

# British Pteridological Society Spore Exchange 2009

## List of spores available 2009 - Cancelling all previous lists.

### Please read carefully before sending in your request.

All correspondence regarding the exchange should be addressed to: A R Busby, 16 Kirby Corner Road, Canley, Coventry CV4 8GD United Kingdom.

E-mail – **Matt4u@btopenworld.com**.

Spores are received in good faith from donors, but cannot be guaranteed true to name, nor are there any assurances about their viability. Names have been checked wherever possible, but there are still irregularities in the naming of cultivars and the use of the 'Group' descriptor may be a helpful way of naming sporelings. Where we have been unable to read, or guess at, a donor's label, we have made our best estimate and added a question-mark. If you can help confirm or correct these please let us know.

Legislation concerning the legality of distributing spores means that we now have to ask prospective donors to our exchange to ensure that the spores they donate are compliant with international law and with their national rules and regulations. We accept spores on the basis that they have been legally acquired and that they can be freely distributed through our exchange with no restrictions as to their use.

**MEMBERS IN THE USA** requesting spores require a '**Small Lots of Seeds**' permit from their government. Information and an application for the permit can be found at:[http://www.aphis.usda.gov/import\\_export/plants/plant\\_imports/smalllots\\_seed.shtml](http://www.aphis.usda.gov/import_export/plants/plant_imports/smalllots_seed.shtml) Click on PPQ Form 587, in the boxes at the bottom of the page, or contact USDA-APHIS-P PQ, Permit Unit, 4700 River Rd, Unit 136, Riverdale, MD20737-1236 Tel: 1-877-770-5990 Fax (301) 734-5786 When you send me your order form, I need a photocopy of the permit, the conditions attached to it, a green and yellow customs label for that permit, and stamps or mailing account number, for the customs to send on the spores to you.

Many items in the list are in very short supply so apply early and give plenty of alternatives where acceptable. Requests will be dealt with in the following order: Overseas donors, home donors, overseas non-donors, home non-donors. We will process requests as quickly as possible, but please allow 6 weeks before enquiring about progress, especially if you applied early. Due to the reorganisation of the Spore Exchange, distribution will begin in the early spring. **PLEASE NOTE: REQUESTS NEED TO ARRIVE BEFORE 31 March 2009.**

**DONATIONS** of fresh spores to replenish stocks are welcome at any time, but, to be included in the **2010** list, they should be with us as soon after harvesting as possible and **before 30 November 2009**. Donors whose spores arrived in time for the 2009 list will get priority treatment during the early rush period and can request up to 10 extra packets but, to be fair, we ask that donors should send in at least 5 different taxa to qualify for the whole of this extra allocation.

Each spore packet is labelled with a three part code number. This number should be noted if there are likely to be any future inquiries. The sequence is: year of donation - unique species/taxon number - donor number. Our thanks to the following donors: P Acock, C Brotherton, Y Cadinouche, J Eek, C Fredemann, A Hill, S Olsen, K Pedersen, B Peters, J Rich, R J Smith, S Sørensen, R Sykes, N Tantayanusorn, R Thiemann, N Timm, K Trewren, D Turner, C Varcoe and D Yansura.

### Osmunda spores

Owing to the short viability of *Osmunda* spores, Matt Busby is willing to supply, on request, fresh spores of *Osmunda regalis*, *O. r.* 'Crispa', *O. r.* 'Cristata', *O.r.* 'Decompositum' and *O. r.* 'Purpurascens'. These ripen at different times during early summer at roughly 3-week intervals. Please send your request together with a stamped, addressed envelope or one international reply coupon (for overseas members) for each species/cultivar ordered to: Mr A R Busby, 16 Kirby Corner Road, Canley, Coventry, CV4 8GD, United Kingdom, before the **31 May 2009**. Each species/cultivar will then be despatched when it is ripe.

