

Bek Jiri

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Sporophytes of polysporangiate land plants from the early Silurian period may have been photosynthetically autonomous. <i>Nature Plants</i> , 2018, 4, 269-271.	9.3	56
2	Taxonomic revision of the Palaeozoic marattialean fern <i>Acitheca</i> Schimper. <i>Review of Palaeobotany and Palynology</i> , 2006, 138, 239-280.	1.5	50
3	Middle Pennsylvanian pioneer plant assemblage buried in situ by volcanic ash-fall, central Bohemia, Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2009, 155, 204-233.	1.5	38
4	<i>Paratingia wudensis</i> sp. nov., a whole noeggerathialean plant preserved in an earliest Permian air fall tuff in Inner Mongolia, China. <i>American Journal of Botany</i> , 2009, 96, 1676-1689.	1.7	33
5	Description of synangia and spores of the holotype of the Carboniferous fern <i>Lobatopteris miltoni</i> , with taxonomic comments. <i>Review of Palaeobotany and Palynology</i> , 2009, 155, 133-144.	1.5	29
6	Permian <i>Circulipuncturites discinispuris</i> Labandeira, Wang, Zhang, Bek et Pfefferkorn gen. et spec. nov. (formerly <i>Discinisporea</i>) from China, an ichnotaxon of a punch-and-sucking insect on Noeggerathialean spores. <i>Review of Palaeobotany and Palynology</i> , 2009, 156, 277-282.	1.5	28
7	A 25 million year macrofloral record (Carboniferous–Permian) in the Czech part of the Intra-Sudetic Basin; biostratigraphy, plant diversity and vegetation patterns. <i>Review of Palaeobotany and Palynology</i> , 2017, 244, 241-273.	1.5	28
8	A palaeoecological model for a vegetated early Westphalian intramontane valley (Intra-Sudetic Basin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tt	1.5	23
9	A marattialean fern, <i>Scolecopteris libera</i> n. sp., from the Asselian (Permian) of Inner Mongolia, China. <i>Palaeoworld</i> , 2019, 28, 487-507.	1.1	18
10	Two new species of <i>Sonapteris</i> gen. nov. (Botryopteridaceae) based on compressions from the Upper Carboniferous (Bolsovian-Westphalian D) of the Pilsen Basin, Bohemian Massif. <i>Review of Palaeobotany and Palynology</i> , 2005, 136, 111-142.	1.5	17
11	The sub-arborescent lycopsid genus <i>Polysporia</i> Newberry and its spores from the Pennsylvanian (Bolsovian–Stephanian B) continental basins of the Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2008, 152, 176-199.	1.5	17
12	A review of the genus <i>Lycospora</i> . <i>Review of Palaeobotany and Palynology</i> , 2012, 174, 122-135.	1.5	17
13	Cuticles and spores of <i>Senftenbergia plumosa</i> (Artis) Bek and PÅjeniÅka from the Carboniferous of Pilsen Basin, Bohemian Massif. <i>Review of Palaeobotany and Palynology</i> , 2003, 125, 299-312.	1.5	16
14	A new late Westphalian fossil marattialean fern from Nova Scotia. <i>Botanical Journal of the Linnean Society</i> , 2003, 142, 199-212.	1.6	14
15	Six rare <i>Lepidostrobus</i> species from the Pennsylvanian of the Czech Republic and their bearing on the classification of lycosporae. <i>Review of Palaeobotany and Palynology</i> , 2006, 139, 211-226.	1.5	13
16	New sphenophyllaleans from the Pennsylvanian of the Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2014, 200, 196-210.	1.5	12
17	<i>Nudasporestrobus ningxicus</i> gen. et sp. nov., a novel sigillarian megasporangiate cone from the Bashkirian (Early Pennsylvanian) of Ningxia, northwestern China. <i>Review of Palaeobotany and Palynology</i> , 2008, 149, 150-162.	1.5	11
18	<i>Selaginella labutae</i> sp. nov., a new compression herbaceous lycopsid and its spores from the Kladno–RakovnÅk Basin, Bolsovian of the Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2009, 155, 101-115.	1.5	11

