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CONTRIBUTION TO THE LICHEN FLORA OF BRAZIL.
XXXV. ADDITIONS TO THE RIO GRANDE DO SUL
LICHEN FLORA.

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ABSTRACT: *Contribution to the lichen flora of Brazil. XXXV. Additions to the Rio Grande do Sul lichen flora.*— Three species are added to the Rio Grande do Sul lichen flora. *Ramalina laevigata* is recorded for Rio Grande do Sul Highlands for the first time.

RESUMEN: *Contribución a la flora líquénica del Brasil. XXXV. Adiciones a la flora de Río Grande del Sur.*— Se añaden tres especies para la flora líquénica de Río Grande del Sur. *Ramalina laevigata* se registra por primera vez para el planalto de este Estado.

Key words: Brazil - Lichens - Taxonomy - Distribution.

Palabras clave: Brasil - Líquenes - Taxonomía - Distribución.

Introduction

In the present paper 4 lichen species are reported for Rio Grande do Sul State, Brazil, due to the fact that they are new State records or enlarge the known distribution remarkably. The collections below mentioned are housed in the author's private herbarium.

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List of species

Arthopyrenia cinchonae (ACH.) MÜLL. ARG.

RS: Torres, Lajeadozinho, on trunk of *Cedrela*, 24.XI.1980, OSORIO & FLEIG

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T/12. det R. HARRIS 1986.
First State record.

Cryptothelium chlorogastricum (MÜLL. ARG.) ZAHLBR.
RS: Torres, Lajeado, on trunk of *Ocotea*, 24.XI.1980, OSORIO & FLEIG T/14. det. R. HARRIS 1997.
First State record.

Ramalina gracilis (PERS.) NYL.
RS: Torres, Morro Itapeva, on rocks crevices, lower aerohaline zone, alt. 1-5 m. 12/13.X.1984. OSORIO & FLEIG 3T/29.
First State record.

KASHIWADANI & KALB (1993:19) point out that this taxon is the most common *Ramalina* species in Brazil. At the present state of our knowledge this statement is not valid for the lichen flora of Rio Grande do Sul. In this State *Ramalina celsa* is the species more frequently gathered (FLEIG 1988:14, 1995:422, OSORIO 1985:47, OSORIO, AGUIAR & HOMRICH 1981:80, OSORIO, AGUIAR & ZANETTE 1980:7, OSORIO, BAGINSKI & PINHEIRO 1983:195, OSORIO & FLEIG 1983:140, 1985:4, 1987:6, 1988:5, 1989:3, 1990a:326, 1990b:4, 1994:5, OSORIO & HOMRICH 1978:453).

Ramalina laevigata FRIES
RS: Cambara do Sul, Taimbezinho, on rocks, brook shore, sometimes covered by water, alt. 1000 m, 20.IV.1982, OSORIO & FLEIG Ta/13.
First record for Rio Grande do Sul Highlands.
Previously known in Rio Grande do Sul from a sample gathered in the SE of the State (MALME 1935:5).

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