|      |   |      |   |
|------|---|------|---|
| 1857 | <i>Actinopteris australis</i>                       | 1429 | <i>Belvisia mucronata</i>                     |
| 5    | <i>Adiantum aleuticum</i>                           | 361  | <i>Blechnum attenuatum</i>                    |
| 32   | <i>Adiantum macrophyllum</i>                        | 1937 | <i>Blechnum aff. attenuatum</i>               |
| 36   | <i>Adiantum peruvianum</i>                          | 2002 | <i>Blechnum buchtienii</i>                    |
| 1648 | <i>Adiantum poiretii</i>                            | 368  | <i>Blechnum chambersii</i>                    |
| 65   | <i>Adiantum reniforme</i>                           | 369  | <i>Blechnum chilense</i>                      |
| 77   | <i>Adiantum venustum</i>                            | 370  | <i>Blechnum colensoi</i>                      |
| 79   | <i>Aglaomorpha coronans</i>                         | 371  | <i>Blechnum discolor</i>                      |
| 2003 | <i>Alsophila polystichoides</i>                     | 372  | <i>Blechnum filiforme</i>                     |
| 104  | <i>Anogramma leptophylla</i>                        | 373  | <i>Blechnum fluviatile</i>                    |
| 107  | <i>Arachniodes aristata</i>                         | 374  | <i>Blechnum fraseri</i>                       |
| 113  | <i>Arachniodes simplicior</i>                       | 375  | <i>Blechnum gibbum</i>                        |
| 116  | <i>Arachniodes webbiana</i>                         | 380  | <i>Blechnum magellanicum</i>                  |
| 1870 | <i>Arthropteris orientalis</i>                      | 1618 | <i>Blechnum microphyllum</i>                  |
| 120  | <i>Asplenium adiantum-nigrum</i>                    | 1685 | <i>Blechnum novae zealandiae</i>              |
| 2005 | <i>Asplenium appendiculatum</i>                     | 384  | <i>Blechnum nudum</i>                         |
| 127  | <i>Asplenium australasicum</i>                      | 388  | <i>Blechnum patersonii</i>                    |
| 144  | <i>Asplenium cuneifolium</i>                        | 389  | <i>Blechnum penna-marina</i>                  |
| 1960 | <i>Asplenium flabellatum</i>                        | 392  | <i>Blechnum procerum</i>                      |
| 150  | <i>Asplenium flabellifolium</i>                     | 1920 | <i>Blechnum punctulatum var punctulatum</i>   |
| 1499 | <i>Asplenium lepidum</i>                            | 404  | <i>Blechnum spicant</i>                       |
| 167  | <i>Asplenium marinum</i>                            | 1764 | <i>Blechnum spicant forked USA</i>            |
| 172  | <i>Asplenium nidus</i>                              | 410  | <i>Blechnum tabulare</i>                      |
| 1975 | <i>Asplenium nidus 'Emperor'</i>                    | 413  | <i>Blechnum wattsii</i>                       |
| 1996 | <i>Asplenium nidus cv Philippine</i>                | 415  | <i>Bolbitis heteroclita</i>                   |
| 1934 | <i>Asplenium nudum</i>                              | 1856 | <i>Bolbitis subcordata</i>                    |
