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## **Inventory of the Basil George David Bartley Papers 1856-2007**

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**Creator:** Bartley, B. G. D. (Basil G. D.)

**Title:** Basil George David Bartley Papers.

**Date:** 1856-2007,

**Date (bulk):** bulk 1957-1999.

**Extent:** 40.4 linear feet

**Abstract:** The contents of this collection reflect the professional activities of plant geneticist Basil George David Bartley, whose research focused on the cacao plant, *Theobroma cacao* L. ("food of the gods"), primarily in the Caribbean basin, Central and South America, and Africa. Bartley is remembered especially for his efforts to breed cacao resistant to Witches' Broom, a devastating disease caused by the basidiomycete *Crinipellis pernicioso*. The papers span the years 1856-2007 (bulk 1952-2006) and include research notes; diaries; travel records; material related to consultancies; published and unpublished articles, papers, and books; correspondence; a variety of secondary resource materials; and audio tapes; as well as photographs, slides, and digital printouts.

**Physical location:** Researchers should contact Special Collections to request collections, as many are stored offsite.

**Repository:** University of California, Davis. General Library. Department of Special Collections.

Davis, California 95616-5292

**Collection number:** D-461

**Language of Material:** Collection materials in:

EnglishPortugueseSpanish

### Biography

Basil George David Bartley was born in New Delhi, India, on February 14, 1927. He received his secondary education at St. Paul's School, Darjeeling, India, and at the age of fifteen passed the Cambridge School Certificate examination in the first grade. In 1943, he entered the Allahabad Agricultural Institute of the University of Allahabad, India, receiving a bachelor of science degree in agriculture in the first division four years later. He continued scientific studies at Iowa State College (later Iowa State University), which awarded him a master of science in 1948 and a doctorate in 1950. Bartley's main interests at the masters and doctoral levels, respectively, were crop breeding and quantitative inheritance in soybeans.

Bartley's research into the genetic makeup of the cacao plant (*Theobroma cacao* L., literally "food of the gods"), the plant from which chocolate is processed, was launched in 1951, when he accepted an offer to become a plant breeder in the Cacao Research Scheme of the Imperial College of Tropical Agriculture in Trinidad. His work at the Cacao Research Scheme, which later merged with the University of the West Indies to become the Faculty of Agriculture, focused on breeding cacao for resistance to Witches' Broom, a devastating disease caused by the basidiomycete *Crinipellis pernicioso*. Of special interest were efforts to combine resistant genes with superior agronomic qualities through a program of inbreeding. Among other projects, Bartley spearheaded establishment of a cacao germplasm collection, participated in a project to describe cultivars, and studied pollinating distances and control of seasonal fruit production. In addition, he participated in research on the *Xyloborus-Ceratosis fimbriata* complex and *Phytophthora palmivora*.

Bartley traveled widely during his tenure in Trinidad. In 1952 and 1953, he participated in the Anglo-Colombian Cacao Collecting Expedition, and in 1967 an excursion to Brazil's southwestern state of Amazonia. During the 1960s, he supervised a project that transferred to Nigeria cacao collections made three decades earlier by F. J. Pound in Ecuador and Peru. In addition, he organized a cooperative program between the Cacao Research Scheme and the Instituto Nacional de Investigaciones Agro-Pecuarias of Ecuador that lasted from 1967 to 1973. While working in Trinidad, Bartley also served as a consultant in Venezuela, Surinam, Costa Rica, Jamaica, Grenada, Florida, Puerto Rico, and West Africa.

Bartley's tenure at the University of the West Indies ended in 1970, when he assumed a five-year position as advisor to the Portuguese colonial government of São Tomé and Príncipe. Working mainly on private farms, he conducted a series of experiments into genotype-environmental interaction, one of which studied the effects of altitude on the timing and level of fruitification in cacao trees. In addition, he attempted to rehabilitate old cultivations of cacao through grafting, introduced clones from outside the colony, and established a germplasm collection based on methods learned in Trinidad. While employed by the government of São Tomé and Príncipe, Bartley also traveled to Angola, which was a Portuguese colony at that time, where he studied the expansion of cacao cultivation.

Bartley left Africa in 1975. For the next fifteen years, he worked at the Centro de Pesquisas de Cacao (CEPEC), in Brazil, first in Bahia, then in Belem. At CEPEC, Bartley trained and coordinated staff, established and maintained a cacao germplasm bank, and engaged in a series of studies, among them investigations into the inheritance of selected characteristics and the role that self-incompatibility plays in production. Meanwhile, he also continued efforts to discover genotypes with resistance to Witches' Broom. These included a survey of cacao plants in the Amazon region of Brazil that resulted in a program coordinated by Bartley to collect and preserve germplasm in that region. Under his direction, steps

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were also taken to use molecular biology analyses to determine the intrinsic characteristics of cacao genotypes and to compare populations.

Bartley's consultancies during his tenure at CEPEC took him to Peru, Costa Rica, Trinidad, Grenada, Dominica, and St. Lucia. In 1979, he visited Costa Rica to draw up a descriptor list for cacao to be used internationally. While at CEPEC, he also traveled to Mayaguez, Puerto Rico, and Miami to visit quarantine facilities and germplasm programs established and maintained by the United States Department of Agriculture and the American Cocoa Research Institute to prevent the spread of Witches' Broom as plants were moved from one country to another.

One of Bartley's major research interests while at CEPEC was a program to improve different varieties of cacao. This included initiation and oversight of pioneering trials conducted at various sites connected with CEPEC. In addition, it entailed development of an ambitious program to determine the behavior of large numbers of crosses planted in semi-commercial blocks. Prominent among the outcomes was an initiative to determine whether cacao varieties could be produced with the characteristics of reduced growth and canopy spread, which would enable intensive cultivation of cacao with reduced inputs.

Bartley resumed travels as a consultant after his employment at CEPEC ended in 1990. In that year, he worked for the Cocoa Research Institute of Ghana and took part in discussions on germplasm conservation at the University of Reading in England. In 1991, the American Cocoa Research Institute hired him to verify the identities of cacao accessions in Mayaguez and Miami. The following year he traveled to Ecuador, where he studied genetic resources, surveyed principle growing areas, and trained staff at the Instituto Nacional de Investigaciones Agro-Pecuarias, and in São Tomé. Other consultancies in 1994 and 1998 took him to Malaysia, the Dominican Republic, and Brazil. In 1993, Bartley established a long-term relationship as consultant to the International Germplasm Database at the University of Reading.

A prolific author, Bartley capped his career in 2004 with the publication of *Genetic Diversity of Cacao and Its Utilization* (Wallingford, U.K.: CABI).

- 1927 Born in New Delhi, India, February 14.
- 1942 Passes Cambridge School Certificate examination in first grade.
- 1947 Allahabad Agricultural Institute awards Bartley bachelor of science degree in agriculture.
- 1948 Receives M.S. from Iowa State College (later Iowa State University) with major in crop breeding.
- 1950 Receives Ph.D. from Iowa State College; doctoral research focuses on quantitative inheritance in soybeans.
- 1951-1970 Employed as plant breeder in the Cacao Research Scheme of the Imperial College of Agriculture (ICTA), Trinidad; major research involves breeding resistance to Witches' Broom disease.
- 1952-1953 Participates in Imperial College of Agriculture Anglo-Columbian Cacao Collecting Expedition.
- 1960s Supervises transfer of cacao collections from Ecuador and Peru to Nigeria.
- 1967 Joins expedition to collect cacao in southwestern Amazonia, Brazil.
- 1967-1973 Helps organize cooperative program between Instituto Nacional de Investigaciones Agro-Pecuarias (Ecuador) and Cacao Research Scheme (Trinidad).
- 1970-1975 Advises Portuguese colonial government of São Tomé and Príncipe on cacao research.
- 1975 Starts seventeen-year stay in Brazil at invitation of Interamerican Institute for Cooperation in Agriculture, beginning work at Centro de Pesquisas de Cacao (CEPEC), near Ithabuna, Bahia, Brazil.
- 1976 Surveys cacao plants in the Amazon region of Brazil and draws up program for collection and preservation of the region's cacao germplasm.
- 1979 In Costa Rica, creates cacao descriptor list for worldwide use.
- 1983 Transfers base of operations at CEPEC from Bahia, Brazil, to Belem, to oversee major cacao research program.
- 1983-1990 Visits Peru, Costa Rica, Trinidad, Grenada, Dominica, St. Lucia, and West Africa as consultant. Maintains contact with USDA/ACRI quarantine and germplasm program.
- 1990 Serves as consultant to Cocoa Research Institute of Ghana. Participates in discussion on germplasm conservation at start of cacao program at University of Reading, in England.
- 1991 Under contract with American Cocoa Research Institute, verifies identities of accessions to Subtropical Horticulture Research Station of the U.S. Department of Agriculture, Miami, Florida, quarantine station, and collections at Tropical Agriculture Research Station of the USDA, in Mayaguez, Puerto Rico.
- 1992 Assists Cacao Program at Instituto Nacional de Investigaciones Agro-Pecuarias of Ecuador. At request of European Economic Community, advises government of São Tomé on cacao research.
- 1993 Appointed consultant to International Cocoa Germplasm Database and Quarantine Unit, both at University of Reading, England.
- 1994 Advises government of Malaysia on identification of imported cacao plants.
- 1998 Consults with government of Dominican Republic regarding identification and utilization of cacao accessions.
- 2005 Publishes the Genetic Diversity of Cacao and Its Utilization (Wallingford, U.K.: CABI).

