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CONTRIBUTION TO THE LICHEN FLORA OF ARGENTINA XIV.

LICHENS FROM ENTRE RIOS PROVINCE.

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The lichen flora of the Entre Ríos Province notwithstanding its proximity to Buenos Aires City is practically unknown today. In the literature at our disposal only two papers dealing with the lichen flora of this Province could be found: MÜLLER ARG. (1889) reported some collections gathered in the vicinity of Concepción del Uruguay and OSORIO (1975) who listed species collected in Rivadavia Park near Concordia City. Both collections sites are placed in the close proximity of the Uruguay River. With the exception of some isolated literature records, there is no information about the remainder of the Province.

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During the XVI Jornadas Argentinas de Botánica, which took place in Paraná City in October 1977, the author was invited by the Ing. Agr. J. de D. Muñoz to collect lichens in the "Parque Provincial Gral. San Martín". In this Park, which is a Natural Reserve placed 25 km N from Paraná City there is a little disturbed xerofilous wood with many specimens from *Acacia caven* and *Prosopis* sp. All the specimens gathered by the author were found growing on indigenous trees and are preserved in his private herbarium.

To the above mentioned collection we have added in the present list some species gathered by the Ing. Agr. J. de D. Muñoz and preserved at MVM. In spite of the reduced number of species listed we have considered a matter of interest to publish the results obtained as a contribution to the knowledge of the lichen flora of the Paraná River.

If nothing else is also stated all the species enumerated were collected within the Park, collections from others localities of Entre Ríos are specifically pointed out.

Bacidia alutacea (KREMP.) ZAHLBR.

Depto. Paraná, El Palenque, on *Prosopis nigra*, 7.7.1977,
Muñoz s.n.

Caloplaca crocea (KREMP.) HAF. & POELT.

On *Acacia caven*, 20.8.1977, Muñoz s.n.; on *Prosopis nigra*,
Osorio 7647.

Caloplaca erythrantha (TUCK.) ZAHLBR.

On bark, 25.5.1977, Muñoz s.n.; Depto. Villaguay, Colonia Oficial N° 2, on bark, Muñoz 12.

Caloplaca scabrida MAGN.

On *Prosopis nigra*, Osorio 7649.

Candelaria fibrosa (FR.) MÜLL. ARG.

On small branches, Muñoz 26; on *Prosopis nigra*, Osorio 7646.

Dirinaria applanata (FÉE) AWASTHI.

On bark, Muñoz 11; on trunk of *Acacia caven*, Osorio 7635.

Heterodermia albicans (PERS.) SWINSC. & KROG.

On *Acacia caven*, Osorio 7637.

Heterodermia diademata (TAYL.) AWASTHI.

On bark of *Geoffroea decorticans*, Osorio 7628.

Lecanora cinereo - carnea (ESCHW.) VAINIO.

Parque Mutio, on bark, Muñoz 16. Due to deficient knowledge of the taxonomy of the genus *Lecanora* in South America our identification must be considered as tentative.

Leptogium austroamericanum (MALME) DODGE.

On bark, Muñoz 7.

Leptogium coralloideum VAINIO.

On trunk of *Prosopis nigra*, Osorio 7644.

Ochrolechia subpallescens VERS.

Depto. Diamante, Diamante, on *Acacia caven*, 15.8.1977,
Muñoz s.n.

Parmelia microsticta MÜLL. ARG.

On branches of *Acacia caven*, Osorio 7638.

Parmelina lindmanii (LYNGE) HALE.

On bark of *Geoffroea decorticans*, Osorio 7630.

Parmelina pilosa (STIZBG.) HALE.

On bark, Muñoz 6.

Parmotrema reticulatum (TAYL.) CHOISY.

On bark, Muñoz 20; on trunk of *Prosopis nigra*, Osorio 7648.

Parmotrema subsumptum (NYL.) HALE.

On branches of *Prosopis nigra*, Osorio 7645.

Pertusaria pulchella MALME.

Depto. Victoria, Victoria, on *Prosopis affinis*, 10.8.1977,
Muñoz s.n.

Physcia crispa NYL.

On *Prosopis*, Osorio 7643.

Physciopsis syncolla (TUCK.) POELT.

On bark, Muñoz 19.

Pseudoparmelia carneopruinata (ZAHLEBR.) HALE.

On *Acacia caven*, Osorio 7640.

Pseudoparmelia exornata (Zahlbr.) Hale.

Depto. Diamante, Diamante, on *Salix humboldtiana*, 25.6.1977, Muñoz s.n.; Crespo, on bark, 16.6.1977, Muñoz s.n.

Pseudoparmelia texana (Tuck.) Hale.

On *Acacia caven*, Osorio 7641.

Pyxine pringlei Imsh.

Depto. Uruguay, Palacio San José, on bark, Muñoz 8. This is the southernmost record known of this species in Argentina.

Ramalina celastri (Spreng.) Krog & Swinsc.

On branches of *Acacia caven*, Osorio 7631.

Ramalina complanata (Sw.) Ach.

Substrate unknown, Muñoz 4; on branches of *Acacia caven*, Osorio 7632, 7633.

Teloschistes chrysophthalmus (L.) Th. Fr. var. *cinereus* Müll. Arg.

On small branches of *Acacia caven*, Osorio 7636.

Teloschistes exilis (Michx.) Vainio.

On bark, Muñoz 21; on branches of *Acacia caven*, Osorio 7634.

Usnea dichroa MOT. var. *spinulosa* MOT.

Depto. La Paz, Paso Yunque, on *Salix humboldtiana*, 28.7.1977, Muñoz s.n. This is the southernmost record known of this species in Argentina.

Usnea sulcata MOT.

Depto. La Paz, Paso Yunque, on *Salix humboldtiana*, 28.7.1977, Muñoz s.n.

Xanthoria fallax (HEPP.) ARN.

On bark of *Geoffroea decorticans*, Osorio 7629.

SUMMARY

Thirty - one lichen species, mostly collected in the "Parque Provincial Gral. San Martín" near Paraná City, Entre Ríos Province are listed. The southernmost records known in Argentina for *Pyxine pringlei* and *Usnea dichroa* var. *spinulosa* are pointed out.

SUMARIO

Se enumeran treinta y una especies de líquenes en su mayoría colectados en el "Parque Provincial Gral. San Martín" cerca de la ciudad de Paraná, Provincia de Entre Ríos. Se señalan los registros más australes en Argentina de *Pyxine pringlei* y *Usnea dichroa* var. *spinulosa*.

LITERATURE CITED

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