

Poaceae type specimens of Herbarium Carpato-Pannonicum  
in Budapest II. (Calamagrostis – Sesleria)

By

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**Abstract:** This paper is a continuation of the discussion of the type specimens of Poaceae - from the genera of *Calamagrostis*, *Aira*, *Avena* (*Avenastrum*), *Sesleria* - deposited in the Herbarium Carpato-Pannonicum of the Botanical Department, Hungarian Natural History Museum in Budapest and in addition of the types kept in Herbarium Kitaibelianum, the most valuable part of the Herbarium Carpato-Pannonicum.

In this paper I continue to discuss the type specimens of Poaceae (KOVÁTS 1982), the genera of *Calamagrostis*, *Aira*, *Avena* (*Avenastrum*), *Sesleria*, according to ENGLER's system and DAL-  
LA TORRE and HARMS' (1900-1907) number.

The herbaria of the Hungarian Natural History Museum (BP) are the most outstanding and complete ones in Hungary and significant even all over Europe (SZUJKÓ-LACZA 1973). One of the collection is the "Herbarium Carpato-Pannonicum", containing the phanerogam flora of the Carpathian Basin, Great Hungarian Plain and the Carpathians (FEKETE & KOVÁTS 1974). Part of the herbarium - among others - is the "Herbarium Kitaibelianum", which has great scientific and historical value. Here the type specimens of P. KITAIBEL, the "Hungarian Linné" are to be found (JÁVORKA 1926, 1936, 1957).

Another large collection is the "Herbarium Generale", containing the phanerogam flora of the whole world. Here can be found a lot of type specimens, too, most of them described by Hungarian botanists especially from the Balkan Peninsula in the last century or at the beginning of this century, for example a lot of *Sesleria* types described by N. FRIVALDSZKY, S. JÁVORKA and J. UJHELYI.

The present paper deals with the types of 22 described taxa, of these 4 are P. KITAIBEL's types, while the others were described by J. HEUFFEL (3), F. SCHUR (9), V. BORBÁS (1), V. JANKA (1), L. SIMONKAI (1), A. WAISBECKER (1), S. JÁVORKA (1), J. UJHELYI (1).

There are some *Avena* (*Avenastrum*) and *Sesleria* species, described by KITAIBEL in literature, which are lacking in the Herbarium Kitaibelianum in Budapest (BP) (JÁVORKA 1926, 24: 506-509; 1936, 30: 50): *Avena* (*Avenastrum*) *carpatica* Kit., *A. ciliaris* Kit. "adest in herb Willdenowii", *A. fusca* Kit., *A. rupestris* Kit. "in herb. Willdenowii", *A. scabra* Kit., *Sesleria albicans* Kit., *S. interrupta* Kit.

On the other hand there are 3 *Avena* (*Avenastrum*) taxa in KITAIBEL's herbarium whose descriptions unfortunately have not been found until now. These species are the following: *A. depauperate* (mihl) Kit., *A. latifolia* (mihl) Kit., *A. pilosa* Kit. The last two species appear in KITAIBEL's work (ed. KANITZ 1863, 32: 309-310) but without descriptions.

According to DEGEN (1910) the largest part of the SCHUR Herbarium is in Paris (P) and the other parts of it (GOMBOCZ 1936) have been placed in Vienna (WU), Lwow (Lemberg LW), Stockholm (S-PA) and Japan. SCHUR has sold parts of his herbarium (DEGEN 1910, GOMBÓCZ 1936)

so among our HAYNALD Herbarium (KANITZ 1884) and PAX Herbarium there are many SCHUR materials, some of them have originated from their respective locus classicus (in the same months as those mentioned in the original description), so it seems to me that they are isotypes.

SIMONKAI has sold his herbarium to the Botanical Department of National Museum (today Natural History Museum BP) in his life (DEGEN 1910) so his types are most probably here in Budapest. The other authors' (collectors') types - listed in this paper - can be found in Budapest (Index Herbariorum 1954, 1957), several of them had worked for the Natural History Museum (BP).

In the list the genera of Poaceae follow the order of Herbarium, according to ENGLER's system and DALLA TORRE and HARMS' number (1900-1907), and within this the species appear in alphabetical order, or they are according to the taxonomical rank. The names are followed by the date of description, the kind of type, literature (Lit.) containing the first description of the plant, eventual synonyms (Syn.), the data of the label (or labels), the name of the collector (Leg.), and that of the identifier (Det.), eventual revision (Revid.), chromosome data (Cytol. data), the collecting locality of the type specimen (Locus classicus) based on either the label or on the literature, insofar as data referring to the habitat could be discovered.