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#### **Abbreviations, Acronyms, and Terms**

- ACRI: American Cocoa Research Institute
- Água Preta: "Black Water"; site of experimental station in Brazil
- árvore: "tree" (Portuguese)
- BAG: Banco Activo de Germoplasm (Active Germplasm Bank)
- BCCCA: Biscuit, Cake, Chocolate, and Confectionary Alliance
- bloco: "block" (Portuguese)
- camada: "bed for plants"; "layer" (Portuguese)
- campo: "field" (Portuguese)
- CAS: Campo Agrícola de Santarem (station for propagation of plants near Santarem, Brazil)
- CATIE: Centro Agrónomico Tropical de Investigación y Enseñaza (Costa Rica)
- CEBEL: See SEBEL
- Centeno: Location in Trinidad where Cocoa Board oversees cultivation of cocoa
- CEPEC: Centro de Pesquisas do Cacao (Cacao Research Center; Brazil)
- CEPLAC: Executive Commission for the Cacao Industry (Brazil)
- CITEA: Center for the Introduction of Theobroma from Amazonia (Brazil, later called ERGEC and ERJOH)
- CNPMF: National Center for Research on Cassava and Fruits of EMBRAPA (quarantine station in Cruz das Alamas, Brazil)
- CPATU: Center for Agricultural Research for the Humid Tropics (near Belem, Brazil)
- CRS: Cocoa Research Scheme (Trinidad)
- CRU: Cocoa Research Unit (Trinidad)
- DEPEA: Special Department for Amazonia (Brazil)
- endocria: "inbreeding"; "inbred" (Portuguese)
- ensaio: "experiment"; "trial" (Portuguese)
- ERGEC: de Recursos Geneticos de Cacau (Brazil; successor name for CITEA, later called ERJOH)
- ERJOH: Estação de Recursos Geneticos José Haroldo (Brazil; successor name for CITA and ERGEC)
- ERNEG: Estação Rio Negro (experimental station in state of Amazonas, Brazil, near Manaus)
- ESALF: Estação de Alta Floresta (experimental station in state of Mato Brosso, Brazil)

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ESEOP: Estação Experimental de Ouro Preto (experimental station in state of Rondonia, Brazil)  
ESFIP: Estação de Filagônio Peixoto (CEPEC experimental station in state of Espírito Santo, Brazil, at Linhares)  
ESOMI: Estação de Sostenes Miranda (CEPEC experimental station serving Reconcavo region of Brazil)  
ESPAM: Estação Paulo Morelli (experimental station in state of Pará, Brazil, west of Belem in the Transamazon Highway area; previously named ESTAL)  
ESSIN: Estação de Santa Inés (experimental station in state of Maranhão, Brazil)  
ESTAL: Estação de Altamira (experimental station in state of Pará, Brazil; later called ESPAM)  
*fazenda*: "farm" (Portuguese)  
*fila*: "line"; "row" (Portuguese)  
IAGAC: International Association for Genetic Improvement of Cocoa  
IBPGR: International Board for Plant Genetic Resources  
ICB: Instituto de cacao de Bahia (Brazil)  
ICDG: International Cocoa Germplasm Database  
ICGT: International Cocoa Genebank Trinidad  
ICTA: Imperial College of Tropical Agriculture  
IICA: Instituto Interamericano de Cooperación para la Agricultura (Inter-American Institute for Cooperation on Agriculture)  
INGENIC: International Group for Genetic Improvement of Cocoa  
INPA: Instituto Nacional de Pesquisas da Amazônia (Brazil)  
IPEAN: Instituto de Pesquisa e Experimentação Agronomica do Norte (Brazil)  
Jaçari: Site of research station in Brazil attached to CEPEC  
LCTAP: London Cocoa Trade Amazon Project  
LH: Las Hermanas (private farm in Trinidad and center of cocoa research)  
*linha*: "line"; "row" (Portuguese)  
Marper: Institute in Trinidad to study *Marasmius pernicius*  
*parcela*: "plot" (Portuguese)  
*planta*: "plant" (Portuguese)  
*quadra*: "area"; "block"; or "field" (Portuguese)  
RE: River Estate (Trinidad)  
*repetição*: "replication" (Portuguese)  
SEBEL: Serviços Experimentais de Belem (activities of DEPEA in area of Belem, Brazil)  
*seleção*: "selection" (Portuguese)  
SEMA: Serviços Experimentais de Belem (unit of CEPLAC, near Manaus, Brazil)  
SHRS: Subtropical Horticulture Research Station (U.S. Department of Agriculture, Miami, Florida)  
SIPLA: Serviço de Introduction of Plants (quarantine station in Salvador, Brazil)  
SJ: St. Joseph Nursery (Trinidad)  
SJM: See SJ  
TARS: Tropical Agriculture Research Station (U.S. Department of Agriculture, Mayaguez, Puerto Rico)  
TECP: Trinidad-Ecuador Collaborative Project  
U:F:S: University Field Station (Trinidad)  
UWI/ICTA: University (College) of the West Indies/Imperial College of Tropical Agriculture  
*vala*: "ditch"; "drain" (Portuguese)  
*viveiro*: "nursery for plants" (Portuguese)

### **Scope and Content**

The Basil George David Bartley Papers span the years 1856-2007, with the bulk of material falling between 1957 and 1999. The collection is arranged in eight series: 1. Biographical Material and Staff Notes, 2. Professional Research and Unpublished Writings, 3. Publications, Papers, and Lectures, 4. Correspondence, Articles, and Research, 5. Resource Material, 6. Audio Tapes, 7. Photographs, Slides, and Digital Printouts, and 8. Addendum: Reprints. The papers focus on

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Bartley's scientific career as a specialist in the genetics of the cacao plant (*Theobroma cacao* L.). They include research notes of his own, material related to consultancies, correspondence, secondary resource material, and published and unpublished articles, papers, and lectures. Also present are related audio tapes and visual material.

#### **Related Collections**

The following collections at Special Collections may also be of interest:

D-104, Thomas F. Hunt Papers, 1862-1927. This collection contains a comparative study of the agriculture of Caribbean countries; a paper about the economics of the sugar industry by John Cyler (circa 1938); and an extensive collection of photographs depicting agricultural methods in Jamaica, Hawaii, Haiti, Cuba, El Salvador, Panama, and Costa Rica.

D-356, Lester Hannibal Papers, 19-- -19--. This collection contains correspondence, articles, catalogs, notes, photographs, reports, and slides from one of the foremost plant breeders in the United States.

O-041, Nursery and Seed Catalog Collection: International, 1874- . This collection contains catalogs of trees, fruits, vegetables, grains, flowers, and gardening equipment introduced to the public from 1856 to the present from Canada, England, Western Europe, Asia, Africa, South America, and India.

#### **Indexing Terms**

The following terms have been used to index the description of this collection in the library's online public access catalog.

Bartley, B. G. D. (Basil G. D.)--Archives.

Cacao--Brazil.

Cacao--Breeding.

Cacao--Central America.

Cacao--Côte d'Ivoire.

Cacao--Diseases and pests.

Cacao--Genetics

Cacao--Ghana.

Cacao--Nigeria.

Cacao--Peru.

Cacao--Research.

Cacao--São Tomé and Príncipe.

Chocolate.

Food industry and trade.

Botany.

Witches' Broom Disease.

#### **Access**

Collection is open for research.

#### **Acquisition Information**

Gift of Basil George David Bartley, 2007.

#### **Preferred Citation**

[Identification of item], Basil George David Bartley Papers , D-461, Department of Special Collections, General Library, University of California, Davis.

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#### Series 1 **Biographical Material and Staff Notes 2007**

**Physical Description:** 0.1 linear feet

#### **Scope and Content Note**

Contains correspondence and notes regarding collection.



Box/Folder 1:1

**Correspondence and Notes 2007**

Series 2 **Professional Research and Unpublished Writings 1959-2002**

**Physical Description:** 9.7 linear feet

**Scope and Content Note**

Arranged by subject in the following subseries: Field Notes; Diaries; Notes from Gardens, Herbaria, Libraries, and Museums; Travel Records; Notes on Readings; Consulting Material and Reports.

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Subseries 2.1 **Field Notes 1959-2002**

**Physical Description:** 2.7 linear feet

**Scope and Content Note**

English and Portuguese. Notebooks and loose pages related to field research of Basil G. D. Bartley in various countries. Alphabetical arrangement.

Box/Folder 1:2

**Africa undated**

Box/Folder 1:3

**Brazil 1967**

Box/Folder 1:4

**Brazil 1978-1984**

Box/Folder 1:5

**Brazil 1984**

Box/Folder 1:6

**Brazil undated**

Box/Folder 1:7

**Brazil, Acará 1984-1985**

Box/Folder 1:8

**Brazil, Alta Floresta 1985**

Box/Folder 1:9

**Brazil, Amazonia 1965-1976**

Box/Folder

**Brazil, Amazonia 1976**

1:10-1:11

Box/Folder 1:12

**Brazil, Amazonia 1976-1983**

Box/Folder 1:13

**Brazil, Amazonia 1977-1978**

Box/Folder 2:1

**Brazil, Amazonia 1978-1980**

Box/Folder 2:2

**Brazil, Amazonia 1981**

Box/Folder 2:3

**Brazil, Amazonia 1982-1985**

Box/Folder 2:4-5

**Brazil, Amazonia 1983**

Box/Folder 2:6

**Brazil, Amazonia 1984**

Box/Folder 2:7

**Brazil, Amazonia 1984-2002**

Box/Folder 2:8

**Brazil, Amazonia 1986**

Box/Folder 3:1

**Brazil, Amazonia 1986-1988**

Box/Folder 3:2

**Brazil, Amazonia 1988-1989**

Box/Folder 3:3

**Brazil, Amazonia 1989-1990**

Box/Folder 3:4

**Brazil, Amazonia 1989-1991**

Box/Folder 3:5

**Brazil, Amazonia undated**

Box/Folder 3:6

**Brazil, Amazonia; Ghana Consultancy 1990**

Box/Folder 3:7

**Brazil, Amazonia, Rondônia 1983**

Box/Folder 4:1

**Brazil, Bahia 1982-1983**

Box/Folder 4:2

**Brazil, Centro de Pesquisas do Cacao (CEPEC) 1974-1980**

Box/Folder 4:3

**Brazil, Centro de Pesquisas do Cacao (CEPEC) undated**

Box/Folder 4:4

**Brazil, Centro de Pesquisas do Cacao (CEPEC), selections undated**

Box/Folder 4:5

**Brazil, Linhares 1980**

Box/Folder 4:6

**Brazil, Rondônia 1982**

Box/Folder 4:7

**Brazil, Rondônia 1985**

Box/Folder 4:8

**Costa Rica 1989**

Box/Folder 4:9

**Dominican Republic and Miami, Florida 1987-1991**

Box/Folder 4:10

**Eastern Caribbean 1988**

Box/Folder 5:1

**Ecuador 1967**

Box/Folder 5:2-5

**Ecuador 1992**

Box/Folder 5:6

**Ecuador undated**

Box/Folder 5:7

**Ecuador, EET Pichilingue undated**

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Box/Folder 5:8	<b>Ecuador, London Cocoa Trade Amazon Project (LCTAP) Descriptions undated</b>
Box/Folder 5:9	<b>Ecuador and Colombia 1987</b>
Box/Folder 6:1	<b>Ghana 1990</b>
Box/Folder 6:2	<b>Ivory Coast undated</b>
Box/Folder 6:3	<b>Mayaguez, Puerto Rico, and Miami, Florida undated</b>
	<b>Scope and Content Note</b>
	Additional material on subject in 25:24
Box/Folder 6:4	<b>Peru 1986</b>
Box/Folder 6:5	<b>Puerto Rico undated</b>
Box/Folder 6:6	<b>Reading University Quarantine 1995-1996</b>
Box/Folder 6:7-8	<b>Reading University Quarantine</b>
Box/Folder 7:1	<b>São Tomé undated</b>
Box/Folder 7:2	<b>Trinidad 1955-1970</b>
Box/Folder 7:3	<b>Trinidad 1997</b>
Box/Folder 7:4	<b>Trinidad undated</b>
Box/Folder 7:5	<b>Trinidad and United States 1976-1983</b>
Box/Folder 7:6	<b>Venezuela 1961</b>
Box/Folder 7:7	<b>Various Locations: Notes on Germplasm 1959-1994</b>
Box/Folder 7:8	<b>Unidentified Field Notes 1956</b>
Box/Folder 7:9	<b>Unidentified Field Notes 1983</b>
Box/Folder 7:10	<b>Unidentified Field Notes 1991</b>
Box/Folder 7:11-12	<b>Unidentified Field Notes undated</b>

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Subseries 2.2 **Diaries 1965-1998****Physical Description:** 3.2 linear feet**Scope and Content Note**

English and Portuguese. Bound diaries related to field research of Basil G. D. Bartley. Chronological arrangement.

