
62	Adiantum raddianum Fritz Luth	pic 12 / 2021 - KK		8 (8)	SM	9--		1/15/2022 ++
2250	Adiantum raddianum Lisa	pic 12 / 2021 - KK		6 (6)	SM	9--		12/20/2021 ++
2154	Adiantum raddianum Margareta	pic 11 / 2018 - LF		5 (5)	SM	9--		3/23/2022 +
73	Adiantum raddianum Microphyllum	pic 10 / 2021 - KK		3 (3)	SM	9--	Syn: Adiantum microphyllum	3/12/2022 ++
77	Adiantum raddianum Pacific Maid	pic 11 / 2018 - LF		72 (72)	SM	9--		12/27/2023 ++
2240	Adiantum raddianum Red Venus	pic 10 / 2021 - KK		10 (10)	SM	9--		12/12/2023 +
2242	Adiantum raddianum Ritzy Venus	pic 10 / 2021 - KK		14 (14)	SM	9--		12/4/2021 ++
87	Adiantum silvaticum	5 / 2021 - KK		8 (8)	M	10--		6/20/2023 +
100	Adiantum tenerum Scutum Roseum	pic 11 / 2018 - LF		15 (15)	SM	10--		3/26/2023 +
104	Adiantum trapeziforme	pic 8 / 2023 - WM		4 (4)	ML	11--		10/8/2023 ++
2258	Adiantum tricholepis	2017 - CF		1 (1)	SM	8--10	Small quantity per packet.	1/24/2024 ++
106	Adiantum venustum	9 / 2022 - AV		1 (22)	S	5--8		11/4/2022 ++

2115	<i>Aglaomorpha brooksii</i>	5 / 2023 - CJS	6 (6)	M	12?--	From Flora Köln Botanical Garden.	12/23/2023	+
108	<i>Aglaomorpha cornucopia</i>	5 / 2023 - CJS	13 (13)	M	--	From Flora Köln Botanical Garden.	12/23/2023	++
2247	<i>Aleuritopteris albomarginata</i>	6 / 2021 - AV	5 (5)	S	9--		2/2/2022	++
646	<i>Alsophila australis</i>	9 / 2022 - DY	11 (11)	VL	9--	Syn: <i>Cyathea australis</i>	3/21/2023	++
670	<i>Alsophila dregei</i>	11 / 2023 - DY	5 (5)	VL	9--	Syn: <i>Cyathea dregei</i>	1/3/2024	++
2292	<i>Alsophila firma</i>	5 / 2023 - DY	6 (6)	VL	*--	Syn: <i>Cyathea mexicana</i> , * Confirmed to 32°F.	9/30/2023	++
706	<i>Alsophila smithii</i>	11 / 2023 - FS	7 (7)	VL	9--10	Syn: <i>Cyathea smithii</i>	2/7/2024	+
2166	<i>Alsophila stelligera</i>	9 / 2023 - DY	6 (6)	VL	--	Possibly a stout form of <i>A. cunninghamii</i>	1/2/2024	+
667	<i>Alsophila tricolor</i>	pic 11 / 2023 - JR	48 (48)	VL	9--11	Syn: <i>Cyathea dealbata</i>	1/1/2024	++
721	<i>Alsophila woollisiana</i>	2 / 2023 - KS	27 (27)	VL	10--	Syn: <i>Cyathea woollisiana</i>	3/8/2024	P
2299	<i>Anemia dregeana?</i>	pic 8 / 2023 - WM	8 (8)	SM	10--		10/5/2023	++
127	<i>Anemia mexicana</i>	2017 - CF	13 (13)	M	10--		10/18/2023	++
128	<i>Anemia phyllitidis</i>	6 / 2022 - AV	7 (55)	SM	9--		10/18/2023	++
129	<i>Anemia phyllitidis large form</i>	pic 8 / 2014 - BA	3 (18)	M	9--		3/23/2022	++
131	<i>Anemia tomentosa</i>	6 / 2021 - AV	5 (8)	SM	8--9		10/18/2023	++
136	<i>Anogramma chaerophylla</i>	pic 4 / 2021 - SM	9 (9)	S	11--		2/2/2022	++
137	<i>Anogramma leptophylla</i>	pic 5 / 2020 - MAV	4 (4)	S	9--11		12/5/2023	++
142	<i>Arachniodes davalliaeformis</i>	2018 - CF	11 (40)	S	7--10		1/19/2023	+
151	<i>Arachniodes simplicior variegata</i>	pic 8 / 2022 - BA	18 (18)	M	7--		9/1/2022	++
2100	<i>Araiostegia perdurans</i>	pic 7 / 2022 - BA	6 (6)	SM	8b--		8/15/2023	++
2254	<i>Arthropteris altescandens</i>	7 / 2021 - DY	5 (5)	S	10--		9/10/2023	++
159	<i>Arthropteris orientalis</i>	8 / 2013 - MK	11 (11)	SM	8--		3/23/2022	++
165	<i>Asplenium adiantum-nigrum</i>	7 / 2022 - CJS	8 (66)	SM	7--9	Wild collected in Eifel forest, Germany.	3/21/2023	++
550	<i>Asplenium ceterach</i>	2023 - PP	8 (8)	S	5--8	Syn: <i>Ceterach officinarum</i> .	11/24/2023	++
204	<i>Asplenium ebenoides</i>	7 / 2020 - BA	2 (2)	S	5--	Syn: <i>Asplenosorus tutwilerae</i>	4/3/2023	++
208	<i>Asplenium flabellifolium</i>	pic 7 / 2022 - BA	16 (32)	S	9--	Zone 8 with protection.	6/20/2023	++
212	<i>Asplenium fontanum</i>	pic 9 / 2022 - KD	4 (4)	S	5--8		3/26/2023	++
2170	<i>Asplenium hypomelas</i>	5 / 2020 - DY	1 (11)	ML	--		3/23/2022	++
225	<i>Asplenium incisum</i>	pic 3 / 2023 - PP	12 (12)	S	*--	* Survived 16°F. Origin: Yantai China.	7/2/2023	++
229	<i>Asplenium juglandifolium</i>	pic 8 / 2023 - BA	12 (12)	M	12?--		9/25/2023	++
261	<i>Asplenium oblongifolium</i>	5 / 2023 - DY	6 (14)	ML	9--	Syn: <i>Asplenium lucidum</i>	9/30/2023	++
264	<i>Asplenium oboense</i>	pic 7 / 2022 - BA	1 (4)	M	12?--	Origin: Puerto Rico.	12/7/2022	+
2190	<i>Asplenium oligophlebium</i>	7 / 2021 - DY	1 (1)	S	11--	Small quantity per packet.	1/15/2022	+
270	<i>Asplenium platyneuron</i>	pic 7 / 2023 - PP	38 (38)	SM	4--8		12/23/2023	++
2285	<i>Asplenium quangbinhense?</i>	pic 3 / 2023 - PP	15 (15)	S	--	Origin: Vietnam	7/2/2023	++
287	<i>Asplenium ruta-muraria</i>	pic 3 / 2020 - LE	8 (8)	S	4--8	Origin: Czech Republic	2/7/2024	+?
290	<i>Asplenium rutifolium</i>	7 / 2021 - DY	5 (5)	M	11--		3/12/2022	+
2239	<i>Asplenium scolopendrium americanum</i>	10 / 2021 - JB	1 (1)	SM	--	Originally collected in Nuevo Leon Mexico.	2/13/2024	+
1467	<i>Asplenium scolopendrium Angustifolium</i>	pic 7 / 2018 - ZS	8 (8)	SM	4--10		3/26/2023	++
2089	<i>Asplenium scolopendrium Laceratum 2</i>	pic 8 / 2021 - BA	13 (22)	S	4?--		12/19/2023	++
1487	<i>Asplenium scolopendrium Muricatum</i>	pic 6 / 2021 - SM2	4 (4)	SM	4?--	Variable when grown from spores.	3/23/2022	++
2136	<i>Asplenium scolopendrium Peraferens</i>	pic 6 / 2021 - SM2	4 (4)	S	4?--		3/26/2023	++
2137	<i>Asplenium scolopendrium Sagittata group</i>	pic 6 / 2021 - SM2	2 (6)	SM	4?--		3/26/2023	++
1490	<i>Asplenium scolopendrium Sagittato-cristatu</i>	7 / 2023 - RPH	14 (14)	S	4?--		10/4/2023	++
1463	<i>Asplenium scolopendrium scolopendrium</i>	pic 8 / 2021 - BA	17 (68)	M	4--9	Previously listed as <i>A. scolopendrium</i> .	3/24/2022	++
2189	<i>Asplenium scortechinii</i>	11 / 2020 - DY	6 (6)	M	11?--13		3/24/2022	+
301	<i>Asplenium sp. 1</i>	pic 12 / 2022 - BA	6 (6)	S	--	Possibly <i>A. flaccidum</i> .	12/7/2022	+?
