

## NAMES OF *BACIDIA* S. L. IN CURRENT USE FOR FOLIICOLOUS LICHENS – AN ANNOTATED NOMENCLATURAL STUDY

E. FARKAS

*Institute of Ecology and Botany, Centre for Ecological Research  
Hungarian Academy of Sciences, H-2163 Vácrátót, Alkotmány u. 2–4, Hungary  
E-mail: farkas.edit@okologia.mta.hu*

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The checklist contains 134 names in current use for taxa of former *Bacidia* s. l. and 91 synonyms or invalid names. Place of description or new combination, basionym, synonyms, type, distribution is given for species. Type species, substrate, number of foliicolous species, systematic position, distribution is given for genera. Data are edited similarly with the online checklist on foliicolous lichens last updated by Lücking and his co-authors in 2000. The list contains the following 7 new combinations: *Bacidina cinnamomea* (Kremp.) Farkas, *Bacidina clauzadei* (Sérus. et Lambinon) Farkas, *Brasilicia foliicola* (Vězda) Farkas, *Brasilicia ituriensis* (Vězda) Farkas, *Brasilicia olivaceorufa* (Vain.) Farkas, *Brasilicia subsimilis* (Vězda) Farkas, *Szczawinskia permira* (Vězda) Farkas. The genus *Bacidia* De Not. is excluded from the checklist of foliicolous lichens, as all of its former foliicolous species are now belonging to other genera. Current names are in the following 12 genera: *Bacidina*, *Badimia*, *Badimiella*, *Baflavia*, *Bapalmuia*, *Barubria*, *Brasilicia*, *Eugeniella*, *Fellhanera*, *Fellhaneropsis*, *Scoliciosporum* and *Szczawinskia*.

Key words: Ascomycota, bacidioid taxa, lichen-forming fungi, new combinations, on leaves, synonyms

### INTRODUCTION

The taxonomic and phylogenetic study of the genus *Bacidia* De. Not. and related taxa have been studied in various details (e.g. Ekman 1996, 2001), still several questions remained to clear for future lichenologists. In the monograph of foliicolous lichens (Santesson 1952) 33 species were mentioned to belong to the genus *Bacidia*. Future works by Vězda and others resulted in the description of several new *Bacidia* species, but also new genera and new combina-

tions of former *Bacidia* species (e.g. Vězda 1974, 1975a, b, 1980, 1986). Over 200 species were mentioned as *Bacidia* during the last decades, which represent a large group in a wider taxonomic sense – *Bacidia* s. l. Most of these taxa were treated in former larger works (Lücking 2008, Lücking and Martínez Colín 2004, Lücking *et al.* 2000, Sérusiaux 1993) and in several scattered studies (e.g. Lücking 1998, Lücking *et al.* 2001). Only a few species remained which needed further nomenclatural treatment. Based on extended literature studies and microscopic anatomical and morphological investigations of herbarium material mostly of PRA-V and VBI, the necessary decisions were possible to make in case of 7 species where new combinations are published below: *Bacidina cinnamomea* (Kremp.) Farkas, *Bacidina clauzadei* (Sérus. et Lambinon) Farkas, *Brasilicia foliicola* (Vězda) Farkas, *Brasilicia ituriensis* (Vězda) Farkas, *Brasilicia olivaceorufa* (Vain.) Farkas, *Brasilicia subsimilis* (Vězda) Farkas, *Szczawinskia permira* (Vězda) Farkas. Though the taxonomic position of a few species (e.g. *Brasilicia olivaceorufa* (Vain.) Farkas, *Fellhanera albidocincta* (Vain.) Lücking) might change in future, if further herbarium specimens will be available for study, or in other cases the transitional character sets would be evaluated in a different way, still it seems to be justifiable that these taxa cannot belong to *Bacidia* De Not. Therefore, as a result of this current study, no foliicolous species remained in this genus. The taxonomic position and nomenclature of taxa is changing with new results achieved by their research. New methods are developed from time to time and our knowledge must be updated accordingly. However, the synthesis of former results helps further research, especially in tropical areas where foliicolous lichens have a major role in biodiversity and bioindication studies. Foliiicolous lichens of the palaeotropics are much less known, than the neotropics therefore this study might encourage the work of local researchers there too. The nomenclatural compilation below follows the structure of the online checklist of foliicolous lichens (Lücking *et al.* 2000). For herbarium acronyms see Index Herbariorum online (Thiers 2013). Annotations represent the place of description, combination, type, synonymy and distribution. Systematic position is given mostly according to Lumbsch and Huhndorf (2010). The checklist contains 134 names in current use for taxa of former *Bacidia* s. l. and 91 synonyms or invalid names. Altogether 225 names are treated. Current names are in the following 12 genera: *Bacidina*, *Badimia*, *Badimiella*, *Baflavia*, *Bapalmuia*, *Barubria*, *Brasilicia*, *Eugeniella*, *Fellhanera*, *Fellhaneropsis*, *Scoliciosporum* and *Szczawinskia*.

The genus *Bacidia* De Not. is excluded from the checklist of foliicolous lichens, as all of its former foliicolous species are now belonging to other genera, just as there are no foliicolous species in *Bilimbia* and *Woessia*.

## ANNOTATED LIST OF TAXA

*Bacidia* De Not., Giorn. Bot. Ital. 2: 189 (1846); Ekman, Opera Bot. 127: 60 (1996). – Excluded, no foliicolous species known.

*Bacidia apiahica* (Müll. Arg.) Zahlbr., Catal. Lich. Univ. 4: 174 (1926); Santesson, Symb. Bot. Ups. 12(1): 442 (1952). = *Bacidina apiahica* (Müll. Arg.) Vězda.

*Bacidia africana* Vězda, Folia Geobot. Phytotax., Praha, 10: 415 (1975). = *Fellhanera africana* (Vězda) Lücking.

*Bacidia albidocincta* (Vain.) Zahlbr., Catal. Lich. Univ. 4: 99 (1926); Santesson, Symb. Bot. Ups. 12(1): 469 (1952). = *Fellhanera albidocincta* (Vain.) Lücking.

*Bacidia apiahica* (Müll. Arg.) Zahlbr., Catal. Lich. Univ. 4: 174 (1926); Santesson, Symb. Bot. Ups. 12(1): 442 (1952). = *Bacidina apiahica* (Müll. Arg.) Vězda.

*Bacidia atrichoides* Malme, Arkiv Bot. 27A (5): 12 (1935). – Type: Brazil, Malme 2287: 1b (S, holotype!). = *Eugeniella atrichoides* (Malme) Lücking, Sérus. et Kalb.

*Bacidia aurantiaca* Vězda, Acta Mus. Silesiae, Opava, ser. A, 23: 178 (1974). = *Fellhanera aurantiaca* (Vězda) Vězda.

*Bacidia brasiliensis* (Müll. Arg.) Zahlbr., Catal. Lich. Univ. 4: 183 (1926). = *Brasilicia brasiliensis* (Müll. Arg.) Lücking, Kalb et Sérus.

*Bacidia buxi* Vězda et Vivant, Bull. Soc. Bot. France 119: 256 (1972). – Type: France, Vivant s.n. (hb. Vězda, holotype!; Vězda, Lich. Sel. Exs. 1161, isotypes!). = *Fellhaneropsis myrtillicola* (Erichs.) Sérus. et Coppins, see Sérusiaux, Lichenologist 28: 204 (1996).

*Bacidia carnea* Vězda, Acta Mus. Silesiae, Opava, ser. A, 24: 121 (1975). = *Fellhanera carnea* (Vězda) Vězda.

*Bacidia cateilea* (Vain.) R. Sant., Symb. Bot. Ups. 12(1): 472 (1952). = *Badimia cateilea* (Vain.) Lücking, Lumbsch et Elix.

*Bacidia cinnamomea* (Kremp.) Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 65 (1921); Santesson, Symb. Bot. Ups. 12(1): 451 (1952). = *Bacidina cinnamomea* (Kremp.) Farkas, *comb. nova*.

*Bacidia clauzadei* Sérus. et Lambinon, Bull. Soc. Linn. Provence 45: 351 (1994). = *Bacidina clauzadei* (Sérus. et Lambinon) Farkas, *comb. nova*.

*Bacidia colchica* Vězda, Folia Geobot. Phytotax., Praha, 14(2): 203 (1979) = *Fellhanera colchica* (Vězda) Llop.

*Bacidia consanguinea* (Müll. Arg.) Zahlbr., Catal. Lich. Univ. 4: 188 (1926); Santesson, Symb. Bot. Ups. 12(1): 449 (1952). = *Bapalmuia consanguinea* (Müll. Arg.) Kalb et Lücking.

*Bacidia consimilis* (Müll. Arg.) R. Sant., Symb. Bot. Ups. 12(1): 459 (1952). – Bas.: *Calenia consimilis* Müll. Arg. – Type: Costa Rica, Tonduz 5090 (G, holotype!). – Tax. syn.: non *Bacidia atrichoides* Malme, see Lücking 2008: 775. – Distribution: Tropical America (Costa Rica, Brazil). = ?*Loflammia gabrielis* (Müll. Arg.) Vězda, Folia Geobot. Phytotax., Praha, 21: 216 (1986).

*Bacidia corallifera* Lücking, Herzogia 11: 148 (1995). ≡ *Eugeniella corallifera* (Lücking) Lücking, Sérus. et Kalb.

*Bacidia costaricensis* Lücking, Nova Hedwigia, Beih. 104: 130 (1992); nom. inval., ICBN Art. 32, 36–37. ≡ *Bapalmuia costaricensis* Lücking et Kalb.

*Bacidia depokensis* Zahlbr., Ann. Crypt. Exot. 1: 181 (1928). – Type: Indonesia (Java), Schiffner 3476 (W, holotype, not seen). = *Bacidia olivaceorufa* Vain., see Santesson, Symb. Bot. Ups. 12(1): 452 (1952). ≡ *Brasilicia olivaceorufa* (Vain.) Farkas, *comb. nova*.

*Bacidia dimerelloides* Vězda, Acta Mus. Silesiae, Opava, ser. A, 23: 179 (1974). ≡ *Brasilicia dimerelloides* (Vězda) Farkas.

*Bacidia dimidiata* (Bab. ex Leight.) R. Sant., Symb. Bot. Ups. 12(1): 466 (1952). ≡ *Badimia dimidiata* (Bab. ex Leight.) Vězda.

*Bacidia dominicana* (Vain.) Zahlbr., Catal. Lich. Univ. 4: 110 (1926); Santesson, Symb. Bot. Ups. 12(1): 456 (1952). – Bas.: *Lecidea dominicana* Vain. ≡ *Fellhanera fuscata* (Müll. Arg.) Vězda.

*Bacidia ekmanii* Vězda, Folia Geobot. Phytotax., Praha, 19: 202 (1984). ≡ *Fellhanera ekmanii* (Vězda) Lücking.

*Bacidia elegans* (Vain.) Zahlbr., Catal. Lich. Univ. 4: 110 (1926); Santesson, Symb. Bot. Ups. 12(1): 463 (1952). ≡ *Badimia elegans* (Vain.) Vězda.

