



## Corticioid website

### on-line website on corticioid basidiomycetes

promoting open access fungal science  
<http://corticioids.webs.com>



## On-line key to *Subulicystidium* Parmasto

Sergio Pérez Gorjón<sup>1</sup>

<sup>1</sup>University of Salamanca, Salamanca, Spain. [spgorjon@gmail.com](mailto:spgorjon@gmail.com)

Editor: Sergio Pérez Gorjón. Submitted: 3 Apr 2014 - Published on-line: 3 Apr 2014

cite as: Gorjón SP (2014). On-line key to *Subulicystidium* Parmasto

<http://corticioids.web.com/keys/keySubulicystidium.pdf> (accession date)

- |                                                                                                              |                                                            |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| 1. Basidiospores acicular, Q>4 .....                                                                         | 2                                                          |
| 1. Basidiospores fusiform, cylindrical to reniform, Q<4 .....                                                | 5                                                          |
| 2. Basidiospores (9-)12-16(-18) × (1.8-)2-3 μm, Q=4-7 .....                                                  | <i>S. longisporum</i> (Pat.) Parmasto                      |
| 2. Basidiospores longer, Q>9 .....                                                                           | 3                                                          |
| 3. Basidiospores spirally curved, (25-)27-35(-38) μm long .....                                              | <i>S. curvisporum</i> Gorjón, Gresl. & Rajchenb.           |
| 3. Basidiospores straight or only slightly curved, shorter .....                                             | 4                                                          |
| 4. Basidiospores 20-27 × 2-3 μm, cystidial encrustation restricted to the middle part of the cystidium ..... | <i>S. cochleum</i> Punugu                                  |
| 4. Basidiospores 16-25 × 1.5-2.3 μm, cystidia encrusted in all the length .....                              | <i>S. perlongisporum</i> Boidin & Gilles                   |
| 5. Basidiospores 4-5 μm wide .....                                                                           | 6                                                          |
| 5. Basidiospores up to 4 μm wide .....                                                                       | 7                                                          |
| 6. Basidiospores navicular, 10-12 × 4.5-5 μm .....                                                           | <i>S. naviculatum</i> Oberw.                               |
| 6. Basidiospores phaseliform, 7-9.2 × 4-5 μm .....                                                           | <i>S. nikau</i> (G. Cunn.) Jülich                          |
| 7. Basidiospores (2.5-)3-4 μm wide .....                                                                     | 8                                                          |
| 7. Basidiospores 2-2.5(-3) μm wide .....                                                                     | 9                                                          |
| 8. Basidiospores short cylindrical, 6-8 × 3-3.6 μm .....                                                     | <i>S. allantosporum</i> Boidin & Gilles                    |
| 8. Basidiospores cylindrical to fusoid, slightly curved, (9-)11-13(-15) × (2.5-)3-4 μm .....                 | <i>S. obtusisporum</i> Duhem & H. Michel                   |
| 9. Basidiospores cylindrical, 6.5-8.5 × 2.2-2.5 μm .....                                                     | <i>S. meridense</i> Oberw.                                 |
| 9. Basidiospores cylindrical to fusiform or banana-shape, (6.5-)7.5-10 × 2-2.5(-3) μm .....                  | <i>S. brachysporum</i> (P.H.B. Talbot & V.C. Green) Jülich |

### References

- Boidin J, Gilles G (1988). Basidiomycètes *Aphylophorales* de l'Île de la Réunion XII - le genre *Subulicystidium* Parmasto. Bulletin de la Société Mycologique de France 104(3): 191-198.
- Duhem B, Michel H (2001). Contribution à la connaissance du genre *Subulicystidium* Parmasto 1968 (*Basidiomycota*, *Xenasmatales*). Cryptogamie, Mycologie 22(3): 163-173.
- Gorjón SP, Grelebin AG, Rajchenberg M (2011). *Subulicystidium curvisporum* sp. nov. (Hymenochaetales, Basidiomycota), from the Patagonian Andes. Mycotaxon 118: 47-52.
- Jülich W (1975). Studien an Cystidien. I. *Subulicystidium* Parm. Persoonia 8: 187-190.
- Liberta AE (1980). Notes on the genus *Subulicystidium*. Mycotaxon 10: 409-412.
- Punugu A, Dunn MT, Welden AL (1980). The peniophoroid fungi of the West Indies. Mycotaxon 10(2): 428-454.