

DENDROTHELE (1907) VS. ALEUROCORTICIUM (1963)

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The author rejects his previous use of the name *Aleurocorticium* Lemke and takes up *Dendrothele* Höhn. & Litsch. as the correct name for the genus. The necessary new combinations with *Dendrothele* (18) are made.

The name *Dendrothele* Höhn. & Litsch. was originally and has been repeatedly and consistently used in a limited sense to segregate aleurodiscoïd fungi with a spinulose hymenium—a feature which, taken alone, is now generally regarded as trivial. In a recent treatise on the genus *Aleurodiscus* Rabenh. ex J. Schroet. (sensu lato) the author (1964) rejected this stereotyped concept of *Dendrothele* and assembled most of the nonamyloid-spored aleurodiscoïd fungi under a new and taxonomically more meaningful generic name—*Aleurocorticium* Lemke. Included in this assemblage, however, was the type species of *Dendrothele*, [*D. papillosa* Höhn. & Litsch. =] *D. griseo-cana* (Bres.) Bourd. & Galz.

Since *Dendrothele* (1907) is a validly published and legitimate name, it might well have been adopted and extended to embody that generic concept put forward as *Aleurocorticium* (1964). The nomenclatural decision to do otherwise proves now to be unfounded (see Code, Arts. 51, 62). According to the dictates of the Code, *Aleurocorticium* is impriorable and superfluous (Art. 63), and should be abandoned in favor of *Dendrothele*—all of which invites the following nomenclatural revisions.

- D E N D R O T H E L E Höhn. & Litsch. in S.B. Akad. Wiss. Wien (Math.-nat. Kl. I) 116: 819. 1907. Type species: [*Dendrothele papillosa* Höhn. & Litsch. =] *Dendrothele griseo-cana* (Bres.) Bourd. & Galz.
- Aleurodiscus* subg. *Dendrophysium* Pilát in Ann. mycol. 24: 207. 1926 (pro parte).
Lectotype: [*Aleurodiscus acerinus* (Pers. per Fr.) Höhn. & Litsch. =] *Dendrothele acerina* (Pers. per Fr.) Lemke, comb. nov.
- Aleurodiscus* sect. *Rigidodiscus* T. Ito in Bot. Mag., Tokyo 43: 462. 1929 (pro parte).
Lectotype: [*Aleurodiscus acerinus* (Pers. per Fr.) Höhn. & Litsch. =] *Dendrothele acerina* (Pers. per Fr.) Lemke, comb. nov.
- Aleurocorticium* Lemke in Can. J. Bot. 42: 724. 1964 (superfluous name). Type species: [*Aleurocorticium acerinum* (Pers. per Fr.) Lemke =] *Dendrothele acerina* (Pers. per Fr.) Lemke, comb. nov.

The name *Dendrothele*, thus emended, replaces *Aleurocorticium*. For the taxonomic details concerning *Aleurocorticium* Lemke = *Dendrothele* Höhn. & Litsch. emend. Lemke consult the author (1964).