2284	<i>Asplenium sp. 3 Japan</i>	pic 3 / 2023 - PP	49 (49)	S	--	Wild origin: Shirabiso Pass SW of Tokyo.	6/7/2023	++
2302	<i>Asplenium sp. 4 Argentina</i>	pic 6 / 2023 - MH	3 (3)	S	--	Wild collected: Iguazú Falls, Argentina.	11/4/2023	+
302	<i>Asplenium sphenotomum</i>	pic 4 / 2020 - BA	6 (7)	M	11--		3/24/2022	++
306	<i>Asplenium thunbergii</i>	9 / 2023 - DY	18 (18)	M	--	Syn: <i>Asplenium belangeri</i>	1/2/2024	+
307	<i>Asplenium trichomanes</i>	pic 7 / 2020 - BA	7 (19)	S	3--9		6/20/2023	++
2027	<i>Asplenium trichomanes Ramo-cristatum</i>	pic 7 / 2020 - BA	7 (7)	VS	3--9		3/24/2023	++
337	<i>Athyrium angustum Lady In Red</i>	8 / 2022 - BA	14 (44)	M	4--	Syn: <i>A. filix-femina</i> 'Lady In Red'	8/12/2022	++
2192	<i>Athyrium distentifolium</i>	pic 7 / 2019 - ZS	34 (34)	M	2--		1/27/2024	++
349	<i>Athyrium filix-femina</i>	6 / 2021 - AV	4 (4)	M	4--8	Origin: Turkey	5/22/2023	++
2232	<i>Athyrium filix-femina var. californicum</i>	pic 9 / 2021 - JB	36 (36)	ML	7--10		5/23/2023	++
343	<i>Athyrium filix-femina var. cyclosorum</i>	8 / 2019 - MS	35 (97)	ML	5--8	Wild collected: Alaska, 57° N latitude.	1/19/2022	++
367	<i>Athyrium filix-femina Frizelliae</i>	pic 8 / 2019 - BA	15 (36)	S	4--8		4/3/2023	++
391	<i>Athyrium filix-femina Victoriae</i>	pic 8 / 2023 - BA	3 (7)	M	4--8		9/25/2023	++
2287	<i>Athyrium niponicum large form</i>	pic 6 / 2023 - PP	9 (9)	M	4--9	Wild: Japan, 35.8° N. Red fronds to 90 cm.	7/10/2023	++
408	<i>Athyrium niponicum Pictum</i>	10 / 2021 - CJS	8 (24)	M	4--		4/12/2023	++
2186	<i>Athyrium niponicum Wildwood Twist</i>	9 / 2020 - MM	1 (1)	M	4--9		4/12/2023	+?
416	<i>Athyrium otophorum</i>	9 / 2021 - PP	29 (29)	M	6--9		5/18/2023	++
2185	<i>Athyrium sp. 2 cultivar</i>	pic 9 / 2020 - MM	12 (12)	--	--		9/10/2023	+
2280	<i>Athyrium sp. 3 Japan</i>	9 / 2021 - PP	4 (4)	S	--	Wild: Japan, 35.8° N. Fronds 12 x 5 cm.	3/25/2023	++
434	<i>Blechnum appendiculatum</i>	9 / 2022 - AV	6 (6)	SM	8--		6/14/2023	+?
439	<i>Blechnum auriculatum</i>	6 / 2021 - AV	5 (5)	SM	8--9		6/14/2023	++
440	<i>Blechnum australe</i>	pic 7 / 2023 - BA	15 (95)	SM	8--9		8/7/2023	++
451	<i>Blechnum chilense</i>	7 / 2021 - DY	37 (48)	M	7--9		6/14/2023	+?
454	<i>Blechnum cycadifolium</i>	2 / 2023 - RB2	3 (3)	ML	10--	Syn: <i>Lomariocycas cycadifolia</i>	1/20/2024	+
2268	<i>Blechnum hastatum?</i>	10 / 2022 - OD	19 (19)	--	--		3/21/2023	++
2132	<i>Blechnum microphyllum</i>	pic 7 / 2020 - BA	23 (23)	VS	8--	Syn: <i>B. penna-marina</i> ssp. <i>microphyllum</i>	6/14/2023	++
476	<i>Blechnum occidentale</i>	11 / 2020 - DJ	5 (5)	M	9--		6/14/2023	+
479	<i>Blechnum patersonii</i>	6 / 2023 - DY	5 (5)	SM	9--	Syn: <i>Austroblechnum patersonii</i>	9/30/2023	++
480	<i>Blechnum penna-marina</i>	pic 9 / 2023 - BA	18 (55)	S	6--8		9/25/2023	++
2269	<i>Blechnum sp. 3</i>	pic 10 / 2022 - OD	12 (12)	--	--		3/21/2023	++
490	<i>Blechnum spicant</i>	9 / 2021 - CJS	4 (4)	M	5--8	Syn: <i>Struthiopteris spicant</i>	6/14/2023	++
499	<i>Blechnum tabulare</i>	4 / 2023 - DY	13 (13)	ML	9--11	Syn: <i>Lomariocycas tabulare</i> * to 23°F	2/13/2024	+
505	<i>Blechnum wurunuran</i>	9 / 2023 - FS	6 (6)	M	--		1/24/2024	++
518	<i>Botrychium dissectum</i>	pic 11 / 2023 - SG	40 (40)	S	4--8	Wild collected in Cabot Arkansas.		
526	<i>Botrychium virginianum</i>	pic 5 / 2022 - RB3	4 (4)	SM	3--9	Special culture required.		

527	<i>Calochlaena dubia</i>		10 / 2022 - KB	5 (5)	M	9--	Small quantity per packet.	3/21/2023	++
2127	<i>Campyloneurum amphostenon</i>		10 / 2022 - DY	7 (25)	M	--		11/17/2022	++
531	<i>Campyloneurum angustifolium</i>	pic	5 / 2022 - BA	3 (3)	M	9--		6/20/2023	++
2294	<i>Campyloneurum angustifolium?</i>	pic	8 / 2023 - WM	4 (4)		--		10/9/2023	++
537	<i>Campyloneurum phyllitidis</i>	pic	10 / 2023 - DY	8 (15)	M	9--		1/2/2024	++
2314	<i>Campyloneurum phyllitidis</i>	pic	6 / 2023 - MH	4 (4)	M	9--	Wild collected: Iguazú Falls, Argentina.	11/4/2023	++
2076	<i>Campyloneurum</i> sp. 1 Brazil	pic	6 / 2023 - BA	7 (9)	S	10--	Originally coll. in South Region, Brazil.	7/12/2023	++
556	<i>Cheilanthes argentea</i>	pic	9 / 2021 - BA	5 (60)	S	5--8	Syn: <i>Aleuritopteris argentea</i>	6/20/2023	++
564	<i>Cheilanthes distans</i>	pic	7 / 2018 - BA	10 (13)	S	8--10		3/26/2022	+
565	<i>Cheilanthes eatonii</i>	pic	4 / 2020 - BA	8 (17)	S	7--10		12/12/2023	++
567	<i>Cheilanthes eckloniana</i>		2017 - CF	17 (17)	S	8--	Syn: <i>Hemionitis eckloniana</i>	2/1/2024	+
1937	<i>Christella dentata</i>		8 / 2019 - MG	10 (10)	M	8--	Syn: <i>Thelypteris dentata</i>	1/13/2023	++
614	<i>Cibotium regale</i>		7 / 2021 - DY	4 (4)	VL	--		6/20/2023	++
615	<i>Cibotium schiedei</i>		11 / 2023 - JR	16 (16)	VL	10--		1/1/2024	++
2112	<i>Coniogramme emeiensis</i>		9 / 2023 - CJS	3 (3)	M	8--10		12/23/2023	+
2271	<i>Coniogramme fraxinea</i>		8 / 2022 - RB2	12 (12)	L	9--		3/21/2023	++
2272	<i>Coniogramme procera</i>		8 / 2022 - RB2	16 (16)	L	9--		3/21/2023	++
622	<i>Coniogramme</i> sp. 1 Chengdu China	pic	7 / 2023 - PP	16 (34)	L	*--	* Survived 25°F.	12/21/2023	++
2249	<i>Cosentinia vellea</i> ssp. <i>vellea</i>		6 / 2021 - AV	2 (2)	S	8--	Syn: <i>Notholaena lanuginosa</i> ssp. <i>lanuginosa</i>	4/18/2023	++
2289	<i>Cyathea</i> sp. 11	pic	8 / 2022 - WM	17 (17)	VL	9--		7/25/2023	++
2229	<i>Cyathea</i> sp. 12	pic	7 / 2021 - JR	93 (93)	VL	12?--	Was listed as " <i>Cyathea lunulata</i> ?"	3/22/2023	+?
