

## NOTA BREU

New nomenclatural combinations in *Patzkea* (Poaceae)Noves combinacions nomenclaturals a *Patzkea* (Poaceae)

Llorenç Sáez\*\*\* &amp; Pere Aymerich\*\*\*

\* Sistemàtica i Evolució de Plantes Vasculares. Unitat Associada al CSIC. Botànica, Facultat de Biociències. Universitat Autònoma de Barcelona. 08193 Bellaterra. Barcelona. A/e: [gymnesicum@yahoo.es](mailto:gymnesicum@yahoo.es)

\*\* Societat d'Història Natural de les Illes Balears. C/ Margarida Xirgu, 16. 07003 Palma de Mallorca. Illes Balears.

\*\*\* C/ Barcelona, 29. 08600 Berga.

Rebut: 05.12.2020. Acceptat: 10.12.2020. Publicat: 30.12.2020

In this note, new nomenclatural combinations are proposed to accommodate *Festuca paniculata* subsp. *fontqueri* Rivas Ponce & Cebolla and *F. baetica* (Hack.) K. Richt. (and its subspecies) within the genus *Patzkea* G.H. Loos (Loos, 2010).

*Festuca baetica* and *F. paniculata* subsp. *fontqueri* have been accepted (the former at species level) by Devesa *et al.* (2020), who included these taxa within sect. *Subbulbosae* Nyman ex Hack. Taxa included in sect. *Subbulbosae* have been recognised within the genus *Patzkea* by those authors who support a narrow taxonomic concept for *Festuca* L. (Valdés & Scholz, 2009; Greuter & Raus, 2010; Bock, 2011; Blanco Salas *et al.*, 2013; Tison *et al.*, 2014; Pignatti, 2017; Bartolucci *et al.*, 2018).

According to Devesa *et al.* (2020), *F. baetica* is endemic to southern and southeastern Spain and northern Morocco. This taxon includes two subspecies: *F. baetica* subsp. *baetica* from southern Spain and northern Morocco and *F. baetica* subsp. *moleri* (Cebolla & Rivas Ponce) Cebolla & Rivas Ponce, endemic to southeastern Spain.

*Festuca paniculata* subsp. *fontqueri* is endemic to northern Spain (Pyrenees and the Cantabrian mountains) and southern France (Atlantic Pyrenees) (Tison *et al.*, 2014; Devesa *et al.*, 2020). Some authors (Tison *et al.*, 2014; Llamas *et al.*, 2002; Valdés & Scholz, 2010) accepted this taxon at subspecies level, within *Patzkea durandoi* (Clauson) G.H. Loos [= *F. durandoi* Clauson], which is (in strict sense) endemic to North Africa (Valdés & Scholz, 2009; Devesa *et al.*, 2020).

Following a narrow taxonomic concept for *Festuca*, the inclusion of *Festuca baetica* and *F. paniculata* subsp. *fontqueri* under *Patzkea* is here formally proposed:

**New nomenclatural combinations:**

*Patzkea baetica* (Hack.) L. Sáez & Aymerich, **comb. nov.**

**Basionym:**

*Festuca spadicea* var. *baetica* Hack., Monogr. Festuc. Eur.: 167 (1882)

= *Festuca paniculata* subsp. *baetica* (Hack.) Emb. & Maire,

Cat. Pl. Maroc 4: 940 (1941); = *Patzkea paniculata* subsp. *baetica* (Hack.) H. Scholz in Willdenowia 40: 200 (2010)

*Patzkea baetica* subsp. *moleri* (Cebolla & Rivas Ponce) L. Sáez & Aymerich, **comb. nov.**

**Basionym:**

*Festuca paniculata* var. *moleri* Cebolla & Rivas Ponce in Lagasalia 15 (Extra): 408 (1988)

= *Festuca baetica* subsp. *moleri* (Cebolla & Rivas Ponce) Cebolla & Rivas Ponce in Lagasalia 15: 163 (1990)

*Patzkea paniculata* subsp. *fontqueri* (Rivas Ponce & Cebolla) L. Sáez & Aymerich, **comb. nov.**

