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Boris Alexander Krukoff Papers, *circa* 1929-1975

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Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., <i>osiaref@si.edu</i>
Creator:	Krukoff, Boris Alexander, 1898-1983
Title:	Boris Alexander Krukoff Papers
Dates:	<i>circa</i> 1929-1975
Quantity:	8 linear meters.

Administrative Information

Preferred Citation

Smithsonian Institution Archives, Record Unit 7435, Krukoff, Boris Alexander, 1898-1983, Boris Alexander Krukoff Papers

Historical Note

Boris Alexander Krukoff (1898-1983) was a Consulting Forester and Economic Botanist with United States Rubber Company, Chicle Company, and Merck Company. He made a number of expeditions to South America and Africa, 1929-1955, where he collected botanical and wood specimens. He held the positions of Honorary Curator at the New York Botanical Garden and Consulting Botanist at Merck Sharp and Dohme Research Laboratory. His special interests were gum-yielding trees and botanical sources of crude drugs.

Introduction

This finding aid was digitized with funds generously provided by the Smithsonian Institution Women's Committee.

Descriptive Entry

This record unit consists of Krukoff's personal files of correspondence, specimen lists, and reports relating to his collections. Also included are extensive files on cinchona and gum yielding trees.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Botany
Natural history

Names:

United States Rubber Company

Container Listing

Box 1

Original List for Box 1

Original Master Index

Ledger - South American Samples

Krukoff, B. A.

1st African Collection - Botanical Specimens, 1930

1st African Collection - Woods, 1930

1st African Collection Insular Lumber Company

1st Sumatran Collection - Botanical Specimens, 1930

1st Sumatran Collection - Woods, 1930

2nd Sumatran Collection - Botanical Specimens, 1932

2nd Sumatran Collection - Woods, 1932

1st Brazilian Distribution - Botanical Specimens, 1931/1932

3rd Brazilian Expedition - Botanical Specimens, 1931/1932

2nd Brazilian Distribution - Botanical Specimens, 1931/1932

2nd Brazilian Distribution - Woods, 1931/1932

3rd Brazilian Distribution (4th Brazilian Expedition - Jurua and Purus)

3rd Brazilian Distribution (4th Brazilian Expedition - Jurua and Purus)

4th Brazilian Distribution (5th Brazilian Expedition - Madeira) - Botanical specimens and woods (1934)

5th Brazilian Distribution (6th and 7th Brazilian Expedition - Solimoes) - Botanical specimens and woods (1936/1937)

6th South American Distribution (8th Expedition to (Bolivia) South America) - Botanical specimens (1939)

6th South American Distribution (8th Expedition to (Bolivia) South America) - Woods (1939)

6th South American Distribution (8th Expedition to (Bolivia) South America) - Distribution of botanical sets (1939)

6th South American Distribution (8th Expedition to (Bolivia) South America) - Specialists' correspondence and lists of determinations (1939)

Correspondence with specialists (identification of Brazilian collections only)

Lists of Determinations (identification of Brazilian collections only)

Localities of Krukoff's collections of botanical specimens and wood samples in the Amazon region

Maps of Brazilian Amazonia (see also Oversize)

Krukoff's collection from Surinam

Froes' collections in the state of Maranhao (1939-1940)

Correspondence with Froes (1938-1941)

Brazilian collections of woods - 1st, 2nd and 3rd Distributions - New York State College of Forestry, Syracuse

Brazilian collections of woods - 4th Distribution - Smithsonian Institution

Brazilian collections of woods - 5th and 6th Distribution - Field Museum of Natural History

Box 2

Map of the state of Piauhly (2 folders)

1st Brazilian Expedition - (States of Maranhao and Piauhly), May 1928-January 1929

2nd Brazilian Expedition - (State of Para), January-May 1929

Trips to Chile and Spain (Cultural experiments with Guayule Rubber), August 1929-April 1930

Map of Trinidad

Maps of Guatemala and Mexico

2nd Expedition to West Coast of Africa (Exploration for Strophanthus), 1949/1950

Current File - Additional Determinations of Krukoff's collections

Original Lists for Box 2

Strychnos and Menispermaceae, both papers by Dr. Robert Cockrell

Erythrina, Dr. E. C. Harrar

Light weight woods, Dr. Irma Webber, Dr. D. Kribs

Projects on wood anatomy of various groups of plants

Project on plants of extra-tropical South America

Project on Puerto Rican plants

Distribution of Dr. Ducke's sets of botanical specimens

Purchase of Brenes Herb (plants from Costa Rica)

Distribution of odds and ends of 8 collections from South America and of collections in the States