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19	A Small Heterophyllous Vine Climbing on <i>Psaronius</i> and <i>Cordaites</i> Trees in the Earliest Permian Forests of North China. <i>International Journal of Plant Sciences</i> , 2020, 181, 616-645.	1.3	11
20	A whole noeggerathialean plant <i>Tingia unita</i> Wang from the earliest Permian peat-forming flora, Wuda Coalfield, Inner Mongolia. <i>Review of Palaeobotany and Palynology</i> , 2021, 294, 104204.	1.5	11
21	A reassessment of the taxonomy of <i>Oligocarpia bellii</i> (Late Pennsylvanian, Sydney Coalfield, Nova Scotia). <i>Journal of Paleontology</i> , 2021, 95, 1073-1081.	1.6	11
22	REVISION OF THE CONE GENUS DISCINITES FROM THE CARBONIFEROUS CONTINENTAL BASINS OF BOHEMIA. <i>Palaeontology</i> , 2005, 48, 1377-1397.	2.2	10
23	Dynamics of Silurian Plants as Response to Climate Changes. <i>Life</i> , 2021, 11, 906.	2.4	10
24	<i>Huttonia spicata</i> (Sternberg) emend. and its spores, the Radnice Basin (Bolsovian), Carboniferous continental basins of the Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2004, 128, 247-261.	1.5	9
25	Ancient noeggerathialean reveals the seed plant sister group diversified alongside the primary seed plant radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
26	Revision of the Pennsylvanian fern <i>Boweria</i> Kidston and the establishment of the new genus <i>Kidstoniopteris</i> . <i>Review of Palaeobotany and Palynology</i> , 2017, 236, 33-58.	1.5	8
27	TO Early Permian coal-forest preserved in situ in volcanic ash bed in the Wuda Coalfield, Inner Mongolia, China. <i>Review of Palaeobotany and Palynology</i> , 2020, 294, 104347.	1.5	8
28	<i>Qasimia yunnanica</i> sp. nov., a marattialean fern with bivalvate synangia from the Lopingian of Southwest China. <i>Review of Palaeobotany and Palynology</i> , 2021, 293, 104497.	1.5	8
29	Two new species of <i>Kladnostrobus</i> nov. gen. and their spores from the Pennsylvanian of the Kladno-Rakovná Basin (Bolsovian, Czech Republic). <i>Geobios</i> , 2005, 38, 467-476.	1.4	7
30	Late Mississippian–early Pennsylvanian (Serpukhovian–Bashkirian) miospore assemblages of the Bohemian part of the Upper Silesian Basin, Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2008, 152, 40-57.	1.5	7
31	Two New Carboniferous Fertile Sphenophylls and their Spores from the Czech Republic. <i>Acta Palaeontologica Polonica</i> , 2008, 53, 723-732.	0.4	7
32	<i>Spencerites leismanii</i> sp. nov., a new sub-arborescent compression lycopsid and its spores from the Pennsylvanian of the Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2009, 155, 116-132.	1.5	7
33	Reinvestigation of the marattialean <i>Zhutheca densata</i> (Gu et Zhi) Liu, Li et Hilton from the Lopingian of Southwest China, and its evolutionary implications. <i>Review of Palaeobotany and Palynology</i> , 2020, 282, 104310.	1.5	7
34	A zygopterid fern with fertile and vegetative parts in anatomical and compression preservation from the earliest Permian of Inner Mongolia, China. <i>Review of Palaeobotany and Palynology</i> , 2021, 294, 104382.	1.5	7
35	Revision and significance of the Westphalian (Middle Pennsylvanian) arborescent lycopsid <i>Bergeria dilatata</i> (Lindley & Hutton) Álvarez-Vázquez & Wagner. <i>Spanish Journal of Paleontology</i> , 2018, 33, 5.	0.1	7
36	Occurrence of spores from an isoetalean lycopsid of the Polysporia-type in the Late Devonian of Ohio, USA. <i>Review of Palaeobotany and Palynology</i> , 2009, 156, 34-50.	1.5	6