*Bacidia foliicola* Vězda, Acta Mus. Silesiae, Opava, ser. A, 23: 180 (1974). ≡ *Brasilicia foliicola* (Vězda) Farkas, *comb. nova*.

*Bacidia fragilis* Vězda, Folia Geobot. Phytotax., Praha, 10(4): 417 (1975) ≡ *Fellhanera fragilis* (Vězda) Lücking et Kalb.

*Bacidia fuscata* (Müll. Arg.) Zahlbr., Catal. Lich. Univ. 4: 112 (1926). ≡ *Fellhanera fuscata* (Müll. Arg.) Vězda.

*Bacidia fuscorubra* Vězda, Acta Mus. Silesiae, Opava, ser. A, 24: 122 (1975). ≡ *Barubria fuscorubra* (Vězda) Vězda.

*Bacidia gabrielis* (Müll. Arg.) Zahlbr., Catal. Lich. Univ. 4: 113 (1926). ≡ *Loflammia gabrielis* (Müll. Arg.) Vězda, Folia Geobot. Phytotax., Praha, 21: 216 (1986).

*Bacidia galbinea* (Kremp.) Zahlbr., Catal. Lich. Univ. 4: 113 (1926); Santesson, Symb. Bot. Ups. 12(1): 462 (1952). ≡ *Badimia galbinea* (Kremp.) Vězda.

*Bacidia gorgonea* Vězda et Poelt in Poelt and Vězda, Herzogia 9: 241 (1992). – Type: Austria, Poelt & Giralt s.n. (GZU, holotype!). = *Fellhaneropsis myrtillicola* (Erchs.) Sérus. et Coppins, see Sérusiaux, Lichenologist 28: 199 (1996).

*Bacidia ituriensis* Vězda, Folia Geobot. Phytotax., Praha, 15: 84 (1980). = ***Brasilicia ituriensis*** (Vězda) Farkas, *comb. nova*.

*Bacidia lambinonii* Sérus., Lejeunia, n.s., 90: 12 (1978). = ***Fellhanera lambinonii*** (Sérus.) Lücking et Sérus.

*Bacidia lecanorina* (Zahlbr.) R. Sant., Symb. Bot. Ups. 12(1): 468 (1952). = ***Badimia lecanorina*** (Zahlbr.) Lücking, Lumbsch et Elix, Bot. Acta 107: 400 (1994).

*Bacidia leptocarpa* Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 65 (1921). – Type: Philippines, Robinson s.n. (TUR, lectotype). = ***Semigyalecta paradoxa*** Vain., see Santesson, Symb. Bot. Ups. 12(1): 412 (1952).

*Bacidia lisowskii* Vězda, Folia Geobot. Phytotax., Praha, 15: 87 (1980). = ***Fellhanera lisowskii*** (Vězda) Vězda.

*Bacidia lutea* Lücking, Nova Hedwigia, Beih. 104: 130 (1992); nom. inval., ICBN Art. 32, 36–37. = ***Bapalmuia palmularis*** (Müll. Arg.) Sérus., see Lücking and Kalb, Bot. Jahrb. Syst. 122: 18 (2000).

*Bacidia malayana* Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 73 (1921). – Type: Philippines, Robinson 17365 (TUR, holotype). = ***Bacidina apiatica*** (Müll. Arg.) Vězda, see Santesson, Symb. Bot. Ups. 12(1): 443 (1952); Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990).

*Bacidia marginalis* (Vain.) R. Sant., Symb. Bot. Ups. 12(1): 445 (1952). = ***Bapalmuia marginalis*** (Vain.) Sérus.

*Bacidia mastothallina* Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 64 (1921); Santesson, Symb. Bot. Ups. 12(1): 451 (1952). = ***Bacidina mastothallina*** (Vain.) Vězda. = ***Fellhanera mastothallina*** (Vain.) Lücking et Sérus.

*Bacidia michaeliana* Sérus., Lejeunia, n.s., 90: 15 (1978). – Type Congo, Lambinon 71/1178 (LG, holotype!). = ***Fellhanera lambinonii*** (Sérus.) Lücking et Sérus., see Sérusiaux, Lichenologist 28: 219 (1996).

*Bacidia microdiscus* (Vain.) Zahlbr., Catal. Lich. Univ. 4: 126 (1926); Vězda, Acta Mus. Silesiae, Opava, ser. A, 26: 31 (1977). = ***Fellhanera microdiscus*** (Vain.) Vězda.

*Bacidia micrommata* (Kremp.) R. Sant., Symb. Bot. Ups. 12(1): 459 (1952). = ***Eugeniella micrommata*** (Kremp.) Lücking, Sérus. et Kalb.

*Bacidia myriocarpa* Erichs., Mitt. Inst. All. Bot. Hamburg 10: 413 (1939). – Type: Germany, Lehr s.n. (HBG, lectotype!). = ***Fellhaneropsis myrtillicola*** (Erichs.) Sérus. et Coppins, see Sérusiaux, Lichenologist 28: 203 (1996).

*Bacidia myriocarpa* Vězda, Acta Mus. Silesiae, Opava, ser. A, 24: 123 (1975); nom. illeg., ICBN Art. 53.1, non *Bacidia myriocarpa* Erichs., see Sérusiaux, Lichenologist 28: 203 (1996). – Type: Guinea, Lisowski 1347 (hb. Vězda, holotype!; OP, UPS, isotypes!). = ***Fellhanera rhapsidophylli*** (Rehm) Vězda, see Vězda, Folia Geobot. Phytotax., Praha, 15: 83 (1980).

*Bacidia "myriospora"* Vězda, Folia Geobot. Phytotax., Praha, 15: 83 (1980). = Orthographic error for *Bacidia myriocarpa* Vězda, nom. illeg.

*Bacidia naevia* Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 66 (1921). ≡ *Fellhanera naevia* (Vain.) Lücking et M. Cáceres.

*Bacidia nigrescens* (Müll. Arg.) Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 66 (1921); Santesson, Symb. Bot. Ups. 12(1): 451 (1952). ≡ *Bapalmuia nigrescens* (Müll. Arg.) Cáceres et Lücking.

*Bacidia olivaceorufa* Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 65 (1921). – Type: Philippines, Robinson s.n. (TUR, holotype, not seen). – Tax. syn.: *Bacidia depokensis* Zahlbr. – Distribution: Tropical Asia ≡ *Brasilicia olivaceorufa* (Vězda) Farkas, *comb. nova*.

*Bacidia pallidocarnea* (Müll. Arg.) Zahlbr., Catal. Lich. Univ. 4: 231 (1926). ≡ *Bacidina pallidocarnea* (Müll. Arg.) Vězda.

*Bacidia pallidula* (Kremp.) Zahlbr., Catal. Lich. Univ. 4: 135 (1926); Santesson, Symb. Bot. Ups. 12(1): 464 (1952). ≡ *Badimia pallidula* (Kremp.) Vězda.

*Bacidia palmularis* (Müll. Arg.) Zahlbr., Catal. Lich. Univ. 4: 231 (1926); Santesson, Symb. Bot. Ups. 12(1): 448 (1952). ≡ *Bapalmuia palmularis* (Müll. Arg.) Sérus.

*Bacidia paradoxa* Vězda, Acta Mus. Silesiae, Opava, ser. A, 23: 183 (1974). ≡ *Fellhanera paradoxa* (Vězda) Vězda.

*Bacidia pauciseptata* R. Sant., Symb. Bot. Ups. 12(1): 476 (1952). ≡ *Fellhanera pauciseptata* (R. Sant.) Lücking.

*Bacidia perminuta* Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 72 (1921). – Type: Philippines, Robinson s.n. (TUR, holotype, not seen). = *Bacidina apiahica* (Müll. Arg.) Vězda, see Santesson, Symb. Bot. Ups. 12(1): 442 (1952); Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990).

*Bacidia perminuta* var. *foliicola* Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 72 (1921). – Type: Philippines, Robinson s.n. (TUR, holotype, not seen). = *Bacidina apiahica* (Müll. Arg.) Vězda, see Santesson, Symb. Bot. Ups. 12(1): 442 (1952); Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990).

*Bacidia permira* Vězda, Folia Geobot. Phytotax., Praha, 10: 419 (1975). ≡ *Uluguria permira* (Vězda) Vězda. ≡ *Szczawinskia permira* (Vězda) Farkas, *comb. nova*.

*Bacidia perparva* Zahlbr., Trans. New Zeal. Inst. 59: 311 (1928). ≡ *Arthonia perparva* (Zahlbr.) Matzer.

*Bacidia polillensis* (Vain.) Zahlbr., Catal. Lich. Univ. 4: 136 (1926); Santesson, Symb. Bot. Ups. 12(1): 465 (1952). ≡ *Badimia polillensis* (Vain.) Vězda.

*Bacidia poliophaea* Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 73 (1921). – Type: Philippines, Robinson s.n. (TUR, holotype, not seen). – Tax. syn.: *Bacidia mastothallina* Vain., see Santesson, Symb. Bot. Ups. 12(1): 451 (1952) ≡ *Fellhanera mastothallina* (Vain.) Lücking et Sérus.

*Bacidia psychotriae* (Müll. Arg.) Zahlbr., Catalogus Lichenum Universalis 4: 137 (1926). ≡ *Eugeniella psychotriae* (Müll. Arg.) Lücking, Sérus. et Kalb.

*Bacidia rhapsidophylli* (Rehm) Zahlbr., Catal. Lich. Univ. 4: 138 (1926); Santesson, Symb. Bot. Ups. 12(1): 457 (1952). ≡ *Fellhanera rhapsidophylli* (Rehm) Vězda.

*Bacidia rubicunda* (Müll. Arg.) Zahlbr., Catal. Lich. Univ. 4: 239 (1926); Santesson, Symb. Bot. Ups. 12(1): 449 (1952). – Bas.: *Patellaria rubicunda* Müll. Arg., Lichenes epiphylli Novi: 10 (1890). ≡ *Bapalmuia palmularis* (Müll. Arg.) Sérus., see Lücking, Trop. Bryol. 13: 94 (1997); Lücking and Kalb, Bot. Jahrb. Syst. 122: 18 (2000).

*Bacidia scutellifera* Vězda, Folia Geobot. Phytotax., Praha, 10: 421 (1975). ≡ *Bacidina scutellifera* (Vězda) Vězda.

*Bacidia soresdiantha* Vězda, Folia Geobot. Phytotax., Praha, 15: 88 (1980). ≡ *Fellhanera soresdiantha* (Vězda) Vězda.

*Bacidia spermatophora* Zahlbr., Symb. Sin. 3: 118 (1930). – Type: China, Handel-Mazzetti 12276 (W, holotype, not seen). = *Bacidina pallidocarnea* (Müll. Arg.) Vězda, see Santesson, Symb. Bot. Ups. 12(1): 444 (1952); Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990).

