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ABSTRACTS

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BRYOPHYTES FROM THE FIJI ISLANDS, II. AN ACCOUNT OF THE GENUS COLURA, WITH A DESCRIPTION OF *C. VITIENSIS* SP. NOV.

TAMÁS PÓCS & JENS EGGERS

Abstract. Six species of *Colura* were known from the Fiji Archipelago, to which *C. crispiloba* Ast, *C. cristata* Ast, *C. queenslandica* B. Thiers and *Colura vitiensis* Pócs & Eggers sp. nov. are added here. The new taxon belongs to the section *Harmophyllum* Grolle. A key to the presently known ten Fijian species of *Colura* is supplied.

Key words: *Colura*, Fiji, Melanesia, Lejeuneaceae, Pacific

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REASSESSMENT OF THE SMUT FUNGI INFECTING ANEMONE IN SOUTHERN SOUTH AMERICA

MARCIN PIĄTEK

Abstract. Two smut fungi infecting species of *Anemone* L. in southern South America are described, illustrated and discussed. *Tuburcinia antucensis* Liro on *Anemone antucensis* Poepp. in Chile is re-evaluated taxonomically and transferred to the genus *Urocystis* Rabenh. ex Fuckel. A collection of *Urocystis anemones* (Pers.) G. Winter infecting *Anemone decapetala* Ard. in Chile is taxonomically re-assessed. *Urocystis antucensis* (Liro) M. Piątek is an endemic smut confined to Chile, while *U. anemones* is a widespread smut fungus in the Holarctic, but in South America known only from Chile so far.

Key words: Ustilaginomycotina, Urocystales, *Urocystis*, *Anemone*, Chile, South America

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TYPIFICATION OF THE *HIERACIUM* (ASTERACEAE) NAMES DESCRIBED BY E. WOŁOSZCZAK FROM THE EASTERN CARPATHIANS

ZBIGNIEW SZELĄG

Abstract. Fifteen species names of *Hieracium* L. described by Eustachy Wołoszczak from the Eastern Carpathians are lectotypified from among original specimens stored at KRAM and W, and illustrated.

Key words: Eastern Carpathians, *Hieracium*, lectotypification

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NEW DATA ON THE DISTRIBUTION OF *ARABIS RECTA* (BRASSICACEAE) IN POLAND

MARCIN NOBIS, MACIEJ KOZAK & WACŁAW BARTOSZEK

Abstract. Polish locations of *Arabis recta* are situated at the absolute northerly distributional limit of the European range. Until recently this spring therophyte was regarded as an extinct plant in Poland. During field studies the authors confirmed a number of stations and discovered new ones for this species. This work examines the distribution, habitat preferences and plant communities in which the species was reported, gives information on the size of the population at each of the localities, and provides a distribution map.

Key words: *Arabis recta*, distribution, endangered plants, habitat, Poland

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VERRUCARIA ELAEOMELAENA AND V. FUNCKII (VERRUCARIACEAE) IN POLAND

BEATA KRZEWICKA & JÓZEF KISZKA

Abstract. *Verrucaria elaeomelaena* (A. Massal.) Arnold is confirmed as occurring in Poland, and its relation to *V. funckii* (Spreng.) Zahlbr. is discussed. The species are briefly described and their distribution in Poland given.

Key words: freshwater lichens, taxonomy, distribution, Poland

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SOME SILICA-SCALED CHRYSOPHYTES FROM THE TATRA MOUNTAINS, POLAND

JOLANTA PIĄTEK

Abstract. Four species of chrysophytes were identified from a peat bog and lakes in the Tatra Mts in Poland: *Mallomonas acaroides* Perty emend. L. Ivanov, *M. flora* K. Harris & D. E. Bradley, *Synura echinulata* Korshikov and *S. petersenii* Korshikov. *Mallomonas flora* and *Synura echinulata* are reported from Poland for the first time, and all of them for the first time from the Polish Tatra Mts. The species are described and illustrated with LM and SEM micrographs.

Key words: Chrysophytes, Synurophyceae, *Mallomonas*, *Synura*, Tatra Mountains, Poland

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TWO SILICA SCALE-BEARING CHRYSOPHYTES FROM POLAND

JOLANTA PIĄTEK

Abstract. Two silica-scaled chrysophytes were identified from a fishpond in Szerbaków village in the Wyżyna Małopolska upland in Poland. It is the first finding of *Mallomonas cratis* K. Harris & D. E. Bradley and the second finding of *Synura petersenii* Korshikov in Poland. The species are described and illustrated with LM and/or SEM micrographs.

