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ABSTRACTS

Polish Botanical Journal 49(1): 1–3, 2004

Abstract: The new genus *Cabalodontia* M. Piątek with the type *Odontia queletii* Bourdot & Galzin is described, and new combinations *C. bresadolae* (Parmasto) M. Piątek, *C. cretacea* (Romell ex Bourdot & Galzin) M. Piątek, *C. livida* (Burt) M. Piątek, *C. queletii* (Bourdot & Galzin) M. Piątek and *C. subcretacea* (Litsch.) M. Piątek are proposed. The new genus belongs to Meruliaceae P. Karst. and is closely related to *Phlebia* Fr.

Key words: *Cabalodontia*, *Phlebia*, *Steccherinum*, *Irpex*, Meruliaceae, new genus, corticoid fungi, taxonomy

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RUBUS LUCENTIFOLIUS (ROSACEAE), A NEW SPECIES OF BRAMBLE FROM POLAND

JERZY ZIELIŃSKI, PIOTR KOSIŃSKI & DOMINIK TOMASZEWSKI

Abstract. *Rubus lucentifolius* Zieliński & Kosiński, *sp. nov.*, a regional species belonging to the series *Glandulosi* (Wimm. & Grab.) Focke is described from south-western Poland. Morphologically it is a well-defined bramble distinguishable by the following combination of features: prickles and stalked glands yellowish; leaves pedate, 5-foliolate, light green, glabrous or subglabrous and ± shining beneath; leaflets narrow, shallowly serrate; carpels densely hairy; stamens as long or shorter than styles; sepals patent in fruit.

Key words. *Rubus*, ser. *Glandulosi*, new species, Lower Silesia, SW Poland

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TAXONOMIC AND NOMENCLATURAL NOTES ON *HIERACIUM PAWLOWSKIANUM* (ASTERACEAE) AND ITS RELATIVES

ZBIGNIEW SZELAĞ

Abstract: The taxonomic position of *Hieracium pawlowskianum* Nyár. from *H.* sect. *Cernua* R. Uechtr. is discussed. Based on morphological characteristics, *H. tomiasiforme* Nyár. and *H. riumarense* Nyár. ex Szelağ were found to be conspecific with *H. pawlowskianum* and reduced to synonymy. Lectotypes for the names *H. pawlowskianum* and *H. tomiasiforme* are selected.

Key words: Asteraceae, *Hieracium* sect. *Cernua*, lectotypifications, new synonyms, nomenclature, taxonomy, Romania, South Carpathians

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TAXONOMIC AND NOMENCLATURAL NOTES ON *HIERACIUM SILESIACUM* (ASTERACEAE)

ZBIGNIEW SZELAĞ

Abstract: Lectotypes for the names *Hieracium silesiacum* E. Krause and *H. sparsum* Friv. subsp. *silesiacum* (E. Krause) Zahn var. *vaiskovae* Lengyel & Zahn are designated and illustrated. Based on morphological characteristics, both were found to belong to the same species, of which *H. silesiacum* is the correct name. The distribution of *H. silesiacum* is provided and the hypothetical origin of *Hieracium* sect. *Cernua* in the Western Carpathians and Eastern Sudetes is briefly discussed.

Key words: Asteraceae, *Hieracium* sect. *Cernua*, lectotypification, new synonym, nomenclature, taxonomy, distribution, Eastern Sudetes, Western Carpathians

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**A PROVISIONAL CHECKLIST OF THE CONTINENTAL AFRICAN ORCHIDACEAE.
4. ORCHIDOIDEAE. 3. SATYRIEAE**

TOMASZ S. OLSZEWSKI

Abstract: A checklist of the continental African Satyriaceae (Orchidaceae, Orchidoideae) is provided. 81 species in four genera are listed.