Box/Folder 8:1	<b>Diary 1965</b>
Box/Folder 8:2	<b>Diary 1966</b>
Box/Folder 8:3	<b>Diary 1967</b>
Box/Folder 8:4	<b>Diary 1968</b>
Box/Folder 9:1	<b>Diary 1969</b>
Box/Folder 9:2	<b>Diary 1970</b>
Box/Folder 9:3	<b>Diary 1971</b>
Box/Folder 9:4	<b>Diary 1972</b>
Box/Folder 10:1-2	<b>Diary 1973</b>
Box/Folder 10:3	<b>Diary 1974</b>
Box/Folder 10:4	<b>Diary 1975</b>
Box/Folder 11:1	<b>Diary 1977</b>
Box/Folder 11:2	<b>Diary 1978</b>
Box/Folder 11:3	<b>Diary 1979</b>
Box/Folder 11:4	<b>Diary 1979-1987</b>
Box/Folder 12:1	<b>Diary 1980</b>
Box/Folder 12:2	<b>Diary 1981</b>
Box/Folder 12:3	<b>Diary 1982</b>
Box/Folder 12:4	<b>Diary 1983</b>
Box/Folder 13:1	<b>Diary 1984</b>
Box/Folder 13:2	<b>Diary 1985</b>
Box/Folder 13:3	<b>Diary 1986</b>
Box/Folder 13:4	<b>Diary 1987</b>
Box/Folder 13:6	<b>Diary 1988</b>
Box/Folder 14:1	<b>Diary 1989</b>
Box/Folder 14:2	<b>Diary 1991</b>

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Box/Folder 14:3-4	<b>Diary 1992</b>
Box/Folder 14:5	<b>Diary 1998</b>

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Subseries 2.3 **Notes from Gardens, Herbaria, Libraries, and Museums 1996-2000****Physical Description:** 0.5 linear feet**Scope and Content Note**

English and Portuguese. Loose pages related to research of Basil G. D. Bartley in gardens, herbaria, libraries, and museums. Alphabetical arrangement.

Box/Folder 15:1	<b>British Library 1996</b>
Box/Folder 15:2	<b>British Library undated</b>
Box/Folder 15:3-4	<b>Missouri Botanical Garden undated</b>
Box/Folder 15:5	<b>Royal Botanical Gardens, Kew 1996</b>
Box/Folder 15:6	<b>Royal Botanical Gardens, Kew undated</b>
Box/Folder 15:7	<b>Royal Botanical Gardens, Kew, Natural History Museum 1997-1998</b>
Box/Folder 15:8-9	<b>U.S. National Herbarium 2000</b>
Box/Folder 16:1	<b>Various Herbaria 1996</b>

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Subseries 2.4 **Travel Records 1992-2000****Physical Description:** 0.1 linear feet**Scope and Content Note**

English and Portuguese. Notebooks of contacts related to travels of Basil G. D. Bartley. Chronological arrangement.

Box/Folder 16:2	<b>Address Book 1992</b>
Box/Folder 16:3	<b>Address Book 2002</b>
Box/Folder 16:4	<b>Address Book undated</b>

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Subseries 2.5 **Notes on Readings 1975-2000****Physical Description:** 2.2 linear feet**Scope and Content Note**

English and Portuguese. Notebooks, loose pages, and photocopies that Basil G. C. Bartley compiled on readings, primarily related to cacao. Alphabetical arrangement.

Box/Folder 16:5-6	<b>Africa 1994-1999</b>
Box/Folder 16:7	<b>Asia Pacific 1994-1997</b>
Box/Folder 16:8	<b>Brazil 1952-1989</b>
Box/Folder 16:9-17:1	<b>Brazil 1995-1997</b>
Box/Folder 17:2	<b>Brazil 1999</b>
Box/Folder 17:3	<b>Brazil, Amazonia undated</b>
Box/Folder 17:4	<b>Brazil, Amazonia, and Alexandre Rodrigues Ferreira 1977-1983</b>
Box/Folder 17:5	<b>Cacao History undated</b>
Box/Folder 17:6-7	<b>Caribbean 1994-1997</b>
Box/Folder 18:1-2	<b>Central America undated</b>
Box/Folder 18:3-4	<b>Central America, Mexico 1998-1999</b>
Box/Folder 18:5	<b>Ghana undated</b>
Box/Folder 18:6	<b>Guatemala undated</b>
Box/Folder 18:7-8	<b>Guatemala, including Soconusco, El Salvador, and Other Provinces undated</b>
Box/Folder 18:9	<b>Guiana undated</b>
Box/Folder 18:10	<b>Hooker, William J., and Richard Spruce undated</b>
Box/Folder 18:11	<b>Illustrations undated</b>
Box/Folder 18:12	<b>Jamaica undated</b>
Box/Folder 18:13	<b>Mexico undated</b>
Box/Folder 18:14	<b>Peru undated</b>

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Box/Folder 19:1	<b>Peru, Ucayali 1987-1996</b>
Box/Folder 19:2	<b>References undated</b>
Box/Folder 19:3	<b>Rodrigues Ferreira, Alexandre undated</b>
Box/Folder 19:4	<b>São Tomé undated</b>
Box/Folder 19:5	<b>São Tomé and Príncipe 1995</b>
Box/Folder 19:6	<b>São Tomé and Príncipe undated</b>
Box/Folder 19:7-8	<b>South America 1994-1997</b>
Box/Folder 20:1	<b>South America, General 1994</b>
Box/Folder 20:2-3	<b>South America 2 Guyana 1994-1998</b>
Box/Folder 20:4-5	<b>Trinidad 1994-2000</b>
Box/Folder 20:6	<b>Trinidad undated</b>
Box/Folder 20:7	<b>Various Subjects 1975</b>
Box/Folder 20:8	<b>Various Subjects [1982]</b>
Box/Folder 21:1	<b>Various Subjects 1992</b>
Box/Folder 21:2	<b>Various Subjects 1994</b>
Box/Folder 21:3	<b>Various Subjects 1995</b>
Box/Folder 21:4	<b>Various Subjects [1995]</b>
Box/Folder 21:5	<b>Various Subjects 1997-1999</b>
Box/Folder 21:6-22:10	<b>Various Subjects undated</b>
Box/Folder 22:11	<b>Unidentified Fragments undated</b>

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## Subseries 2.6 Consulting Material and Reports 1973-1992

**Physical Description:** 1.0 linear feet**Scope and Content Note**

Correspondence, receipts, research notes, requests for reimbursement, and reports in English, Portuguese, and Spanish on consulting assignments of Basil G. D. Bartley. Alphabetical arrangement.

Box/Folder 22:12	<b>American Cocoa Research Institute (ACRI), Tropical Agricultural Research Station (TARS), Subtropical Horticulture Research Station (SHRS) 1977</b>
Box/Folder 22:13-23:2	<b>American Cocoa Research Institute (ACRI), Tropical Agricultural Research Station (TARS), Subtropical Horticulture Research Station (SHRS) 1991</b>
Box/Folder 23:3	<b>Angola 1973-1974</b>
Box/Folder 23:4	<b>Angola 1974</b>
Box/Folder 23:5	<b>Costa Rica 1989</b>
Box/Folder 23:6	<b>Eastern Caribbean 1988</b>
Box/Folder 23:7	<b>Ecuador 1992</b>
Box/Folder 23:8	<b>Ecuador 1998-2000</b>
Box/Folder 23:9	<b>Ghana 1990</b>
	<b>Scope and Content Note</b>
	Additional material in Field Notes; Brazil, Amazonia, 1990
Box/Folder 23:10	<b>Malaysia 1994</b>
Box/Folder 23:11	<b>Peru, United Nations Industrial Development Organization (UNIDO) 1986</b>
Box/Folder 24:1	<b>São Tomé 1992</b>
Box/Folder 24:2	<b>São Tomé and Príncipe [1992]</b>
Box/Folder 24:3	<b>Trinidad 1983</b>
Box/Folder 24:4	<b>University of Reading 1994-2000</b>
Box/Folder 24:5	<b>Venezuela 1961-1964</b>
Box/Folder 24:6	<b>Windward Islands 1988</b>
Box/Folder 25:1	<b>Legal Size Report: American Cocoa Research Institute (ACRI), 1991 1991</b>

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Series 3 **Publications, Papers, and Lectures 1954-2005****Physical Description:** 0.8 linear feet**Scope and Content Note**

Books, articles, papers, and lectures in English and Portuguese authored in whole or part by Basil G. D. Bartley. Chronological arrangement.