*Bacidia stanhoepae* (Müll. Arg.) Zahlbr., Denkschr. Math.-Nat. Kl. Akad. Wiss. Wien 81: 249 (1907); Santesson, Symb. Bot. Ups. 12(1): 474 (1952). ≡ *Fellhanera stanhoepae* (Müll. Arg.) Lücking, Lumbsch et Elix.

*Bacidia sublecanorina* (Nyl.) Zahlbr., Catal. Lich. Univ. 4: 153 (1926); Santesson, Symb. Bot. Ups. 12(1): 475 (1952). ≡ *Fellhanera sublecanorina* (Nyl.) Vězda.

*Bacidia submicrommata* Vězda, Acta Musei Silesiae 24: 124 (1975). ≡ *Fellhanera submicrommata* (Vězda) Lücking et Kalb.

*Bacidia subsimilis* Vězda, Folia Geobot. Phytotax., Praha, 10: 424 (1975). ≡ *Brasilicia subsimilis* (Vězda) Farkas, *comb. nova*.

*Bacidia subternella* (Nyl.) R. Sant., Symb. Bot. Ups. 12(1): 470 (1952). ≡ *Fellhanera subternella* (Nyl.) Vězda.

*Bacidia subtilis* Vězda, Preslia, Praha, 33: 367 (1961). ≡ *Fellhanera subtilis* (Vězda) Diederich et Sérus.

*Bacidia subundulata* (Stirt.) R. Sant., Symb. Bot. Ups. 12(1): 453 (1952). ≡ *Byssoloma subundulatum* (Stirt.) Vězda.

*Bacidia trichosporella* Zahlbr., Denkschr. Math.-Nat. Kl. Akad. Wiss. Wien 81: 250 (1907). – Type: Western Samoa (Samoa Islands), Rechinger 1864 (W, holotype, not seen). = *Bacidina pallidocarnea* (Müll. Arg.) Vězda, see Santesson, Symb. Bot. Ups. 12(1): 444 (1952); Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990).

*Bacidia tuckermanii* R. Sant., Symb. Bot. Ups. 12(1): 463 (1952); nom. n. – Bas.: *Lecidea palmicola* Tuck., nom. illeg. ≡ *Badimia tuckermanii* (R. Sant.) Lücking, Lumbsch et Elix.

*Bacidia vasakii* Vězda, Folia Geobot. Phytotax., Praha, 18: 64 (1983). ≡ *Bacidina vasakii* (Vězda) Vězda.

*Bacidia vezdana* Lücking, Nova Hedwigia, Beih. 104: 132 (1992); nom. inval., ICBN Art. 32, 36–37. ≡ "*Dimerella*" *vezdana* Lücking.

*Bacidia viellardii* (Müll. Arg.) R. Sant., Symb. Bot. Ups. 12(1): 468 (1952). ≡ *Badimia viellardii* (Müll. Arg.) Vězda.

*Bacidia wirthii* Vězda, Folia Geobot. Phytotax., Praha, 15: 91 (1980). ≡ *Fellhanera wirthii* (Vězda) Vězda.

*Bacidia ziamensis* Vězda, Acta Mus. Silesiae, Opava, ser. A, 23: 184 (1974). ≡ *Bacidina ziamensis* (Vězda) Vězda.

*Bacidina* Vězda, Folia Geobot. Phytotax., Praha, 25: 431 (1990); nom. cons. prop., see Ekman, Taxon 45: 687 (1996). – Type species (corticolous): *Bacidina phacodes* (Körb.) Vězda (holotype). – Tax. syn.: *Lichingoldia* D. Hawksw. et Poelt, nom. rej. prop.; *Woessia* D. Hawksw. et Poelt, nom. rej. prop. – Systematic position: Lecanorales, Ramalinaceae. – Substrata: Corticolous and foliicolous. – Number of foliicolous species: 17. – Distribution: Cosmopolitan.

*Bacidina apiahica* (Müll. Arg.) Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990). – Bas.: *Patellaria apiahica* Müll. Arg. ≡ *Bacidia apiahica* (Müll. Arg.) Zahlbr. ≡ *Woessia apiahica* (Müll. Arg.) Sérus. – Type: Brazil, Puiggari 1025 (G, lectotype!). – Tax. syn.: *Bacidia perminuta* Vain.: *Bacidia perminuta* var. *foliicola* Vain.; *Bacidia malayana* Vain. – Exs.: Kalb, Lich. Neotrop. 477; Lücking, Lich. Fol. Exs. 56; Sipman, Lichenoth. Latinoam. 101; Vězda, Lich. Sel. Exs. 1542 (as *Bacidia apiahica*). – Distribution: Pantropical.

*Bacidina arvidssonii* (Sérus.) Lücking, Flora Neotropica 103: 608 (2008). – Bas.: *Woessia arvidssonii* Sérus. – Type: Ecuador, Arvidsson & Nilson 290 (GB, holotype!). – Distribution: Tropical America.

*Bacidina canariensis* Lumbsch et Vězda, Lichenologist 24: 22 (1992). ≡ *Woessia canariensis* (Lumbsch et Vězda) Sérus. – Type: Spain (Canary Islands), Lumbsch & Mietzsch 7227 (hb. Lumbsch, holotype, not seen; hb. Vězda, isotype!). – Distribution: Europe (Canary Islands, Madeira).

*Bacidina cinnamomea* (Kremp.) Farkas, *comb. nova*, Acta Bot. Hung. 57(1–2): 00 (2015). – Bas.: *Lecidea cinnamomea* Kremp., Lichenes foliicoloae quos legit O. Beccari annis 1866–1867 in insula Borne: 7 (1874); Nuovo Gior. Bot. Ital. 7: 28 (1875). ≡ *Bacidia cinnamomea* (Kremp.) Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 65 (1921); Santesson, Symb. Bot. Ups. 12(1): 451 (1952). – Type: Malaysia (Borneo), Beccari 226 (M, holotype!; G, isotype!). – Distribution: Tropical Asia.

*Bacidina clauzadei* (Sérus. et Lambinon) Farkas, *comb. nova*, Acta Bot. Hung. 57(1–2): 00 (2015). – Bas.: *Bacidia clauzadei* Sérus. et Lambinon, Bull. Soc.



Linn. Provenca 45: 351 (1994). – Type: Congo, Lambinon 78/262 (LG, holotype!). – Distribution: Tropical Africa (Congo).

*Bacidina defecta* Vězda, Nova Hedwigia 58: 124 (1994). ≡ *Woessia defecta* (Vězda) Sérus. – Type: Tanzania, Pócs 6438 (hb. Vězda, holotype!). – Distribution: Pantropical.

*Bacidina hypophylla* Lücking et Kalb, Bot. Jahrb. Syst. 122: 17 (2000). – Type: Brazil, Kalb & Kalb 32502 (hb. Kalb, holotype!). – Distribution: Tropical America.

*Bacidina mastothallina* (Vain.) Vězda in Vězda et al., Ann. Naturh. Mus. Wien 99B: 738 (1997). – Bas.: *Bacidia mastothallina* Vain. ≡ *Fellhanera mastothallina* (Vain.) Lücking et Sérus.

*Bacidina mirabilis* (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990). – Bas.: *Catillaria mirabilis* Vězda, Folia Geobot. Phytotax., Praha, 15: 80 (1980). – Type: Congo, Lisowski s.n. (hb. Vězda, holotype!). – Exs.: Lücking, Lich. Fol. Exs. 217; Vězda, Lich. Sel. Exs. 2458. – Distribution: Tropical America and Africa.

*Bacidina neotropica* Lücking, Flora Neotropica 103: 608 (2008). – Type: Guyana, Lücking 96-3785 (BRG holotype; isotype, LG). – Distribution: Neotropical.

*Bacidina pallidocarnea* (Müll. Arg.) Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990). – Bas.: *Patellaria pallidocarnea* Müll. Arg., Flora 64: 232 (1881). ≡ *Bacidia pallidocarnea* (Müll. Arg.) Zahlbr. – Type: Brazil, Puiggari 492 (G, holotype!). – Tax. syn.: *Patellaria translucens* Müll. Arg.; *Bacidia trichosporella* Zahlbr.; *Bacidia spermatophora* Zahlbr. – Exs.: Lücking, Lich. Fol. Exs. 29. – Distribution: Pantropical.

*Bacidina pseudohyphorifera* (Lücking et Sérus.) Lücking, Flora Neotropica 103: 607 (2008). – Type: Lesser Antilles (St. Lucia), Sérusiaux s.n. (LG, holotype!). – Distribution: Tropical America and Asia (Hong Kong). = *Woessia pseudohyphorifera* Lücking et Sérus. in Sérusiaux, Biblioth. Lichenol. 58: 422 (1995).

*Bacidina scutellifera* (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990). – Bas.: *Bacidia scutellifera* Vězda. – Type: Tanzania, Pócs 6438 (hb. Vězda, holotype!; Vězda: Lich. Sel. Exs. 1310, isotypes!). – Exs.: Vězda, Lich. Sel. Exs. 1310. – Distribution: Pantropical.

*Bacidina simplex* Farkas et Vězda, Folia Geobot. Phytotax., Praha, 28: 321 (1993). – Type: Tanzania, Farkas 89102 (VBI, holotype!). – Distribution: Tropical Africa (Tanzania).

*Bacidina simplex* fo. *cyanophila* Lücking, Flora Neotropica 103: 603 (2008). – Type: Colombia, Sipman & Duivenvoorden 28015 (holotype, B). – Distribution: Tropical America.

*Bacidina streimannii* Vězda, Nova Hedwigia 58: 125 (1994). – Type: Papua New Guinea (New Guinea), Streimann 8212017 (CANB, holotype, not seen). – Distribution: Tropical Asia (Papua New Guinea).

*Bacidina vasakii* (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990). – Type: Georgia, Vězda s.n. (hb. Vězda, holotype!; Vězda, Lich. Sel. Exs. 1869, isotypes!). – Exs.: Vězda, Lich. Sel. Exs. 1869. – Distribution: Europe (Georgia).

*Bacidina ziamensis* (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 25: 432 (1990). – Type: Guinea, Lisowski 1254 (hb. Vězda, holotype!; UPS, isotype!). – Distribution: Tropical Africa.

*Badimia* Vězda, Folia Geobot. Phytotax., Praha, 21: 206 (1986); nom. cons. prop., see Lücking and Vězda, Taxon 44: 227 (1995). – Type species: *Badimia dimidiata* (C. Bab. ex Leight.) Vězda (holotype). – Tax. syn.: *Pseudogyalecta* Vězda, nom. rej. prop. – Systematic position: Lecanorales, Pilocarpaceae, see Sérusiaux, Lichenologist 18: 6 (1986); Lücking et al., Bot. Acta 107: 399 (1994). – Substrata: Predominantly foliicolous. – Number of foliicolous species: 13. – Distribution: Pantropical.

