

Species *Nodosilinea coculeatus*

Etymology

coculeatus

Nomenclatural type

Strain: Ru1-11 = RYU A0060

Description

[Nuryadi et al., 2024](#): Thallus forms blue-green fasciculate, thin layer mats in culture conditions. Filament typically very thin, straight or sometimes curvy. Sheath generally thin, colorless. Trichome blue-green, composed from barrel shaped-cells or sometimes almost isodiametric. Cell dimension usually longer (1.4–2.7 µm) than wide (1.2–1.5 µm), cells well separated by cross-walls, not granulated, heterocytes or other specialized cells absent. Apical cells rounded without calyptra. Forming spiral shape in nitrogen-depleted condition. Forming hormogonia by straight trichome fragmentation without necridic cell in reproduction process.

Classification

Bacteria » *Cyanobacteriota* » *Cyanophyceae* » *Nodosilineales* » *Nodosilineaceae* » *Nodosilinea* » “*Nodosilinea coculeatus*”

References

Effective publication: Nuryadi et al., 2024 [1]

Registry URL

<https://seqco.de/i:48666>

References

1. Nuryadi et al. (2024). Discovery of novel *Nodosilinea* species (Cyanobacteria, Nodosilineales) isolated from terrestrial habitat in Ryukyus campus, Okinawa, Japan. *Algae*. DOI:10.4490/algae.2024.39.6.5