**Basionym:**

*Festuca paniculata* subsp. *fontqueri* Rivas Ponce & Cebolla in Fontqueria 21: 21 (1988)

= *Festuca durandoi* subsp. *fontqueri* (Rivas Ponce & Cebolla) Llamas, Acedo, Penas & Pérez Morales in Lagasalia 22: 125 (2002); = *Patzkea durandoi* subsp. *fontqueri* (Rivas Ponce & Cebolla) H. Scholz in Willdenowia 40: 200 (2010)

**References**

- BLANCO SALAS, J., VÁZQUEZ PARDO, F. M., GARCÍA ALONSO, D. & MÁRQUEZ GARCÍA, F. 2013. Las gramíneas de las dehesas de Extremadura. 6º Congreso Forestal Español. Sociedad Española de Ciencias Forestales. Vitoria-Gasteiz: 1-10.
- BARTOLUCCI, F., PERUZZI, L., GALASSO, G., ALBANO, A., ALESSANDRINI, A., ARDENGHI, N. M. G., ASTUTI, G., BACCHETTA, G., BALLELLI, S., BANFI, E., BARBERIS, G., BERNARDO, L., BOUVET, D., BOVIO, M., CECCHI, L., DI PIETRO, R., DOMINA, G., FASCETTI, S., FENU, G., FESTI, F., FOGGI, B., GALLO, L., GOTTSCHLICH, G., GUBELLINI, L., IAMONICO, D., IBERITE, M., JIMÉNEZ-MEJÍAS, P., LATTANZI, E., MARCHETTI, D., MARTINETTO, E., MASIN, R. R., MEDAGLI, P., PASSALACQUA, N. G., PECCENINI, S., PENNESI, R., PIERINI, B., POLDINI, L., PROSSER, F., RAI-

## NOTA BREU

- MONDO, F.M., ROMA-MARZIO, F., ROSATI, L., SANTANGELO, A., SCOPPOLA, A., SCORTEGAGNA, S., SELVAGGI, A., SELVI, F., SOLDANO, A., STINCA, A., WAGENSOMMER, R. P., WILHALM, T. & CONTI, F. 2018. An updated checklist of the vascular flora native to Italy. *Plant Biosystems*, 152: 179-303.
- BOCK, B., 2011 Révisions nomenclaturales et taxonomiques (note n°1). *Bulletin Société Botanique du Centre-Ouest (nouv. sér.)*, 42: 263-278.
- DEVESA, J. A., MARTÍNEZ, SEGARRA, G., LÓPEZ NIETO, E., MUÑOZ RODRÍGUEZ, A., CEBOLLA, C., ORTÚÑEZ, E. 2020. *Festuca* L. P. 200-373. In: Devesa, J.A., Romero Zarco, C., Buirra, A., Quintanar, A., Aedo, C. (eds.). *Flora iberica XIX(I) Gramineae (partim)*. Real Jardín Botánico-CSIC. Madrid.
- GREUTER, W. & RAUS, Th. 2010. Med-Checklist Notulae, 29. *Willdenowia*, 40: 189-204.
- LLAMAS, F., ACEDO, C., PENAS, A. & PÉREZ MORALES, C. 2002. Una nueva subespecie de *Festuca paniculata* en la Cordillera Cantábrica. *Lagasalia*, 22: 119-129.
- LOOS, G. H. 2010. Taxonomische Neukombinationen zur Flora Mittel und Osteuropas, insbesondere Nordrhein-Westfalens. *Jahrbuch des Bochumer Botanischen Vereins*, 1: 114-133.
- PIGNATTI, S. 2017. *Flora d'Italia*, ed. 2. . Vol. 1. Edagricole, Milano. 1064 p.
- TISON, J. M. & FOCAULT, B. 2014 (coords.). *Flore Gallica. Flore de France*. Biotope, Mèze. 1195 p.
- VALDÉS, B. & SCHOLZ, H., with contributions from Raab-Straube, E. von & Parolly, G. 2009. Poaceae (pro parte majore). *Euro+Med Plantbase, the information resource for Euro-Mediterranean plant diversity*. <https://www.emplantbase.org/> [accessed: 5 December 2020]