*Badimia cateilea* (Vain.) Lücking, Lumbsch et Elix, Bot. Acta 107: 400 (1994). – Bas.: *Pilocarpon cateileum* Vain. ≡ *Bacidia cateilea* (Vain.) R. Sant. ≡ *Fellhanera cateilea* (Vain.) Farkas. – Type: French Polynesia (Society Islands), Setchell & Parks 5142 (TUR, lectotype!; PC, UPS, W, isotypes!). – Distribution: Tropical Asia.

*Badimia dimidiata* (C. Bab. ex Leight.) Vězda, Folia Geobot. Phytotax., Praha, 21: 215 (1986). – Bas.: *Lecanora dimidiata* C. Bab. ex Leight. ≡ *Bacidia dimidiata* (C. Bab. ex Leight.) R. Sant. – Type: Brazil, Spruce 113 (BM ex K, holotype!). – Tax. syn.: *Patellaria subpulchra* Müll. Arg.; *Patellaria sorocula* Müll. Arg.; *Patellaria leioplacella* Müll. Arg. – Exs.: Kalb, Lich. Neotrop. 252 (as *Bacidia dimidiata*); Lücking, Lich. Fol. Exs. 106, 130; Sipman, Lichenoth. Latinoam. 52. – Distribution: Tropical America and Africa.

*Badimia elegans* (Vain.) Vězda, Folia Geobot. Phytotax., Praha, 21: 215 (1986). – Bas.: *Bilimbia elegans* Vain. ≡ *Bacidia elegans* (Vain.) Zahlbr. – Type: Philippines, Robinson s.n. (TUR-Vainio 21579, lectotype!; UPS, isolectotype!). – Distribution: Tropical Africa and Asia.

*Badimia elixii* Lücking, Kalb et Lumbsch, Bibliotheca Lichenologica 78: 252 (2001). – Type: New Caledonia, K. Kalb & A. Kalb s.n. (hb. Kalb, holotype; isotypes – R. Lücking, Lich. Fol. Exs. 131, as *B. tuckermanii*). – Distribution: Eastern paleotropical.

*Badimia galbinea* (Kremp.) Vězda, Folia Geobot. Phytotax., Praha, 21: 215 (1986). – Bas.: *Lecidea galbinea* Kremp. ≡ *Bacidia galbinea* (Kremp.) Zahlbr. – Type: Malaysia (Borneo), Beccari 220a (M, holotype!; G, isotype!). – Exs.: Lücking, Lich. Fol. Exs. 5, 57, 107. – Distribution: Tropical America and Asia.

***Badimia lecanorina*** (Zahlbr.) Lücking, Lumbsch et Elix, Bot. Acta 107: 400 (1994). – Bas.: *Pilocarpon lecanorinum* Zahlbr. ≡ *Bacidia lecanorina* (Zahlbr.) R. Sant. ≡ *Fellhanera lecanorina* (Zahlbr.) Farkas. – Type: Western Samoa (Samoa Islands), Reching 3390 (W, holotype!; C, S, UPS, isotypes!). – Exs.: Anonymous, Krypt. Exs. Vindob. 1529 (as *Pilocarpon lecanorinum*). – Distribution: Tropical Asia (Samoa Islands).

***Badimia leioplacella*** (Müll. Arg.) Lücking, Flora Neotropica 103: 724 (2008). – Bas.: *Patellaria leioplacella* Müll. Arg., J. Linn. Soc. Bot. 29: 324. 1892. – Type: Brazil, Spruce 470 (holotype, BM ex K; isotypes, G, UPS). – Tax. syn.: *Badimia subelegans* Sipman et Lücking, Trop. Bryol. 15: 54 (1998). – Distribution: Tropical America.

***Badimia montoyana*** Lücking in Lücking and Lücking, Herzogia 11: 152 (1995). – Type: Costa Rica (Cocos Isl.), Lücking & Lücking 92-724 (M, holotype!; CR, G, GZU, LG, ULM, UPS, Lücking, Lich. Fol. Exs. 129, isotypes!). – Exs.: Lücking, Lich. Fol. Exs. 129. – Distribution: Tropical America.

***Badimia pallidula*** (Kremp.) Vězda, Folia Geobot. Phytotax., Praha, 21: 215 (1986). – Bas.: *Lecidea pallidula* Kremp. ≡ *Bacidia pallidula* (Kremp.) Zahlbr. – Type: Malaysia (Borneo), Beccari 232 (M, holotype!; G, isotype!). – Tax. syn.: *Bilimbia polillensis* var. *parcior* Vain. – Exs.: Lücking, Lich. Fol. Exs. 58; Vězda, Lich. Rar. Exs. 423. – Distribution: Tropical America and Asia.

***Badimia polillensis*** (Vain.) Vězda, Folia Geobot. Phytotax., Praha, 21: 215 (1986). – Bas.: *Bilimbia polillensis* Vain. ≡ *Bacidia polillensis* (Vain.) Zahlbr. – Type: Philippines, Robinson s.n. (TUR-Vainio 21548, holotype!). – Tax. syn.: *Bilimbia polillensis* var. *interrupta* Vain.; *Bilimbia polillensis* var. *pallescens* Vain. – Distribution: Pantropical.

***Badimia stanhopeae*** (Müll. Arg.) Vězda, Sched. Lich. Sel. Exs., Fasc. XCIII: 2, no. 2307 (1989). ≡ *Fellhanera stanhopeae* (Müll. Arg.) Lücking, Lumbsch et Elix.

***Badimia subelegans*** Sipman et Lücking in Lücking, Trop. Bryol. 15: 54 (1998). = *Badimia leioplacella* (Müll. Arg.) Lücking.

***Badimia tuckermanii*** (R. Sant.) Lücking, Lumbsch et Elix, Bot. Acta 107: 400 (1994). – Bas.: *Lecidea palmicola* Tuck., nom. illeg. = *Bacidia tuckermanii* R. Sant., nom. n. – Type: Cuba, Wright 201 (FH, holotype, not seen; G, UPS, isotypes!). – Distribution: Tropical America.

***Badimia verrucosa*** (Vězda) Lücking et Vězda, Flora Neotropica 103: 719 (2008). – Bas.: *Pseudogyalecta verrucosa* Vězda, Folia Geobot. Phytotax., Praha, 10: 408 (1975). – Type: Tanzania, Pócs 6870 (hb. Vězda, holotype!). – Distribution: Tropical Africa.

***Badimia viellardii*** (Müll. Arg.) Vězda, Folia Geobot. Phytotax., Praha, 21: 215 (1986). – Bas.: *Lecania viellardii* Müll. Arg. ≡ *Bacidia viellardii* (Müll. Arg.)

R. Sant. – Type: New Caledonia, Viellard 2798 (G, holotype!). – Tax. syn.: *Bilimbia rizalensis* Vain. – Distribution: Tropical Asia and Australia.

***Badimia*** sect. ***Pseudogyalecta*** (Vězda) Lücking et Vězda, *Flora Neotropica* 103: 721 (2008). – Type species: *Pseudogyalecta verrucosa* Vězda ≡ *Badimia verrucosa* (Vězda) Lücking et Vězda.

***Badimiella*** Malcolm et Vězda, *Nova Hedwigia* 59: 518 (1994). – Type species: *Badimiella serusiauxii* Malcolm et Vězda (holotype). – Systematic position: Lecanorales, Pilocarpaceae. – Substrata: Foliicolous. – Number of foliicolous species: 1. – Distribution: Tropical Australia (New Zealand).

***Badimiella serusiauxii*** Malcolm et Vězda, *Nova Hedwigia* 59: 519 (1994). – Type: New Zealand, Malcolm 1164 (CHR, holotype, not seen; hb. Vězda, isotype!). – Distribution: Tropical Australia (New Zealand).

***Baflavia*** Lücking, *Flora Neotropica* 103: 718 (2008). – Type species: *Baflavia flavescens* (Lücking) Lücking. – Systematic position: Lecanorales, Pilocarpaceae, see Lücking, *Flora Neotropica* 103: 826 (2008). – Substrata: Foliicolous. – Number of foliicolous species: 1. – Distribution: Tropical America (Costa Rica).

***Baflavia flavescens*** (Lücking) Lücking, *Flora Neotropica* 103: 718 (2008). – Bas.: *Barubria flavescens* Lücking: – Type: Costa Rica, Lücking 92-328 (CR, holotype!; VBI, Lücking, Lich. Fol. Exs. 230, isotypes!). – Exs.: Lücking, Lich. Fol. Exs. 230. – Distribution: Tropical America (Costa Rica).

***Bapalmuia*** Sérus., *Nord. J. Bot.* 13: 449 (1993). – Type species: *Bapalmuia palmularis* (Müll. Arg.) Sérus. (holotype). – Systematic position: Lecanorales, Pilocarpaceae, see Ekman, *Opera Bot.* 127: 39 (1996); Kalb et al., *Mycotaxon* 75: 284 (2000). – Substrata: Foliicolous. – Number of foliicolous species: 14. – Distribution: Pantropical.

***Bapalmuia araracuarensis*** Sipman et Lücking, *Flora Neotropica* 103: 671 (2008). – Type: Colombia. Caquetá: NE of Araracuara, 250 m, Oct 1988, Sipman & Duivenvoorden 27980 (holotype, B; isotype, hb. Lücking). – Distribution: Tropical America.

***Bapalmuia consanguinea*** (Müll. Arg.) Kalb et Lücking in Lücking and Kalb, *Bot. Jahrb. Syst.* 122: 20 (2000). – Bas.: *Patellaria consanguinea* Müll. Arg. ≡ *Bacidia consanguinea* (Müll. Arg.) Zahlbr. – Type: Brazil, Puiggari 2288 (G, lectotype!). – Tax. syn.: *Lecidea endoporphyrata* Vain. – Distribution: Tropical America (southern Brazil).

***Bapalmuia costaricensis*** Lücking et Kalb in Kalb et al., *Mycotaxon* 75: 91 (2000). ≡ *Bacidia costaricensis* Lücking, nom. inval. – Type: Costa Rica, Lücking 91-1835 (CR, holotype!). – Distribution: Tropical America.

***Bapalmuia ivoriensis*** R. Sant. et Lücking, *Nord. J. Bot.* 19: 725 (1999). – Type: Ivory Coast, Santesson 10668: 7 (UPS, holotype!). – Distribution: Tropical Africa.

*Bapalmuia kakouettae* Sérus., Nord. J. Bot. 13: 449 (1993). – Type: France, Sérusiaux 7703 (LG, holotype!). – Tax. syn.: *Byssoloma aptrootii* Sérus. – Distribution: Europe.

*Bapalmuia lineata* Lücking et Kalb in Kalb et al., Mycotaxon 75: 296 (2000). – Type: Costa Rica, Lücking 91-1266 (CR, holotype!). – Exs.: Lücking, Lich. Fol. Exs. 222. – Distribution: Tropical America.

*Bapalmuia marginalis* (Vain.) Sérus., Nord. J. Bot. 13: 451 (1993). – Bas.: *Helotiopsis marginalis* Vain. ≡ *Bacidia marginalis* (Vain.) R. Sant. – Type: Philippines, Robinson s.n. (TUR-Vainio 26083, holotype!). – Distribution: Tropical Asia.