Disposition (in part) of Krukoff's Herbarium

E. Merck exhibit at the New York Botanical Garden

Erythrina (various papers) by B. A. Krukoff and Atchison Earline

Erythrina paper by B. A. Krukoff et al

Erythrina papers not by Krukoff et al

Erythrina Alkaloids papers

Menispermaceae papers by Krukoff et al

Menispermaceae papers not by Krukoff et al

Strychnos papers

Strychnos papers Krukoff et al, 1965-1973

Strychnos papers by Adolphe Ducke

Strychnos papers not by Krukoff et al or Ducke

Strychnos papers - African

Strychnos papers - Asiatic

Strychnos papers - American

Curare book "Green Medicine" and correspondence (2 folders)

"Green Medicine" by Margaret King

Box 3

"Arrows of Mercy," by Philip Smith

Curare Book "Arrows of Mercy," by Philip Smith - Correspondence

Curare various papers (2 folders)

"Curare," by A. R. McIntyre

Curare - Mostly correspondence re: botanical components of various curare

Correspondence with various chemists working on Curare or bark of Strychnos

Correspondence with Dr. A. Ducke and Dr. F. C. Camargo re: Strychnos

Correspondence (on Strychnos) with Dr. N. Y. Sandwith
Strychnos Correspondence with Adolphe Ducke (1942-1956)
Strychnos Correspondence with Prof. G. B. Marini Bettolo, 1963-1969
Strychnos Correspondence with Prof. G. B. Marini Bettolo, 1970-1974
Strychnos Correspondence with Dr. N. G. Bisset
Strychnos Correspondence with Va-Rion chemists
Strychnos Correspondence with various botanists
Strychnos Correspondence with various collectors
Menispermaceae correspondence with H. N. Moldenke, 1940-1966
Menispermaceae correspondence with Jose Schunke, 1969-1973
Strychnos and Menispermaceae correspondence with Dr. J. Murca Pires and Nilo Silva
Menispermaceae correspondence with various chemists, botanists and collectors
Erythrina, Dr. Folkers' file on samples, alkaloids, assays, patents, etc.
Correspondence Dr. Samuel Aynes and Los Angeles Beautiful
Correspondence various subjects, Rupert Barneby
Correspondence various subjects, Chilean T. Prance
Correspondence Ormosia
Papers and Manuscripts Ormosia
Dr. Folkers' work on Strychnos and Menispermaceae
Ryania

Box 4

Lonchocarpus (Rotanone yielding plants)
Simaroubaceae and Survey of plants for Anti-malarial Activity
History of the Cinchona Project, by Frederic Rosentgarten, Jr.
Strophanthus and raw material for cortisone
Cinchona (various papers)
Apocynaceae (various papers)
Sapotaceae (various papers)

Ficus, Rauwolfia, etc.

List of Lantern Slides (Lantern slides removed to Box 14)

The Merck Index

Various lists of papers

Papers published by Ghillean T. Prance, from 1963-1973

Papers published by recipients of B. A. Krukoff Fellowship in 1971-1972

Distribution of reprints of papers by B. A. Krukoff et al

Original lists for Box 4

Papers by various authors on phytogeography of Brazilian Amazonia and interesting plants

B. A. Krukoff's collections of fishes

Arnold Arboretum

Catholic University

Carnegie Museum

Field Museum

Missouri Botanical Garden

Dr. Fosberg

University of California

University of Michigan

Stanford University

Yale University

U. S. National Museum

Butler University (Dr. Friesner)

University of Washington

Miscellaneous domestic institutions (Bishop Museum, Cornell, etc.)

Africa - Algeria - Mons. A. Faure

Africa - Durban, Union of South Africa (Helena Forbes)

Australia - Brisbane Botanical Garden (Dr. C. T. White)

New Zealand

India and Ceylon - Peradeniya Botanical Gardens

Japan
Dutch East Indies (Buitenzorg)
Austria - Wiena (Vienna)
Belgium - Brussels
Czechoslovakia
England
France
Germany, Berlin Botanical Gardens
Germany, Munchen
Germany, Hamburg
Holland, Utrecht
Italy
Portugal
Switzerland (Geneve)
USSR
Argentina - Tucuman
Argentina - Various institutions
Brazil - Dr. Duke and Dr. Kuhlmann
Brazil - Dr. Hoehne
Brazil - Various Institutions, etc.
Colombia
Chile
Ecuador
Paraguay
Peru
Surinam
Uruguay
Venezuela
Central America

Report on Guatemala, Costa Rica, etc. (2 folders)

French Cameroon

Box 5

Letters, of introduction, addresses, etc.