Key words: Chrysophytes, Synurophyceae, *Mallomonas*, *Synura*, Poland

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FILAMENTOUS FUNGI ASSOCIATED WITH *MONOCHAMUS GALLOPROVINCIALIS* AND *ACANTHOCINUS AEDILIS* (COLEOPTERA: CERAMBYCIDAE) IN SCOTS PINE

ROBERT JANKOWIAK & ROBERT ROSSA

Abstract. The composition and abundance of filamentous fungi species associated with *Monochamus galloprovincialis* and *Acanthocinus aedilis* on *Pinus sylvestris* in southern Poland were studied. Fungi were isolated from *A. aedilis* adults and *M. galloprovincialis* adults and their galleries, collected from three pine stands. In total, 214 fungal isolates from *A. aedilis* insect bodies and 232 fungal isolates from *M. galloprovincialis* adults were obtained; 1569 fungal isolates representing 39 species were obtained from *M. galloprovincialis* gallery systems. The most important groups of fungi were ophiostomatoid fungi and molds, including *Mucor*, *Penicillium* and *Trichoderma* species. Among ophiostomatoid fungi, *Ophiostoma minus* and *O. piceae* were the most frequently isolated species from *A. aedilis* and *M. galloprovincialis* adults, respectively. *Ophiostoma minus* was the dominant species in *M. galloprovincialis* galleries, with a frequency of 41%. Another relatively common fungus was *Graphium* sp. ‘W’, whereas other ophiostomatoid species were only occasionally isolated.

Key words: Blue-stain fungi, molds, ophiostomatoid fungi, cerambycid beetles, *Pinus sylvestris*, *Monochamus galloprovincialis*, *Acanthocinus aedilis*

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NOTES ON THE DISTRIBUTION AND ECOLOGY OF FUNGI OF THE GENUS *ANTHRACOIDEA* (USTILAGINOMYCETES) IN POLAND

ANDRZEJ CHLEBICKI

Abstract. The paper provides confirmation of Nannfeldt’s suggestion of the occurrence in Poland of *Anthracoidea angulata* (Syd.) Boidol & Poelt, a new species for Poland, collected on hairy sedge *Carex hirta* L. in the Puszcza Augustowska forest. Another species, *Anthracoidea echinospora* (Lehtola) Kukkonen, is reported on a new host, *Carex nigra* (L.) Reichard, from Wigry National Park. New localities of *Anthracoidea arenaria* (Syd.) Nannf. and *A. caricis* (Pers.) Bref. from the Carpathians are reported. The occurrence of the smut beetle *Phalacrus substriatus* Gyll. and an acarine of the family Eriophyidae in the sori of *Anthracoidea arenaria* is reported.

Key words: *Carex*, smut, beetle, *Phalacrus*, acari, Poland

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ENTOLOMA OLLARE, A SPECIES OF SUBGENUS *CLAUDOPUS*, NEW TO POLAND

PIOTR MLECZKO & ANNA MARIA OCIEPA

Abstract. *Entoloma ollare* E. Ludwig & T. Rödiger, a member of the subgenus *Claudopus*, section *Claudopus*, was recently found in Poland growing in a pot with *Araucaria*. The species is characterized by greyish to beige-colored fruitbodies with a central to excentric stipe, subdistant lamellae, tomentose cap surface and farinaceous smell. The most important microscopic features are the absence of clamp connections in all hyphae (including basidia), heterodiametrical spores, and

hyphae of the pileipellis with incrusting pigment. *Entoloma ollare* has so far been known from only a few localities in Germany and the Netherlands, growing in a pot with *Clivia* or *Ficus*.

Key words: *Entoloma ollare*, *Entoloma* subgenus *Claudopus*, Agaricales, Basidiomycota, Poland

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NEW LICHENS AND LICHENICOLOUS FUNGI OF THE POLISH SUDETY MOUNTAINS

KATARZYNA SZCZEPAŃSKA

Abstract. The paper reports the occurrence of 20 lichen species, including two lichenicolous fungi *Dactylospora saxatilis* (Schaer.) Hafellner and *Tremella hypogymniae* Diederich & M. S. Christ. new to the Polish Sudety Mts. Some, such as *Biatora chrysantha* (Zahlbr.) Printzen, *Leucocarpia biatorella* (Arnold) Vězda and *Phaeophyscia endophoenicea* (Harm.) Moberg, are rare in Poland. All of the reported taxa were found in the eastern Sudety Mts.

Key words: Lichens, distribution, Sudety Mts, Poland

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