



## *Myxarium nucleatum*

and look-alikes

Based on Spirin, Malysheva & Larsson 2017.

**Bold** - Known from the Netherlands and/or Flanders (Belgium)  
Dutch names between brackets

- 1 Basidia myxarioid (*Myxarium*) . . . . . 2  
Basidia not myxarioid (*Exidia*) . . . . . 5
- 2 Whitish mineral inclusions present, clearly visible to the naked eye. . . . . 3  
Whitish mineral inclusions absent (or at least not visible without lens) . . . . . 4
- 3 Fruitbody whitish or pale ochraceous, drying to an almost invisible film, speckled with mineral inclusions. . . . . (Klontjestrilzwam) ***M. nucleatum***  
(syn. *Exidia nucleata*)  
[Spirin et al., Nord. J Bot. 36\(3\)](#)
- Fruitbody ochraceous to brownish, upon drying remaining pustulate . . . . . *M. hyalinum*  
[Spirin et al., Nord. J Bot. 36\(3\)](#)
- 4 Spores 10-14 x 4.1-5.7 µm, Q = 2.43-2.53; on fissures in bark inhabited by stromatic pyrenomycetes (if only?). . . . . *M. cinnamomescens*  
[Spirin et al., Nord. J Bot. 36\(3\)](#)
- Spores 9-14 x 3.1-4.9 µm, Q = 2.72-2.95; on *Populus tremula* (if only?) . . . . . *M. populinum*  
[Spirin et al., Nord. J Bot. 36\(3\)](#)
- 5 Spores 14-18 x 5-7.5 µm . . . . . (Stijfselzwam) ***E. thuretiana***  
Jülich: 410  
H&K: 100
- Spores 9-15 x 3-5 µm . . . . . (*Exidia candida*) 6
- 6 Fruitbody soft gelatinous, easily cut; hyphidia not agglutinating to form an epihymenial membrane; often on *Tilia*. . . . . *E. candida* var. *candida*  
[Spirin et al., Nord. J Bot. 36\(3\)](#)  
Jülich: 410 (als *E. villosa*)
- Fruitbody tough gelatinous, not easily cut; hyphidia agglutinating above the basidia and covering these (epihymenial membrane); often on *Alnus* or *Betula* . . . . .  
. . . . . (Kraakbeentrilzwam) ***E. candida* var. *cartilaginea***  
[Spirin et al., Nord. J Bot. 36\(3\)](#)  
Jülich: 410 (als *E. cartilaginea*)  
H&K: 100 (als *E. cartilaginea*)

## Synoniemen

*Exidia villosa* nu *E. candida*

## Literatuur

Jülich, W. 1984. Die Nichtblätterpilze, Gallertpilze und Bauchpilze. Kleine Kryptogamenflora Band IIb/1. Gustav Fischer Verlag, Stuttgart

Hansen, L. & H. Knudsen (ed.) 1997. Nordic macromycetes Vol. 3. Heterobasidioid, Aphyllophoroid and Gastromycetoid Basidiomycetes. Nordsvamp, Kopenhagen

Spirin, V., V. Malysheva & K.-H. Larsson 2017. On some forgotten species of *Exidia* and *Myxarium* (Auriculariales, Basidiomycota). Nord. J Bot. 36(3). DOI 10.1111/njb.01601. [https://www.researchgate.net/publication/318135463\\_On\\_some\\_forgotten\\_species\\_of\\_Exidia\\_and\\_Myxarium\\_Auriculariales\\_Basidiomycota](https://www.researchgate.net/publication/318135463_On_some_forgotten_species_of_Exidia_and_Myxarium_Auriculariales_Basidiomycota)