*Bapalmuia napoensis* Lücking, Flora Neotropica 103: 675 (2008). – Type: Ecuador. Napo: Jatun Satcha Biological Station, 450 m, May 1996, Lücking 96-984 (holotype, QCNE). – Distribution: Tropical America (Ecuador).

*Bapalmuia nigrescens* (Müll. Arg.) Cáceres et Lücking, Nova Hedwigia 70: 218 (2000). – Bas.: *Patellaria nigrescens* Müll. Arg. ≡ *Bacidia nigrescens* (Müll. Arg.) Vain. – Type: Brazil, Glaziou 18100 (G, lectotype!). – Distribution: Tropical America.

*Bapalmuia pallescens* Lücking, Flora Neotropica 103: 674 (2008). – Type: Brazil, Pará: Near Belém, 10 m, Oct 1980, Kalb 32717 (hb. Kalb). Caxiuana Field Station, 25 m, May 1995, Lücking 95-192 (holotype, MG).

*Bapalmuia palmularis* (Müll. Arg.) Sérus., Nord. J. Bot. 13: 451 (1993). – Bas.: *Patellaria palmularis* Müll. Arg. ≡ *Bacidia palmularis* (Müll. Arg.) Zahlbr. – Type: Brazil, Glaziou 18069 (G, holotype!). – Tax. syn.: *Patellaria brasiliensis* var. *laevis* Müll. Arg.; *Patellaria rubicunda* Müll. Arg. ≡ *Bapalmuia rubicunda* (Müll. Arg.) Sérus.; *Bacidia lutea* Lücking, nom. inval. – Exs.: Lücking, Lich. Fol. Exs. 221; Vězda, Lich. Sel. Exs. 2031. – Distribution: Pantropical.

*Bapalmuia rubicunda* (Müll. Arg.) Sérus., Nord. J. Bot. 13: 451 (1993). – Bas.: *Patellaria rubicunda* Müll. Arg. = *Bapalmuia palmularis* (Müll. Arg.) Sérus.

*Bapalmuia sorediata* Kalb et Lücking in Kalb et al., Mycotaxon 75: 303 (2000). – Type: Australia, Kalb & Kalb 26820 (CANB, holotype!; hb. Kalb, isotype!). – Distribution: Tropical Australia.

*Bapalmuia variratae* Sérus. in Kalb et al., Mycotaxon 75: 304 (2000). – Type: Papua New Guinea (New Guinea), Sérusiaux s.n. (LG, holotype!). – Distribution: Tropical Asia (Papua New Guinea).

*Bapalmuia verrucosa* Sérus. et Lücking in Lücking et al., Lichenologist 30: 177 (1998). – Type: Brazil, Peres 15486 (URM 22249, holotype!). – Distribution: Tropical America (northern South America).

*Barubria* Vězda, Folia Geobot. Phytotax., Praha, 21: 207 (1986). – Type species: *Barubria fuscorubra* (Vězda) Vězda (holotype). – Systematic position: Lecanorales, Ectolechiaceae, see Vězda, Folia Geobot. Phytotax., Praha, 21:

201 (1986). – Substrata: Foliicolous. – Number of foliicolous species: 1. – Distribution: Pantropical.

*Barubria flavescens* Lücking, *Phyton* (Horn, Austria) 39: 134 (1999). – Type: Costa Rica, Lücking 92-328 (CR, holotype!; VBI, Lücking, Lich. Fol. Exs. 230, isotypes!). – Exs.: Lücking, Lich. Fol. Exs. 230. – Distribution: Tropical America (Costa Rica). ≡ *Baflavia flavescens* (Lücking) Lücking.

*Barubria fuscorubra* (Vězda) Vězda, *Folia Geobot. Phytotax.*, Praha, 21: 215 (1986). – Bas.: *Bacidia fuscorubra* Vězda. – Type: Guinea, Lisowski 1341 (hb. Vězda, holotype!; OP, UPS, isotypes!). – Exs.: Lücking, Lich. Fol. Exs. 229. – Distribution: Tropical America and Africa.

*Bilimbia* De Not., *Giorn. Bot. Ital.* 2: 190 (1846). = *Mycobilimbia* Rehm. – Excluded, no foliicolous species known. – For synonymous *Bilimbia* names see Lücking *et al.* (2000).

*Brasilia* Lücking, Kalb et Sérus., *Flora Neotropica* 103: 667 (2008). – Type species: *Brasilia brasiliensis* (Müll. Arg.) Lücking, Kalb et Sérus., *Flora Neotropica* 103: 667 (2008). ≡ *Patellaria brasiliensis* Müll. Arg., *Lichenes Epiphylli Novi*: 10 (1890). – Systematic position: Lecanorales, Pilocarpaceae. – Substrata: foliicolous. – Number of foliicolous species: 6. – Distribution: Pantropical.

*Brasilia brasiliensis* (Müll. Arg.) Lücking, Kalb et Sérus., *Flora Neotropica* 103: 667 (2008). – Bas.: *Patellaria brasiliensis* Müll. Arg., *Lichenes Epiphylli Novi*: 10 (1890). ≡ *Bacidia brasiliensis* (Müll. Arg.) Zahlbr., *Catal. Lich. Univ.* 4: 183 (1926). – Type: Brazil, Puiggari 1086 (G, lectotype!). – Exs.: Kalb, Lich. Neotrop. 1, 2; Lücking, Lich. Fol. Exs. 4. – Distribution: Tropical America.

*Brasilia dimerelloides* (Vězda) Farkas, *Acta Bot. Hung.* 57(1–2): 00 (2015). – Bas.: *Bacidia dimerelloides* Vězda, *Acta Mus. Silesiae, Opava, ser. A*, 23: 179 (1974). – Type: Guinea, Lisowski 1228 (hb. Vězda, holotype!; UPS, isotype!). – Exs.: Vězda, Lich. Sel. Exs. 2159, 2376. – Distribution: Tropical Africa.

*Brasilia foliicola* (Vězda) Farkas, *comb. nova*, *Acta Bot. Hung.* 57(1–2): 00 (2015). – Bas.: *Bacidia foliicola* Vězda, *Acta Mus. Silesiae, Opava, ser. A*, 23: 180 (1974). – Type: Guinea, Lisowski 1200 (hb. Vězda, holotype!; UPS, isotype!). – Distribution: Tropical Africa.

*Brasilia ituriensis* (Vězda) Farkas, *comb. nova*, *Acta Bot. Hung.* 57(1–2): 00 (2015). – Bas.: *Bacidia ituriensis* Vězda, *Folia Geobot. Phytotax.*, Praha, 15: 84 (1980). – Type: Congo, Lisowski s.n. (hb. Vězda, holotype!). – Distribution: Tropical Africa (Congo).

*Brasilia olivaceorufa* (Vain.) Farkas, *comb. nova*, *Acta Bot. Hung.* 57(1–2): 00 (2015). – Bas.: *Bacidia olivaceorufa* Vain., *Ann. Acad. Sci. Fenn.*, ser. A, 15: 65 (1921). – Tax. syn.: *Bacidia depokensis* Zahlbr. – Type: Philippines, Robinson s.n. (TUR, holotype, not seen). – Distribution: Tropical Asia.

***Brasilicia subsimilis*** (Vězda) Farkas, *comb. nova*, Acta Bot. Hung. 57(1–2): 00 (2015). – Bas.: *Bacidia subsimilis* Vězda, Folia Geobot. Phytotax., Praha, 10: 424 (1975). – Type: Tanzania, Pócs 6379 (hb. Vězda, holotype!). – Distribution: Tropical Africa (Tanzania).

***Eugeniella*** Lücking Sérus. et Kalb in Lücking, Flora Neotropica 103: 712 (2008). – Type species: *Eugeniella psychotriae* (Müll. Arg.) Lücking, Sérus. et Kalb ≡ *Patellaria psychotriae* Müll. Arg. – Systematic position: Lecanorales, Pilocarpaceae. – Substrata: Predominantly foliicolous, (corticolous). – Number of foliicolous species: 7. – Distribution: Pantropical.

***Eugeniella atrichoides*** (Malme) Lücking, Sérus. et Kalb, Flora Neotropica 103: 718 (2008). – Bas.: *Bacidia atrichoides* Malme – Type: Brazil, Malme 2287: 1b (S, holotype!). – Distribution: Tropical America.

***Eugeniella corallifera*** (Lücking) Lücking, Sérus. et Kalb, Flora Neotropica 103: 716 (2008). – Bas.: *Bacidia corallifera* Lücking in Lücking and Lücking. – Type: Costa Rica (Cocos Island), Lücking & Lücking 92-1028 (CR, holotype!; Lücking, Lich. Fol. Exs. 126, isotypes!). – Exs.: Lücking, Lich. Fol. Exs. 126, 196. – Distribution: Tropical America.

***Eugeniella leucocheila*** (Tuck.) Lücking, Sérus. et Kalb, Flora Neotropica 103: 714 (2008). – Bas.: *Lecidea leucocheila* Tuck., Proceedings of the American Academy of Arts and Sciences 6: 278 (1866). – Type: (corticolous). Cuba. Unknown locality, Wright s.n. (holotype, FH; isotype, BM; Wright, Lich. Cubae 208). – Tax. syn.: *Pilocarpon wettsteinii* Zahlbr., Denkschr. Math.-Nat. Kl. Akad. Wiss. Wien 83: 115 (1909). ≡ *Byssoloma wettsteinii* (Zahlbr.) Zahlbr., Catal. Lich. Univ. 2: 571 (1923); Lücking, Abstr. Bot. 21 (1): 96 (1997). – Type: Brazil, São Paulo, Bertioaga, 5–25 m, 1901, Schiffner s.n. (holotype, W; isotype, BM). – Distribution: Tropical America.

***Eugeniella micrommata*** (Kremp.) Lücking, Sérus. et Kalb, Flora Neotropica 103: 716 (2008). – Bas.: *Lecanora micrommata* Kremp. ≡ *Bacidia micrommata* (Kremp.) R. Sant., Symb. Bot. Ups. 12(1): 459 (1952). – Type: Malaysia (Borneo), Beccari 228 (M, holotype!; G, isotype!). – Tax. syn.: *Bilimbia mastophoriza* Vain.; *Bilimbia mastophoriza* var. *lacerata* Vain.; *Bilimbia mastophoriza* var. *laevior* Vain. – Distribution: Tropical Africa and Asia.

***Eugeniella newtoniana*** (Henriq.) Lücking, Sérus. et Kalb, Flora Neotropica 103: 716 (2008). – Bas.: *Lecanora newtoniana* Henriq., Lich. Ins. Guin.: 17 (1889). ≡ *Lopadium newtonianum* (Henriq.) R. Sant., Symb. Bot. Ups. 12(1): 543 (1952). – Type: São Thomé & Príncipe (São Thomé Isl.), Newton s.n. (H, holotype!; COL, isotype, not seen). – Distribution: Tropical Africa (São Thomé Isl.).