- Box/Folder 25:2 **Baker, R. E. D., F. W. Cope, P. C. Holliday, B. G. D. Bartley, and D. J. Taylor. "The Anglo-Colombian cacao collecting expedition." *Report on Cacao Research, I.C.T.A. (Trinidad), 1953* . (1954):8-29. 1954**
- Box/Folder 25:3 **Bartley, B. G. D. "Híbridos trinitario-scavina: nuevas esperanzas para el mejoramiento del cacao." Paper presented at la Conferencia de Cacao de Londres, 1957. 1957**
- Box/Folder 25:4 **Bartley, B. G. D. "Methods of breeding and seed production in cacao." In *VI Reunão do Comitê Técnico Interamericano de Cacau: 20 a 27 de maio de 1956, Bahia, Brasil* . [Bahia]: Instituto de Cacau da Bahia, 1957. 1957**
- Box/Folder 25:5 **Bartley, B. G. D. "Trinitario-scavina hybrids: new prospects for cocoa improvement." In *Cocoa, Chocolate and Confectionery Alliance, Report of the cocoa conference held at Grosvenor House, London, W. 1 10th to 12 September 1957* . London: The Alliance, 1958. 1958**
- Box/Folder 25:6 **Bartley, B. G. D. "Exploration for 'Theobroma' in the Amazon Valley." *Genetica Agraria* 17 (1963). 1963**
- Box/Folder 25:7 **Bartley, B. G. D. "Report on a visit to Jamaica, April 24th to May 10th 1963." Unpublished report. 1963**
- Box/Folder 25:8 **Bartley, B. G. D. "Progress in cacao breeding and genetics." In *Proceedings conference internationale sur les recherches agronomiques cacaoyers* . Abidjan, Ivory Coast, 1965. 1965**
- Box/Folder 25:9 **Ascenso, J. C., and B. G. D. Bartley. "Varietal relationships of growth factors of young cacao seedlings." *Euphytica* 15 (1966):211-223. 1966**
- Box/Folder 25:10 **Bartley, B. G. D. "Second CEPEC cacao collecting expedition Brazil, January 9th-31st 1967." Unpublished report. 1967**
- Box/Folder 25:11 **Bartley, B. G. D. "Twenty years of cacao breeding at the Imperial College of Tropical Agriculture, Trinidad." Paper presented at II Conferencia Internacional de Pesquisas em Cacau, Itabuna, Bahia, Brazil, Nov. 19-25, 1967. 1967**
- Box/Folder 25:12 **Bartley, B. G. D. "Annual yield correlations in cacao and their significance in selection." *American Society for Horticultural Science, Tropical Region* 12 (1968):257-266. 1968**
- Box/Folder 25:13 **Bartley, B. G. D. "The present position in developing cocoa varieties." *Journal of the Agricultural Society of Trinidad and Tobago* 70, no. 3 (Sept. 1970):307-320. 1970**
- Box/Folder 25:14 **Bartley, B. G. D. "Yield variation in the early productive years in trials with cacao (*Theobroma cacao* L.). *Euphytica* 19 (1970):199-206. 1970**
- Box/Folder 25:15 **Bartley, B. G. D. "First generation hybrids as parents in hybrids of *Theobroma cacao* L." *Tropical Agriculture (Trinidad)* 48 (1971):79-84. 1971**
- Box/Folder 25:16 **Bartley, B. G. D., and F. W. Cope. "Practical aspects of self-incompatibility in *Theobroma cacao* L." In Rom Moav, ed., *Agricultural Genetics-Selected Topics* , 109-134. New York: Halstead Press, 1974. 1974**
- Box/Folder 25:17 **Bartley, B. G. D. "Testing for resistance to *Marasmius pernicius* Stahel in young cacao seedlings." Paper presented to Third Conference of African Sub-group of Workers on Phytophthora Palmivora, Accra, Ghana, May 1975. 1975**
- Box/Folder 25:18 **Bartley, B. G. D. "Relatório de viagem à região Amazônica 18 de outubro a 10 de dezembro de 1976." Unpublished report, [1976]. [1976]**
- Box/Folder 25:19 **Engels, J. M. M., B. G. D. Bartley, and G. A. Enriquez. *Cacao descriptors, their states and modus operandi*. Turrialba, Costa Rica: Centro Agronomico Tropical de Investigación y Enseñanza, 1979. 1979**
- Box/Folder 25:20 **Engels, Jan M. M., B. G. D. Bartley, and G. A. Enriquez. "Cacao descriptors, their states and *modus operandi*." *Turrialba* 30 no. 2 (Apr.-June 1980):209-218. 1980**

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- Box/Folder 25:21 **Bartley, B. G. D. "The status of genetic resistance in cacao to *Crinipellis pernicios* (Stahel) Singer." *Proceedings of the 6th International Cocoa Research Conference, Caracas, Venezuela, 1977* . Lome, Togo, 1981. 1981**
- Box/Folder 25:22 **Bartley, B. G. D., Wilson R. Monteiro, and Geraldo A. Carletto. "Comportamento dos clones introduzidos como progenitors de híbridos na Bahia." In *Cocoa Producers' Alliance, Proceedings: International Cocoa Research Conference, Cargagena, Colombia, 18-23 October, 1981*. Lagor: Cocoa Producers' Alliance, 1981. 1981**
- Box/Folder 25:23 **Bartley, B. G. D. "An appraisal of the situation regarding germplasm and its relationship with genetic improvement of cacao in the Western Hemisphere." Paper presented at the Meeting Genetic Resources of Cacao in the Western Hemisphere, Miami, Florida, Feb. 1983. 1983**
- Box/Folder 25:24 **Bartley, B. G. D. Rome lecture, unpublished, 1984. 1984**
- Box/Folder 25:25 **Castro, Geraldo C. T. de, and Basil G. D. Bartley. "Caracterização dos recursos genéticos do cacauzeiro. II. Flor de seleções da Bahia das séries SIC e SIAL. *Revista Theobroma* 15, no. 2 (1985):49-55. 1985**
- Box/Folder 25:26 **Bartley, B. G. D. "Proposta para um plano de trabalho no melhoramento do cacauzeiro na região Amazônica durante 1986 e nos anos subsequentes." Unpublished paper. [1986]**
- Box/Folder 25:27 **Almeida, C. M. V. C., J. P. Barriga, P. F. R. Machado, and B. G. D. Bartley. "Evolução do programas de conservação dos recursos genéticos de cacau na Amazônia brasileira. Comissão Executiva do Plano da Lavoura Cacaueira, Departamento Especial da Amazônia, Brazil." *Boletim Técnico* , no. 5 (1987). [1987]**
- Box/Folder 25:28 **Bartley, B. G. D. "La calidad en el mejoramiento genetico del cacao." Paper presented at regional seminar of IICA/CEPLAC, Turrialba, Costa Rica, October. 1989. 1989**
- Box/Folder 26:1 **Pires, J. L., E. D. M. N. Luz, U. V. Lopes, and Bartley, B. G. D. "Incidência natural de podridão-parda em clones de cacauzeiro na Bahia, Brasil." Paper presented at 11th International Cocoa Research Conference, Yamoussoukro Republic of Cote de'Ivoire, July 18-27, 1993. 1993**
- Box/Folder 26:2 **Bartley, B. G. D. "A review of cacao improvement: fundamentals, methods and results." *Proceedings of the International Workshop on Cocoa Breeding Strategies, Kuala Lumpur, Malaysia, 1994* . (1994):3-16. 1994**
- Box/Folder 26:3 **Bartley, B. G. D. "Perspectival de melhoramento de cacauzeiro em São Tomé e Príncipe." *I as Jornadas sobre a Agricultura de São Tomé e Príncipe, 1993, Comunicações, IICT, Lisbon* . 19 (1995):83-91. 1995**
- Box/Folder 26:4 **Yamada, Milton Macoto, Basil G. D. Bartley, Uilson Vanderlei Lopes, and Luis Roberto Martins Pinto. "Herança do fator compatibilidade em *Theobroma Cacao* L. II. Relações fenotípicas em genótipos adicionais do grupo Parinari (PA). *Agrotrópica* 8, no. 2 (1996):51-52. 1996**
- Box/Folder 26:5 **Bartley, B. G. D. "Ideas on the origins, relationships and dispersal of cacao varieties and their uses." Unpublished paper. [1998]**
- Box/Folder 26:6 **Bartley, B. G. D. "Observations on the nomenclature of cacao germplasm and the problem of the misidentification of material in the process of dissemination." Unpublished paper. 1999**
- Box/Folder 26:7 **Bartley, B. G. D. "Royal Botanic Gardens, Kew, Economic Botany Collections: observations and comments on the specimens of *Theobroma* examined in August 1999." Unpublished paper. 1999**
- Box/Folder 26:8 **Bartley, B. G. D. "The origin and compatibility relationships of the Scavina variety of *Theobroma cacao* L." Unpublished paper. 2001**
- Box/Folder 26:9 **Yamada, Milton M., B. G. D. Bartley, and Gilson R. P. Melo. "The compatibility status of clones descended from the Ecuador 'Nacional' in the CEPEC Genebank." *Agrotrópica* 16, no. 2 (2004):47-50. 2004**
- Box/Folder 26:10 **Bartley, B. G. D. *The genetic diversity of cacao and its utilization* . Wallingford, Eng.: CABI, 2005. 2005**
- Box/Folder 26:11 **Bartley, B. G. D. "Convênio IICA/CEPLAC: relatório especial." Unpublished paper. undated**
- Box/Folder 26:12 **Bartley, B. G. D. "Genetic resources of *Theobroma cacao* L.: an analysis of the present situation." Unpublished paper. undated**
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Box/Folder 26:13-14	<b>Bartley, B. G. D. Lecture slides undated</b>
Box/Folder 26:15	<b>Bartley, B. G. D. "Performance of <i>Theobroma cacao</i> hybrids at River Estates, Trinidad." Unpublished paper. undated</b>
Box/Folder 26:16	<b>Bartley, B. G. D. "Sources of variation of seed weight components of cacao (<i>Theobroma cacao</i> L.)." Unpublished paper. undated.</b>
Box/Folder 26:17	<b>Unidentified fragments undated</b>

Series 4 **Correspondence, Articles, and Research 1961-2007**

**Physical Description:** 7.2 linear feet

**Scope and Content Note**

Arranged by subject in the following subseries: Country and Region Files, Subject Files.

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Subseries 4.1 **Country and Region Files 1961-2000**

**Physical Description:** 3.4 linear feet

**Scope and Content Note**

Correspondence, research notes, published and unpublished articles, maps, and reports written in Dutch, English, French, Portuguese, and Spanish. Alphabetical arrangement.

Box/Folder 27:1-6	<b>Brazil 1982-2006</b>
Box/Folder 27:7-28:1	<b>Brazil, Centro de Pesquisas do Cacao (CEPEC) 1981-2007</b>
Box/Folder 28:2-8	<b>Brazil, Centro de Pesquisas do Cacao (CEPEC) 1993-2006</b>
Box/Folder 28:9-29:6	<b>Brazil, Germplasm 1967-2000</b>
Box/Folder 29:7-14	<b>Central America, Mexico 1961-2005</b>
Box/Folder 29:15-30:5	<b>Colombia 1989-2002</b>
Box/Folder 30:6-15	<b>Dominican Republic, Belize 1987-2006</b>
Box/Folder 30:16	<b>Ecuador 1947</b>
Box/Folder 30:17-31:5	<b>Ecuador 1961-2006</b>
Box/Folder 31:6	<b>Ecuador undated</b>
Box/Folder 31:7-9	<b>Ecuador, Trinidad-Ecuador Cooperative Program 1968-1992</b>
Box/Folder 31:10-32:4	<b>French Guiana 1987-2007</b>
Box/Folder 32:5-12	<b>Guyana, Suriname 1995-2002</b>
Box/Folder 32:13-33:7	<b>Malaysia 1988-1994</b>
Box/Folder 33:8	<b>Papua New Guinea undated</b>
Box/Folder 33:9-34:2	<b>São Tomé and Príncipe 1963-1996</b>
Box/Folder 34:3	<b>Trinidad 2000</b>
Box/Folder 34:4-34:14	<b>Trinidad, Correspondence, Lists, Field Plans 2000</b>
Box/Folder 35:1-9	<b>Venezuela 1961-1997</b>

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Subseries 4.2 **Subject Files 1961-2006**

**Physical Description:** 3.8 linear feet

**Scope and Content Note**

Correspondence, research notes, published and unpublished articles, and reports in English, French, German, Portuguese, and Spanish. Alphabetical arrangement.