Herbarial labels of the sheets contain diverse information. In some cases only locality or habitat data, collection date and the name of the collector can be found, in other cases a concise morphological description of the species also appears. If the type specimen is deposited in the Herbarium Kitaibelianum, its serial fascicle numbers are given, if it is in the general collection, the number of DALLA TORRE and HARMS (1900-1907) and the inventory number are presented.

Finally the number of specimens and culms present on the type sheet, the life form of the plant according to RANKIAER's classification (SOÓ 1973) and the phenophases of the type (Phen.) according to SZUJKÓ-LACZA & FEKETE (1973) are given.

Calamagrostis bihariensis Simk. 1886

Lectotypus. - Lit.: SIMONKAI, L. (1886, p. 566, 1886, 10: 179-184). - Syn.: C. epigeios x varia in JÁVORKA (1925, I.p.766) in SOÓ (1973, V.p.406). - Leg. et det.: SIMONKAI, L.: "Rudimento secundis floris nullo a sectione Degentia paleis angustis longis acuminatis a C. arundinaceo (L.) et C. varia Simk. pilis glumellas superantibus et arista longitudine pilorum solum e paleis non egrediente a C. acutiflora DC., arista e basi C. glumellae egrediente lentis que geniculata a sectione Epigeios diversa. Nota ad Calamagrostis Bihariensis". 6.VIII.1882. - Locus classicus and habit.: "in monte Ordencusa ad pagum Szkerisora, montium calc Bihariensium asperis sociis C. varia et C. epigeios" (Rumania).

DALLA TORRE and HARMS number: 247, inventory number: 5633, collector's number: 41 "Flora hungarica: ex herbario L. SIMONKAI. - On the sheet there is 1 specimen, 1 culm with spike and one capsule with spikelets, life form: H. - Phen.: 24, 33, 42.

Aira caespitosa L. var. compacta Waisb. 1905

Lectotypus. - Lit.: WAISBECKER, A. (1905, 4: 54-78). - Syn.: Deschampsia caespitosa (L.) P.B. p.p. in SOÓ (1973, V.p. 372). - Leg. et det.: WAISBECKER, A. 11.VII.1892. - Locus classicus: "erdei (alsó erdő) vágás nedves rétjén Kőszegen" [on a wet meadow of a glade of wood (lower forest) at Kőszeg] (Hungary). - Habit.: in SOÓ (1973, V.p. 372-374).

DALLA TORRE and HARMS number: 265, inventory number: 6403, collector's number: 127 "Vas megye Flórája". - On the sheet there are 3 specimens, 7 culms with spikes, life form: H. - Phen.: 24, 33, 42.

Aira pallescens (mihi) Kit. 1817

Holotypus. - Lit.: KITAIBEL, P. apud ROEMER, J.J. - SCHULTES, J.A. (1817, II.p. 685). - Syn.: Aira pensylvanica Spr. = Eatonia pensylvanica (Spr) Gray = Eatonia purpurascens Raf. in JÁVORKA (1926, 24: 466). - Leg. et det.: KITAIBEL, P. - Revid.: JÁVORKA, S.: Koeleria cristata 31.XII.1907. - Locus classicus: ? - In herbar. KITAIBEL 1608 Mus.nat.hung.fasc.VI. No. 121.

On the sheet there are 12 culms with spikes, life form: H. - Phen.: 24, 33, 42.

Aira semineutra (mihi) W. et K. 1809

Holotypus. - Lit.: KITAIBEL, P. in WILLDENOW, D.C.L. (1809, I.p.100). - Syn.: ? - Leg. et det.: KITAIBEL, P.: "ex horto, in quo sem.hung.nata videtur" "pro nova etiam a Willdenow habetur". - Revid.: JANKA, V.: Poa annua; JÁVORKA, S.: Poa trivialis f. semineutra (Kit.) A. et G. - Locus classicus: ? - In herbar. KITAIBEL 696 Mus.nat.hung. fasc. III. No. 86 et 86/a.

On the two sheets there are 7 culms, with 5 spikes, life form: H. - Phen.: 24, 34, 43.