| 177  | <i>Asplenium oblongifolium</i>                      | 1959 | <i>Brainea insignis</i>                       |
| 2006 | <i>Asplenium obtusatum var obtusatum</i>            | 418  | <i>Callipteris prolifera</i>                  |
| 181  | <i>Asplenium onopteris</i>                          | 421  | <i>Ceterach aureum</i>                        |
| 1972 | <i>Asplenium phyllitidis</i>                        | 424  | <i>Cheilanthes alabamensis</i>                |
| 1666 | <i>Asplenium pinnatifidum</i>                       | 425  | <i>Cheilanthes argentea</i>                   |
| 193  | <i>Asplenium scolopendrium</i>                      | 1756 | <i>Cheilanthes bicolor</i>                    |
| 215  | <i>Asplenium scolopendrium 'Marginatum'</i>         | 437  | <i>Cheilanthes cucullans</i>                  |
| 1973 | <i>Asplenium sp. Lehte</i>                          | 438  | <i>Cheilanthes distans</i>                    |
| 1926 | <i>Asplenium stenophyllum</i>                       | 1989 | <i>Cheilanthes hirta var hirta</i>            |
| 1986 | <i>Asplenium trichomanes 'Densum'</i>               | 455  | <i>Cheilanthes jamaicensis</i>                |
| 253  | <i>Asplenium trichomanes ssp. quadrivalens</i>      | 462  | <i>Cheilanthes lindheimeri</i>                |
| 262  | <i>Athyrium distentifolium</i>                      | 1947 | <i>Cheilanthes marantae</i>                   |
| 265  | <i>Athyrium filix-femina</i>                        | 1784 | <i>Cheilanthes mexicana</i>                   |
| 319  | <i>Athyrium filix-femina ssp. angustum</i>          | 467  | <i>Cheilanthes myriophylla</i>                |
| 283  | <i>Athyrium filix-femina 'Cristatum Grandiceps'</i> | 1545 | <i>Cheilanthes nivea</i>                      |
| 320  | <i>Athyrium filix-femina ssp. cyclosum</i>          | 468  | <i>Cheilanthes notholaenoides</i>             |
| 295  | <i>Athyrium filix-femina Frizelliae</i>             | 473  | <i>Cheilanthes pteridioides</i>               |
| 1949 | <i>Athyrium fimbriatum</i>                          | 1817 | <i>Cheilanthes quadripinnata</i>              |
| 1990 | <i>Athyrium fimbriatum</i>                          | 476  | <i>Cheilanthes sieberi</i>                    |
| 341  | <i>Athyrium niponicum var. pictum</i>               | 483  | <i>Cheilanthes stanleyi</i>                   |
| 1878 | <i>Athyrium niponicum "Red Beauty"</i>              | 485  | <i>Cheilanthes tomentosa</i>                  |
| 1980 | <i>Athyrium niponicum 'Silver Falls'</i>            | 486  | <i>Cheilanthes tomentosa (Santa Rita Mts)</i> |
| 344  | <i>Athyrium otophorum</i>                           | 487  | <i>Cheilanthes trichomanoides</i>             |
| 1713 | <i>Athyrium otophorum 'Okanum'</i>                  | 488  | <i>Cheilanthes wootonii</i>                   |
| 355  | <i>Athyrium vidalii</i>                             | 507  | <i>Cryptogramma acrostichoides</i>            |
|      |   | 508  | <i>Cryptogramma crispa</i>                    |
|      |   | 1910 | <i>Culcita conifolia</i>                      |