2273	<i>Cyclosorus articulatus</i>		8 / 2022 - RB2	11 (11)	ML	9--	Syn: <i>Pronephrum articulatum</i>	3/21/2023	++
726	<i>Cyrtomium caryotideum</i>	pic	7 / 2020 - BA	14 (45)	M	6--10		3/26/2022	+
729	<i>Cyrtomium devexiscapulae</i>		6 / 2021 - AV	2 (13)		8b--		3/26/2023	++
730	<i>Cyrtomium falcatum</i>		2 / 2023 - CHP	4 (64)	M	7--10		3/3/2023	++
737	<i>Cyrtomium fortunei</i>	pic	7 / 2023 - BA	15 (65)	M	6--10		8/7/2023	++
739	<i>Cyrtomium fortunei</i> <i>clivicola</i>		5 / 2022 - AV	3 (3)	SM	6--10		3/21/2023	+?
743	<i>Cyrtomium lonchitoides</i>	pic	7 / 2023 - PP	4 (4)	SM	6--9		12/23/2023	++
744	<i>Cyrtomium macrophyllum</i>	pic	7 / 2022 - BA	26 (26)	SM	6--10		8/4/2022	++
745	<i>Cyrtomium</i> sp. 1 Chengdu China	pic	7 / 2022 - BA	26 (26)	M	*--	* Survived 12°F.	8/4/2022	++
2281	<i>Cyrtomium</i> sp. 4 dwarf		9 / 2021 - PP	7 (7)		--	Garden origin	5/18/2023	++
2298	<i>Cyrtomium</i> sp. 5	pic	8 / 2023 - WM	11 (11)		--		10/9/2023	++
749	<i>Cystopteris bulbifera</i>		7 / 2023 - JC	26 (26)	M	3--8		7/24/2023	++
750	<i>Cystopteris dickieana</i>	pic	6 / 2019 - AV	3 (3)	S	5--	<i>Cystopteris fragilis</i> ssp. <i>dickieana</i>	4/3/2023	++
2199	<i>Cystopteris tenuis</i>	pic	7 / 2019 - ZS	6 (6)	SM	4--8	<i>Cystopteris fragilis</i> var. <i>mackayi</i>	5/23/2023	++
768	<i>Davallia divaricata</i>	pic	6 / 2023 - BA	9 (9)	ML	12?--	Syn: <i>Araiostegia divaricata</i>	7/12/2023	+
775	<i>Davallia heterophylla</i>	pic	6 / 2023 - BA	1 (1)	S	11?--	Syn: <i>Humata heterophylla</i>	7/12/2023	++
779	<i>Davallia pentaphylla</i>	pic	8 / 2023 - WM	7 (7)	SM	11--	Syn: <i>Scyphularia pentaphylla</i>	10/5/2023	++
1254	<i>Dendrolycopodium dendroideum</i>		9 / 2019 - JK	14 (20)	S	2--6	Syn: <i>Lycopodium</i> d. Special culture req'd.		
805	<i>Deparia acrostichoides</i>		8 / 2014 - JK	21 (21)	ML	3--8	Syn: <i>Athyrium thelypteroides</i> , <i>Diplazium</i> a.	8/3/2023	+
809	<i>Deparia petersenii</i>		7 / 2022 - AV	3 (3)	M	6--9	Syn: <i>Athyrium petersenii</i>	11/4/2022	+
2188	<i>Dicksonia berteriana</i>		10 / 2022 - DY	14 (62)	L	9--	Alt spelling: <i>D. berteriana</i>	1/20/2024	++
813	<i>Dicksonia blumei</i>		10 / 2023 - DY	15 (21)	L	10--		1/3/2024	++
814	<i>Dicksonia fibrosa</i>		10 / 2022 - DY	16 (16)	VL	9--10		4/12/2023	+?
2010	<i>Diphasiastrum digitatum</i>		9 / 2019 - JK	15 (28)	SM	3--6	Wild coll. in WV. Special culture req'd.		
1261	<i>Diphasiastrum tristachyum</i>		9 / 2016 - JK	3 (3)	SM	3--	Syn: <i>Lycopodium</i> t. Special culture req'd.		
852	<i>Diplazium pycnocarpon</i>		9 / 2022 - RC	18 (26)	ML	4--9	Syn: <i>Homalosorus pycnocarpus</i>	5/18/2023	++
879	<i>Doodia media</i>		12 / 2020 - FS	5 (5)	S	8--11	Syn: <i>Blechnum medium</i>	3/2/2021	++
2120	<i>Doodia</i> sp. 1		8 / 2017 - BA	4 (4)	SM	--		3/26/2022	+
884	<i>Doryopteris concolor</i>		6 / 2023 - MH	3 (3)	S	9--	Wild collected: Iguazú Falls, Argentina.	3/8/2024	P
886	<i>Doryopteris nobilis</i>		6 / 2023 - MH	2 (2)	SM	--	Wild collected: Iguazú Falls, Argentina.	11/5/2023	++
2087	<i>Doryopteris pentagona</i>	pic	7 / 2022 - BA	2 (14)	S	10--	Was <i>D.</i> sp. 1 Porto Alegre, then <i>D. triphylla</i> .	8/29/2022	++
2305	<i>Doryopteris pentagona</i>		6 / 2023 - MH	2 (2)	S	10--	Wild collected: Iguazú Falls, Argentina.	11/5/2023	+
2306	<i>Doryopteris triphylla</i>		12 / 2022 - MH	3 (3)	VS	--	Wild collected: Punta del Este, Uruguay.	11/5/2023	++
892	<i>Drynaria fortunei</i>	pic	12 / 2023 - BA	9 (54)	SM	9--		12/27/2023	++
893	<i>Drynaria propinqua</i>		6 / 2022 - DJ	10 (10)	SM	--	Mother plant from Tim Pyner's collection.	6/20/2023	++
895	<i>Drynaria rigidula</i>		7 / 2022 - BA	5 (14)	L	11?--		6/20/2023	++
896	<i>Drynaria sparsisora</i>		5 / 2023 - BA	9 (9)	L	11?--		6/12/2023	+
899	<i>Dryopteris aemula</i>	pic	7 / 2020 - BA	6 (51)	SM	6--9		3/26/2022	+?
900	<i>Dryopteris affinis</i>	pic	7 / 2023 - BA	19 (87)	L	4--8	Syn: <i>Dryopteris abbreviata</i> , <i>D. pseudomas</i>	8/7/2023	++
917	<i>Dryopteris affinis</i> <i>Cristata</i>	pic	10 / 2020 - MM	5 (5)	M	4--		3/26/2022	++
2026	<i>Dryopteris affinis</i> <i>Cristata</i> The King		7 / 2013 - GR	6 (6)	M	4--	Syn: <i>Dryopteris cristata</i> 'The King'	3/26/2022	+
2274	<i>Dryopteris apiciflora</i>		10 / 2019 - RB2	10 (10)	ML	7--	Syn: <i>Dryopsis apiciflora</i> Wild collected.	3/21/2023	++
939	<i>Dryopteris ardechensis</i>		7 / 2020 - MG	14 (14)	M	8--		5/22/2023	++
940	<i>Dryopteris arguta</i>	pic	9 / 2021 - JB	38 (54)	M	8--9	Wild collected in Hayward CA.	3/26/2022	++
948	<i>Dryopteris blanfordii</i>	pic	7 / 2018 - ZS	19 (19)	M	7--		1/29/2024	++
906	<i>Dryopteris borrieri</i>		7 / 2022 - MG	1 (56)	L	4--8	Syn: <i>D. affinis</i> ssp. <i>borrieri</i> .	12/1/2022	++
950	<i>Dryopteris cambrensis</i>		7 / 2020 - LE	100 (100)	M	6--	Wild collected: Czech Republic	3/26/2022	++
2225	<i>Dryopteris cambrensis</i> <i>Crispa</i>	pic	7 / 2019 - ZS	30 (30)	M	6--		3/26/2022	+
2119	<i>Dryopteris cambrensis</i> <i>Crispa</i> Barnes		8 / 2021 - BA	3 (10)	M	6--	Syn: <i>Dryopteris affinis</i> <i>Crispa</i> Barnes	1/19/2022	++
2201	<i>Dryopteris cambrensis</i> ssp. <i>distans</i>		7 / 2019 - ZS	6 (6)	M	6--		3/12/2022	++
2168	<i>Dryopteris cambrensis?</i>	pic	8 / 2019 - MS	50 (50)	M	*--	* Grown in zone 7 garden.	3/26/2022	++
951	<i>Dryopteris campyloptera</i>		7 / 2014 - JK	37 (37)	M	4--7	Syn: <i>D. spinulosa</i> var. <i>americana</i>	8/3/2023	+?