***Eugeniella ortizii*** (Lücking) Lücking, Sérus. et Kalb, Flora Neotropica 103: 715 (2008). – Bas.: *Byssoloma ortizii* Lücking, Nova Hedwigia 52: 299 (1991). – Type: Costa Rica, Lücking 276 (hb. Vězda, holotype!). – Exs.: Lücking, Lich. Fol. Exs. 102. – Distribution: Tropical America.

*Eugeniella psychotriae* (Müll. Arg.) Lücking, Sérus. et Kalb, Flora Neotropica 103: 714 (2008). – Bas.: *Patellaria psychotriae* Müll. Arg. ≡ *Bacidia psychotriae* (Müll. Arg.) Zahlbr. – Type: Brazil, Spruce s.n. (G, holotype!). – Tax. syn.: *Lecania bicolor* Müll. Arg. – Exs.: Lücking, Lich. Fol. Exs. 55. – Distribution: Tropical America and Asia.

*Fellhanera* Vězda, Folia Geobot. Phytotax., Praha, 21: 200 (1986). – Type species: *Fellhanera fuscatula* (Müll. Arg.) Vězda. – Systematic position: Lecanorales, Pilocarpaceae, see Vězda, Folia Geobot. Phytotax., Praha, 21: 200 (1986). – Substrata: Ubiquitous. – Number of foliicolous species: 65. – Distribution: Cosmopolitan.

*Fellhanera africana* (Vězda) Lücking, The Lichenologist 33 (3): 189 (2001). – Bas.: *Bacidia africana* Vězda – Type: Tanzania, Pócs 6397 (hb. Vězda, holotype!). – Distribution: Tropical Africa.

*Fellhanera albidocincta* (Vain.) Lücking, The Lichenologist 33 (3): 191 (2001). – Bas.: *Bilimbia albidocincta* Vain. Annal. Acad. Sci. Fenn. 15 (6): 84 (1921). ≡ *Bacidia albidocincta* (Vain.) Zahlbr., Catal. Lich. Univ. 4: 99 (1926). – Type: Philippines, Robinson s.n. (TUR-Vainio 21560, holotype!). – Distribution: Tropical Asia and Australia.

*Fellhanera angustispora* Lücking, Trop. Bryol. 13: 143 (1997). = *Fellhanera naevia* (Vain.) Lücking et Cáceres.

*Fellhanera atrofuscatula* Herrera-Camp. et Lücking, Phytotax. 44 (2): 172 (2004). – Type: Herrera-Campos et al. s.n. (holotype, MEXU; isotype, F). – Distribution: Tropical America.

*Fellhanera aurantiaca* (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Bacidia aurantiaca* Vězda. – Type: Guinea, Lisowski 1248 (hb. Vězda, holotype!; UPS, isotype!). – Exs.: Kalb, Lich. Neotrop. 505. – Distribution: Tropical America and Africa.

*Fellhanera avilezii* Lücking in Lücking et Lücking, Herzogia 11: 154 (1995). – Type: Costa Rica (Cocos Isl.), Lücking & Lücking 92-815 (CR, holotype!; Lücking, Lich. Fol. Exs. 135, isotypes!). – Exs.: Lücking, Lich. Fol. Exs. 135. – Distribution: Tropical America (Cocos Isl.).

*Fellhanera badimioides* Lücking, Lumbsch et Elix, Bot. Acta 107: 400 (1994). – Type: Costa Rica, Lücking 1301 (M, holotype!). – Distribution: Tropical America.

*Fellhanera bouteillei* (Desm.) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Parmelia bouteillei* Desm. ≡ *Catillaria bouteillei* (Desm.) Zahlbr. – Type: France, Bouteille s.n. (G, isotype, not seen). – Tax. syn.: *Lecidea rubicola* Crouan; *Biatorina hohenbuehelii* Poetsch; *Patellaria leptoloma* Müll. Arg.; *Lecidea rubicola* f. *abieticola* Nyl.; *Trichobelonium tropicale* Rehm; *Mollisia copelandi* Rehm; *Catillaria schroederi* Zahlbr.; *Catillaria oospora* Vain.; *Catillaria oospora* var. *mangiferae* Vain.; *Catillaria epihylla* Fink. – Exs.: Anonymous, Krypt. Exs.



Vindob. 2560; Anonymous, Reliquiae Farlow 648 (as *Biatora bouteillei* (Desm.) Massal.); Arnold, Lich. Monac. Exs. 403 (as *Biatorina bouteillei* (Desm.) Arnold); Desmazières, Plant. Crypt. N. France, 1. ed., 1595 (as *Lecania bouteillei*); *ibid.*, 2. ed., 1195 (as *Lecania bouteillei*); Desmazières, Plant. Crypt. France 600; Kerner, Flora Exs. Austro-Hung. 2761 (as *Biatorina bouteillei* (Desm.) Arnold); Körber, Lich. Sel. Germ. 403 (as *Biatorina bouteillei* (Desm.) Arnold); Lojka, Lichenothec. Univ. 28a, 28b (as *Lecidea bouteillei* (Desm.) Nyl.); Lücking, Lich. Fol. Exs. 89; Rabenhorst, Lich. Europ. 856 (as *Biatora bouteillei*); Roumeguère, Lich. Gall. Exs. 455 (as *Biatora bouteillei*); Vězda, Lich. Sel. Exs. 1515 (as *Catillaria bouteillei*); Zahlbruckner, Lich. Rar. 128. – Distribution: Cosmopolitan.

***Fellhanera bullata*** Kalb et Vězda in Vězda and Kalb, Nova Hedwigia 53: 219 (1991). – Type: Australia, Kalb & Kalb (hb. Kalb, holotype!; hb. Vězda, isotype!). – Exs.: Lücking, Lich. Fol. Exs. 136. – Distribution: Tropical Asia and Australia.

*Fellhanera buxi* (Vězda et Vivant) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Bacidia buxi* Vězda et Vivant. = *Fellhaneropsis myrtillicola* (Erichs.) Sérus. et Coppins.

***Fellhanera carnea*** (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Bacidia carnea* Vězda. – Type: Guinea, Lisowski 1359 (hb. Vězda, holotype!; UPS, isotype!). – Distribution: Tropical America and Africa.

*Fellhanera cateilea* (Vain.) Farkas in Galloway, Tropical lichens: their systematics, conservation, and ecology: 97 (1991). ≡ *Badimia cateilea* (Vain.) Lücking, Lumbsch et Elix.

***Fellhanera cenii*** Vězda in Schedae Lichenes Rariores Exsiccati 37 (nos 361–370): 2, no. 364 (1998). – Type: Dominica, Vězda 1996 (hb. Vězda, holotype!). – Exs.: Vězda, Lich. Rar. Exs. 364. – Distribution: Tropical America (Dominica).

***Fellhanera christiansenii*** Sérus. et Vězda in Vězda, Nova Hedwigia 58: 130 (1994). – Type: Spain (Canary Islands), Christiansen 4885 (MSC, holotype, not seen; hb. Vězda, isotype!). – Exs.: Lücking, Lich. Fol. Exs. 137. – Distribution: Europe (Canary Islands, Italy).

***Fellhanera colchica*** (Vězda) Llop, The Lichenologist 39 (4): 393 (2007). – Bas.: *Bacidia colchica* Vězda, Folia Geobot. Phytotax., Praha, 14: 203 (1979). – Type: Georgia, Vězda s.n. (hb. Vězda, holotype!; Vězda, Lich. Sel. Exs. 1660, isotypes!). – Exs.: Vězda, Lich. Sel. Exs. 1660 (isotypes). – Distribution: Tethyan.

***Fellhanera congesta*** (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Catillaria congesta* Vězda. – Type: Tanzania, Pócs 6397 (hb. Vězda, holotype!). – Distribution: Tropical Africa.

*Fellhanera dictyospora* Lücking, Trop. Bryol. 13: 145 (1997). – Type: Costa Rica, Lücking 91-5567 (ULM, holotype!). – Distribution: Tropical America (Costa Rica).

*Fellhanera dispersa* Lücking, Trop. Bryol. 13: 147 (1997). – Type: Costa Rica, Lücking 92-213 (ULM, holotype!). – Distribution: Tropical America.

*Fellhanera dominicana* (Vain.) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Lecidea dominicana* Vain. = *Fellhanera fuscata* (Müll. Arg.) Vězda.

*Fellhanera ekmanii* (Vězda) Lücking in Lücking and Lücking, Herzogia 11: 155 (1995). – Bas.: *Bacidia ekmanii* Vězda. – Type: Cuba, Ekman 5356 (UPS, holotype!). – Distribution: Tropical America (Cuba).

*Fellhanera elliottii* (Vain.) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Lecidea elliottii* Vain. ≡ *Lopadium elliottii* (Vain.) Zahlbr. – Type: Lesser Antilles (St. Vincent), Elliott s.n. (TUR, holotype!). – Distribution: Tropical America and Africa.

*Fellhanera emarginata* Lücking, Trop. Bryol. 13: 148 (1997). – Type: Costa Rica, Lücking 91-5374 (ULM, holotype!). – Distribution: Tropical America.

*Fellhanera encephalarti* (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Catillaria encephalarti* Vězda. – Type: Congo, Lisowski s.n. (hb. Vězda, holotype!). – Distribution: Tropical Africa.

*Fellhanera endopurpurea* Hafellner et Vězda in Vězda and Hafellner, Nova Hedwigia 52: 76 (1991). – Type: Australia, Hafellner et al. s.n. (GZU, holotype!; Vězda, Lich. Sel. Exs. 2454, isotypes!). – Exs. Vězda, Lich. Sel. Exs. 2454. – Distribution: Tropical Australia.

*Fellhanera farinosa* Lücking, Nova Hedwigia, Beih. 104: 138 (1992); nom. inval., ICBN Art. 32, 36–37. = *Fellhanera fuscata* (Müll. Arg.) Vězda, see Lücking, Trop. Bryol. 13: 149 (1997).

*Fellhanera flavostanhopeae* Lücking Flora Neotropica 103: 654 (2008). – Type: Peru. Santesson & Santesson s.n. (holotype, UPS). Distribution: Tropical America.

*Fellhanera follmannii* Ferraro et Vězda in Daniels et al., Flechten Follmann: 224 (1995). – Type: Argentina, Schinini 25398 (CTES, holotype!; hb. Vězda, isotype!). – Distribution: Tropical America (Argentina).

*Fellhanera fragilis* (Vězda) Lücking et Kalb, The Lichenologist 33 (3): 192 (2001). – Bas.: *Bacidia fragilis* Vězda, Folia Geobot. Phytotax., Praha, 10: 417 (1975). – Type: Tanzania, Pócs 6476 (hb. Vězda, holotype!). – Distribution: Tropical Africa.