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Box/Folder 35:10-17	<b>Bernouilli, de Wildeman, Eugenio Pinero, Lecture Material, Breeding History 1978-1996</b>
Box/Folder 35:18-36:12	<b>Botanic Garden Herbaria, Kew, Edinburgh, Missouri 1995-2001</b>
Box/Folder 36:13	<b>Cocoa Collecting Expeditions 1963-1967</b>
Box/Folder 36:14	<b>Cocoa Collecting Expeditions [1965]</b>
Box/Folder 36:15	<b>Cocoa Manufacturing undated</b>
Box/Folder 36:16	<b>Correspondence 1959-1963</b>
Box/Folder 36:17	<b>Correspondence 1972-1976</b>
Box/Folder 36:18-22	<b>Correspondence 1999-2006</b>
Box/Folder 37:1	<b>Cultivars and Descriptors 1962-1985</b>
Box/Folder 37:2	<b>Cultivars and Descriptors 1969-1980</b>
Box/Folder 37:3	<b>Cultivars and Descriptors 1990</b>
Box/Folder 37:4	<b>Cultivars and Descriptors 1996</b>
Box/Folder 37:5	<b>Cultivars and Descriptors undated</b>
Box/Folder 37:6	<b>Helfenberger, Andre 1986</b>
Box/Folder 37:7	<b>International Cocoa Genebank Trinidad (ICGT) undated</b>
Box/Folder 37:8-13	<b>International Cocoa Germplasm Database (ICGD) 1989-1998</b>
Box/Folder 38:1-5	<b>International Cocoa Germplasm Database (ICGD) 1997-2006</b>
Box/Folder 38:6-13	<b>International Cocoa Germplasm Database (ICGD) Descriptions 1987-2005</b>
Box/Folder 38:14	<b>International Group for Genetic Improvement of Cocoa (INGENIC) 1994-1995</b>
Box/Folder 38:15	<b>International Group for Genetic Improvement of Cocoa (INGENIC) 2000</b>
Box/Folder 39:1	<b>Marper Field Plans 2003-2005</b>
Box/Folder 39:2-40:1	<b>Molecular Biology Papers 1988-2002</b>
Box/Folder 40:2-9	<b>Papers 1963-2006</b>
Box/Folder 40:10	<b>Papers, Cacao 1975</b>
Box/Folder 41:1	<b>Papers, Cacao 1979</b>
Box/Folder 41:2	<b>Papers, Cacao 1989</b>
Box/Folder 41:3-10	<b>Papers, Cacao 2000-2005</b>
Box/Folder 41:11-42:4	<b>Reading Quarantine 1976-2002</b>
Box/Folder 42:5-10	<b>U.S. Department of Agriculture (USDA)/American Cocoa Research Institute (ACRI), Miami, Mayaguez 1971-1986</b>
Box/Folder 42:11	<b>Witches' Broom 1982</b>
Box/Folder 42:12	<b>Working Group on Cocoa Genetics 1971-1993</b>
Box/Folder 42:13-43:6	<b>Various Subjects 1961-2005</b>
Box/Folder 43:12-44:3	<b>Various Subjects 1971-1991</b>
Box/Folder 44:4-11	<b>Various Subjects 1972-1998</b>
Box/Folder 44:12-17	<b>Various Subjects 1983-1998</b>
Box/Folder 44:18	<b>Various Subjects 1998</b>
Box/Folder 44:19	<b>Various Subjects undated</b>

Series 5 **Resource Material 1856-2006****Physical Description:** 19 linear feet**Scope and Content Note**

Arranged by subject in the following subseries: Articles and Chapters; Books; Reports and Proceedings; Serials; Theses and Dissertations; and Legal-size Resource Material.



Subseries 5.1 **Articles and Chapters 1856-2002****Physical Description:** 0.8**Scope and Content Note**

Articles and chapters on various subjects, mostly related to cacao, written in Dutch, English, French, German, Portuguese, Spanish. Alphabetical arrangement.

Box/Folder 45:1

**Abou-El-Fittouh, H. A., and E. O. Taha.** "Handling missing observations in the two-way analysis of variance with interaction." *Experimental Agriculture* (1978):381-388. 1978

Box/Folder 45:2

**Adomako, B., R. C. Allen, and Y. Adu-Ampomah.** "Combining abilities for yield and vegetative traits of Upper Amazon cocoa selections in Ghana." *Plantations, recherche, développement* 6, no. 3 (May-June 1999):183-189. 1999

Box/Folder 45:3

**Águeda Méndez, Maria.** "Una relación conflictiva: la inquisición novohispana y el chocolate." *Caravelle: cahiers du monde Hispanique et Luso-Bresilien* 71 (1998):9-21. 1998

Box/Folder 45:4

**Alden, Dauril.** "The significance of cacao production in the Amazon region during the late colonial period: an essay in comparative economic history." *Proceedings of the American Philosophical Society* 120, no. 2 (Apr. 1976):103-125. 1976

Box/Folder 45:5

**Alfaro, Anastasio.** "El cacao de Matlina." *R.I.D.C.* [Undated]:371-374. undated

Box/Folder 45:6

**Almeida, Luiz Carlos de.** "Sobrevivência do Crinipellis Perniciosa durante a fermentação do cacao." *10a Conferência internacional de Pesquisas em Cacao*. Undated. undated

Box/Folder 45:7

**Alvarado, Ricardo, and Ervin T. Bullard.** "Variation of bean characteristics in hybrid cacao progenies." In American Society for Horticultural Science, Caribbean Region, *Proceedings* 5 (1961):105-111. 1961

Box/Folder 45:8

**Ashby, S. F.** "Strains and taxonomy of Phyto-Phthora Palmivora Butler (P. Faberi Maubl.)." *Transactions of the British Mycological Society* 14, parts 1 and 2 (Mar. 1929):18-38. 1929

Box/Folder 45:9

**Austin, Roger B.** "New opportunities in breeding." *HortScience* 23 no. 1 (Feb. 1988): 41-47. 1988

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Box/Folder 45:10	<b>Bastos, Carlos A. S., and Paulo de T. Alvin. "Cocoa production in Brazil: the impact of research and extension on cocoa production in Brazil." In General Assembly of the International Office of Cocoa and Chocolate and the International Sugar Confectionary Manufacturer's Association. <i>Report of the General Assembly</i>. Glen Rock, N.J.: Manufacturing Confectioner, 1981. 1981</b>
Box/Folder 45:11	<b>Bogyo, Thomas P., Enrico Porceddu, and Pietro Perrino. "Analysis of sampling strategies for collecting genetic material." <i>Economic Botany</i> 34, no. 2 (1980):160-174. 1980</b>
Box/Folder 45:12	<b>Bondar, Gregorio. "A new variety of cacao." <i>Bull. off. IOCC</i> 8, no. 3 (1938):87-89. 1938</b>
Box/Folder 45:13	<b>Branton, Richard, and Jennet Blake. "A lovely clone of coconuts." <i>New Scientist</i>, May 26, 1983, 554-557. 1983</b>
Box/Folder 45:14	<b>Burchardt, Hans. "Versuchsergebnisse aus den kulteren von Fernando Poo, Westafrika." <i>Der tropenpflanzer: zeitschrift für das gesamtgebiet der land- und forstwirtschaft warmer länder</i>, 38, no. 9 (Sept. 1935):239-243. 1935</b>
Box/Folder 45:15	<b>Burton, Glenn W., and E. H. DeVane. "Estimating heritability in Tall Fescue (<i>Festuca Arundinacea</i>) from replicated clonal material." <i>Agronomy Journal</i> [Undated]:478-481. undated</b>
Box/Folder 45:16	<b>Chambers, E. "The movements of Criollo cacao." <i>Bull. off. IOCC</i> 1, no. 8 (1931):361-365. 1931</b>
Box/Folder 45:17	<b>Chevalier, Aug. "Révision du genre Theobroma d'après l'herbier du Muséum national d'Histoire naturelle de Paris." [Unidentified journal] 31 (1946):265-285. 1946</b>
Box/Folder 45:18	<b>Cilas, C., and R. Lecoustre. "Étude spatiale de la production d'une cacaoyère suivant la méthode des variables régionalisées." <i>Café cacao thé</i> 32, no. 4 (Oct-Dec. 1988):299-310. 1988</b>
Box/Folder 45:19	<b>Claude, B. "Prospection et collecte de matériel végétal. Les collections caféières et cacaoyères." <i>Café cacao thé</i> 21, no. 2 (Apr.-June 1977):150-154. 1977</b>
Box/Folder 45:20	<b>Cox, T. S. "Expectations of means and genetic variances in backcross population." <i>Theoretical and Applied Genetics</i> 68 (1984):35-41. 1984</b>
Box/Folder 45:21	<b>Creencia, Rafael P. "Dwarf Cacao." <i>Coffee and Cacao Journal</i>. June 1965, 74. 1965</b>
Box/Folder 45:22	<b>Dorr, Laurence J. "Lectotypification of Cacao guianensis Aublet (Sterculiaceae)." <i>Brittonia</i> 45, no. 1 (1993):32-33. 1993</b>