1420 *Cyathea australis*  
521 *Cyathea brownii*  
1593 *Cyathea colensoi*  
523 *Cyathea cooperi*  
529 *Cyathea cunninghamii*  
530 *Cyathea dealbata*  
1831 *Cyathea incisoserrata*  
1862 *Cyathea milnei*  
2001 *Cyathea poepigii*  
548 *Cyathea smithii*  
566 *Cyclosorus interruptus*  
568 *Cyrtomium caryotideum*  
571 *Cyrtomium falcatum*  
573 *Cyrtomium falcatum* 'Rochfordianum'  
574 *Cyrtomium fortunei*  
576 *Cyrtomium juglandifolium*  
578 *Cyrtomium macrophyllum*  
580 *Cystopteris bulbifera*  
582 *Cystopteris dickieana*  
583 *Cystopteris fragilis*  
1981 *Cystopteris* sp. JM 7/96  
1983 *Cystopteris viridula*  
1998 *Deparia conillii*  
611 *Dicksonia antarctica*  
615 *Dicksonia sellowiana*  
624 *Diplazium australe*  
626 *Diplazium caudatum*  
646 *Doodia media*  
655 *Dryopteris pedata*  
669 *Dryopteris aemula*  
670 *Dryopteris affinis*  
687 *Dryopteris affinis* ssp. *affinis*  
696 *Dryopteris affinis* ssp. *borreri* var. *robusta*  
1952 *Dryopteris affinis* forma *convexa*  
677 *Dryopteris affinis* 'Cristata' (The King)  
1953 *Dryopteris affinis* subsp. *Kerryensis*  
1954 *Dryopteris affinis* subsp. *paleaceolobata*  
1530 *Dryopteris affinis* ssp. *paleaceo-lobata*  
683 *Dryopteris affinis* 'Polydactyla'  
686 *Dryopteris affinis* 'Revolvens'  
705 *Dryopteris aitoniana*  
1991 *Dryopteris x ambrosae*  
1613 *Dryopteris x ambrosiae*  
1853 *Dryopteris aquilinoidea*  
707 *Dryopteris ardechensis*  
708 *Dryopteris arguta*  
712 *Dryopteris azorica*  
714 *Dryopteris blanfordii*  
1958 *Dryopteris borrieri*  
1997 *Dryopteris buschiana*  
1955 *Dryopteris cambrensis*  
1957 *Dryopteris cambrensis* subsp. *pseudocomplexa*  
716 *Dryopteris carthusiana*  
717 *Dryopteris carthusiana* (crested)  
718 *Dryopteris caucasica*  
721 *Dryopteris clintoniana*  
723 *Dryopteris x complexa*  
1992 *Dryopteris x complexa* ssp. *complexa*  
1927 *Dryopteris x complexa critica*  
701 *Dryopteris x complexa* 'Stableri'  
1956 *Dryopteris convoluta* nothosubsp. *occidentalis*  
726 *Dryopteris crassirhizoma*  
728 *Dryopteris cristata*  
1951 *Dryopteris x critica*  
729 *Dryopteris cycadina*  
730 *Dryopteris cystolepidota*  
1700 *Dryopteris x deweveri*  
733 *Dryopteris dickinsii*  
734 *Dryopteris dickinsii* 'Incisa'  
735 *Dryopteris dilatata*  
737 *Dryopteris dilatata* 'Crispa Whiteside'  
742 *Dryopteris dilatata* 'Lepidota Cristata'  
743 *Dryopteris dracomontana*  
744 *Dryopteris erythrosora*  
749 *Dryopteris expansa*  
1985 *Dryopteris expansa* var. *willeana*  
751 *Dryopteris filix-mas* 'Barnesii'  
1925 *Dryopteris filix-mas corymbifera*  
752 *Dryopteris filix-mas* 'Crispa'  
755 *Dryopteris filix-mas* 'Crispa Cristata'  
756 *Dryopteris filix-mas* 'Crispatissima'  
1941 *Dryopteris filix-mas* Cristatum Group  
764 *Dryopteris filix-mas* 'Fluctuosa Cristata'  
766 *Dryopteris filix-mas* Grandiceps Group  
767 *Dryopteris filix-mas* 'Grandiceps Wills'  
772 *Dryopteris filix-mas* 'Linearis Polydactyla'  
1928 *Dryopteris filix-mas* *Revolvens*  
780 *Dryopteris goldiana*  
784 *Dryopteris hondoensis*  
790 *Dryopteris lacera*  
791 *Dryopteris lepidopoda*  
1943 *Dryopteris ludoviciana*  
795 *Dryopteris marginalis*  
797 *Dryopteris monticola*  
798 *Dryopteris munchii*  
799 *Dryopteris namegatae*  
1534 *Dryopteris odontoloma*  
801 *Dryopteris oligodonta*  
802 *Dryopteris oreades*  
808 *Dryopteris pallida* ssp. *raddeana*  
1999 *Dryopteris pulcherrima*  
813 *Dryopteris pycnopteroides*