*Fellhanera fuscata* (Müll. Arg.) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986); Lücking, Trop. Bryol. 13: 149 (1997). – Bas.: *Patellaria fuscata* Müll. Arg. ≡ *Bacidia fuscata* (Müll. Arg.) Zahlbr. ≡ *Bilimbia fuscata* (Müll. Arg.) Szatala. – Type: Venezuela, Ernst s.n. (G, lectotype!). – Tax. syn.: *Patel-*

*laria fuscata* var. *nigricans* Müll. Arg.; *Patellaria rufula* Müll. Arg.; *Lecidea mollissiaeformis* Vain.; *Lecidea dominicana* Vain. = *Bacidia dominicana* (Vain.) Zahlbr.; *Fellhanera dominicana* (Vain.) Vězda; *Lecidea scottii* Vain.; *Fellhanera farinosa* Lücking, nom. inval. – Exs.: Lücking, Lich. Fol. Exs. 12 (as *Fellhanera dominicana*), 218; Vězda, Lich. Rar. Exs. 171. – Distribution: Pantropical.

*Fellhanera ivoriensis* Lücking et R. Sant., *The Lichenologist* 33 (2): 113 (2001). – Type: Santesson 10745 (UPS, holotypus). – Distribution: Tropical Africa.

*Fellhanera lambinonii* (Sérus.) Lücking et Sérus. in Sérusiaux, *Lichenologist* 28: 219 (1996). – Bas.: *Bacidia lambinonii* Sérus. = *Byssoloma lambinonii* (Sérus.) Sérus. – Type: Rwanda, Lambinon 75/1618 (LG, holotype!). – Tax. syn.: *Bacidia michaeliana* Sérus. = *Fellhanera michaeliana* (Sérus.) Sérus. – Distribution: Tropical America and Africa.

*Fellhanera lisowskii* (Vězda) Vězda, *Folia Geobot. Phytotax.*, Praha, 21: 214 (1986). – Bas.: *Bacidia lisowskii* Vězda. – Type: Congo, Lisowski s.n. (hb. Vězda, holotype!; Vězda, Lich. Sel. Exs. 1690, isotypes!). – Exs.: Vězda, Lich. Sel. Exs. 1690 (as *Bacidia lisowskii*). – Distribution: Tropical America and Africa.

*Fellhanera longispora* Lücking, *Trop. Bryol.* 13: 153 (1997). – Type: Costa Rica, Lücking 91-1306 (ULM, holotype!; G, NY, UPS, VBI, isotypes!). – Distribution: Tropical America.

*Fellhanera mackeei* Lücking et Hürl., *Bibliotheca Lichenologica* 78: 255 (2001). – Type: NewCaledonia, H. S. MacKee 45609a (PC, holotype). – Distribution: Eastern Paleotropical.

*Fellhanera mastothallina* (Vain.) Lücking et Sérus., *The Lichenologist* 33 (3): 192 (2001), – Bas.: *Bacidia mastothallina* Vain. *Ann. Acad. Sci. Fenn.*, ser. A, 15: 64 (1921). = *Bacidina mastothallina* (Vain.) Vězda in Vězda et al. *Ann. Naturh. Mus. Wien* 99B: 738 (1997). – Type: Philippines, Robinson & Ramos 11900 (TUR, holotype, not seen). – Tax. syn.: *Bacidia poliophaea* Vain. – Distribution: Tropical Asia and Australia.

*Fellhanera michaeliana* (Sérus.) Sérus., *Nord. J. Bot.* 13: 454 (1993). – Bas.: *Bacidia michaeliana* Sérus. = *Fellhanera lambinonii* (Sérus.) Lücking et Sérus.

*Fellhanera microdiscus* (Vain.) Vězda, *Folia Geobot. Phytotax.*, Praha, 21: 214 (1986). – Bas.: *Bilimbia microdiscus* Vain. – Type: Philippines, Robinson s.n. (TUR, holotype!). – Distribution: Tropical Asia.

*Fellhanera myrtillicola* (Erichs.) Hafellner in Vězda, *Sched. Lich. Sel. Exs.*, Fasc. XCV: 3, no. 2358 (1989). = *Fellhaneropsis myrtillicola* (Erichs.) Sérus. et Coppins.

*Fellhanera misionensis* Ferraro et Lücking, *Mycotaxon* 73: 164 (1999); Lücking, *Trop. Bryol.* 13: 154 (1997). – Type: Argentina, Maruñak et al. 731 (CTES, holotype!). – Distribution: Tropical America.

*Fellhanera montana* Lücking, Trop. Bryol. 13: 154 (1997). – Type: Costa Rica, Lücking 92-4762 (ULM, holotype!). – Distribution: Tropical America (Costa Rica).

*Fellhanera muhleii* Lücking, Trop. Bryol. 13: 155 (1997). – Type: Costa Rica, Lücking 91-4775 (ULM, holotype!). – Distribution: Tropical America (Costa Rica).

*Fellhanera naevia* (Vain.) Lücking et M. Cáceres, The Lichenologist 33 (3): 193 (2001). – Bas.: *Bacidia naevia* Vain., Ann. Acad. Sci. Fenn., ser. A, 15: 66 (1921). – Type: Philippines. *Robinson 18221* (holotype, TUR; isotype, F). – Tax. syn.: *Fellhanera angustispora* Lücking, Trop. Bryol. 13: 143 (1997). – Distribution: Eastern paleotropics.

*Fellhanera obscurata* Herrera-Camp. et Lücking, Phytotax. 44 (2): 174 (2004). – Type: Mexico, Herrera-Campos et al. s.n. (holotype, MEXU; isotype, F). – Distribution: Tropical America.

*Fellhanera paradoxa* (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Bacidia paradoxa* Vězda. – Type: Guinea, Lisowski 1201 (hb. Vězda, holotype!; UPS, isotype!). – Distribution: Tropical America and Africa.

*Fellhanera parvula* (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Catillaria parvula* Vězda. – Type: Guinea, Lisowski 1222 (hb. Vězda, holotype!; UPS, isotype!). – Exs: Kalb, Lich. Neotrop. 10; Vězda, Lich. Sel. Exs. 2260. – Distribution: Tropical America and Africa.

*Fellhanera pauciseptata* (R. Sant.) Lücking, Trop. Bryol. 13: 161 (1997). – Bas.: *Bacidia pauciseptata* R. Sant. – Type: Colombia, von Sneidern s.n. (S, holotype!; UPS, isotype!). – Distribution: Tropical America.

*Fellhanera perpusilla* (Vain.) Matzer, Mycol. Pap. 171: 177 (1996). – Bas.: *Lecidea perpusilla* Vain. – Type: Philippines, Robinson s.n. (TUR-Vainio 23078, holotype, not seen). – Tax. syn.: *Arthonia subinvisible* Vain. – Distribution: Tropical Asia (Philippines).

*Fellhanera pilomarginata* Lücking, Trop. Bryol. 13: 156 (1997). – Type: Costa Rica, Lücking 92-5100 (ULM, holotype!). – Distribution: Tropical America (Costa Rica).

*Fellhanera punctata* Lücking, Flora Neotropica 103: 644 (2008). – Type: Brazil, Lücking 95-322 (holotype, MG). – Distribution: Tropical America.

*Fellhanera rhapsidophylli* (Rehm) Vězda, Folia Geobot. Phytotax., Praha, 21: 214 (1986). – Bas.: *Bilimbia rhapsidophylli* Rehm. ≡ *Bacidia rhapsidophylli* (Rehm) Zahlbr. – Type: Philippines, Raimundo, comm. Baker 1817b (S, holotype!; UPS, isotype!). – Tax. syn.: *Bilimbia caryotae* Vain.; *Chlorospleniella intermixta* Rehm. – Distribution: Pantropical.

*Fellhanera rubida* (Müll. Arg.) Lücking, Trop. Bryol. 13: 160 (1997). – Bas.: *Patellaria rubida* Müll. Arg. – Type: Brazil, Puiggari s.n. (G, holotype!). – Distribution: Tropical America and Africa.

*Fellhanera rubrolecanorina* A. B. Peña et Colín, *Phyton* 44 (2): 175 (2004). – Type: Herrera-Campos et al. s.n. (holotype, MEXU; isotype, F!). – Distribution: Tropical America.

*Fellhanera santessonii* Barillas et Lücking, *Cryptogamie Bryol. Lichénol.* 13: 311 (1992). – Type: Guatemala, Winkler 25 (M, holotype!). – Distribution: Tropical America.

*Fellhanera semecarpi* (Vain.) Vězda, *Folia Geobot. Phytotax.*, Praha, 21: 215 (1986). – Bas.: *Catillaria semecarpi* Vain. – Type: Philippines, Robinson 17365 (TUR, holotype!). – Exs.: Lücking, *Lich. Fol. Exs.* 35, 90; Vězda, *Lich. Sel. Exs.* 2030 (as *Catillaria semecarpi*). – Distribution: Pantropical.

*Fellhanera seroexpectata* Sérus., *Lichenologist* 28: 211 (1996). – Type: Portugal (Madeira), Sérusiaux s.n. (LG, holotype!). – Distribution: Europe (Madeira).

*Fellhanera solediantha* (Vězda) Vězda, *Folia Geobot. Phytotax.*, Praha, 21: 214 (1986). – Bas.: *Bacidia solediantha* Vězda. – Type: Congo, Lisowski s.n. (hb. Vězda, holotype!). – Distribution: Tropical Africa.

*Fellhanera stanhopeae* (Müll. Arg.) Lücking, Lumbsch et Elix, *Bot. Acta* 107: 400 (1994). – Bas.: *Patellaria stanhopeae* Müll. Arg. ≡ *Bacidia stanhopeae* (Müll. Arg.) Zahlbr. ≡ *Badimia stanhopeae* (Müll. Arg.) Vězda. – Type: Venezuela, Ernst s.n. (G, holotype!). – Exs.: Kalb, *Lich. Neotrop.* 356 (as *Bacidia stanhopeae*); Lücking, *Lich. Fol. Exs.* 63; Vězda, *Lich. Sel. Exs.* 2307 (as *Bacidia stanhopeae*). – Distribution: Tropical America.

*Fellhanera subfuscata* Lücking, *Trop. Bryol.* 13: 162 (1997). – Type: Paraguay, Balansa 4255 (G, holotype!). – Tax. syn.: ?*Chlorospleniella intermixta* var. *gomphiae* Rehm. – Exs.: Lücking, *Lich. Fol. Exs.* 196; Vězda, *Lich. Sel. Exs.* 2155, 2357 (as *Fellhanera fuscata* (Müll. Arg.) Vězda). – Distribution: Pantropical.

*Fellhanera sublecanorina* (Nyl.) Vězda, *Sched. Lich. Sel. Exs.*, Fasc. LXXXVII: 2, no. 2156 (1987). – Bas.: *Platygrapha sublecanorina* Nyl. ≡ *Bacidia sublecanorina* (Nyl.) Zahlbr. ≡ *Bilimbia sublecanorina* (Nyl.) Szatala. – Type: Angola, Welwitsch 308 (LISU, holotype, not seen; H, TUR, isotypes!). – Tax. syn.: *Patellaria sprucei* Müll. Arg.; *Patellaria filicina* Müll. Arg.; *Lecidea vagula* Nyl.; *Lecidea atricha* Vain. – Exs.: Kalb, *Lich. Neotrop.* 6, 357; Lücking, *Lich. Fol. Exs.* 36, 138; Vainio, *Lich. Bras. Exs.* 565 (as *Lecidea atricha*); Vězda, *Lich. Sel. Exs.* 2033, 2156, 2261. – Distribution: Pantropical.