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Box/Folder 45:23	Engels, J. M. M. "A systematic description of cacao clones. I. The discriminative value of quantitative characteristics." <i>Euphytica</i> 32 (1983):377-385. 1983
Box/Folder 45:24	Engels, J. M. M. "A systematic description of cacao clones. IV. Some evidences of tetraploid inheritance." <i>Café cacao thé</i> 28, no. 2 (Apr.-June 1984):95-101. 1984
Box/Folder 45:25	Engels, J. M. M. "A systematic description of cacao clones. V. Quantitative genetic aspects of several fruit characters." <i>Café cacao thé</i> 19, no. 1 (Jan.-Mar. 1985):3-9. 1985
Box/Folder 45:26	Enríquez, G., and J. Soria V. "The variability of certain bean characteristics of cacao ( <i>Theobroma cacao</i> L.)." <i>Euphytica</i> 17 (1968):114-120. 1968
Box/Folder 45:27	Faichère, Aimée. "Chapitre premier." <i>Culture pratique du cacaoyer et préparation du cacao</i> . Paris: A. Challamel, 1906. 1906
Box/Folder 45:28	Fincke, H. "Versuch einer uebersicht über die hauptgrup en der kakaoarten." <i>Bull. off. IOCC</i> 9, no. 6 (1939):229-231. 1939
Box/Folder 45:29	Finney, D. J. "Was this in your statistics textbook? IV. Frequency data." <i>Experimental Agriculture</i> 25 (1989):11-25. 1989
Box/Folder 45:30	Fritz, Paul J., et al. "Backcross populations for genetic analysis of <i>Theobroma cacao</i> . Catonga X Tree 33 (Catongo X Pound 12)." <i>Turrialba</i> 45, nos. 1-2 (enero-junio 1995):49-56. 1995
Box/Folder 45:31	Froidevaux, Henri. "Explorations Françaises à l'intérieur de la Guyane pendant le second quart du XVIIIe siècle (1720-1742)." <i>Bulletin de géographie, historique et descriptive, année 2</i> (1894):218-301. 1894
Box/Folder 45:32	Geiger, Hartwig H. "The genetic basis of differences in performance between populations and their crosses." <i>Plant Research and Development</i> 8 (1978):7-24. 1978
Box/Folder 45:33	Gepts, Paul. "The crop of the day: Cacao, <i>Theobroma cacao</i> , the divine food." Online article from <a href="http://www.agronomy.ucdavis.edu/gepts/pb143/crop/cacao/cacao">www.agronomy.ucdavis.edu/gepts/pb143/crop/cacao/cacao</a> . undated
Box/Folder 45:34	Gilbert, N. "Additive combining abilities fitted to plant breeding data." <i>Biometrics</i> 23, no. 1 (Mar. 1967):45-49. 1967
Box/Folder 45:35	Gómez-Pompa, Arturo, José Slavador Flores, and Mario Aliphath Fernández. "The sacred cacao groves of the Maya." <i>Latin American Antiquity</i> 1, no. 3 (1990):247-257. 1990

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Box/Folder 45:36	Guimarães de Almeida, Maria Helena, and M. Cecília Aguiar Leitão. "Influência da tecnologia nas características do cacao commercial: estudo de parametros de qualidade do cacao de São Tomé e Príncipe." <i>Commun. IICT</i> , sér. Ciênc agrárias 19 (1995):169-180. 1995
Box/Folder 45:37	Gutiérrez G., Jorge, and Eduardo Jiménez S. "Desarrollo de un metodo fisiologico para la seleccion temprana de plantas perennes de alta productividad." <i>Cacao</i> 12, no. 1 (enero-marzo 1967):1-4. 1967
Box/Folder 45:38	"Heisz begehrt Bodensatz." <i>Wissenschaft-online</i> , July 20, 2002. 2002
Box/Folder 45:39	Henderson, F. C. "The expansion of cocoa growing in Papua-New Guinea." In <i>Cocoa, Chocolate, and Confectionary Alliance. Report of the cocoa conference held at Grosvenor House, London, W.1., 11th to 13th September 1951</i> . London: The Alliance, 1952. 1952
Box/Folder 45:40	Hermessen, J. L. "A journey on the Rio Zamora, Ecuador." Unidentified journal. undated
Box/Folder 45:41	Howes, F. N. "The early introduction of cocoa to West Africa." <i>Tropical Agriculture (Trinidad)</i> 23, no. 9 (1946):172. 1946
Box/Folder 45:42	Hunter, J. Robert. "The status of cacao ( <i>Theobroma cacao</i> , Sterculiaceae) in the Western Hemisphere." <i>Economic Botany</i> 44, no. 4 (1990):425-439. 1990
Box/Folder 45:43	Johnson, R. "A critical analysis of durable resistance." <i>Annual Review of Phytopathology</i> 22 (1984):309-330. 1984
Box/Folder 45:44	Jolliffe, I. T., O. B. Allen, and B. R. Christie. "Comparison of variety means using cluster analysis and dendrograms." <i>Experimental Agriculture</i> 25 (1989):259-269. 1989
Box/Folder 45:45	Kaden, Oskar F. "Auf der suche nach kakaoland in Liberia." <i>Gordian</i> 53, no. 1271 [undated]:24-29. undated
Box/Folder 45:46	Kaden, Oskar F. "Auf der suche nach kakaoland in Liberia. 2 teil." <i>Gordian</i> 53, no. 1272 [undated]:10-14. undated
Box/Folder 45:47	Kaden, Oskar F. "Auf der suche nach kakaoland in Liberia. Schluss." <i>Gordian</i> 53, no. 1273 [undated]:8-12. undated
Box/Folder 45:48	Kaden, Oskar F. "The cocoa islands San Tomé and Príncipe. Account of an exploration trip during the year 1952." <i>Gordian</i> 53, no. 1267 [undated]:25-29. undated
Box/Folder 45:49	Kaden, Oskar F. "Ordnung der kakaobaumtypen für zucht- und bewertungszwecke." <i>Der Tropenpflanzer: zietschrift für das gesamtgebiet der land- und forstwirtschaft warmer länder</i> 38, no. 9 (Sept. 1935):367-378. 1935
Box/Folder 45:50	Kappeller, K. <i>Die Kakobohnen-Sorten Sudamerikas</i> . undated

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Box/Folder 45:51	<b>Kelly, P. W. H. "Les travaux de sélection du cacaoyer Lafi 7 pour la 'Trust Estates Corporation' des Samoa Occidentales." Unidentified journal. undated</b>
Box/Folder 45:52	<b>Kien, Lee Aik. "Performance of some cocoa hybrids under exposed conditions." <i>Proceedings of the International Conference on Cocoa and Coconuts</i>, 1978, Kuala Lumpur. Kuala Lumpur: Society of Planters, 1980. 1980</b>
Box/Folder 45:53	<b>Lanaud, C. "Doubled haploids of cocoa (<i>Theobroma cacao</i> L.): 2. Observations of monogenic and polygenic characters." <i>Plant Breeding</i> 99 (1987):196-202. 1987</b>
Box/Folder 45:54	<b>Lipscomb, A. G. "Quality arriba cocoa." In <i>Cocoa Conference. Report of the cocoa conference held at Grosvenor House, London, 30th August-1st September 1949</i>. London: W. P. Griffith, 1949. 1949</b>
Box/Folder 45:55	<b>Lockwood, G. "Genetic resources of the cocoa plant." <i>Span</i> 28, no. 1 (1985):14-16. 1985</b>
Box/Folder 45:56	<b>Lockwood, G. "Studies in the effects of cross-incompatibility on the cropping of cocoa in Ghana." <i>Journal of Horticultural Science</i> 52 (1977):113-126. 1977</b>
Box/Folder 45:57	<b>Lotodé, R., and Ph. Lachenaud. "Methodologie destinée aux essais de selection du cacaoyer." <i>Café cacao thé</i> 32, no. 4 (Oct.-Dec. 1988):275-292. 1988</b>
Box/Folder 45:58	<b>Martinson, V. A. "Fertility improvement in induced tetraploid <i>Theobroma cacao</i> ." <i>Journal of Heredity</i> 77 (1986):279-281. 1986</b>
Box/Folder 45:59	<b>Namkoong, Gene. "Sampling for germplasm collections." <i>HortScience</i> 23 no. 1 (Feb. 1988):79-84. 1988</b>
Box/Folder 46:1	<b>Nei, Masatoshi. "Estimation of average hererozycosity and genetic distance from a small number of individuals." <i>Genetics</i> 89 (July 1973):581-590. 1973</b>
Box/Folder 46:2	<b>Obando, Nestor. "Cultivo del cacao." <i>Bull. off. IOCC</i> 6, no. 6 (1936):225-237. 1936</b>
Box/Folder 46:3	<b>Palma, Manuel. "Cacao." <i>El agricultor Venezolano</i> [1945]:40-42. 1945</b>
Box/Folder 46:4	<b>Pandey, Kamla Kant. "Evolution of gametophytic and sporophytic systems of self-incompatibility in angiosperms." <i>Evolution</i> 14, no. 1 (Mar. 1960): 98-115. 1960</b>
Box/Folder 46:5	<b>Parsons, James J. "The settlement of the Sinu Valley of Colombia." <i>Geographical Review</i> . Undated. undated</b>
Box/Folder 46:6	<b>Patrick, John W. "Assimilate partitioning in relation to crop productivity." <i>HortScience</i> 23, no. 1 (Feb. 1988):33-40. 1988</b>
Box/Folder 46:7	<b>Perry, Mark, Allan K. Stoner, and Jimmie D. Mowder. "Plant germplasm information management system: germplasm resources information network." <i>HortScience</i> 23, no. 1, (Feb. 1988):57-60. 1988</b>

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Box/Folder 46:8	<b>Pittier, Enrique.</b> "Agricultura ¿Es en cacaotero indígena en Costa Rica?" <i>Boletín del Instituto Físico-Geográfico de Costa Rica</i> 2, no. 20 (Aug. 1902):193-196. 1902
Box/Folder 46:9	<b>Pittier, M. H.</b> "L'origine hybride des cacaoyers cultivés." [Unidentified journal] 5 (1925):908-915. 1925
Box/Folder 46:10	<b>Posnette, A. F.</b> "Self-incompatibility in cacao ( <i>Theobroma cacao</i> )." In <i>West African Agricultural Conference. Proceedings: third conference of West African agricultural officers (held in Nigeria, June, 1938)</i> . Lagos, Nigeria: Government Printer, 1938. 1938
Box/Folder 46:11	<b>Robyns, André, and José Cuatrecasas.</b> "Flora of Panama (Family 117. Sterculiaceae)." <i>Annals of the Missouri Botanical Garden</i> 51 (1964):67-107. 1964
Box/Folder 46:12	<b>Sanchez, Pedro, and Klaus Jaffe.</b> "Rutas de migraciones humanas precolombinas a la Amazonia sugeridas por la distribución del cacao." <i>Interciencia</i> 17, no. 1 (Jan.-Feb. 1992):28-34. 1992
Box/Folder 46:13	<b>Schultes, Richard Evans.</b> "Plantae Austro-Americanae. - I Novae notions conjuncionesque generis Herranae." <i>Caldasia</i> 6 (Mar. 1943): 11-24. 1943
Box/Folder 46:14	<b>Schwarz, Leonard J.</b> "Cocoa in São Tomé and Príncipe." <i>Bull. off. IOCC</i> 3, no. 3 (1933):123-43. 1933
Box/Folder 46:15	<b>Simmonds, N. W.</b> "Conference review: genetic engineering of plants." <i>Tropical Agriculture (Trinidad)</i> 60, no. 1 (Jan. 1983): 66-69. 1983
Box/Folder 46:16	<b>Simpson, Beryl B., and Jürgen Haffer.</b> "Speciation patterns in the Amazonian forest Biota." <i>Ann. Rev. Ecol. Syst.</i> 9 (1978):497-518. 1978
Box/Folder 46:17	<b>Singh, M., and R. K. Singh.</b> "A comparison of different methods of half-diallel analysis." <i>Theoretical and Applied Genetics</i> 67 (1984):323-326. 1984
Box/Folder 46:18	<b>Singh, O., and R. S. Paroda.</b> "A comparison of different diallel analyses." <i>Theoretical and Applied Genetics</i> 67 (1984):541-545. 1984
Box/Folder 46:19	<b>Smith, Nigel.</b> "New genes from wild potatoes." <i>New Scientist</i> , May 26, 1983, 558-565. 1983
Box/Folder 46:20	<b>Solbrig, Otto T.</b> "On the relative advantages of cross- and self-fertilization." <i>Annals of the Missouri Botanical Garden</i> 63 (1976):262-276. 1976
Box/Folder 46:21	<b>Soria, J.</b> "Recent cacao collecting expeditions." In <i>Crop genetic resources for today and tomorrow</i> , edited by O. H. Frankel and J. G. Hawkes. Cambridge, Eng.: Cambridge University Press, 1975. 1975

