**CONTRIBUTION TO THE LICHEN FLORA OF BRAZIL
III. LICHENS FROM WESTERN PARANÁ.**

**CONTRIBUIÇÃO À FLORA LIQUENOLÓGICA DO BRASIL
III. LIQUENS DA REGIÃO OESTE DO PARANÁ.**

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RECEBIDO EM 25/04/77

APROVADO EM 05/05/77

The present paper is based on lichens collected by Ing. Agr. J. E. Montes in western Paraná. The localities which provided the specimens collected are: PUERTO GUAYRA (PG): 24° 04' S — 54° 15' W and PUERTO MENDEZ (PM): 24° 30' S — 54° 15' W.

Nineteen of the species mentioned in this article have been already reported for the locality of GUARAPUAVA in the central south region of this State (Osório 1977).

Other three species have been cited by different authors for Paraná such as detailed with each of them. According with the literature at our disposal, the remaining seventeen species are recorded for Paraná State for the first time and in the present issue are marked with an asterisk.

All the below-mentioned collections are corticolous and preserved in the author's private herbarium. The numbers between parenthesis correspond to the collector's numbering system.

List of species.

- (*) **Anaptychia casarettiana** Mass
PG: (10143.a.).
PM: (10134.a & b., 10135.a.).

- (*) **A. corallophora** (Tayl.) Vain.
PG: (10143.b.).

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- (*) **A. domingensis** (Ach.) Mass.
PM: (10128.h.).
- (*) **A. obscurata** (Nyl.) Vain.
PG: (10143.c.).
PM: (10128.f.).
- A. vulgaris** (Vian.) Kurok.
PG: (10138).
- Coenogonium interpositum** Nyl.
PG: (10145.c.).
PM: (10136.c.).
- Coccocarpia erythroxili** (Spreng.) Swinsc. & Krog.
PM: (10136.b.).
- (*) **Dirinaria applanata** (Fée) Awast.
PM: (10135.c.).
- Hypotrachyna intercalanda** (Vain.) Hale
PM: (10123.b., 10126.e., 10128.a.).
- (*) **Leptogium coralloideum** Vain.
PG: (10144.c.).
PM: (10133.d.).
- (*) **L. cyanescens** (Ach.-Körb.
PG: (10144.d.).
PM: (10133.g.).
- L. marginellum** (Sw.) S. Gray
PG: (10144.e.).
PM: (10133.b.).
- (*) **L. phyllocarpum** (Pers.) Mont.
PM: (10124.d., 10133.e., h., i.).
- (*) **L. stipitatum** Vain.
PM: (10133.a., f.).
- L. tuckermanni** Dodge.
PM: (10125.c; 101 .c.).
- Lobaria conformis** Vain.
PG: (10142.a.). Det. I. Yoshimura.
PM: (10132.e., 10136.c.).
- L. crenulata** (Hook. in Kunth) Trev.
PG: (10142.b.). Det. I. Yoshimura.

- (*) **Parmelina consors** (Nyl.) Hale
PM: (10127.b. & d., 10129.c.).
- Parmotrema argentinum** (Kremp.) Hale
PM: (10127.c.).
- Parmotrema cetratum** (Ach.) Hale
PG: (10137.e.).
PM: (10127.a.). Det. M. Hale.
- (*) **P. delicatulum** (Vain.) Hale
PM: (10127.h.).
- (*) **P. leucosemorrhizum** (Hue) Hale
PG: (10137.c.). det. M. Hale.
- P. melanothrix** (Mont.) Hale
PG: (10137.a.). Already recorded from Paraná by Hale (1965).
- P. mesotropum** (Müll. Arg.) Hale
PM: (10127.f., 10128.e.).
- P. sancti-angelii** (Lynge) Hale
PM: (10132.f.).
- (*) **P. subcaperatum** (Kremp.) Hale
Specimens with salacinic acid:
PM: (10127.g., j., k., l.).
Specimens with cryptochlorophaeic acid.
PM: (10127.i., 10129.b.).
- P. subrugatum** (Kremp.) Hale
PM: (10132.a.).
- P. tinctorum** (Nyl.) Hale
PG: (10137.b.).
PM: (10124.b., 10127.e., 10128.d., 10132.c.).
- (*) **Pseudoparmelia carneopruinata** (Zahlbr.) Hale.
PM: (10127.c.).
- Physcia alba** (Fée) Müll. Arg. var. *obsessa* (Mont.) Lynge.
PM: (10130.b., 10134.c.).
- (*) **Pseudocyphellaria aurata** (Ach.) Vain.
PM: (10131.c.).
- Ps. clathrata** (De Not.) Malme
PG: (10142.c., 10145.b.).
PM: (10124.a., 10131.a., 10132.b., 10136.a.).

Pyxine berteriana (Fée) Imsh.
PM: (10126.c., 10132.g.).

Ramalina celastri (Spreng.) Krog & Swinsc.
PG: (10141.i.).
PM: (10126.a.).

(*) **R. complanata** (Sw.) Ach.
PM: (10126.d.).

Sticta weigelia (Ach.) Vain.
PG: (10145.a.).
PM: (10131.b., 10133.j., 10133.k., 10136.e.).

(*) **Teloschistes exilis** (Michx.) Vain.
PG: (10141.b.).

T. flavicans (Sw.) Norm.
PG: (10141.b.). Already recorded from Paraná by Müller
Arg. (1891).

Usnea poliotrix Kremp.
PG: (10141.g.). Already recorded from Paraná by Motyka
(1936-38).

RESUMO

Do trabalho consta a enumeração de trinta e nove espécies de líquens, coletadas em Pôrto Guaira e Pôrto Mendez, oeste do Paraná, Brasil. Foram acrescentadas dezessete espécies à relação daquelas já conhecidas como pertencentes à flora do Paraná.

PALAVRAS CHAVE: líquens, oeste do Paraná.

SUMMARY

Thirty-nine lichens collected in Puerto Guayra and Puerto Mendez, Western Paraná, Brazil, are enumerated. Seventeen species are added to the known flora of Paraná.

KEY WORDS: Lichens, Western Paraná.

RÉSUMÉ

Les auteurs présentent une liste de trente-neuf lichens recueillis à Port Guayra et à Port Mendez, à la région occidentale du Paraná, Brésil. Parmi les espèces constantes de cette liste, dix-sept sont des

nouvelles espèces de lichens ajoutées à la flore connue de cette région.

MOTS CLÉS: Lichens, Paraná occidental.

ACKNOWLEDGMENTS

Thanks are given to Drs. M.E. Hale, Jr. and I. Yoshimura for the identification of some **Parmotrema** and **Lobaria** species respectively.

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