Aira tenera (mihi) Kit. 1814

Holotypus. - Lit.: KITAIBEL, P. in SCHULTES, J.A. (1814, I.p.199). - Syn.: ? - Leg. et det.: KITAIBEL, P. - Revid.: JANKA, V.: Glyceria aquatica Presl; Catabrosa aquatica (L.) Beauv. in JÁVORKA, S. (1926, 24: 466). - Locus: "e Slavonia" (Yugoslavia). - In herbar. KITAIBEL 1609 Mus.nat.hung.fasc. VI. No. 122.

On the sheet there is 1 specimen, 1 culm with spike, life form: H. - Phen.: 24, 33, 42.

Avena compressa Heuff. 1856

Lectotypus. - Lit.: HEUFFEL, J. (1858, 8: 229). - Syn.: Helictotrichon compressum (Heuff.) Henrard, Avenochloa compressa Holub, Avenastrum compressum Deg., A. australe Hal., in SOÓ (1973, V.p.383); Avenula compressa (Heuff.) W.Sauer & Chmelitschek, in TUTIN et al. (1980, V.p. 213). - Leg. et det.: HEUFFEL, J. My, Jun ? - Locus classicus: "in montanis sub area Verschetz" (Yugoslavia).

DALLA TORRE and HARMS number: 273, inventory number: 2294 "Flora Banatus HEUFFEL Herb. DORNER".

On the sheet there is 1 specimen, with 3 culms and spikes, life form: H. - Phen.: 24, 33, 42.

Avena paradensis (mihi) Kit. 1863

Holotypus. - Lit.: KITAIBEL, P. in KANITZ, A. (1863, 13: 543-544). - Syn.: ? - Leg. et det.: KITAIBEL, P.: "Julio semine maturavit. Descripta in Diario itin 817". - Revid.: JÁVORKA, S.: Danthonia provincialis ex Janka IV. 1917; Danthonia calycina (Vill.) Rchb. in JÁVORKA (1957, p. 145). - Locus classicus: "In graminosis collinis ad Parád" (Hungary). - In Herbar. KITAIBEL Mus.nat.hung.fasc. LVI No. 14.

On the sheet there is 1 specimen with 2 culms and spikes, life form: H. - Phen.: 24, 34, 42.

Avena pubescens L. var. diantha Heuff. 1858

Lectotypus. - Lit.: HEUFFEL, J. (1858, 8: 229). - Syn.: ? - Leg. et det.: HEUFFEL, J. My 1833. - Revid.: SIMONKAI, L.: Avena sesquiteria L. (A. carpatica Host, A. pubescens v. pallida Schur). - Locus: "in arinosis ad Grebenác in Banatu" (Yugoslavia).

DALLA TORRE and HARMS number 273, inventory number: 7172. Ex Herbario Dris HEUFFEL, and Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there are 2 culms with spikes, life form: H. - Phen.: 24, 33, 42.

Sesleria bielzii Schur 1850

Isotypus. - Lit.: SCHUR, F. (1850, 1: 109-110). - Syn.: S. coeruleans var. Borsae Deyl, in UJHELYI (1959, 62: 70). - Leg. et det.: SCHUR, F.: Sesleria rigida Heuff. = S. Bielzii Schur = S. capitata Schur Juli ? - Revid.: JANKA, V.: "Est: Sesleria marginata autore JANKA Szécsény ?"; ? : Sesleria Bielzii Schur. - Cytol. data: 2n: 56, octoploid, in Tutin et al. (1980, V. 176). - Locus classicus: "In alpiibus graminosis Arpasiensibus" (Rumania).

DALLA TORRE and HARMS number: 324, inventory number: 10175 Herbarium Archiepiscopi Dris LUDOVICI HAYNALD; Herbar. Musei Nat. Hungar. Budapest.

On the sheet there are 3 specimens with 3 culms and spikes, life form: H. - Phen.: 24, 34, 42.

Sesleria budensis Borb. 1883

Neotypus the holotype or other kind of types have most probable been lost. - Lit.: BORBÁS, V. (1883, 33: 30 pro var. S. coeruleae). - Syn.: S. sadleriana Janka, S. calcaria ssp. sadleriana Dom., in SOÓ (1973, V.p.340); S. sadleriana Janka, in TUTIN et al.(1980, V.p.175). - Leg. et det.: BORBÁS, V. 9. V. 1899. - Locus: "Zugliget Budae" (Hungary).

