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DIAGNOSES LATINAE OF THE NEW SUBSECTIONS OF THE SUBGENUS *AGARICUS*

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Eighteen subsections are created and used in years 1990 and 1995 (BOHUS 1990, 1995), but only with *nomina nuda*, in papers.

Key words: *Agaricus*, subgenus, *diagnoses latinae*

The first results on *Agaricus* research were published in 1961 (BOHUS 1961). A considerable number of the species occurring in various areas of Europe were also found here in the Carpathian Basin during the 40 years after that, with fifteen taxa new to science, described by the author, and further 3 taxa published together with other authors. All of these taxa are accepted even today. Names and descriptions of subsections, recorded continually for species groups, were summarised and completed in 1990 (BOHUS 1990) and 1995 (BOHUS 1995).

The diagnoses are in systematical order.

RUBESCENTES

I. sectio. Bitorques (Kühn. et Romagn.) Bon et Capp.
Bitorques subsectio Heinem.

1. *Gennadii subsectio nova*
Volva adest, annulus deest.
2. *Bispori ss. str. subsectio nova*
Annulus saltem peronatus. Velum universale adest in statu juvenili. Habitatio: ad stercus et ad terram stercorariam.

II. sectio. Agaricus ss. Bon

3. *Campestres ss. str. subsectio nova*
Acies lamellae fertilis (sine cheilocystidiis). Lamellae saepe vivide roseae. Annulus parvus et ±tenuis. Habitus parvus vel mediocris.
4. *Vaporarii subsectio nova*
Acies lamellae sterilis (cum cheilocystidiis). Stipes cum residuis veli universalis. Habitus medioacris vel magnus.

III. sectio. Sanguinolenti (Moell. et J. Schff.) Sing.

5. *Silvatici subsectio nova*
   Stipes bulbosus. Sporae parvae (plerumque usque ad 6.5 µm). Pileus fibrillosus-squamulosus-squamosus). (exceptio: *A. benesii*).
6. *Altipedes subsectio nova*
   Caro magis subrubescens. Stipes cylindraceus, paulum clavatus (non bulbosus). Pileus levis vel subtiliter fibrillosus-squamulosus.
7. *Fusco-fibrillosi subsectio nova*
   Stipes plerumque non bulbosus. Sporae majores: usque ad 7.5 µm. Stipes fibrillosus-squamosus-floccosus.
8. *Langei subsectio nova*
   Stipes plerumque non bulbosus. Sporae relative magnae: 7–10 µm. Pileus fibrillosus-squamosus vel fere levis.

FLAVESCENTES

IV. sectio. Minores Fr.

9. *Comtuli subsectio nova*
   Habitatio: in locis graminosis et ad margines graminosae silvarum. Lamellae roseae in statu juvenili. (exceptio: *A. lutosus*).
10. *Semoti subsectio nova*
    Habitatio: in silvis. Lamellae non roseae. (exceptio: *A. rusiophyllus*).

V. sectio. Arvenses Konr. et Maubl.

11. *Macrospori subsectio nova*
    Sporae relative magnae: 10–14 µm longae. Habitatio: extra silvas. (exceptio: *A. albertii* Bon var. *excellens*). Caro moderate rubescens vel ferruginascens.
12. *Silvicola subsectio nova*
    Stipes bulbosus. Habitatio: in silvis. Similes: *A. amanitaeformis*, *A. arvensis* var. *macrolepis*, *A. arvensis* var. *umbrelloideus* in subsectione Arvenses.
13. *Aestivales subsectio nova*
    Stipes cylindraceus (non bulbosus). Habitatio: in silvis et in nemoribus.
14. *Arvenses (ss. str.) subsectio nova*
    Habitus magis procerus. Stipes not bulbosus (exceptiones: *A. amanitaeformis*, *A. arvensis* var. *macrolepis*, *A. arvensis* var. *umbrelloideus*. Habitatio: in locis graminosis apricis, in hortis, et ad margines silvarum.

15. *Spissicaules subsectio nova (non Heinem., Bon)*
Stipes magis curtus et crassus. Caro parum rubescens. Habitatio: extra silvas. *Augusti* Kühn. et Romagn.

VI. sectio. Xanthodermatei Sing.

16. *Pseudopratenses subsectio nova*
Habitus similis ad *A. campestrem* vel *A. bisporum.*

17. *Xanthoderma subsectio nova*
Habitus similis ad *A. silvicolae* vel *A. essettii*. Stipes plerumque bulbosus. Sporae relative angusti: –3.4 µm. (exceptiones: *A. pseudocretaceus* et *A. xanthoderma* var. *griseus*: 4–4.5 µm.

18. *Pilatiani subsectio nova*
Habitus similis ad *A. bitorquis* vel ad *A. haemorrhoidarium.*

VII. sectio. Magici Bas et Heinem.

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