955	<i>Dryopteris caucasica</i>		7 / 2020 - LE	16 (32)	ML	5--8	Wild collected: Armenia	5/22/2023	++
956	<i>Dryopteris celsa</i>		6 / 2022 - RC	33 (33)	ML	5--9	<i>D. goldiana</i> x <i>D. ludoviciana</i>	7/14/2022	++
959	<i>Dryopteris clintoniana</i>	pic	6 / 2023 - PP	20 (53)	ML	3--8	<i>D. goldiana</i> x <i>D. cristata</i>	7/6/2023	++
963	<i>Dryopteris x complexa</i>	pic	7 / 2023 - PP	30 (37)	ML	4--8	<i>D. affinis</i> x <i>D. filix-mas</i>	12/23/2023	++
2288	<i>Dryopteris coreano-montana</i>		6 / 2023 - PP	29 (29)	ML	5--8		7/10/2023	++
968	<i>Dryopteris crassirhizoma</i>	pic	7 / 2018 - ZS	6 (6)	L	4--8	Syn: <i>Dryopteris buschiana</i>	3/12/2022	+
972	<i>Dryopteris cristata</i>	pic	7 / 2023 - PP	23 (53)	M	3--8		12/23/2023	+
973	<i>Dryopteris cycadina</i>		6 / 2023 - PP	30 (30)	M	5--8		7/10/2023	++
976	<i>Dryopteris dickinsii</i>	pic	7 / 2022 - BA	10 (10)	M	6--8		8/31/2022	++

978	<i>Dryopteris dilatata</i>		7 / 2020 - LE	8 (27)	ML	4--8	Wild collected: Czech Republic	3/26/2022	+
985	<i>Dryopteris dilatata Recurvata</i>	pic	7 / 2022 - BA	2 (24)	M	4--8	Syn: <i>D. dilatata</i> 'Recurved Form'	8/4/2022	++
989	<i>Dryopteris erythrosora</i>		6 / 2021 - AV	3 (3)	M	6--9		5/10/2022	+
2319	<i>Dryopteris erythrosora Brilliance</i>		8 / 2023 - CJS	2 (2)	M	6--9		12/27/2023	+
2279	<i>Dryopteris erythrosora?</i>		9 / 2021 - PP	99 (99)		--	Wild origin: Japan, 35.8° N latitude	5/18/2023	++
995	<i>Dryopteris filix-mas</i>		7 / 2020 - LE	55 (143)	L	4--8	Wild collected: Czech Republic	5/22/2023	++
996	<i>Dryopteris filix-mas Barnesii</i>		7 / 2022 - MG	1 (51)	L	4--8		11/30/2022	++
2093	<i>Dryopteris filix-mas Cristata Grandiceps</i>	pic	7 / 2023 - BA	8 (8)	M	4--8		8/9/2023	++
1011	<i>Dryopteris filix-mas Fluctuosa Cristata</i>	pic	7 / 2020 - BA	15 (55)	SM	4?--		3/26/2022	++
2122	<i>Dryopteris filix-mas Furcans</i>		7 / 2017 - BH	22 (22)	M	5--8		1/19/2022	++
2194	<i>Dryopteris filix-mas Incisa</i>	pic	7 / 2019 - ZS	15 (15)		--		3/12/2022	++
2147	<i>Dryopteris filix-mas Incisa Cristata Congesta</i>		2017 - BH	4 (4)	ML	4--8		3/26/2022	++
1014	<i>Dryopteris filix-mas Linearis</i>		9 / 2013 - BH	2 (2)	M	5--	Small quantity per packet.	3/28/2022	+
1018	<i>Dryopteris filix-mas Linearis Polydactyla</i>	pic	7 / 2023 - BA	25 (46)	L	4--		8/7/2023	++
1102	<i>Dryopteris fuscipes?</i>	pic	10 / 2020 - BA	14 (55)	M	*--	* Survived 12°F. Was <i>D. sp.3</i> Nanjing China	5/22/2023	++
1042	<i>Dryopteris goldiana</i>		7 / 2022 - BA	6 (6)	ML	3--8		12/19/2023	++
1050	<i>Dryopteris hondoensis</i>	pic	8 / 2022 - BA	20 (20)	M	4--8		8/31/2022	++
1053	<i>Dryopteris intermedia</i>	pic	6 / 2021 - AB	22 (94)	M	3--8	Syn: <i>D. spinulosa</i> var. <i>intermedia</i>	8/3/2023	++
1057	<i>Dryopteris juxtaposita</i>	pic	7 / 2019 - ZS	20 (20)	ML	7--		3/28/2022	++
1059	<i>Dryopteris lacera</i>	pic	6 / 2023 - PP	8 (8)	M	6--8	Wild origin: Japan, 35.8° N latitude	7/10/2023	++
2278	<i>Dryopteris lacera?</i>	pic	9 / 2021 - PP	11 (11)		--	Wild origin: Japan, 35.8° N latitude	5/18/2023	++
2195	<i>Dryopteris magellanica</i>	pic	7 / 2019 - ZS	50 (50)		--	Unknown species. Maybe misnamed.	2/2/2022	++
1064	<i>Dryopteris marginalis</i>	pic	7 / 2020 - BA	9 (84)	M	2--8		12/27/2023	+
1067	<i>Dryopteris mindshelkensis</i>	pic	7 / 2019 - ZS	3 (4)	SM	6--8	<i>Dryopteris submontana</i> , <i>D. villarii</i> ssp <i>submontana</i>	5/22/2023	+?
1070	<i>Dryopteris namegatae</i>		7 / 2019 - ZS	5 (5)	M	7--9	Syn: <i>Dryopteris dickinsii</i> var. <i>namegatae</i>	3/28/2022	+?
1074	<i>Dryopteris oreades</i>		7 / 2020 - LE	20 (20)	M	4--8	Wild collected: Scotland	3/12/2022	++
930	<i>Dryopteris pseudodisjuncta</i>		7 / 2020 - MG	1 (1)	L	5--	Syn: <i>D. affinis pseudodisjuncta</i> . Small qnty.	5/22/2023	+
1085	<i>Dryopteris purpurella</i>	pic	7 / 2023 - BA	20 (44)	M	5--9		8/7/2023	++
1087	<i>Dryopteris ramosa</i>	pic	7 / 2020 - BA	10 (10)	L	6--		5/22/2023	++
1096	<i>Dryopteris sieboldii</i>		9 / 2022 - AV	13 (90)	SM	6--9		11/4/2022	++
1103	<i>Dryopteris</i> sp. 4 Zijin Mtn. China	pic	9 / 2022 - BA	11 (11)	M	*--	* Survived 12°F.	3/21/2023	++
1105	<i>Dryopteris</i> sp. 6 Hangzhou Ch.	pic	11 / 2020 - BA	14 (78)	M	*--	* Survived 12°F.	5/22/2023	++
1106	<i>Dryopteris</i> sp. 7 Zijin Mtn. China	pic	11 / 2020 - BA	9 (121)	M	*--	* Survived 12°F.	5/22/2023	++
1107	<i>Dryopteris</i> sp. 8 Hangzhou China	pic	10 / 2020 - BA	24 (74)	M	*--	* Survived 12°F.	5/22/2023	++
1108	<i>Dryopteris</i> sp. 9 Guilin China	pic	7 / 2020 - BA	9 (29)	M	*--	* Survived 32°F but not 25°F.	5/22/2023	+
2277	<i>Dryopteris</i> sp. 10 Japan	pic	9 / 2021 - PP	57 (57)		--	Wild origin: Japan, 35.8° N latitude	5/18/2023	++
2283	<i>Dryopteris</i> sp. 11 Japan	pic	3 / 2023 - PP	6 (6)	M	--	Wild origin: Shirabiso Pass SW of Tokyo.	6/7/2023	+
2275	<i>Dryopteris splendens</i>		10 / 2022 - RB2	16 (16)	L	11--	Wild collected	3/21/2023	++
1109	<i>Dryopteris stenolepis?</i>	pic	7 / 2022 - BA	4 (4)	L	8--	Maybe <i>D. cycadina</i> .	8/29/2022	++
1110	<i>Dryopteris stewartii</i>	pic	7 / 2022 - BA	25 (25)	ML	5--8		8/31/2022	++
1112	<i>Dryopteris sublacera</i>	pic	7 / 2022 - BA	15 (37)	M	6--8		8/4/2022	++
1104	<i>Dryopteris sublacera?</i> Kunming China	pic	9 / 2020 - BA	10 (50)	M	*--	Was <i>Dryopteris</i> sp. 5. * Survived 12°F.	3/28/2022	+
1113	<i>Dryopteris tokyoensis</i>	pic	6 / 2023 - PP	40 (75)	M	5--8		7/10/2023	++
1120	<i>Dryopteris varia</i>	pic	7 / 2019 - ZS	38 (38)	M	6--9		2/2/2022	++
1122	<i>Dryopteris villarii</i>		7 / 2017 - BH	7 (7)	M	7--		3/28/2022	+?