DALLA TORRE and HARMS number: 324, inventory number: 491202 Dejtéri Dr. BORBÁS V. Herbarium, Herbarium Reg. Scient.Univ.Hung. Budapest.

On the sheet there are 3 specimens, 5 culms with spikes, life form: H. - Phen.: 24, 33, 42.

Sesleria caerulea Ard. var. elongata Schur 1856

Isotypus. - Lit.: SCHUR, F. (1856, 6: 198). - Syn.: p.p. S. uliginosa Opiz, in TUTIN et al. (1980, V.p.176). - Leg. et det.: SCHUR, F. Mai ? - Revid.: DEYL, M.: S. heuffleriana Schur. - Locus: "in sylvaticis lapidosis calcareis Transs." (Rumania).

DALLA TORRE and HARMS number: 324, inventory number: 10712 Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there are 2 specimens, 2 culms with spikes, life form: H. - Phen.: 24, 34, 42.

Sesleria caerulea Ard. var. serotina latifolia Schur 1856

Isotypus. - Syn.: p.p. S. uliginosa Opiz, in TUTIN et al. (1980, V.p.176). - Leg. et det.: SCHUR, F. Juli ? - Revid.: UJHELYI, J.: Sesleria varia (Jacq.) Wettst. "certe non e loco citato". - Locus: "in pratis uliginosis Transsilv. prop. Coronam" (Rumania).

DALLA TORRE and HARMS number: 324, inventory number: 491231 Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there is 1 specimen, 1 culm with spike, life form: H. - Phen.: 24, 33, 42.

Sesleria haynaldiana Schur var. pseudo-rigida Schur 1856

Isotypus. - Lit.: SCHUR, F. (1856, 6: 209). - Syn.: p.p. S. rigida Heuff., in TUTIN et al. (1980, V.p.176). - Leg. et det.: SCHUR, F. Juli, Aug. ? - Revid.: DEYL, M.: Sesleria rigida Heuff. - Locus classicus: "in montibus calcareis prope Coroneana Butsets" (Rumania).

DALLA TORRE and HARMS number: 324, inventory number: 10842 Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there are 2 specimens, 2 culms with spikes, life form: H. - Phen.: 24, 33, 42.

Sesleria haynaldiana Schur var. pumila praecox Schur 1856

Isotypus. - Lit.: SCHUR, F. (1856, 6: 208). - Syn.: p.p. S. rigida Heuff., in TUTIN et al. (1980, V.p.176). - Leg. et det.: SCHUR, F. April ? - Revid.: DEYL, M.: S. rigida Heuff. - Locus classicus: "in montibus calcareis prope Coroneana" (Rumania).

DALLA TORRE and HARMS number: 324, inventory number: 10811 Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there are 4 specimens, 7 culms with spikes, life form: H. - Phen.: 24, 33, 42.

Sesleria haynaldiana Schur var. rigidior Schur 1856

Isotypus. - Lit.: SCHUR, F. (1856, 6: 209). - Syn.: p.p. S. rigida Heuff., in TUTIN et al. (1980, V.p.176). - Leg. et det.: SCHUR, F. April ? - Revid.: DEYL, M.: Sesleria rigida Heuff., N. ? : S. rigida Heuff. - Locus: "in rupibus calcareis Transsilv. prope Coroneana."

DALLA TORRE and HARMS number: 324, inventory number: 10812 Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there are 2 specimens, 2 culms with spikes, life form: H.- Phen.: 24, 33, 42.

Sesleria heuffleriana Schur 1856

Isotypus. - Lit.: SCHUR, F. (1856, 6: 205). - Syn.: Sesleria barcensis Schur; S.trans-

silvanica Schur; S. hungarica UJHELYI, in SOÓ (1973, V.p. 339). - Leg. et det.: SCHUR, F.: "forma genuina". - Cytol data: 2n = 28, tetraploid, in SOÓ (1973, V.p.339). - Locus classicus: "in locis lapidosis prope pagum Talmats" (Rumania).

DALLA TORRE and HARMS number: 324, inventory number: 10710 Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there are 3 specimens, 3 culms with spikes, life form: H. - Phen.: 24, 34, 42.

Sesleria heufferiana Schur var. elongata Schur 1856

Isotypus. - Lit.: SCHUR, F. (1856, 6: 204). - Syn.: Sesleria barcensis Schur, S. transsilvanica Schur, S. hungarica Ujhelyi, in SOÓ (1973, V.p.339). - Leg. et det.: SCHUR, F. Mai ? - Revid.: Deyl, M.: S. heufferiana Schur. - Locus classicus: "in montibus sterilibus Transsilv. prope Talmats" (Rumania).