Key words: Magnoliophyta, Orchidaceae, Orchidoideae, Satyriaceae, checklist, continental Africa

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LICHEN SPECIES NEW TO MONGOLIA

KARINA PALKA & LUCYNA ŚLIWA

Abstract: Three species of *Lecanora* and five predominantly sterile lichens are reported for the first time from Mongolia: *Lecanora flotoviana* Spreng., *L. mughicola* Nyl., *L. zosteræ* (Ach.) Nyl., *Buellia griseovirens* (Turner & Borrer ex Sm.) Almb., *Lichenomphalia umbellifera* (L.: Fr.) Redhead et al., *Placynthiella icmalea* (Ach.) Coppins & P. James, *Trapeliopsis flexuosa* (Fr.) Coppins & P. James and *Xylographa vitiligo* (Ach.) J. R. Laundon. Two of the taxa, *L. flotoviana* and *L. zosteræ*, are new findings for Central Asia.

Key words: lichens, distribution, Khubsugul [Hövsögöl] region, Altai, Mongolia, Central Asia

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**HETEROBASIDIOMYCETES OF THE FAMILIES OLIVEONIACEAE AND
TULASNELLACEAE FROM POLAND**

PETER ROBERTS & MARCIN PIĄTEK

Abstract: Nine resupinate heterobasidiomycetes recently collected in southern Poland are reported and discussed. *Oliveonia fibrillosa* (Burt) Donk, *Tulasnella albida* Bourdot & Galzin, *T. saveloides* P. Roberts and *T. tomaculum* P. Roberts are recorded for the first time in Poland. A

key is provided to the 14 known Polish species of *Tulasnella* J. Schröt.

Key words: *Oliveonia*, *Tulasnella*, heterobasidiomycetes, Poland

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SURVEY OF THE GENUS *DISCOSIA* (ANAMORPHIC FUNGI) IN POLAND

AGATA WOLCZAŃSKA, MONIKA KOZŁOWSKA, MARCIN PIĄTEK & WIESŁAW MUŁENKO

Abstract: Until recently only two species of the genus *Discosia* Libert, *D. artocreas* (Tode: Fr.) Fr. and *D. strobilina* Libert, have been known from Poland, but lately another three species were collected, *D. lysimachiae* Vanev, *D. minuta* Ces. and *D. vincae* Vanev, new for Poland and rarely reported in the world. Of all fungi reported in this work the most common is *Discosia artocreas*, hitherto found in Poland on 12 host plants. Currently this fungus is reported from a further eight hosts: *Anemone nemorosa* L., *Galium odoratum* (L.) Scop., *Gymnocarpium dryopteris* (L.) Newman, *Moehringia trinervia* (L.) Clairv., *Mycelis muralis* (L.) Dumort., *Oxalis acetosella* L., *Tilia cordata* Mill. and *Viola reichenbachiana* Jord. ex Boreau. This paper provides full documentation of collected species of *Discosia* together with the distribution in Poland of all species belonging to this genus. Yet another one species reported from Poland under generic name *Discosia*, viz. *Discosia alnea* (Pers.) Berk. is now considered to be member of the genus *Asteroma* DC. – *Asteroma alneum* (Pers.: Fr.) B. Sutton.

Key words: anamorphic fungi, coelomycetes, *Discosia*, *Asteroma*, distribution in Poland

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MYCENASTRUM CORIUM (FUNGI, AGARICALES) IN POLAND

ANNA KUJAWA, ANNA BUJAKIEWICZ & JERZY KARG

Abstract: The paper reviews the localities of *Mycenastrum corium* (Guers.) Desv. in Poland and presents a new one from the Wielkopolska region.

Key words: gasteromycetoid fungi, macrofungi, *Mycenastrum corium*, agricultural landscape, distribution, Poland

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SOME PHYTOPATHOGENIC FUNGI RARE OR NEW TO POLAND

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Abstract: The phytopathogenic fungi *Alternaria eryngii* (Pers.: Fr.) S. Hughes & E. G. Simmons, *Ascochyta aristolochiae* Sacc., *Passalora avicularis* (G. Winter) Crous, U. Braun & Morris and *Ramularia jaapiana* (Magnus) U. Braun are new to Poland. In addition, nine species are reported on hosts that are new to Poland, and four rare taxa are listed from new localities. All fungi are briefly discussed and some are described and illustrated.