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Box/Folder 46:22	<b>Soria V., Jorge.</b> "Notes on the native cacaos in the vicinity of Iquitos (Peru) and of Alto Beni (Bolivia)" <i>Cacao (Turrialba)</i> 10, no. 4 (1965):14-16. 1965
Box/Folder 46:23	<b>Stahel, Dr.</b> "Witch Broom." <i>Guardian</i> , Jan. 4, 1929. 1929
Box/Folder 46:24	<b>Steinberg, Michael K.</b> "The globalization of a ceremonial tree: the case of cacao ( <i>Theobroma cacao</i> ) among the Mopan Maya." <i>Economic Botany</i> 56, no. 1 (2002):58-65. 2002
Box/Folder 46:25	<b>Stockdale, F. A.</b> "Cacao Research." <i>Tropical Agriculturalist</i> 71, no 6 (Dec. 1928):327-342. 1928
Box/Folder 46:26	<b>Stone, Doris.</b> "The empire built on chocolate." <i>Garden</i> , May-June, 1983, 16-20. 1983
Box/Folder 46:27	<b>Stone, Doris.</b> "Pre-Columbian migration of <i>Theobroma cacao</i> Linneaus and <i>Manihot esculente</i> Crantz from northern South America into Mesoamerica. A partially hypothetical view." In <i>Pre-Columbian plant migration: Papers presented at the pre-Columbian plant migration symposium, 44th International Congress of Americanists, Manchester, England</i> , edited by Doris Stone. Cambridge, Mass.: Harvard University Press, 1984. 1984
Box/Folder 46:28	<b>Strauss, Michael S., John A. Pino, and Joel L. Cohen.</b> "Quantification of diversity in <i>ex-situ</i> plant collections." <i>Diversity</i> . Undated. undated
Box/Folder 46:29	<b>Strobel, Gary A.</b> "A mechanism of disease resistance in plants." Unidentified journal. undated
Box/Folder 46:30	<b>Tan, H.</b> "Estimates of general combining ability in Hevea breeding at the Rubber Research Institute of Malaysia I. Phases II and III A." <i>Theoretical and Applied Genetics</i> 50 (1977):29-34. 1977
Box/Folder 46:31	<b>Tan, H., and S. Subramaniam,</b> "A five-parent diallel cross analysis for certain characters of young Hevea seedlings." In <i>Rubber Research Institute of Malaysia, Proceedings, International Rubber Conference, 1975, Kuala Lumpur, Malaysia . Vol. 2.</i> Kuala Lumpur: The Institute, 1976. 1976
Box/Folder 46:32	<b>Timbie, Douglas J., and Philip G. Keeney.</b> "Comparison of several types of cocoa beans relative to fractionated protein components." <i>Agricultural and Food Chemistry</i> 28, no. 2 (Mar./Apr. 1980):472-474. 1980
Box/Folder 46:33	<b>Towill, Leigh E.</b> "Genetic considerations for germplasm preservation of clonal materials." <i>HortScience</i> 23, no. 1 (Feb. 1988):91-97. 1988
Box/Folder 46:34	<b>Toxopeus, H.</b> "Cacao-populaties, hun verspreiding en het optreden van heterosis." <i>Landbouwkundig Tijdschrift</i> 83, no. 10:425-429. undated

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Box/Folder 46:35	<b>Tudge, Colin. "The future of crops." <i>New Scientist</i>, May 26, 1983, 547-553. 1983</b>
Box/Folder 46:36	<b>"L'utilisation de l'haploïdie pour l'amélioration du cacaoyer." Unidentified journal. undated</b>
Box/Folder 46:37	<b>Van der Graaff, N. A. "Breeding for stable resistance in tropical crops: Strategies to maintain balanced pathosystems in modern agriculture." <i>FAO Plant Protection Bulletin</i> 27, no. 1 (1979):1-3. 1979</b>
Box/Folder 46:38	<b>"Las variedades del cacao cultivadas en la zona Atlántica de Costa Rica." <i>Boletín del Instituto Fisco-Geográfico de Costa Rica</i> 2, no. 18 (1902):121-122. 1902</b>
Box/Folder 46:39	<b>Venturieri, Giorgini Augusto, and Marivana Borges Silva. "Fenologia floral do cacao-jacaré (<i>Herrania Mariae</i>)-Sterculiaceae." <i>Boletim do museu brzense Emílio Goeldi, sér. botânica</i>, 13, no. 1 (1997):31-47. 1997</b>
Box/Folder 46:40	<b>Voelcker, O. J. "A review of cacao selection in the Cameroons." <i>Tropical Agriculture</i> 17, no. 12:223-225. undated</b>
Box/Folder 46:41	<b>Von Ihering, H. "Der Rio Juruá." Unidentified journal. undated</b>
Box/Folder 46:42	<b>Vyle, L. R. "Criollo cocoa." In <i>Cocoa Conference. Report of the cocoa conference held at Grosvenor House, London, 30th August-1st September 1949</i>. London: W. P. Griffith, 1949. 1949</b>
Box/Folder 46:43	<b>Wagner, Moritz, and Ritter von Karl Scherzer. "Las tribus salvajes de los indios de la costa oriental." In <i>La república de Costa Rica en Centro America</i>. Leipzig: Arnoldische Buchandlung, 1856. 1856</b>
Box/Folder 46:44	<b>Walker, J. T. "Selection and quantitative characters in field crops." <i>Biol. Rev.</i> 44 (1969): 207-243. 1969</b>
Box/Folder 46:45	<b>Walker, P. "Problems of experimental design in tropical regions." Unidentified journal. undated</b>
Box/Folder 46:46	<b>Webster, R. K. "Recent advances in the genetics of plant pathogenic fungi." Unidentified journal. undated</b>
Box/Folder 46:47	<b>West, J. "The development of cacao selection in Nigeria." In <i>West African Agricultural Conference. Proceedings: third conference of West African agricultural officers (held in Nigeria, June, 1938)</i>. Lagos, Nigeria: Government Printer, 1938. 1938</b>
Box/Folder 46:48	<b>Wurster, Wulfgang W. "Erforschung und erhalt von Maya-stadten im Peten." <i>Spektrum der Wissenschaft</i>, December 1996. 1996</b>

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Box/Folder 46:49	<b>Zak, Dennis L., and Philip G. Keeney.</b> "Extraction and fractionation of cocoa proteins as applied to several varieties of cocoa beans." <i>Agricultural and Food Chemistry</i> 24, no. 3 (May/June 1976):479-483. 1976
Box/Folder 46:50	<b>Unidentified fragments 1906-1989</b>

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Subseries 5.2 **Books 1901-1997****Physical Description:** 3.6 linear feet**Scope and Content Note**

Books, mainly on cacao, written in Dutch, English, French, German, Motu (Papua New Guinean), Pidgin, Portuguese, Spanish. Alphabetical arrangement.

Box/Folder 47:1	<b>Almeida, Caio Márcio Vasconcellos Cordeiro de., Paulo Fernandex R. Machado, Júlio Pontes Barriga, and Fernando César O. da Silva.</b> <i>Coleta de cacao (Theobroma cacao L.) da Amazônia Brasileira: uma abordagem histórica e analítica.</i> Porto Velho, Brazil: CEPLAC, 1995. 1995
Box/Folder 47:2	<b>Alves, Alair Maria Botelho, comp.</b> <i>Lavantamento bibliográfico sobre "vassoura de bruxa" do cacau Crinipellis pernicioso (Stahel) Singer.</i> Belém, Brazil: CEPLAC/DEPEA/COPES/Núcleo de Documentação, 1981. 1981
Box/Folder 47:3	<b>Alves, Alair Maria Botelho, comp.</b> <i>Recurso genético do cacau: levantamento bibliográfico.</i> Belim, Brazil: CEPLAC/DEPEA/COPES/SEBID, 1987. 1987
Box/Folder 47:4	<b>Alves, Alair Maria Botelho, comp.</b> <i>Vassoura-de-bruxa do cacau Crinipellis pernicioso (Stahel) Singer: Lavantamento bibliográfico.</i> Belém, Brazil: CEPLAC/DEPOR/COPES/SEBID, 1988. 1988
Box/Folder 47:5	<b>Are, L. A., and D. R. G. Gwynne-Jones.</b> <i>Cacao in West Africa.</i> Ibadan: Oxford University Press, 1974. 1974
Box/Folder 47:6	<b>Ascenso, José Crespo.</b> <i>Inheritance and relationships among growth characters of young cacao seedlings. Estudos ensaios e documentos, no. 105.</i> Lisbon: n.p., 1963. 1963
Box/Folder 47:7	<b>Barriga, Júlio Pontes, et al.</b> <i>Perservação e utilização dos recursos genéticos de cacau na Amazônia Brasileira.</i> N.p.: Comissão Executiva do Plano da Lavoura Cacaueira Departamento Especial da Amazônia, n.d. undated
Box/Folder 47:8	<b>Bibliografia do cacau.</b> Vol. 1. Brasília, Brazil: Ministério da Agricultura, Comissão Executiva do Plano da Lavoura Cacaueira, 1977. 1977
Box/Folder 47:9	<b>Biscuit, Cake, Chocolate, and Confectionery Alliance.</b> <i>Cocoa beans: chocolate manufacturers' quality requirements.</i> 4th ed. London: The Alliance, 1996. 1996
Box/Folder 47:10	<b>Brazil Minister of Exterior Relations.</b> <i>Cacão: A situação do Brasil no intercambio mundial.</i> Rio de Janeiro: Imprensa Nacional, 1931. 1931
Box/Folder 47:11	<b>Castro Sobrnh, Antonio Ribeiro de.</b> <i>O cacauzeiro e sua cultura intensive.</i> Rio de Janeiro: Revista dos Tribunaes, 1924. 1924
Box/Folder 47:12	<b>Cocoa.</b> London: Barclay's Bank DCO, 1966. 1966
Box/Folder 47:13	<b>Cocoa Bean Tests, 1961/62.</b> Rev. ed. Hamburg: Gordian, 1962. 1962
Box/Folder 48:1	<b>Cocoa, Chocolate, and Confectionary Alliance.</b> <i>Cocoa beans: chocolate manufacturers' quality requirements.</i> 3d ed. London: Cocoa, Chocolate, and Confectionary Alliance, 1984. 1984
Box/Folder 48:2	<b>Cocoa Research Group of Papua New Guinea, comp.</b> <i>Review of the research requirements for cocoa in Papua New Guinea July 1983.</i> Edited by J. E. Moxon. Papua, New Guinea: Department of Primary Industry, [1983]. 1983
Box/Folder 48:3	<b>Cook, Leon Russell.</b> <i>Chocolate production and use.</i> New York: Books for Industry, 1972. 1972
Box/Folder 48:4-5	<b>Cuatrecasas, José.</b> <i>Cacao and its allies: a taxonomic revision of the genus Theobroma.</i> Contributions from the United States National Herbarium, vol. 35, part 6. Washington, D.C.: Smithsonian Institution, 1964 1964
Box/Folder 48:6	<b>Engels, J. M. M.</b> <i>Genetic resources of cacao: a catalogue of the CATIE collection.</i> Turrialba: Centro Agronomico Tropical de Investigacin y Ensenanza, 1981. 1981

