

## New combinations for ergot species described under their anamorphic names by S. Pažoutová and colleagues

MIROSLAV KOLAŘÍK

Institute of Microbiology ASCR, Vídeňská 1083, CZ-142 20, Praha 4, Czech Republic;  
mkolarik@biomed.cas.cz

Kolařík M. (2015): New combinations for ergot species described under their anamorphic names by S. Pažoutová and colleagues. – Czech Mycol. 67(2): 135–136.

Three new ergot species have been described by S. Pažoutová and her colleagues under their anamorphic name *Sphacelia*. The recent changes to the International Code of Nomenclature for algae, fungi, and plants resulted in the end of dual nomenclature and the name *Claviceps* was proposed as the only one valid for ergot fungi. In this paper the combination of three *Sphacelia* species into the genus *Claviceps* is provided.

**Key words:** *Claviceps*, *Sphacelia*, nomenclature, *C. eriochloae*, *C. lovelessii*, *C. texensis*.

**Article history:** received 29 June 2015, revised 8 July 2015, accepted 13 July 2015, published online 24 July 2015.

Kolařík M. (2015): Nové kombinace pro druhy paličkovice popsané S. Pažoutovou a kolegy pod anamorfními jmény. – Czech Mycol. 67(2): 135–136

Sylvie Pažoutová a její kolegové popsalí tři nové druhy paličkovice a zařadili je do anamorfního rodu *Sphacelia*. Aktuální změny v Mezinárodním kódru nomenklatury řas, hub a rostlin ukončily platnost duální nomenklatury a jméno *Claviceps* bylo navrženo jako jediné platné pro tento rod. Článek přináší nové kombinace tří druhů *Sphacelia* do rodu *Claviceps*.

### SHORT TAXONOMIC REPORT

With the changes implemented in the International Code of Nomenclature for algae, fungi, and plants, fungi can no longer have more than one scientific name. Asexual morph-typified and sexual morph-typified names compete on an equal nomenclatural basis but the correct name should be selected based on the priority rule, also following the key guidance to maintain “existing usage as far as possible” (McNeill et al. 2012, Hawksworth 2011). The choice of the proper names is now under debate and favoured names are compiled in the List of Generic Names Proposed for Protection available on the website of the International Commission for the Taxonomy of Fungi (ICTF; <http://www.fungaltaxonomy.org/subcommissions>). The list of proposed names will be discussed at the next International Botanical Congress and once approved, names will be conserved and protected against further

changes (Rossman 2014). The priority rule has also affected the name *Claviceps* Tul., which is competing with the older sanctioned name *Spermoedia*. *Spermoedia clavus* would then be the correct name for *Claviceps purpurea* (see Pažoutová et al. 2015 for details). This is unacceptable, because this name is widely used and the name *Claviceps* Tul. has been included into the List of Generic Names Proposed for Protection (Kirk et al. 2013). Pažoutová et al. (2008) described three new species for which only the asexual morph was available and thus they were described under the anamorphic name *Sphacelia*. This paper provides new combinations for these three species.

***Claviceps eriochloae* (Pažoutová & Odvody) M. Kolařík, comb. nov.**

(MycoBank MB 813058)

Basionym: *Sphacelia eriochloae* Pažoutová & Odvody, Fungal Diversity 31: 105 (2008).

***Claviceps lovelessii* (Pažoutová, M. Kolařík & Freder.) M. Kolařík, comb. nov.**

(MycoBank MB 813059)

Basionym: *Sphacelia lovelessii* Pažoutová, M. Kolařík & Freder., Fungal Diversity 31: 107 (2008).

***Claviceps texensis* (Pažoutová & Odvody) M. Kolařík, comb. nov.**

(MycoBank MB 813060)

Basionym: *Sphacelia texensis* Pažoutová & Odvody, Fungal Diversity 31: 106 (2008).

#### ACKNOWLEDGEMENTS

This work was supported by the grant GACR GA13-00788S.

#### REFERENCES

- HAWKSWORTH D.L. (2011) A new dawn for the naming of fungi: impacts of decisions made in Melbourne in July 2011 on the future publication and regulation of fungal names. – IMA Fungus 2: 155–162.
- KIRK P.M., STALPERS J.A., BRAUN U., CROUS P.W., HANSEN K., HAWKSWORTH D.L., HYDE K.D., LÜCKING R., LUMBSCH T.H., ROSSMAN A.Y., SEIFERT K.A., STADLER M. (2013): A without-prejudice list of generic names of fungi for protection under the International Code of Nomenclature for algae, fungi, and plants. – IMA Fungus 4: 381–443.
- MCNEILL J., BARRIE F.F., BUCK W.R., DEMOULIN V., GREUTER W., HAWKSWORTH D.L., HERENDEEN P.S., KNAPP S., MARHOLD K., PRADO J., PRUD'HOMME VAN REINE W.F., SMITH G.F., WIERSEMA J., TURLAND N.J., eds. (2012): International Code of Nomenclature for algae, fungi, and plants (Melbourne Code) [Regnum vegetabile no. 154]. – Koeltz Scientific Books, Königstein.
- PAŽOUTOVÁ S., KOLAŘÍK M., ODVODY G.N., FREDERICKSON D.E., OLŠOVSKÁ J., MAN P. (2008): A new species complex including *Claviceps fusiformis* and *Claviceps hirtella*. – Fungal Diversity 31: 95–110.
- PAŽOUTOVÁ S., PEŠICOVÁ K., CHUDÍČKOVÁ M., ŠRŮTKA P., KOLAŘÍK M. (2015): Delimitation of cryptic species inside *Claviceps purpurea*. – Fungal Biology 119: 7–26.
- ROSSMAN A.Y. (2014): Lessons learned from moving to one scientific name for fungi. – IMA Fungus 5: 81–89.