Key words: *Alternaria*, *Ascochyta*, *Cercospora*, *Coniothyrium*, *Entyloma*, *Marssonina*, *Mycocentrospora*, *Passalora*, *Pestalotiella*, *Ramularia*, Ustilaginomycetes, anamorphic fungi, host range, distribution in Poland

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PERENNIPORIA FRAXINEA (FUNGI, POLYPORALES), A NEW SPECIES FOR POLAND

ANDRZEJ SZCZEPKOWSKI

Abstract: *Perenniporia fraxinea* (Bull.: Fr.) Ryv., a species hitherto unknown in Poland, is reported from two localities in Warsaw. The morphology of newly collected basidiomes is described, and information on the ecology of the fungus and its world distribution are provided. Two insects inhabiting basidiomes of *Perenniporia fraxinea* are listed.

Key words: *Perenniporia fraxinea*, morphology, distribution, ecology, insects, Poland

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NEW AND RARE LICHEN SPECIES OF THE POLISH TATRA MOUNTAINS

ADAM FLAKUS

Abstract: The paper reports the occurrence of 51 interesting lichen species in the Polish Tatra Mts. Eleven species are new to the area: *Bacidia rubella* (Hoffm.) A. Massal., *Buellia papillata* (Sommerf.) Tuck., *Lecanactis dilleniana* (Ach.) Körb., *Lecanora varia* (Hoffm.) Ach., *Melaspilea gibberulosa* (Ach.) Zwackh., *Micarea tuberculata* (Sommerf.) R. A. Anderson, *Miriquidica leucophaea* (Flörke ex Rabenh.) Hertel & Rambold, *Polysporina lapponica* (Ach. ex Schaer.) Degel., *Ramalina intermedia* (Delise ex Nyl.) Nyl., *R. pollinaria* (Westr.) Ach. and *Rhizocarpon lavatum* (Fr.) Hazsl. Of these taxa, *Buellia papillata* is new to Poland and *Melaspilea gibberulosa* is new to the entire Tatra Mts range.

Key words: Lichens, *Melaspilea gibberulosa*, distribution, ecology, Tatra Mts, Carpathians, Poland

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CYANOPHYTA AND ALGAE AS AN IMPORTANT COMPONENT OF BIOLOGICAL CRUST FROM THE PUSTYNIA BŁĘDOWSKA DESERT (POLAND)

JOLANTA CABALA & OIMAHMAD RAHMONOV

Abstract: This research on the algae flora of the sandy area of the Pustynia Błędowska desert is the first study of eupsammonic algae in this desert. This paper reports eleven species of algal taxa: six Cyanophyta, one Heterokontophyta and three Chlorophyta found in the Pustynia Błędowska desert. Most of them are reported from soil and sand habitat for the first time, and two species, *Klebsormidium crenulatum* (Kütz.) H. Ettl & G. Gärtner and *Stichococcus chlorelloides* Grintzesco & L. S. Péterfi, are new records for the flora of Poland. Illustrations, taxonomic information and biogeographical data are given for each species.

Key words: Cyanophyta, Heterokontophyta, Chlorophyta, Pustynia Błędowska desert, Poland

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BOTANICAL NOTES

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CALOPLACA AUREA (TELOSCHISTACEAE), A LICHEN SPECIES NEW TO BULGARIA

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A NEW LOCALITY OF OROBANCHE BARTLINGII (OROBANCHACEAE) IN POLAND

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LICHENES SELECTI EXSICCATI – A NEW EXSICCATA DISTRIBUTED BY THE W. SZAFER INSTITUTE OF BOTANY, POLISH ACADEMY OF SCIENCES, KRAKÓW

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