2202	<i>Dryopteris xanthomelas</i>	pic	8 / 2019 - ZS	9 (9)	M	--	Syn: <i>Dryopteris rosthornii</i>	2/2/2022	+
1128	<i>Elaphoglossum apodum</i>	pic	7 / 2022 - BA	3 (12)	S	12?--		8/30/2022	++
1131	<i>Elaphoglossum crinitum</i>		8 / 2023 - WM	6 (6)	SM	12--		10/9/2023	+
1139	<i>Elaphoglossum metallicum</i>		3 / 2023 - BA	4 (33)	S	10?--		3/19/2023	++
2083	<i>Elaphoglossum</i> sp. 1	pic	11 / 2022 - SM	5 (5)		--		10/13/2023	++
1586	<i>Goniophlebium formosanum</i>		7 / 2023 - BA	12 (12)	SM	8--9	Syn: <i>Polypodiodes formosana</i> , Grub Fern.	7/12/2023	+
1169	<i>Goniophlebium subauriculatum</i>		5 / 2023 - CJS	17 (18)	L	11--	From Flora Köln Botanical Garden.	12/28/2023	+
2183	<i>Gymnocarpium disjunctum</i>		7 / 2020 - MS	70 (70)		4--8	Wild collected: Alaska, 57° N latitude.	12/19/2023	+
1174	<i>Gymnocarpium jessoense</i>	pic	6 / 2023 - BA	3 (13)	S	3--		7/11/2023	++
1407	<i>Gymnopteris vestita</i>		10 / 2022 - RPH	5 (5)	S	8--10	Syn: <i>Paraceterach vestita</i> Small qnty/pkt.	10/4/2023	++
1180	<i>Histiopteris incisa</i>		9 / 2021 - JB	1 (1)	VL	8--		10/18/2023	++
1182	<i>Hypodematium crenatum</i>		9 / 2013 - BA	1 (1)	M	9--		10/18/2023	+
2263	<i>Hypolepis dicksonioides</i>		6 / 2022 - AV	5 (5)	VL	8--11	Very small quantity per packet.	3/21/2023	++
2182	<i>Hypolepis glandulifera</i>		7 / 2020 - WN	5 (5)	L	10--	Small quantity per packet.	3/29/2022	+
2245	<i>Hypolepis punctata Beddomei</i>		6 / 2022 - AV	6 (8)	ML	9--		3/21/2023	++
2246	<i>Hypolepis resistens</i>		6 / 2022 - AV	4 (6)	VL	8--	Syn: <i>Hypolepis glandulifera</i> , Australian origin	11/4/2022	++
1192	<i>Hypolepis rugosula</i>		6 / 2022 - AV	5 (5)	L	8--10	Small quantity per packet.	3/21/2023	+
2265	<i>Lecanopteris celebica</i>		11 / 2023 - CJS	5 (5)		--	From Flora Köln Botanical Garden.	12/27/2023	+
2260	<i>Lecanopteris deparioides</i>		11 / 2023 - CJS	5 (8)		--	From Flora Köln Botanical Garden.	12/31/2023	++
2261	<i>Lecanopteris luzonensis</i>		5 / 2023 - CJS	8 (8)		12?--	From Flora Köln Botanical Garden.	12/31/2023	+?
1215	<i>Lemmaphyllum microphyllum</i>	pic	5 / 2022 - AM	2 (2)	VS	9--		8/3/2023	++
2163	<i>Lepisorus</i> sp. 1 Guangxi China	pic	6 / 2023 - BA	4 (8)	S	--	Probably <i>L. thunbergianus</i> .	7/11/2023	++
1225	<i>Leptochilus wrightii</i>		8 / 2023 - WM	1 (1)	S	8--		10/8/2023	+
1239	<i>Llavea cordifolia</i>		5 / 2022 - DY	4 (24)	M	9--		3/21/2023	++
1245	<i>Lophosoria quadripinnata</i>		3 / 2023 - DY	16 (66)	VL	9--	Origin: Mountains of Vera Cruz Mexico	9/30/2023	++
1251	<i>Lycopodium clavatum</i>		9 / 2019 - JK	14 (38)	M	3--	Wild coll. in WV. Special culture req'd.		
1263	<i>Lygodium japonicum</i>		11 / 2015 - DE2	69 (69)	VL	7--10	Not for south central US, SE US, HI, or PR.	8/14/2023	+
1266	<i>Lygodium palmatum</i>	pic	11 / 2023 - BA	20 (33)	VL	3--10		2/14/2024	++
1268	<i>Lygodium volubile</i>	pic	6 / 2023 - MH	11 (11)	VL	--	Wild collected: Iguazú Falls, Argentina.	11/5/2023	++
2125	<i>Macrothelypteris</i> sp. 1	pic	10 / 2021 - BA	14 (39)	M	--	Not <i>M. torresiana</i> , spore surface is different.	3/29/2022	++
1271	<i>Macrothelypteris torresiana</i>		6 / 2021 - AV	3 (7)	L	8--10	Syn: <i>Thelypteris torresiana</i> , <i>T. uliginosa</i>	2/2/2022	++
1278	<i>Marsilea drummondii</i>		2014 - JK	7 (7)	S	9--	2 sporocarps per packet.	1/30/2024	++
2118	<i>Marsilea vestita</i>		6 / 2017 - RZ	37 (37)	S	3--11	Sporocarps, UMD <i>Marsilea</i> Genome Project	1/30/2024	++
1283	<i>Matteuccia struthiopteris</i>	pic	6 / 2023 - DH	48 (48)	L	2--8	Syn: <i>M. pensylvanica</i> , <i>Pteritis nodulosa</i>	6/8/2023	++
1288	<i>Microgramma lycopodioides</i>	pic	7 / 2023 - BA	4 (11)	S	10--		7/11/2023	++
2307	<i>Microgramma mortoniana</i>	pic	3 / 2023 - MH	3 (3)	SM	--	Wild collected: Buenos Aires, Argentina.	11/6/2023	++
1290	<i>Microgramma percussa</i>	pic	10 / 2023 - BA	1 (5)	S	10--	Small quantity per packet.	10/20/2023	+

