

NAME: Lemaireocereus weberi (Coult.) Brit. & Rose

EXTRACTOR:

FAMILY:

DISTRIBUTION:

Genus:

Species:

STATUS:

Date:

ONS:

Preliminary Active:

Confirmed Active:

ACTIVE SAMPLE:

Source: Mexico

Content: *wh pl*

Date of Collection:

Number:

RECOLLECTION:

PR No.:

Content:

Date:

Source:

44932

23# st

11/75 ES-90 Mex.

McLaughlin

See 3/19/75 ltr from Dr. Jerry McLaughlin, Purdue Univ., Indiana. (20#) \$5/26

Talk to Sallee. Explain to him that this collection will be paid by Purdue Univ. Ship to us (we will pay shipping)

per REP

Speed memo to Sallee 4-8-75 (20#)

M

PURDUE UNIVERSITY
SCHOOL OF PHARMACY AND PHARMACAL SCIENCES
WEST LAFAYETTE, INDIANA 47907

DEPARTMENT OF MEDICINAL
CHEMISTRY AND PHARMACOGNOSY

March 19, 1975

Dr. Robert E. Perdue, Jr.
Chief, Medicinal Plant Resources Laboratory
Agricultural Research Service
United States Department of Agriculture
Building 265
Poultry Road
BARC-East
Beltsville, Maryland 20705

Dear Dr. Perdue:

This letter is a follow-up to our phone conversation of yesterday regarding problems we have been having in obtaining the cactus plant, Lemaireocereus weberi (Coult.) Brit. and Rose from Mexico.

The species grows in central Mexico. It is a large tree-like cactus and is quite abundant in its natural habitat. It should not be difficult to collect.

August

We need a minimum of 2 kg. (5 pounds) for alkaloid analysis. We would like to have more if possible, but this would give us enough to do a phytochemical project. For this minimal quantity I am prepared to pay up to \$100.00. The research is funded by an NIH grant (GM 21, 211), entitled "Cacti as Drugs of Abuse."

When we have excess plant material we routinely make extracts of 300 g for the NCI Anti-tumor Screen. This is done with the co-operation of Dr. Cassady in our department who has grants from the National Cancer Institute for plant anti-tumor studies.

I have a plant import permit number and a copy is enclosed. I should add that this document is worthless since I have yet to receive any shipment of imported plants although several have been sent.

Our efforts to obtain the material have all been frustrated and unsuccessful. We are working with Dr. H. Sanchez-Mejorada at the Department of Botany, Universidad Nacional Autonoma de Mexico in Mexico City. Dr. Sanchez-Mejorada is a qualified cactologist and

Should be easy to collect but may be difficult to dry. Try for 20 pounds @ \$5

(Payment by Purdue Univ.)


*This will
partly
cover
paying
shipping
Cost*

is editor of a well-known cactus and succulent journal. I am sure he could help anyone in locating plant material and identifying it prior to shipment. In addition, he might be able to help someone in drying the material.

Any help you can give us on this project would be most appreciated. We would like to receive the plant material as soon as possible. We have been trying to get the material for the last three years.

Kind personal regards.

Sincerely,


Jerry L. McLaughlin, Ph.D.
Associate Professor of Pharmacognosy

JLM:ds

Enclosure

c.c. Dr. H. Sanchez-Mejorada

U. S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
PLANT PROTECTION AND QUARANTINE PROGRAMS
209 RIVER STREET, HOBOKEN, N. J. 07030

IMPORT PERMIT FOR PLANTS AND PLANT PRODUCTS

NO.

37-28056
REVISED

NAME AND ADDRESS OF PERMITTEE (Include Zip Code)

Jerry L. McLaughlin
School of Pharmacy and
Pharmaceutical Sciences
Purdue University
Lafayette, Indiana 47907

VALID

THROUGH JUNE 30, 1978

Permittee should notify Plant Quarantine Division promptly of change of address.

UNDER AUTHORITY OF THE PLANT QUARANTINE ACT, AS AMENDED, PERMISSION IS HEREBY GRANTED TO PERMITTEE TO IMPORT
IN ACCORDANCE WITH:

Quarantine No. 37

THE PLANTS OR PLANT PRODUCTS HEREIN SPECIFIED, GROWN OR PRODUCED IN:

Various Countries

THROUGH THE PORT OR PORTS OF:

Brownsville
Laredo
Miami

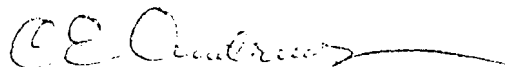
QUANTITY AND DESIGNATION OF PLANTS OR PLANT PRODUCTS

REGULATION 6: SUCCULENTS

TRANSMIT YOUR PERMIT NUMBER TO
YOUR SHIPPER BUT RETAIN YOUR PERMIT

SIGNATURE OF AUTHORIZING OFFICIAL

C. E. ANDREWS



DATE OF ISSUANCE

May 30, 1973

FORM 907

EXISTING STOCK OF AQI FORM 907, APR. 1972, WILL BE USED UNTIL EXHAUSTED