DALLA TORRE and HARMS number: 324, inventory number: 10711 Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there are 2 specimens, 2 culms with spikes, life form: H.- Phen.: 24, 34, 42.

Sesleria hungarica Ujhelyi 1959

Holotypus. - Lit.: UJHELYI, J. (1959, 62: 65-66). - Syn.: Sesleria heufferiana Schur pro parte in litt., in UJHELYI (1959, 62: 65); S. heufferiana Schur subsp. hungarica (Ujh.) Deyl, in TUTIN et al. (1980, V.p.175). - Leg. et det.: BUDAI, J.: Sesleria Heufferiana Schur, 25. IV. 1909.- Revid.: UJHELYI, J.: "Holotypus, Sesleria hungarica Ujhelyi, 20.XI.1958.- Cytol. data: 2n = 56, octoploid, in UJHELYI (1959, 62: 69). - Locus classicus: "Alsó-Hámor, Fehérkőlápa, Borsod megye" (com.Borsod, Hungary) "Planta endemica montium Bükk Hungariae", in UJHELYI (l.c.). - Habit.: in UJHELYI (l.c.).

DALLA TORRE and HARMS number: 324, inventory number: 10642, collector's number: 138, Herbarium Musei Nat. Hungar. Budapest, Flora Hungarica.

On the sheet there are 4 specimens, 6 culms with spikes, life form: H.- Phen.: 24, 33, 42.

Sesleria kalnikensis Jáv. 1911

Isotypus the holotype or other kind of types have most probably been lost. - Lit.: JÁVORKA, S. (1911, 10: 311-314). - Syn.: Sesleria juncifolia Schlosser et Vukotinovic, in JÁVORKA (1911, 10: 311-314); S. tenuifolia Schrad ssp. kalnikensis Jáv., in JÁVORKA (1925, l.p. 83) and in TUTIN et al. (1980, V.p.175); S. kalnikensis var. calcaroides Deyl and S. tenuifolia ssp. kalnikensis (Jáv.) Ujh., in UJHELYI (1959, 62: 70). - Leg.: KÜMMERLE, J.B. 23. IV. 1911. - Det.: JÁVORKA, S.: Sesleria kalnikensis Jáv. n.sp. vel.ssp. - Revid.: DEYL, M.: Sesleria kalnikensis Jáv. Typus. - Cytol. data: 2n = 56, octoploid, in TUTIN et al. (1980, V.p.175). - Locus classicus: "comit Belovár Croatiae: in rup. calc. montis Kalnik abunde altit. 600 m. s.m." (Yugoslavia).

DALLA TORRE and HARMS number: 324, inventory number: 491229 Herbar. Musei Nat. Hungar. Budapest Flora Hungarica Duplicata.

On the sheet there are 3 specimens, 7 culms with spikes and a copy of Ujhelyi's photo from leaf epidermis, life form: H.- Phen.: 24, 32, 42.

Sesleria rigida (mh.) Heuffel 1831

Holotypus. - Lit.: HEUFFEL, J., in REICHENBACH, L. (1830-32, p.1403). - HEUFFEL, J. (1833, 16: 366). - Syn.: S. juncifolia Rochel, S. coerulea var. rigida Griseb., S. filifolia Griseb., S. gracilis Schur, S. Haynaldiana Schur, in SCHUR (1856, 6: 207); S. filifolia Hoppe, S. haynaldiana Schur, in TUTIN et al. (1980, V.p.176). - Leg. et det.: HEUFFEL, J.: Apr. Mai 1831.- Revid.: DEYL, M.: S. rigida Heuff. "an typi, oder mindestens autenthisches exemplar" "Typus". - Locus classicus: "In herbis montis Domogled versus apicem ejus mox post nivem solutas" (Rumania).

DALLA TORRE and HARMS number: 324, inventory number: 10762 Ex Herbario Dris J. HEUFFEL, Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there are 2 specimens, only the smaller one is the type with 1 culm and 1

spike, the other specimen was collected later by Borbás, life form: H. - Phen.: 24, 33, 42.