Correspondence, etc.

Handwritten copy of a report on Guatemala, Costa Rica, etc.

Handwritten copy of a report on Colombia, and Brazil

Handwritten copy of a report on Liberia, French and British Cameroons

Handwritten copy of a report on Belgian Congo, Nigeria and
Recommendations

Guayule Rubber (*Parthenium argentatum*)

Production of rubber during the War

Clippings for Adams Set

Trip to Manaus (Brazil) and Rio Negro (March/April 1941)

Reports on project with gum yielding trees

Report on trees from the Amazon Valley yielding gums

Maps showing distribution of trees producing gums (2 folders)

Mr. Gilly's progress reports

Identifications lists (1941-1942)

Identifications lists (Gilly's file)

Loans of Sapotaceae for studies by Mr. Gilly

Descriptions of new species in Sapotaceae (clippings for Herbarium)

Distribution of sets of Froes' collections of botanical specimens of trees
yielding gums

Froes' Explorations of the Upper Solimoes - Localities of Froes' collections

Froes' Explorations of the Upper Solimoes - Various data on trip

Froes' Explorations of the Upper Solimoes - Complete set of Froes' field
labels (2 folders)

Froes' Explorations of the Upper Rio Negro

Froes' Explorations in the State of Bahia, Specimens of gum yielding trees,
Specimens of "medicinal" plants

Froes' Explorations of the Upper Jurwa, Froes' reports and various data on trip

Box 6

Froes' Explorations of the Upper Jurua

Various indexes of botanical specimens and gum samples

Wood Samples

Twigs, leaves and pollen for anatomical studies

Literature file on gum yielding trees, etc., Volume 1 (2 folders)

Literature file on gum yielding trees, etc., Volume 2

Survey of world resources of crude gums - Papers and summaries

Survey of world resources of crude gums - Mexico and Guatemala - Surveys by James D. Lacey & Co.

Survey of world resources of crude gums - Central America

Survey of world resources of crude gums - Colombia

Survey of world resources of crude gums - Venezuela

Survey of world resources of crude gums - British Guiana

Survey of world resources of crude gums - Surinam

Survey of world resources of crude gums - Southern Brazil

Survey of world resources of crude gums - Bolivia

Survey of world resources of crude gums - Malaya, Sumatra & Sarawak (mostly about "Jelutong")

Survey of world resources of crude gums - South Africa

Survey of world resources of crude gums - Nigeria

Survey of world resources of crude gums - India

Summary of gum production by Chicle Development Corporation (CDC), 1941

Summary of gum production by CDC, 1942 (January-June)

Summary of gum production by CDC, 1942 (July-December)

Summary of gum production by CDC, 1943 (January-June)

Summary of gum production by CDC, 1943 (July-December)

Summary of gum production by CDC, 1944 (January-June)

Summary of gum production by CDC, 1944 (August-December)

Box 7

Summary of gum production by CDC, 1945 (January-June)

Summary of gum production by CDC, 1945 (July-December)

Summary of gum production by CDC, 1946 (January-June)

Summary of gum production by CDC, 1946 (July-December)

Summary of gum production by CDC, 1947 - also January 1948

Summary of gum production by CDC, April 1942-January 1944 (African gums only)

Report on Ford Rubber plantation in Brazil

Reports of the Technical Committee of CDC, 1944

Reports of the Technical Committee of CDC, 1945

Reports of the Technical Committee of CDC, 1946

Reports of the Technical Committee of CDC, 1947

Correspondence with CDC, 1941

Correspondence with CDC, 1942

Correspondence with CDC, 1943

Correspondence with CDC, 1944 (January-July)

Correspondence with CDC, 1944 (August-December)

Correspondence with CDC, 1945 (January-July)

Correspondence with CDC, 1945 (August-December)

Correspondence with CDC, 1946 (January-June)

Correspondence with CDC, 1946 (July-December)

Correspondence with CDC, 1947

Correspondence with CDC, 1948

Correspondence with Manaus office of CDC, 1941-1947

Correspondence with Mr. E. A. Sterling, 1944-1945

Contracts of CDC, etc. re: services of personnel (Krukoff's project on gum yielding trees)

Box 8

Tapping experiments of *Stemmadenia Donnell-Smithii* in British Honduras by Dr. John S. Karling

"Sorva" tapping experiments in Brazil and Colombia (1944-1946)

Project in Seringal "Macapa" (upper Purus, Territory of Acre, Brazil) in 1944-1946

Reports on fire control in Chicle forests in Peten (Guatemala) by Prof. N. C. Brown (1946)