1291	Microgramma piloselloides	pic	8 / 2020 - BA	6 (6)	VS	11--		1/17/2024	++
2296	Microgramma squamulosa?	pic	8 / 2023 - WM	5 (5)	S	11?--		10/8/2023	++
1295	Microlepia marginata		10 / 2023 - BA	16 (16)	SM	8--		11/9/2023	++
2282	Microlepia sp. 1 Japan		9 / 2021 - PP	41 (41)		--	Wild origin: Japan, 35.8° N latitude	5/18/2023	++
1298	Microlepia speluncae		2021 - JC	7 (7)	L	10--	Wild collected in Kauai.	1/4/2023	++
1300	Microlepia strigosa	pic	10 / 2022 - WN	3 (3)	M	9--	Very small quantity per packet.	3/21/2023	+?
2220	Microsorium fortunei?	pic	12 / 2020 - FS	15 (15)		--		3/29/2022	++
2226	Microsorium grossum?	pic	4 / 2021 - AB	2 (2)		--		3/29/2022	+
1310	Microsorium lucidum	pic	3 / 2020 - BA	18 (55)	SM	9--	Syn: Phymatosorus cuspidatus	1/15/2022	++
1322	Microsorium punctatum Grandiceps	pic	5 / 2022 - AB	18 (18)	M	10--		5/24/2022	++
1324	Microsorium pustulatum		8 / 2020 - BA	8 (26)	SM	9--	Syn: Microsorium diversifolium	8/14/2023	++
2316	Microsorium superficiale		11 / 2023 - CJS	5 (5)	S	--	Syn: Tricholepidium superficiale, From Köln.	12/23/2023	+?
1332	Microsorium viellardii	pic	8 / 2020 - BA	15 (40)	M	12?--	Syn: Phymatodes viellardii	3/28/2022	++
2244	Mildella fallax		9 / 2022 - AV	5 (6)	S	9--	Syn: Pellaea intramarginalis var. serratifolia	9/10/2023	+?
555	Myriopteris alabamensis		6 / 2021 - AV	1 (1)	SM	7--11	Small quantity per packet.	2/2/2022	++
570	Myriopteris fendleri		9 / 2022 - KD	7 (7)	S	6--10	Syn: Cheilanthes fendleri	3/21/2023	++
584	Myriopteris lanosa		6 / 2022 - AV	2 (6)	S	5--8	Small quantity per packet.	3/21/2023	++
586	Myriopteris lendigera		12 / 2018 - BA	11 (11)	SM	9--11		3/13/2023	++
595	Myriopteris myriophylla		6 / 2021 - AV	2 (2)	S	8--9	Small quantity per packet.	2/2/2022	++
607	Myriopteris wootonii	pic	9 / 2022 - BA	1 (31)	S	8--9	Syn: Cheilanthes wootonii	6/20/2023	++
1306	Neolepisorus fortunei		8 / 2022 - RB2	1 (18)	M	9--11	Syn: Microsorium fortunei, Neocheiropteris f.	3/4/2023	++
2107	Neolepisorus ovatus deltoidea	pic	1 / 2022 - BA	21 (21)	M	8--11	Syn: Neocheiropteris ovata var. deltoidea	9/10/2023	++
