



<https://doi.org/10.11646/phytotaxa.472.3.10>

Machado de Lima, N.M. & Branco, L.H.Z. (2020) Biological soil crusts: new genera and species of Cyanobacteria from Brazilian semi-arid regions. *Phytotaxa* 470 (4): 263–281.

Please note the Strain code and Holotype for *Pyncnacronema caatingensis* on page 266:

Representative sequences (GenBank codes–*Pyncnacronema caatingensis*, strain CATCA7): MT311243–partial 16S rRNA.

Holotype: formaldehyde-fixed sample of strain CATCB1 deposited in Herbarium SJRP (IBILCE/UNESP), Brazil, voucher number SJRP 32601, collected by Branco L. H. Z *et al.* in September, 2017.

Should read:

Representative sequences (GenBank codes–*Pyncnacronema caatingensis*, strain CATCC2)

Please note the Figure 3 on page 272:

Pyncnacronema arboriculum CATCC2
Konicacronema caatingens CATCB1
MT311249 *Trichocoleus caatingensis* CATCD2

Should read:

Pyncnacronema caatingensis CATCC2
Konicacronema caatingensis CATCB1
MT311250 *Trichocoleus caatingensis* CATCD2

Please note the lack of a description for the new species *Trichocoleus caatingensis*

Should read:

Trichocoleus caatingensis N.M. Machado-de-Lima et Branco, *sp. nov.* **Fig:** 2h.

Thallus dark blue-green. Filaments entangled, 2.0 µm wide. Sheaths firm, thin, colorless, hyaline. Trichomes cylindrical, constricted at the granulated cross walls, 2.0 µm wide. Cells cylindrical, isodiametric, 2.0–4.0 µm long. Cell content blue-green, homogeneous. Apical cells conical-obtuse to sharply pointed, without calyptra, 4.0–5.0 µm long.

Representative sequences (GenBank codes–*Trichocoleus caatingensis*, strain CATCD2: MT311250–partial 16S rRNA.

Etymology: L. adj. *caatingensis* = from Brazilian biome Caatinga.

Habitat: topsoil.

Please note the Genbank reference number for *Trichocoleus caatingensis* at TABLE S2, page 281:

1. *Trichocoleus caatingensis* CATCD2 (MT311249) -

Should read:

1. *Trichocoleus caatingensis* CATCD2 (MT311250) -

Please note the sample CATCB1 in the TABLE 1, page 264

Code	GPS Coordinates	Municipality	Altitude (m)
CATCC2, CATCC10	07°07'S; 36°08'W	Pocinhos	559
CATCB6, CATCB9, CATCB5	07°24'S; 36°19'W	Cabaceiras	420
CATCA7	07°27'S; 36°16'W	Cabaceiras	433
CATCD2, CATCB1	06°41'S; 36°03'W	Barra de Santa Rosa	458

Should read:

Code	GPS Coordinates	Municipality	Altitude (m)
CATCC2, CATCC10	07°07'S; 36°08'W	Pocinhos	559
CATCB6, CATCB9, CATCB5, CATCB1	07°24'S; 36°19'W	Cabaceiras	420
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CATCD2	06°41'S; 36°03'W	Barra de Santa Rosa	458