*Fellhanera submicrommata* (Vězda) Lücking et Kalb, *The Lichenologist* 33 (3): 193 (2001). – Bas.: *Bacidia submicrommata* Vězda, *Acta Mus. Silesiae, Opava, ser. A*, 24: 124 (1975). – Type: Guinea, Lisowski 1169 (hb. Vězda, holotype!; UPS, isotype!). – Distribution: Tropical Africa.

*Fellhanera substanhopeae* Lücking in Ferraro and Lücking, *Mycotaxon* 73: 165 (1999). – Type: Brazil, Lücking 95-70 (M, holotype!). – Exs.: Lücking, *Lich. Fol. Exs.* 240. – Distribution: Tropical America (northern South America).

*Fellhanera subternella* (Nyl.) Vězda, Folia Geobot. Phytotax., Praha, 21: 215 (1986). – Bas.: *Lecidea subternella* Nyl. ≡ *Bacidia subternella* (Nyl.) R. Sant. – Type: São Thomé & Príncipe (São Thomé Isl.), Newton s.n. (H, holotype!; COI, isotype, not seen). – Tax. syn.: *Patellaria fulvula* Müll. Arg.; ?*Patellaria pulverulenta* Müll. Arg.; ?*Patellaria aeruginosula* Müll. Arg.; ?*Lecanora sprucei* Bab. ex Nyl. – Distribution: Pantropical.

*Fellhanera subtilis* (Vězda) Diederich et Sérus. in Sérusiaux, Mem. Soc. Roy. Bot. Belg. 12: 142 (1990). – Bas.: *Bacidia subtilis* Vězda, Preslia, Praha, 33: 367 (1961). ≡ *Arthonia subtilis* (Vězda) Vězda. – Type: Czech Republic, Vězda (PRM, holotype; BM, DUKE, GZU, M UPS, isotypes). – Exs.: Vězda, Lich. Sel. Exs. 111 (as *Arthonia subtilis*). – Distribution: Europe.

*Fellhanera tasmanica* Lücking et Elix, The Lichenologist 33 (3): 204 (2001). – Type: Australia, Elix 5688 (CANB, holotypus; hb. Lücking, isotypus). – Distribution: Australia.

*Fellhanera tubulifera* Rain. Schub. et Lücking, Willdenowia 33 (2): 461 (2003). – Type: Costa Rica, Schubert 234 (CR; isotypes: ULM, hb. Schubert). – Distribution: Tropical America (Costa Rica).

*Fellhanera tricharioides* Lücking et R. Sant. in Lücking and Kalb ined., Bot. Jahrb. Syst. 122: 11 (2000); nom. inval., ICBN Art. 32, 36–37.

*Fellhanera tricharioides* Lücking et R. Sant., Flora Neotropica 103: 661 (2008). – Type: Trinidad and Tobago, Trinidad, Thaxter 41 (UPS, holotype). – Distribution: Tropical America.

*Fellhanera vandenberghenii* (Sérus.) Vězda, Folia Geobot. Phytotax., Praha, 21: 215 (1986). – Bas.: *Catillaria vandenberghenii* Sérus. – Type: Zimbabwe, Vanden Berghen s.n. (LG, holotype!; hb. Vězda, isotype!). – Distribution: Tropical Africa.

*Fellhanera verrucifera* Lücking, Trop. Bryol. 13: 163 (1997). – Type: Costa Rica, Lücking 92-60 (ULM, holotype!). – Exs.: Lücking, Lich. Fol. Exs. 219. – Distribution: Tropical America.

*Fellhanera verrucifera* var. *nigrescens* Lücking, Flora Neotropica 103: 644 (2008). – Type: Guyana, Lücking 96-3148 (holotype, US; isotype, hb. Lücking). – Distribution: Tropical America.

*Fellhanera viridis* Lücking, Nova Hedwigia, Beih. 104: 136 (1992); Trop. Bryol. 13: 163 (1997). – Type: Costa Rica, Lücking 87-272 (ULM, holotype!). – Distribution: Tropical America (Costa Rica).

*Fellhanera winkleriana* Lücking, Nova Hedwigia 52: 298 (1991). – Type: Costa Rica, Lücking 696 (LG, holotype!). – Distribution: Tropical America (Costa Rica).

*Fellhanera wirthii* (Vězda) Vězda, Folia Geobot. Phytotax., Praha, 21: 215 (1986). – Bas.: *Bacidia wirthii* Vězda. – Type: Congo, Lisowski s.n. (hb. Vězda, holotype!). – Distribution: Tropical Africa.

*Fellhaneropsis* Sérus. et Coppins in Sérusiaux, *Lichenologist* 28: 198 (1996). – Type species: *F. myrtillicola* (Erichs.) Sérus. et Coppins (holotype). – Systematic position: Lecanorales, Pilocarpaceae, see Sérusiaux, *Lichenologist* 28: 199 (1996). – Substrata: Foliicolous and corticolous. – Number of foliicolous species: 4. – Distribution: Europe and northern Asia and Australia.

*Fellhaneropsis australiana* Lücking, *The Lichenologist* 33 (3): 205 (2001). – Type: Australia, Elix 5688 (CANB, holotype; hb. Lücking, isotype). – Distribution: Australia.

*Fellhaneropsis kurokawana* Thor, Lücking et Matsumoto, *Symb. Bot. Ups.* 32 (3): 41 (2000). – Type: Japan, Matsumoto 2058 (HIRO, holotype!; TNS, isotype!). – Distribution: Tropical Asia (Japan).

*Fellhaneropsis myrtillicola* (Erichs.) Sérus. et Coppins in Sérusiaux, *Lichenologist* 28: 199 (1996). – Bas.: *Bacidia myrtillicola* Erichs. ≡ *Fellhanera myrtillicola* (Erichs.) Hafellner. – Type: Germany, Erichsen s.n. (HBG, holotype!). – Tax. syn.: *Bacidia myriocarpa* Erichs.; *Bacidia buxi* Vězda et Vivant; *Bacidia gorgonea* Vězda et Poelt. – Exs.: Vězda, *Lich. Sel. Exs.* 1161, 1516 (as *Bacidia buxi*). – Distribution: Europe.

*Fellhaneropsis rhododendri* Aptroot, *Lichenologist* 44 (4): 442 (2012). – Type: The Netherlands, A. Aptroot 69866 (BR, holotypus; ABL, isotypus). – Distribution: Europe.

*Scoliciosporum* Massal., *Ricerche sull'Autonomia dei Licheni Crostosi*: 104 (1852). – Type species: *S. holomelaenum* (Flk.) Massal. (lectotype). – Systematic position: Lecanorales, Scoliciosporaceae. – Substrata: Ubiquitous. – Number of foliicolous species: 2. – Distribution: Cosmopolitan.

*Scoliciosporum curvatum* Sérus., *Nord. J. Bot.* 13: 458 (1993). – Type: France, Sérusiaux s.n. (LG, holotype!; Lücking, *Lich. Fol. Exs.* 44, isotypes!). – Exs.: Lücking, *Lich. Fol. Exs.* 44. – Distribution: Europe.

*Scoliciosporum lividum* Malcolm et Vězda, *Folia Geobot. Phytotax.*, Praha, 31: 266 (1996). – Type: New Zealand, Malcolm 1166 (CHR 486639, holotype, not seen; hb. Vězda, isotype!). – Distribution: Tropical Australia (New Zealand).

*Szczawinskia* Funk, *Sysis* 16: 85 (1983); Aptroot et al., *Biblioth. Lichenol.* 64: 191. (1997); Holien and Tønsberg, *Lichenologist* 34: 369. (2002). – Type species: *Szczawinskia tsugae* Funk (holotype). – Systematic position: Lecanorales, Pilocarpaceae. – Substrata: Corticolous and foliicolous. – Number of foliicolous species: 3. – Distribution: Disjunct cosmopolitan.

*Szczawinskia foliicola* Holien et Tønsberg, *The Lichenologist* 34(5): 372 (2002); Aptroot et al., *Biblioth. Lichenol.* 64: 191 (1997). – Type: Papua New Guinea, Sérusiaux 14023 (LG, holotype, B, isotype). – Distribution: Eastern paleotropics (Papua New Guinea).

*Szczawinskia permira* (Vězda) Farkas, *comb. nova*, Acta Bot. Hung. 57(1–2): 00 (2015). – Bas.: *Bacidia permira* Vězda, Folia Geobot. Phytotax., Praha, 10: 419 (1975). ≡ *Uluguria permira* (Vězda) Vězda, Czech Mycology 56 (1–2): 150 (2004). – Type: Tanzania, Pócs 6550 (hb. Vězda, holotype!). – Distribution: Tropical Africa (Tanzania).

*Szczawinskia tsugae* Funk, Syesis 16: 86 (1983); Flora Neotropica 103: 617 (2008). – Type: U.S.A. (Alaska), Curtis s.n. (DAVFP 21966, holotype!). – Tax. syn.: *Micareia clavopycnidiata* Brodo et Tønsberg. – Distribution: Disjunct cosmopolitan (North and Central America).

*Uluguria* Vězda, Czech Mycol. 56(1–2): 150 (2004). – Type species: *Uluguria permira* (Vězda) Vězda. ≡ *Bacidia permira* Vězda. = *Szczawinskia* Funk.

*Uluguria permira* (Vězda) Vězda, Czech Mycol. 56(1–2): 150 (2004). ≡ *Szczawinskia permira* (Vězda) Farkas, *comb. nova*.

*Woessia* D. Hawksw. et Poelt, Pl. Syst. Evol. 154: 207 (1986). – Excluded, no foliicololus species known.

*Woessia apiahica* (Müll. Arg.) Sérus., Lichenologist 28: 224 (1996). ≡ *Bacidina apiahica* (Müll. Arg.) Vězda.

*Woessia arvidssonii* Sérus., Biblioth. Lichenol. 58: 416 (1995). ≡ *Bacidina arvidssonii* (Sérus.) Lücking.

*Woessia canariensis* (Lumbsch et Vězda) Sérus., Lichenologist 28: 224 (1996). ≡ *Bacidina canariensis* Lumbsch et Vězda.

*Woessia defecta* (Vězda) Sérus., Biblioth. Lichenol. 58: 420 (1995). ≡ *Bacidina defecta* Vězda.

*Woessia pseudohyphophorifera* Lücking et Sérus. in Sérusiaux, Biblioth. Lichenol. 58: 422 (1995). ≡ *Bacidina pseudohyphophorifera* (Lücking et Sérus.) Lücking.

*Woessia vasakii* (Vězda) Sérus., Lichenologist 28: 224 (1996). ≡ *Bacidina vasakii* (Vězda) Vězda.

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