1342	Nephrolepis cordifolia		5 / 2021 - AB	6 (6)	M	9--11	Nephrolepis auriculata, Nephrolepis tuberosa	12/22/2022	+?
1359	Nephrolepis pendula		10 / 2023 - DY	6 (6)	VL	9--	Small quantity per packet.	1/2/2024	++
1362	Niphidium crassifolium	pic	4 / 2023 - MH	6 (6)	ML	9--	Small quantity per packet.	11/6/2023	++
562	Oeosporangium chusanum		6 / 2021 - AV	3 (4)	S	9--	Syn: Cheilanthes chusana	10/18/2023	+?
1379	Onoclea sensibilis		5 / 2022 - BA	3 (3)	M	2--10		9/23/2023	++
2318	Onoclea sensibilis Skeleton		5 / 2023 - CJS	12 (12)	M	2--10	Syn: Onoclea sensibilis 'Hortus Linearis'	12/23/2023	++
1381	Onychium japonicum	pic	9 / 2021 - PP	48 (48)	M	8--10	Wild: Japan, 35.8° N latitude	5/18/2023	++
1383	Onychium sp. 1 Kunming China	pic	8 / 2021 - BA	6 (63)	L	*--	* Survived 18°F with mulch.	11/13/2023	++
2315	Ophioglossum sp. 1	pic	11 / 2023 - SG	50 (50)		--			
1944	Oreopteris limbosperma		7 / 2020 - LE	4 (4)	ML	5--9	Wild collected: Austrian Alps	3/28/2023	+?
2173	Oreopteris limbosperma Cristata Gracilis	pic	1 / 2020 - LF	32 (32)	M	5--9	Unsure of fern identity.	1/19/2022	+?
1390	Osmunda claytoniana		5 / 2023 - BA	17 (17)	L	2--8	Osmundastrum claytonianum	5/20/2023	++
1392	Osmunda regalis	pic	6 / 2023 - DH	46 (57)	VL	2--10		6/7/2023	++
1400	Osmunda regalis Purpurascens	pic	6 / 2023 - BA	47 (47)	VL	4--10	Spores stored in freezer.	12/9/2023	++
1389	Osmundastrum cinnamomeum	pic	5 / 2023 - BA	13 (13)	L	2--10	Spores stored in freezer.	5/27/2023	++
1411	Pecluma pectinata		9 / 2020 - DY	2 (2)	M	10--11		8/15/2023	++
2300	Pecluma sp. 1	pic	3 / 2023 - WM	11 (11)		--		10/9/2023	++
2321	Pecluma sp. 3 Brazil	pic	10 / 2023 - FS	4 (4)	M	--		2/5/2024	++
1416	Pellaea atropurpurea		7 / 2022 - WL	8 (8)	SM	4--9		3/21/2023	++
2291	Pellaea calomelanos calomelanos		5 / 2022 - RPH	3 (3)	S	10--		10/4/2023	++
1418	Pellaea cordifolia		12 / 2018 - BA	20 (30)	SM	8--11	Syn: Pellaea cordata, P. sagittata v. cordata	8/15/2023	++
1420	Pellaea falcata		6 / 2021 - AV	2 (8)	SM	8--		12/5/2023	++
1429	Pellaea ovata		8 / 2023 - WM	12 (30)	M	8--10		10/9/2023	++
1432	Pellaea rotundifolia		7 / 2022 - BA	14 (41)	S	9--10		12/5/2023	++
2131	Pellaea sp. 1	pic	4 / 2018 - FW	9 (9)	SM	--	Probably P. falcata.	1/29/2024	+
1438	Pellaea viridis		7 / 2021 - DY	19 (75)	SM	10--	Syn: Cheilanthes viridis, Pellaea hastata	3/30/2022	++
1441	Pellaea wrightiana	pic	6 / 2022 - BA	3 (17)	SM	7--9	P. truncata x P. ternifolia	5/22/2023	++
1442	Pentagramma triangularis		9 / 2021 - JB	13 (13)	S	7--	Wild collected in Hayward CA.	4/3/2023	++
1449	Phegopteris connectilis		8 / 2021 - MS	36 (36)	M	2--8	Wild collected: Alaska, 57° N latitude.	8/28/2023	++
2257	Phegopteris connectilis		6 / 2021 - AV	2 (2)	M	2--8	Origin: Spain Small quantity per packet.	5/23/2023	++
1450	Phegopteris decursive-pinnata	pic	9 / 2020 - BA	15 (40)	M	4--10	Syn: Thelypteris decursive-pinnata	8/28/2023	++
1452	Phlebodium aureum	pic	6 / 2022 - BA	6 (6)	L	9--	Syn: Polypodium aureum var. aureum	4/12/2023	++
1455	Phlebodium aureum Ekstrand	pic	8 / 2019 - BA	2 (17)	M	9?--		4/12/2023	+
1457	Phlebodium aureum Mandlerianum	pic	1 / 2020 - LF	5 (5)	L	11--		4/12/2023	++
1459	Phlebodium decumanum	pic	4 / 2023 - MH	2 (2)	L	10--	Small quantity per packet.	11/6/2023	+
1458	Phlebodium pseudoaureum Mexican Tassel	pic	12 / 2023 - BA	6 (6)	M	9?--		12/20/2023	++
1313	Phymatosorus membranifolius	pic	8 / 2023 - BA	7 (27)	M	11?--	Syn: Microsorium membranifolium	9/25/2023	++
1497	Pityrogramma austroamericana	pic	8 / 2019 - BA	6 (20)	SM	9--	Syn: P. calomelanos var. a.	1/28/2024	+
1509	Platynerium andinum		3 / 2023 - CJS	9 (9)	VL	11--	From Flora Köln Botanical Garden.	12/24/2023	++
1511	Platynerium bifurcatum		4 / 2021 - AB	7 (18)	M	10--		2/21/2024	+
1515	Platynerium bifurcatum Gresham		11 / 2010 - HM	19 (39)	M	10?--		2/1/2024	+?
1518	Platynerium bifurcatum Majus		11 / 2010 - HM	8 (8)	M	10?--		2/1/2024	+?
2099	Platynerium 'Bloomei'		6 / 2015 - DE2	20 (20)		10--	Syn: Platynerium hillii Bloomei	2/1/2024	+
2098	Platynerium 'Pumila'		6 / 2015 - DE2	37 (37)		10--	Syn: P. 'Pumilum' or P. hillii Pumilum	3/27/2023	++
1537	Platynerium ridleyi		11 / 2023 - LL	11 (11)	M	13?--		11/10/2023	++
2297	Platynerium sp. 1	pic	8 / 2023 - WM	17 (17)		--		10/9/2023	+?
1544	Platynerium wallichii		3 / 2023 - CJS	15 (15)	M	11?--	From Flora Köln Botanical Garden.	12/24/2023	++
2320	Pleopeltis guttata		11 / 2023 - DY	7 (7)	S	8--		1/2/2024	++
2308	Pleopeltis lepidopteris	pic	12 / 2022 - MH	4 (4)	S	--	Wild collected: Punta del Este, Uruguay.	11/6/2023	++
2309	Pleopeltis minima	pic	6 / 2023 - JH	1 (1)	VS	10?--	Wild collected: Iguazú Falls, Argentina.	11/6/2023	++
1563	Polypodium appalachianum		7 / 2012 - MK	10 (10)	SM	4--	Wild collected, Hocking Forest, OH.	8/3/2023	+?
2108	Polypodium californicum? Once-forked fronds	pic	4 / 2020 - BA	11 (59)	SM	8--	Was "Polypodium sp.1 Forked Fronds".	1/22/2022	++
1568	Polypodium cambricum		11 / 2019 - AV	6 (6)	S	7--9	P. australe, Polypodium vulgare var. cambricu	5/22/2023	++
1570	Polypodium cambricum Cristatum		7 / 2022 - CJS	1 (1)	S	6--	Small quantity per packet.	3/21/2023	+
1589	Polypodium colpodes		7 / 2023 - DY	14 (14)	SM	11--	Syn: Polypodium fuscopetiolatum	1/2/2024	++
1590	Polypodium glycyrrhiza		10 / 2020 - MS	34 (61)	SM	5--8	Wild collected: Alaska, 57° N latitude.	3/30/2022	+
1592	Polypodium hesperium	pic	7 / 2021 - BA	10 (43)	S	4--	P. amorphum x P. glycyrrhiza	4/3/2023	++
2187	Polypodium pellucidum acuminatum	pic	12 / 2020 - BA	7 (7)	SM	9?--		3/30/2022	++
1603	Polypodium pellucidum pellucidum	pic	12 / 2019 - BA	3 (3)	SM	9?--		3/30/2022	+
1615	Polypodium scouleri		12 / 2022 - MS	17 (106)	SM	8--9		1/11/2024	++

1620	<i>Polypodium virginianum</i>	pic	9 / 2022 - BA	13 (13)	S	2--8		12/27/2023	++
1621	<i>Polypodium vulgare</i>		2 / 2020 - MAV	7 (8)	S	5--8		3/30/2022	++
2256	<i>Polypodium vulgare</i>		6 / 2021 - AV	7 (7)	S	5--8	Origin: Africa	5/23/2023	++
1632	<i>Polystichum acrostichoides</i>	pic	6 / 2023 - CD	50 (100)	M	3--9		6/11/2023	++
1638	<i>Polystichum aculeatum</i>		7 / 2023 - CJS	14 (59)	M	4--8		12/25/2023	++
2290	<i>Polystichum aculeatum</i> Portia		7 / 2023 - RPH	6 (6)	S	4--8		10/4/2023	++
1642	<i>Polystichum andersonii</i>	pic	8 / 2021 - MS	99 (264)	ML	6--8	Wild collected: Alaska, 57° N latitude.	5/10/2022	++
1646	<i>Polystichum braunii</i>		7 / 2022 - MG	6 (149)	M	3--8		11/30/2022	++
2197	<i>Polystichum braunii</i> purshii		6 / 2021 - AV	1 (23)	M	--	North American form of <i>P. braunii</i> .	3/30/2022	++
1658	<i>Polystichum imbricans</i> imbricans	pic	8 / 2010 - BA	5 (5)	SM	57--	Collected in S. Oregon at 7000 ft.	1/19/2022	++
1663	<i>Polystichum lonchitis</i>		7 / 2023 - PP	12 (30)	M	3--8		12/23/2023	++
2056	<i>Polystichum luctuosum</i>		3 / 2023 - PP	8 (45)	M	6--8	Fronds gray-green. Syn: <i>P. tsus-simense</i> .	7/6/2023	++
1666	<i>Polystichum makinoi</i>		7 / 2023 - CJS	1 (5)	ML	5--9		12/25/2023	+
1667	<i>Polystichum mayebarae</i>		10 / 2021 - CJS	12 (12)	SM	6--		2/2/2022	++
1669	<i>Polystichum microchlamys</i>	pic	8 / 2022 - BA	14 (14)	M	67--		8/4/2022	++
1671	<i>Polystichum mohrioides</i> Elegans	pic	7 / 2019 - ZS	35 (35)	S	5--8		3/26/2023	+
1672	<i>Polystichum munitum</i>		7 / 2019 - MS	92 (208)	ML	6--9	Wild collected: Alaska, 57° N latitude.	1/16/2022	++
2235	<i>Polystichum munitum</i> robust form	pic	6 / 2021 - SM	26 (26)	L	6--9		3/31/2022	++
1676	<i>Polystichum neobotatum</i>		7 / 2023 - CJS	30 (30)	M	5--8		12/25/2023	++
1687	<i>Polystichum retrosopaleaceum</i>		7 / 2022 - CJS	1 (1)	M	5--8	Small quantity per packet.	3/21/2023	++
1689	<i>Polystichum rigens</i>		2023 - PP	25 (90)	M	6--8		11/24/2023	++
1691	<i>Polystichum setiferum</i>		6 / 2021 - AV	7 (7)	ML	6--8	Syn: <i>Polystichum angulare</i>	8/28/2023	++
1694	<i>Polystichum setiferum</i> Congestum	pic	7 / 2019 - ZS	46 (46)	S	6--8		3/12/2022	++
1704	<i>Polystichum setiferum</i> Dactylis	pic	8 / 2019 - ZS	10 (10)	M	6--		3/26/2023	+
1706	<i>Polystichum setiferum</i> Divisilobum	pic	7 / 2020 - BA	27 (117)	ML	6--		6/5/2023	++
2205	<i>Polystichum setiferum</i> Gabeljurgel	pic	8 / 2019 - ZS	4 (4)	M	6--		3/26/2023	+
1735	<i>Polystichum setigerum</i>	pic	8 / 2021 - MS	60 (80)	M	6--8	Wild collected: Alaska, 57° N latitude.	3/31/2022	++
2286	<i>Polystichum</i> sp. 1	pic	3 / 2023 - PP	11 (11)	S	--	Labeled " <i>P. auriculatum</i> ?" at Vietnam nursery.	7/1/2023	+
1746	<i>Polystichum tsus-simense</i>	pic	7 / 2021 - BA	28 (57)	SM	6--9	Fronds dark-green. Syn: <i>P. luctuosum</i> .	4/18/2023	+
1751	<i>Polystichum xiphophyllum</i>	pic	7 / 2023 - PP	30 (50)	SM	6--8		12/23/2023	++
1754	<i>Pronephrium simplex</i>		11 / 2023 - CJS	2 (2)	SM	10--	From Flora Köln Botanical Garden.	12/23/2023	+
1763	<i>Psilotum nudum</i>		11 / 2022 - SM	3 (3)	SM	8--	Very small quantity per packet.		
2293	<i>Pteridium aquilinum</i> pubescens		8 / 2023 - BA	7 (7)	L	4--		9/25/2023	++
2270	<i>Pteris berteroa</i>		10 / 2022 - DY	7 (7)	L	11--		3/21/2023	++
2276	<i>Pteris blumeana</i>		10 / 2022 - RB2	7 (7)	M	10--	Syn: <i>P. quadriaurita</i> var. <i>blumeana</i> , Wild coll.	3/21/2023	++
1780	<i>Pteris cretica</i>		6 / 2021 - AV	4 (7)	M	8--11		3/30/2022	+
1781	<i>Pteris cretica</i> albolineata	pic	11 / 2018 - BA	10 (18)	M	8--11	Syn: <i>Pteris nipponica</i>	1/11/2024	+
1786	<i>Pteris cretica</i> Mayi	pic	11 / 2018 - LF	15 (15)	SM	87--		3/31/2022	++
1794	<i>Pteris dactylina</i>		8 / 2019 - BH	4 (4)	SM	--		5/23/2023	++
2311	<i>Pteris deflexa</i>		3 / 2023 - MH	4 (4)	L	--	Small quantity per packet.	1/3/2024	+
1796	<i>Pteris ensiformis</i>		2009 - BJH	2 (2)	SM	9--10		1/15/2022	+
1800	<i>Pteris fauriei</i>	pic	11 / 2023 - FS	3 (3)	SM	9--		1/27/2024	+
1801	<i>Pteris friesii?</i>	pic	12 / 2020 - FS	12 (12)	M	--	Syn: <i>Pteris catoptera</i> var. <i>friesii</i>	2/2/2022	++
2061	<i>Pteris hillebrandii</i>	pic	9 / 2021 - BA	28 (49)	M	*--	Syn: <i>P. x hillebrandii</i> . * Survived 12°F.	5/23/2023	++
1810	<i>Pteris multifida</i>		6 / 2021 - AV	2 (22)	SM	6--11	Syn: <i>Pteris serrulata</i>	1/20/2024	++
1811	<i>Pteris pacifica</i>		11 / 2019 - TT	12 (12)	M	9--	Wild collected in Vanuatu.	3/31/2022	+
2008	<i>Pteris scabririgens</i>		11 / 2012 - BH	2 (2)	M	9?--11?	Small quantity per packet.	3/31/2022	+
1820	<i>Pteris semipinnata</i>	pic	12 / 2018 - BA	1 (10)	M	8--		8/15/2023	++
1821	<i>Pteris</i> sp. 1	pic	7 / 2021 - BA	8 (33)	M	--		5/10/2022	++
1799	<i>Pteris terminalis</i>		8 / 2022 - RB2	8 (8)	VL	9--	Syn: <i>Pteris excelsa</i>	3/21/2023	++
1823	<i>Pteris tremula</i>		6 / 2021 - AV	8 (31)	M	8--11		3/30/2022	++
1826	<i>Pteris umbrosa</i>		12 / 2019 - TT	12 (12)	ML	9--	* Zn8 with protection. Wild from Vic, Australia.	8/15/2023	++
1827	<i>Pteris vittata</i>		6 / 2021 - AV	11 (35)	M	9--11		1/15/2022	++
1831	<i>Pteris wallichiana</i>		7 / 2006 - BJH	7 (7)	L	9--10?		12/12/2023	+
1842	<i>Pyrrosia lingua</i>	pic	3 / 2020 - BA	10 (25)	S	8--10	Origin: Guilin, in N Guangxi Province, China	5/23/2023	++
2221	<i>Pyrrosia lingua</i> Futuba Shishi		12 / 2020 - LF	6 (6)	S	--		9/10/2023	++
2219	<i>Pyrrosia lingua</i> Yangsheo		11 / 2020 - FS	2 (2)	S	8--10		3/31/2022	++
1845	<i>Pyrrosia longifolia</i>	pic	1 / 2024 - PC	20 (20)	L	11--		3/6/2024	P
2097	<i>Pyrrosia petiolosa</i>	pic	12 / 2016 - BA	9 (12)	S	87--	* maybe Zn <7. Origin: Shilin, Yunnan China.	1/17/2024	+
1846	<i>Pyrrosia piloselloides</i>	pic	12 / 2023 - BA	3 (8)	VS	11?--	Syn: <i>Drymoglossum piloselloides</i> .	12/20/2023	++
1847	<i>Pyrrosia polydactyla</i>	pic	1 / 2020 - BA	2 (2)	S	8--10		3/26/2023	++
2224	<i>Pyrrosia polydactyla?</i>	pic	12 / 2020 - FS	4 (4)	S	--		3/26/2023	++?
