A New Species of Spirogyra

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A NEW SPECIES OF SPIROGYRA

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**Spirogyra hymerae** n. sp.

Vegetative cells 83–92 x 43–256 μ, with plane end walls; 2–4 chromatophores, usually 3, making 0.5–2 turns in the cell; conjugation scalariform, tubes formed by both cells; receptive gametangia cylindrical or slightly enlarged; zygosporae mostly ellipsoid, 53–79 μ x 83–128 μ, all walls smooth, median wall yellow.

Cellulis vegetatvis 83–92 x 43–256 μ, dissepimentis planis; chromatophoris 2–4, anfractibus 0.5–2; conjugatione scalarii; tubo ex utraque cellula conjuganda emisso; cellulis fructiferis cylindricis, vel paululum inflatis; zygosporis ellipsoideis 53–79 μ x 83–128 μ, mesosporio laevi, flavescente.

To be compared with *Spirogyra setiformis* (Roth) Kuetzing from which it differs in number of chromatophores and smaller size.

Collected by the authors from a small pond at Hymera, Sullivan County, Indiana, September 10, 1936.

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