Report on "Tower Hill" estate (British Honduras) and on trip to Guatemala by Dr. Frank Egger

Correspondence on Farm Crop, base gum project, 1944-1945

Correspondence on Farm Crop, base gum project, 1946

Correspondence on Farm Crop, base gum project, 1947-1948

Samples sent to Texas State Research Foundation for testing, 1946-1947

Progress Reports (Chemical Tests), 1945, 1947

Report on plants of possible interest in farm crop, base gum project, by Dr. Uphof

Card file of plants of possible interest in farm crop, base gum project, by Dr. Uphof

Apocynaceae

Cinchona

Curare

Erythrina

Ryania

Simaroubaceae

Strophanthus

Strychnos

Menispermaceae

Sapotaceae

A New Species of *Xylosma* from Curacao by Joseph Monachino

Notes Sobre a Flora Neotropica - IV

Phytologia, Vol. 50, January 1982, No. 2

Strychnos papers by Krukoff, J. Monachino, and Robert A. Cockrell

Sapotaceae papers by Arthur Cronquist

Cinchona Species in Guatemala by Clive Chandler

Supplementary Notes on American Menispermaceae - V by Krukoff and H.
N. Moldenke

Additional notes on the Simaroubaceae by Arthur Cronquist

Cinchona Literature File

Box 9

Cinchona Literature File

Studies on the Germination Early Sledling Growth and Nutrition of Cinchona
by William Henry Cowgill

Cinchona Literature File, Vol. V

Cinchona Literature File, Vol. V, Part 2

Cinchona Literature File, Volume 6

Cinchona Literature File

Box 10

Miscellaneous Plants Literature File No. 1 (2 folders)

Cinchona Literature File

Translations of papers on Cinchona from various Dutch periodicals

Literature Data on Cinchona

Literature data on Derris

Volume 8 (incomplete) of Cinchona Literature File

Cinchona Literature File, Volume 7

Miscellaneous Plants Literature File, Volume 2 (2 folders)

Rotenone Plants Literature File No. 3

Box 11

Rotenone Plants Literature File No. 3

Rotenone Plants Literature File, Volume 4 (2 folders)

Miscellaneous Plants Literature File No. 5

Miscellaneous Plants Literature File No. 6

Photostats of References on Cinchona

Index to "Cinchona" Korte Mededeelingen

Photostats of Reference Verslag Nopens de Gouvernements-Kina-Onderneming

Miscellaneous Plants Literature File No. 7

Miscellaneous Plants Literature File No. 8

Miscellaneous Plants Literature File No. 7a

Miscellaneous Plants Literature File

Literature File Cultivation of Medicinal Plants

Box 12

Literature File Cultivation of Medicinal Plants Research Department (Dr. Holdridge)

Miscellaneous Plants Literature File (unknown number)

Cinchona Korte Mededeelingen, Mei (May) 1924-Mei (May) 1925

Cinchona Korte Mededeelingen, November 1925-November 1926

Cinchona Korte Mededeelingen, Mei 1927-November 1928

Cinchona Korte Mededeelingen, November 1929-1933

Report on Trees from the Amazon Valley and Surrounding Territory Yielding Gums for CDC

Chemical Research in Guatemala on Cinchona Succirubra Bark by C. E. Sando

Unidentified section of book

Las Quinas y Su Cultivo por Jesus Patino Navarrete

Translations of Dutch Papers Published in "Cinchona" and made by Dr. Uphof in 1947

Photostats of References on Cinchona Volume 1

Photostats of References on Cinchona Volume 2

Box 13

Photostats of References on Cinchona Volume 3

Photostats of References on Cinchona Volume 5

Photostats of References on Cinchona Volume 7

English translations of various papers on Cinchona

Cinchona/Quinquina/Quinine papers (2 folders)

Miscellaneous papers and reports (2 folders)

The Fever Bark Tree by M. L. Duran-Reynals

Cinchona Literature Files, Volume IV

History of the Cinchona Project by Frederic Rosengarten, Jr.

De Kinacultuur by Dr. A. Groothoff

Proceedings of the Celebrations of the Three Hundredth Anniversary of the
First Recognized Use of Cinchona

Cinchona Planters Manuel

Cinchona in Java

Various Cinchona/Quinine Papers, clippings, and reports (2 folders)

Box 14

Glass Lantern Slides 1-16 (see list of October 26, 1948). List of lantern slides
is in Box 4. Slides are of botanical specimens and of indigenous people in
South America.

Oversize

Map: Territorio do Acre - Amazonia, 1907-1917