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37	A reassessment of the Pennsylvanian lycophyte cone <i>Triplosporite</i> Brown. <i>Acta Geologica Polonica</i> , 2014, 64, 139-145.	0.9	6
38	A new marattialean fern, <i>Pectinangium xuanweiense</i> sp. nov., from the Lopingian of Southwest China. <i>Review of Palaeobotany and Palynology</i> , 2021, 295, 104500.	1.5	6
39	Plant Diversity of The Mid Silurian (Lower Wenlock, Sheinwoodian) Terrestrial Vegetation Preserved in Marine Sediments from The Barrandian Area, The Czech Republic. <i>Fossil Imprint</i> , 2018, 74, 327-333.	0.8	6
40	A new reproductive organ <i>Echinosporangites libertite</i> gen. and sp. nov. and its spores from the Pennsylvanian (Bolsovian) of the Pilsen Basin, Bohemian Massif, Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2009, 155, 145-158.	1.5	5
41	A new anachoropterid fern from the Asselian (Cisuralian) Wuda Tuff Flora. <i>Review of Palaeobotany and Palynology</i> , 2020, , 104346.	1.5	5
42	Revision of the Pennsylvanian fern <i>Myriothecca anglica</i> Kidston from the Central Pennine Basin (UK) and its transfer to the genus <i>Pecopteris</i> (Brongniart) Sternberg. <i>Review of Palaeobotany and Palynology</i> , 2020, 279, 104241.	1.5	5
43	Palynological grouping of Paleozoic marattialean miospores. <i>Review of Palaeobotany and Palynology</i> , 2021, 284, 104341.	1.5	5
44	The first compression <i>Pteroretis</i> -producing sphenophyllalean cones, Pennsylvanian of the Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2009, 155, 159-174.	1.5	4
45	In situ reticulate sphenophyllalean spores, Pennsylvanian (Bolsovian) of the Czech Republic. <i>Review of Palaeobotany and Palynology</i> , 2010, 159, 56-61.	1.5	4
46	A whole calamitacean plant <i>Palaeostachya guanglongii</i> from the Asselian (Permian) Taiyuan Formation in the Wuda Coalfield, Inner Mongolia, China. <i>Review of Palaeobotany and Palynology</i> , 2020, , 104245.	1.5	4
47	A structural reinterpretation of the enigmatic Carboniferous miospore <i>Pteroretis</i> Felix & Burbridge 1961 emend. nov.. <i>Palynology</i> , 2006, 30, 17-32.	1.5	3
48	<i>Scolecopteris minuta</i> sp. nov., a marattialean fern from the early Permian Wuda Tuff Flora of Inner Mongolia, China. <i>Review of Palaeobotany and Palynology</i> , 2020, 294, 104246.	1.5	3
49	New data about three sphenophylls and their spores from the volcanic tuff of Wuda, Taiyuan Formation, earliest Permian, China. <i>Review of Palaeobotany and Palynology</i> , 2021, 294, 104484.	1.5	3
50	Revision of Pennsylvanian genus <i>Sturia</i> Němejc and its spores (Duckmantian, Czech Republic). <i>Acta Palaeobotanica</i> , 2017, 57, 153-163.	0.7	3
51	Taxonomy and stratigraphic importance of the Carboniferous miospore genus <i>Vestispora</i> . <i>Review of Palaeobotany and Palynology</i> , 2014, 202, 15-28.	1.5	2
52	<i>Omphalophloios wagneri</i> sp. nov., a new sub-arborescent lycopsid from the middle Moscovian (Middle) Tj ETQq0 0 0 rgBT /Overlock 10	1.5	2
53	Two new leptosporangiate ferns from in situ volcanic ash of the Whetstone Horizon (Kladno) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	2
54	The compound synangial organ <i>Potonia krisiae</i> sp. nov. and its plausible relationship with linopterids based on cuticles from the Late Pennsylvanian Sydney Coalfield, Canada. <i>International Journal of Coal Geology</i> , 2019, 210, 103200.	5.0	1

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55	Polysporia baetica sp. nov., a new heterosporous sub-arborescent isoetalean from lower Bolsovian (Middle Pennsylvanian) strata of the Pe��arroya-Belmez-Espiel Coalfield (C��rdoba, SW Spain). Review of Palaeobotany and Palynology, 2020, 272, 104115.	1.5	1
56	A new leptosporangiate fern Oligosporangiopteris zhongxiangii gen. and sp. nov. from the lowermost Permian of Inner Mongolia, China �� morphology, anatomy and reproductive organs. Review of Palaeobotany and Palynology, 2021, 294, 104479.	1.5	1
57	A comparative study on in situ spores of some Paleozoic noeggerathialeans and their implications for dispersed spore assemblages. Review of Palaeobotany and Palynology, 2021, 294, 104379.	1.5	1
58	A new species of Scolecopteris (Marattiales, Psaroniaceae) from the early Permian Wuda Tuff Flora. Review of Palaeobotany and Palynology, 2022, 304, 104717.	1.5	1
59	Paleozoic in situ spores and pollen. Sphenopsida. Palaeontographica Abteilung B: Palaeophytologie, 2021, , .	1.6	0