Sesleria sadleriana Janka 1884

Lectotypus. - Lit.: JANKA, V. (1884, 8: 28-29); S. sadleriana Janka nom nudum in JANKA, V. (1882, 22: 309). - Syn.: S. coerulea Sadl., S. Heuffleriana Janka, in JANKA (1884, 8: 28-29); S. coerulea var. Budensis Borb., S. Budensis Borb., in ASCHERSON & GRAEBNER (1900, II.p.320); S. budensis Borb. em. Jávorka, in JÁVORKA (1925, I.p.84); S. tatorum Domin, in UJHELYI (1959, 62: 70); S. budensis Ascherson-Graebner, in TUTIN et al. (1980, V.p. 175). - Leg. et det.: JANKA, V. IV. 1884. "Sesleria Sadleriana Janka S. Heuffleriana aus fl. hung". - Revid.: DEYL, M.: S. budensis Borb. - Cytol. data: 2n = 56, octoploid, in UJHELYI (1948, 18: 52-58). - Locus: "In m. Sashegy pr. Budam Hungaria" (Hungary).

DALLA TORRE and HARMS number: 324, inventory number: 90128 Herb. Reg. Scient.Univ. Hung. Budapest, Herb. Musei Nat. Hungar. Budapest.

On the sheet there are 2 specimens, 5 culms with spikes (one of them is separated), life form: H. - Phen.: 24, 33, 42.

Sesleria transsilvanica Schur 1856

Isotypus. - Lit.: SCHUR, F. (1856, 6: 205-207). - Syn.: S. Heuffleriana Schur, S. bar-censis Schur, in SOÓ (1973, V.p.339). - Leg. et det.: SCHUR, F. Mai ? - Revid.: DEYL, M.: S. Heuffleriana. - Locus classicus: "in petrosis montium calcareanum Transsilv. p. Coronam".

DALLA TORRE and HARMS number: 324, inventory number: 10701 Herbarium Archiepiscopi Dris LUDOVICI HAYNALD.

On the sheet there is 1 specimen, 1 culm with spike, life form: H. - Phen.: 24, 34, 42.

The types of Poaceae taxa of the Herbarium Carpato-Pannonicum, listed in this paper in taxonomical and alphabetical order, are distributed among the following authors:

BORBÁS' type: Sesleria budensis.

HEUFFEL' s types: Avena compressa; Avena pubescens L. var. diantha; Sesleria rigida.

JANKA' s type: Sesleria sadleriana.

JÁVORKA' s types: Avenastrum adsurgens; Sesleria kalnikensis.

KITAIBEL' s types: Avena paradensis; Aira pallescens; Aira semineutra; Aira tenera.

SCHUR' s types: Sesleria bielzii; Sesleria caerulea Ard. var. elongata; Sesleria caerulea Ard. var. serotina; Sesleria haynaldiana Schur var. pseudo-rigida; Sesleria haynaldiana Schur var. pumila praecox; Sesleria haynaldiana Schur var. rigidior; Sesleria heuffleriana; Sesleria heuffleriana Schur var. elongata; Sesleria transsilvanica.

SIMONKAI' s type: Calamagrostis bihariensis.

UJHELYI' s type: Sesleria hungarica.

WAISBECKER' s type: Aira caespitosa L. var. compacta.

The types of Poaceae taxa of the Herbarium Carpato-Pannonicum listed in this paper, in chronological order are as follows: 1809: Aira semineutra W. et K.; 1814: Aira tenera Kit.; 1817: Aira pallescens Kit.; 1831: Sesleria rigida Heuff.; 1850: Sesleria bielzii Schur; 1856: Sesleria caerulea Ard. var. elongata Schur and Sesleria caerulea Ard. var. serotina Schur, Sesleria haynaldiana Schur var. pseudorigida Schur, Sesleria haynaldiana Schur var. pumila praecox Schur, Sesleria haynaldiana Schur var. rigidior Schur, Sesleria heuffleriana Schur, Sesleria heuffleriana Schur var. elongata Schur, Sesleria transsilvanica Schur; 1858: Avena compressa Heuff., Avena pubescens L. var. diantha Heuff.; 1863: Avena paradensis Kit.; 1883: Sesleria budensis Borb.; 1884: Sesleria sadleriana Janka; 1886: Calamagrostis bihariensis Simk.; 1905: Aira caespitosa L. var. compacta Waisb.; 1911: Sesleria kalnikensis Jáv.; 1925: Avenastrum adsurgens (Schur) Jáv.; 1959: Sesleria hungarica Ujh.

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