

Table S13. Cnidocysts terminology used in the present study and recorded differently in other studies.

Cnidocysts (present study)	Congruent to	Reference
b-MASTIGOPHORES		
Medium, narrow, microbasic b-mastigophores with narrow, short to long shaft (1)	b-rhabdoide I; spirulae 1	Schmidt, 1969, 1972; den Hartog, 1977
Medium, broad microbasic b-mastigophores with broad, prominent shaft (1)	b-rhabdoide I; spirulae 2	Schmidt, 1969; den Hartog, 1977
Large, broad microbasic b-mastigophores with broad, prominent shaft (1)	b-rhabdoide I; spirulae 2	Schmidt, 1969; den Hartog, 1977
Large to medium b-mastigophores with v-notch and no “Faltstück”	p-rhabdoid I; penicilli 1	Schmidt, 1969; den Hartog, 1977
Large, broad microbasic b-mastigophores with very short “Faltstück”	penicilli 2	den Hartog, 1977
Large, broad microbasic b-mastigophores with medium sized “Faltstück” of different pattern (1)	b-rhabdoid II; penicilli 2	Schmidt, 1969; den Hartog, 1977
Large, broad microbasic b-mastigophores with long, irregular, coiled “Faltstück”	penicilli 2	den Hartog, 1977
ISORHIZAS		
Medium – large – very large isorhizas	holotrichs	Carlgren, 1940; Schmidt, 1972, 1974; Mariscal, 1974; Molodtsova <i>et al.</i> 2011; Spier <i>et al.</i> 2012; Stampar and Morandini, 2014; Stampar <i>et al.</i> 2015, 2020; Lopes <i>et al.</i> 2019
	homotrichs	Carter, 1965; den Hartog, 1977
	atrichs II	Stampar <i>et al.</i> 2014
SPIROCYSTS		
Small, medium to large spirocysts	spirocysts	Weill, 1934; Carlgren, 1940; Schmidt, 1974; Mariscal, 1974, 1977b; den Hartog, 1977; recent authors
PTYCHOCYSTS		
Small, medium, to large; broad, elongate, drop shaped ptychocysts	atrichs; atrichous 1	Carlgren, 1940; den Hartog, 1977; Mariscal, 1977a; Spier <i>et al.</i> 2012; Stampar <i>et al.</i> 2012, 2015, 2020; Stampar and Morandini, 2014; Lopes <i>et al.</i> 2019
Very large, broad, drop-shaped ptychocysts	atrichs	Carlgren, 1940; den Hartog, 1977

Abbreviations: (1), also recorded by Carlgren

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