List of species referable to *Dendrothele* Höhn. & Litsch.
emend. Lemke

1. ***Dendrothele acerina*** (Pers. per Fr.) Lemke, *comb. nov.*
Thelephora acerina Pers. per Fr., Syst. mycol. 1: 453. 1821, Hymen. eur. 645.
1874; Pers., Mycol. eur. 1: 152. 1822.
2. *Dendrothele alba* Viégas in Rodriguésia 4 (13): 286. 1940 = *Dendrothele duthieae* Talbot in Bothalia 6: 478. 1956.
3. ***Dendrothele alliacea*** (Quél.) Lemke, *comb. nov.*
Corticium alliaceum Quél. in C.R. Assoc. fr. Avanc. Sci. 12: 505. 1884, Fl. mycol.
5. 1888.
4. ***Dendrothele biapiculata*** (G. H. Cunn.) Lemke, *comb. nov.*
Acanthophysium biapiculatum G. H. Cunn. in Bull. New Zeal. Dep. sci. indust.
Res. No. 145: 165. 1963.
5. ***Dendrothele candida*** (Schw.) Lemke, *comb. nov.*
Thelephora candida Schw. in Schr. naturf. Ges. Leipzig 1: 110. 1822; Fr.,
Elench. Fung. 1: 189. 1828 [nec *T. candida* (Schw.) Fr., Syst. Orb. veg.
82. 1825, Elench. Fung. 1: 168. 1828 (= *Tremellodendron candidans* (Fr.)
Donk].
6. ***Dendrothele dryina*** (Pers.) Lemke, *comb. nov.*
Thelephora dryina Pers., Mycol. eur. 1: 152. 1822.
7. ***Dendrothele fasciculata*** (G. H. Cunn.) Lemke, *comb. nov.*
Acanthophysium fasciculatum G. H. Cunn. in Bull. New Zeal. Dep. sci. indust.
Res. No. 145: 167. 1963.
8. *Dendrothele griseo-cana* (Bres.) Bourd. & Galz. in Bull. mycol. Soc. Fr. 28:
354. [1913], Hymen. Fr. 338. [1928].
Corticium griseo-canum Bres., Fung. trid. 2: 58. 1898 = *Dendrothele papillosa*
Höhn. & Litsch. in S.B. Akad. Wiss. Wien (Math.-nat. Kl. I) 116: 820. 1907.
9. ***Dendrothele incrustans*** (Lemke) Lemke, *comb. nov.*
Aleurocorticium incrustans Lemke in Can. J. Bot. 42: 739. 1964 (nomen generis
impriorabile)
10. ***Dendrothele lepra*** (Berk. et Br.) Lemke, *comb. nov.*
Stereum lepra Berk. & Br. in J. Linn. Soc. (Bot.) 14: 67. 1873.
11. ***Dendrothele macrodens*** (Coker) Lemke, *comb. nov.*
Aleurodiscus macrodens Coker in J. E. Mitchell sci. Soc. 36: 155. 1921
12. ***Dendrothele macrospora*** (Bres.) Lemke, *comb. nov.*
Corticium macrosporum Bres. in Ann. mycol. 6: 43. 1908.

13. ***Dendrothele maculata*** (Jacks. & Lemke) Lemke, *comb. nov.*
Aleurocorticium maculatum Jacks. & Lemke *apud* Lemke in Can. J. Bot. **42**: 742.
1964 (nomen generis impriorabile).
14. ***Dendrothele mexicana*** (Lemke) Lemke, *comb. nov.*
Aleurocorticium mexicanum Lemke in Can. J. Bot. **42**: 743. 1964 (nomen generis
impriorabile).
15. ***Dendrothele microspora*** (Jacks. & Lemke) Lemke, *comb. nov.*
Aleurocorticium microsporum Jacks. & Lemke *apud* Lemke in Can. J. Bot. **42**:
745. 1964 (nomen generis impriorabile).
16. ***Dendrothele moquiniara*** (Viégas) Lemke, *comb. nov.*
Aleurodiscus moquiniarum Viégas in Rev. Agric., Piracicaba **14**: 6. 1939.
17. ***Dendrothele nivosa*** (Berk. ex Höhn. & Litsch.) Lemke, *comb. nov.*
[*Stereum acerinum* (Pers. per Fr.) Fr. var. *nivosum* Berk. in Grevillea **1**: 165.
1873 (nomen nudum) =] *Aleurodiscus nivosus* (Berk.) ex Höhn. & Litsch.
in S.B. Akad. Wiss. Wien (Math.-nat. Kl. I) **116**: 808. 1907 ("Berk. et
Cke.").
18. ***Dendrothele pachysterigmata*** (Jacks. & Lemke) Lemke, *comb. nov.*
Aleurocorticium pachysterigmatum Jacks. & Lemke *apud* Lemke in Can. J. Bot.
42. 750. 1964 (nomen generis impriorabile).
19. ***Dendrothele pulvinata*** (G. H. Cunn.) Lemke, *comb. nov.*
Acanthophysium pulvinatum G. H. Cunn. in Bull. New Zeal. Dep. sci. indust.
Res. No. 145: 164. 1963.
20. ***Dendrothele seriata*** (Berk. & Curt.) Lemke, *comb. nov.*
Stereum seriatum Berk. & Curt. in J. Linn. Soc. (Bot.) **10**: 332. 1868.
21. ***Dendrothele strumosa*** (Fr.) Lemke, *comb. nov.*
Stereum strumosum Fr. in Nova Acta Soc. Sci. upsal. III **1**: 111. 1851.

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REFERENCE

- LEMKE, P. A. (1964). The genus *Aleurodiscus* (sensu lato) in North America. In Can. J. Bot. **42**: 723-768 10 fs.