- 814 *Dryopteris remota*  
1950 *Dryopteris x sarvelae*  
817 *Dryopteris scottii*  
819 *Dryopteris sieboldii*  
834 *Dryopteris stenolepis*  
835 *Dryopteris stewartii*  
837 *Dryopteris submontana*  
839 *Dryopteris tyrrhena*  
840 *Dryopteris uniformis*  
841 *Dryopteris uniformis* 'Cristata'  
843 *Dryopteris wallichiana*  
846 *Elaphoglossum crinitum*  
2004 *Elaphoglossum nigrescens*  
887 *Gymnocarpium dryopteris*  
1875 *Gymnocarpium fedtschenkoanum*  
890 *Gymnocarpium robertianum*  
892 *Hemionitis arifolia*  
1932 *Hemionitis palmata*  
898 *Hypodematum crenatum*  
904 *Hypolepis punctata*  
915 *Lastreopsis microsora*  
921 *Leptolepia novae-zealandiae*  
928 *Lophosoria quadripinnata*  
1964 *Matteuccia intermedia*  
940 *Matteuccia orientalis*  
1976 *Nephrolepis biserrata* 'Furcans'  
974 *Nephrolepis cordifolia*  
1987 *Nephrolepis cordifolia* 'Tesselata'  
985 *Notholaena nivea*  
1921 *Ophioderma pendulum* ssp. *Falcatum*  
1011 *Pellaea atropurpurea*  
1013 *Pellaea calomelanos*  
1015 *Pellaea cordifolia*  
1017 *Pellaea falcata*  
1021 *Pellaea ovata*  
1023 *Pellaea rotundifolia*  
2007 *Pellaea viridis* 'Macrophylla'  
1732 *Pentagramma triangularis*  
1032 *Phegopteris connectilis*  
1033 *Phegopteris decursive-pinnata*  
1048 *Phymatosorus scolopendria*  
1969 *Pityrogramma aurea flava*  
1893 *Plagiogyria pycnophylla*  
1058 *Platycterium alcorne*  
1060 *Platycterium bifurcatum*  
1065 *Platycterium coronarium*  
1971 *Platycterium diversifolium*  
1067 *Platycterium ellisii*  
1792 *Platycterium hillii*  
1069 *Platycterium holttumii*  
1077 *Platycterium superbum*  
1078 *Platycterium vassei*  
1079 *Platycterium wallichii*  
1970 *Platycterium willinckii*  
1086 *Pneumatopteris pennigera*  
1091 *Polypodium australe*  
1616 *Polypodium australe* 'Crenatum'  
1093 *Polypodium australe* 'Cristatum Old Form'  
1097 *Polypodium australe* 'Macrostachyon'  
1663 *Polypodium australe* 'Omnilacerum Rickard'  
1795 *Polypodium australe* 'Pulcherrimum' (sub-crested)  
1101 *Polypodium australe* 'Pulchritudine'  
1936 *Polypodium australe* Robustum  
1526 *Polypodium australe* 'Semilacerum falcatum O'Kelly'  
1799 *Polypodium australe* 'Semilacerum Jubilee'  
1090 *Polypodium californicum*  
1995 *Polypodium decumanum?* Hawaii  
1113 *Polypodium glycyrrhiza*  
1115 *Polypodium interjectum*  
1988 *Polypodium pellucidum* 'Volcanicum'  
1124 *Polypodium scoleri*  
1982 *Polypodium sinningtonense*  
1128 *Polypodium vulgare*  
1132 *Polypodium vulgare* 'Ramosum'  
1135 *Polystichum aculeatum*  
1886 *Polystichum aculeatum* Cristatum Group 'Ken Trewren'  
1865 *Polystichum ammifolium*  
1533 *Polystichum x bicknellii*  
1143 *Polystichum braunii*  
2008 *Polystichum concinnum*  
1562 *Polystichum dracomontanum*  
1148 *Polystichum drepanum*  
1150 *Polystichum falcinellum*  
1161 *Polystichum lonchitis*  
1162 *Polystichum makinoi*  
1486 *Polystichum microchlamys*  
1168 *Polystichum munitum*  
1173 *Polystichum neolobatum*  
1944 *Polystichum* aff. *plicatum*  
1177 *Polystichum polyblepharum*  
1984 *Polystichum pseudo-makinoi*  
1180 *Polystichum richardii*  
1181 *Polystichum rigens*  
1183 *Polystichum setiferum*  
1186 *Polystichum setiferum* 'Acutilobum'  
1192 *Polystichum setiferum* 'Congestum'  
1205 *Polystichum setiferum* Cristatum Group  
1213 *Polystichum setiferum* Divisilobum Group  
1230 *Polystichum setiferum* 'Lineare'



Cut Here-----

This cut-off slip should fit into a standard DL window envelope for your convenience.

A R Busby,  
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