2130	<i>Pyrrosia porosa</i>	pic	7 / 2021 - BA	3 (22)	S	8--11		3/31/2022	+
1851	<i>Pyrrosia shearerii</i>	pic	4 / 2021 - BA	31 (57)	M	8--10		8/15/2023	+
2191	<i>Rumohra adiantiformis</i> africana		11 / 2019 - AV	2 (2)	M	8--10	Small quantity per packet.	2/2/2022	++
1857	<i>Sadleria cyatheoides</i>		11 / 2023 - DY	7 (7)	L	9--		12/12/2023	++
1872	<i>Selliguea feei</i>		10 / 2019 - DY	5 (5)	S	*--13?	* Survived 33°F.	10/20/2023	+
1873	<i>Selliguea hastata</i>	pic	7 / 2022 - BA	2 (41)	SM	8--	Syn: <i>Crypsinus hastatus</i>	5/23/2023	++
2312	<i>Serpocaulon catharinae</i>	pic	12 / 2022 - MH	3 (3)	--	--	Wild collected: Punta del Este, Uruguay.	11/8/2023	++
1876	<i>Serpocaulon dissimile</i>	pic	7 / 2023 - BA	11 (50)	ML	12?--	Syn: <i>Polypodium dissimile</i>	7/11/2023	++
1878	<i>Serpocaulon levigatum</i>		11 / 2018 - DY	4 (4)	S	11--	<i>Polypodium levigatum</i> , <i>P. glaucophyllum</i>	8/15/2023	+
1597	<i>Serpocaulon loriceum</i>	pic	6 / 2022 - BA	5 (10)	M	11--	Syn: <i>Polypodium loriceum</i>	10/18/2023	++
1880	<i>Serpocaulon meniscifolium</i>	pic	8 / 2020 - BA	3 (22)	ML	--	Was <i>S. sp. 1</i> . Origin: Porto Alegre, Brazil	5/23/2023	++
2111	<i>Sphaeropteris cooperi</i> Cinnamon	pic	9 / 2023 - FS	11 (11)	VL	10?--		2/7/2024	++
2222	<i>Sphaeropteris cooperi</i> crisped form	pic	12 / 2020 - FS	10 (10)	VL	10?--		4/12/2023	++
661	<i>Sphaeropteris cooperi</i> Highland Lace		11 / 2022 - JR	48 (68)	VL	10?--		3/22/2023	++
650	<i>Sphaeropteris excelsa</i>		11 / 2022 - JR	70 (150)	VL	10--	Syn: <i>Cyathea brownii</i>	4/12/2023	++
673	<i>Sphaeropteris felina</i>		11 / 2023 - JR	46 (46)	VL	11?--	Syn: <i>Cyathea felina</i>	1/1/2024	++
686	<i>Sphaeropteris lunulata</i>	pic	11 / 2023 - JR	48 (98)	VL	12?--	Syn: <i>Cyathea lunulata</i>	1/1/2024	++
690	<i>Sphaeropteris medullaris</i>		11 / 2023 - DY	20 (65)	VL	10--11	Syn: <i>Cyathea medullaris</i>		
696	<i>Sphaeropteris novae-caledoniae</i>		6 / 2022 - DY	2 (2)	VL	10--	Syn: <i>Cyathea novae-caledoniae</i>	4/12/2023	++
								2/3/2024	

703	Sphaeropteris robusta	2023 - FS	28 (28)	VL	10--	Syn: Cyathea robusta		++
716	Sphaeropteris tomentosissima	10 / 2023 - FS	3 (3)	VL	9--	Probably S. cooperi 'Highland Lace'	2/3/2024	++
1248	Spinulum annotinum	9 / 2019 - JK	14 (24)	S	3--	Syn: Lycopodium a.. Special culture req'd.		
1891	Stenochlaena palustris	7 / 2022 - CJS	2 (2)	L	11?--		3/21/2023	++
2088	Tectaria gaudichaudii	2 / 2020 - BA	2 (8)	L	12--		3/31/2022	+
1921	Tectaria moorei	pic 8 / 2023 - WM	10 (10)		10--	Small quantity per packet.	10/5/2023	++
2133	Tectaria sp. 2	pic 7 / 2018 - BA	22 (22)	M	--		4/19/2023	++
1927	Tectaria zeylanica	pic 8 / 2020 - BA	4 (29)	S	9--	Syn: Quercifilix zeylanica	12/5/2023	++
1166	Thelypteris erubescens	8 / 2022 - RB2	12 (12)	L	9--	Syn: Glaphyopteridopsis erubescens	3/21/2023	++
1943	Thelypteris kunthii	pic 9 / 2022 - BA	19 (19)	ML	8*-10	Syn: Christella normalis * Zone 6 by some.	10/8/2022	++
1949	Thelypteris palustris	9 / 2021 - RC	14 (34)	M	3--9		12/27/2023	++
1957	Thelypteris pennata	pic 9 / 2021 - BA	5 (5)	ML	13--	Syn: Goniopteris pennata	6/7/2022	++
1965	Thelypteris rheophyta?	pic 7 / 2022 - BA	4 (18)	SM	12?--	Syn: Amauropelta rheophyta	4/19/2023	+
2223	Thelypteris? sp. 1	pic 12 / 2020 - FS	12 (12)		--	Spore origin: South Africa	3/12/2022	+
1970	Todea barbara	pic 10 / 2023 - BA	3 (4)	M	9--	Spores stored in freezer.	10/29/2023	++
2236	unknown sp. 3	pic 9 / 2021 - JB	3 (3)		--		2/2/2022	++
1986	Woodsia montevidensis	pic 4 / 2023 - MH	2 (2)	S	--	Wild collected: San Luis, Argentina.	11/8/2023	++
1987	Woodsia obtusa	pic 6 / 2022 - BA	8 (20)	S	3--8		8/3/2023	++
1990	Woodsia polystichoides	pic 7 / 2023 - PP	24 (24)	S	5--8		12/23/2023	++
1993	Woodsia pseudopolystichoides	pic 7 / 2020 - BA	8 (28)	S	4--	Syn: Woodsia ilvensis var. pseudopolystichoides	4/12/2023	++
1996	Woodwardia areolata	pic 1 / 2021 - MM2	82 (82)	M	3--9	Syn: Lorinseria areolata	6/14/2023	++
1997	Woodwardia fimbriata	4 / 2021 - BA	11 (11)	VL	8--10	Syn: Woodwardia chamissoi	6/14/2023	++
2003	Woodwardia unigemmata	10 / 2020 - SM2	21 (21)	ML	8--11		6/14/2023	++

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