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- Box/Folder 49:1 **Enríquez, Gustavo A. *Curso sobre el cultivo del cacao*. Turrialba, Costa Rica: Centro Agronómico Tropical de Investigación y Enseñanza, 1985. 1985**
- Box/Folder 49:2 **Enriquez, Gustavo A., and Jorge Soria V. *Cacao cultivars register*. N.p.: IICA Teaching and Research Center, 1967. 1967**
- Box/Folder 49:3 **Enríquez, Gustavo A., and Jorge Soria V. *Mejoramiento genético para resistencia a cinco enfermedades del cacao*. Turrialba, Costa Rica: Centro Agronómico Tropical de Investigación y Enseñanza, 1984. 1984**
- Box/Folder 49:4 **Food and Agricultural Organization of the United Nations. *Breeding for durable resistance in perennial crops*. FAO plant production and protection paper 70. Rome: Food and Agricultural Organization of the United Nations, 1986. 1986**
- Box/Folder 49:5 **Fritz, Paul J., Wilberth Phillips-Mora, and Helga Rodriguez R. *New tools for 21st century plant breedings*. Turrialba, Costa Rica: Centro Agronómica Tropical de Investigación y Enseñanza, 1995. 1995**
- Box/Folder 49:6 **Gramacho, Ivan da Costa Pinto. *Cultivo e beneficiamento do cacao na Bahia*. Bahia, Brazil: CEPLAC, 1992. 1992**
- Box/Folder 49:7 **Hardy, Frederick, ed. *Cacao manual*. English ed. Turrialba, Costa Rica: Inter-American Institute of Agricultural Sciences, 1960. 1960**
- Box/Folder 50:1 **Harris, John H. *Dawn in darkest Africa*. London: Smith, Elder, 1912. 1912**
- Box/Folder 50:2 ***Informe de pesquisa, 1994-1996*. N.p.: Ministério da Agricultura e do Abastecimento, Comissão Executiva do Plano da Lavoura Cacaueira, Superintendência da Amazônia Oriental, Serviço de Pesquisa, n.d. undated**
- Box/Folder 50:3 **Instituto Nacional de Investigaciones Agropecuarias. *Informe 1963*. Vol. 2. N.p.: [INIAP, 1963]. 1963**
- Box/Folder 50:4 **Lawrence, J. S. *Evaluation of methods for assessing resistance of cacao Theobroma cacao L. Cultivars and hybrids to Phytophthora palmivora (Butler) Butler*. Itabuna, Brazil: Centro de Pesquisas do Cacao, 1978. 1978**
- Box/Folder 50:5 **Le Cointe, Paul. *A cultura do cacao na Amazônia*. 2d ed. Rio de Janeiro: Directoria de Estatstica da Produção, Secção de Publicidade, 1934. 1934**
- Box/Folder 50:6 **Leon, Jorge. *Especies y cultivares (variedades) de café*. Turrialba, Costa Rica: n.p. 1962. 1962**
- Box/Folder 50:7 **Lery, François. *Le Cacao. Que sais-je? Le point des connaissances actuelles*, no. 644. Paris: Presses Universitaires de France, 1954. 1954**
- Box/Folder 50:8-9 ***Literatura de cacao (Theobroma cacao L.)*. Edición acumulada. Tirriaba, Costa Rica: Instituto Interamericano de Ciencias Agrícolas de la OEA; and Ithabuna, Brazil: Centro Pesquisas do Cacao, 1971 1971**
- Box/Folder 51:1 **Lopez Baez, Orlando. *Herencia de ciertos caracteres de la semilla del cacao (Theobroma cacao L.)*. Turrialba, Costa Rica: Universidad de Costa Rica, 1984. 1984**
- Box/Folder 51:2 ***Manual del curso de cacao*. Turrialba, Costa Rica: Instituto Interamericano de Ciencias Agrícolas, Departamento de Fitotécnia, Servicios Técnicos de Café y Cacao, 1957. 1957**
- Box/Folder 51:3 **Martinez, Alfonso, and Gustavo A. Enriquez. *La somba para el cacao: revisión de literatura y bibliografía anotada*. Turrialba, Costa Rica: Centro Agronómico Tropical de Investigación y Enseñanza, 1984. 1984**
- Box/Folder 51:4 **Meursing, E. H. *Cocoa powders for industrial processing: applications, quality characteristics, specifications, methods of analysis, miscellaneous data and tables*. 3d ed. Koog aan de Zaan, Holland: Cacaofabriek De Zaan, 1983. 1983**
- Box/Folder 51:5 **Moav, Rom, ed. *Agricultural genetics: selected topics*. New York: John Wiley and Sons, 1973. 1973**
- Box/Folder 51:6 **Morera, Jorge, Alfredo Paredes, and Antonio Mora. *Germoplasma de cacao en el CATIE entre 1947 y 1991*. San José, Costa Rica: Instituto Interamericano de Cooperacion Para La Agricultura, 1991. 1991**
- Box/Folder 51:7 **Olivares, M., Felix R. *El cacao: introduccion y fomento en Republica Dominicana*. Santo Domingo, Dominican Republic: Del Instituto Agrario Dominicano, 1988. 1988**
- Box/Folder 51:8 **Oviedo y Valdes, Gonzalo Fernández de, and Juan Pérez de Tudela Bueso. *Historia general y natural de las Indias*. Biblioteca de autores Españoles. Madrid Ediciones Atlas, 1959. 1959**
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- Box/Folder 51:9 **Patiño, Victor Manuel. *Plantas cultivadas y animals domésticas en América meridional, vol. 1, esterculiaceas, 53. T. cacao.* Cali, Colombia: Imprenta Departmental, 1963. 1963**
- Box/Folder 52:1 **Pérez Arbeláez, Enrique. *Manual de cacaotero venezolano.* Caracas: Cooperativa artes graficas, 1937. 1937**
- Box/Folder 52:2 **Posnette, A. F. *Fifty years of cocoa research in Trinidad and Tobago.* St. Augustine, Trinidad: Cocoa Research Unit, University of the West Indies, 1986. 1986**
- Box/Folder 52:3 **Prance, Ghilleen Tolmie, and Marlene Freitas da Silva. *Árvores de Manaus. Manaus, Amazonas: Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq), Instituto Nacional de Pesquisas da Amazônia (INAP), 1975. 1975***
- Box/Folder 52:4 **Preuss, Paul. *Cocoa: its cultivation and preparation.* Archives of Cocoa Research, vol. 3. Translated by Margot von Mitschke Collander-Verà. Brussels, Belgium: International Office of Cocoa and Chocolate, 1985. 1985**
- Box/Folder 52:5 **Prior, C. *Vascular streak dieback disease of cocoa: an illustrated guide for growers.* [Port Moresby: University of Papua New Guinea, 1980-1983]. 1980-1983**
- Box/Folder 52:6 **Ramirez Mora, Luis Guillermo. *Herencia de ciertos caracteres de la mazorca y del arbol de cacao ( Theobroma cacao L.).* Turrialba, Costa Rica: Universidad de Costa Rica, 1987. 1987**
- Box/Folder 52:7 **Ribeiro, Leda Góes. *Cacau atualidades: índice cumulativo, 1966-1977.* Ilhéus, Bahia, Brazil: Comissão Executiva do Plano da Lavoura Cacaueira, Órgão Vinculado ao Ministério da Agricultura, 1981. 1981**
- Box/Folder 52:8 **Roepke, W. *Cacao.* Onke koloniale landbouw XI. Haarlem, Netherlands: H. D. Tjeenk Willink, 1917. 1917**
- Box/Folder 52:9 **Royo, Laura Coto, and Carmen Villegas, comps. *Escoba de bruja del cacao (Marasmius pernicius) : Bibliografía parcialmente anotada.* Turrialba, Costa Rica: Centro Interamericano de Documentación e Información Agrícola (CIDA) Biblioteca Conmemorativa Orgon, 1983. 1983**
- Box/Folder 52:10 **São Tomé and Príncipe Governor. *Doença do cacao: (Exertos de alguns livros e relatorios sobre o seu tratamento).* São Tomé: Imprensa Nacional, 1919. 1919**
- Box/Folder 52:11 **Scerne, Ruth Maria Cordeiro, and Moises Moreira dos Santos. *Aspectos agroclimáticos do município de Medicilândia, Pa.* Belem, Para, Brazil: Comissão Executiva do Plano da Lavoura Cacaueira, Superintendência Regional da Amazônia Oriental, 1994. 1994**
- Box/Folder 52:12 **Seabra, Amando de. *As doenças das plantações de cacao das Ilhas de S. Tomé e Príncipe.* Lisbon: Empresa Diaro de Noticias, 1921. 1921**
- Box/Folder 52:13 **Silva, Pedrito. *Cacau e lagartão ou vassoura-de-bruxa: registros efetuados por Alexandre Rodrigues Ferreira nos anos de 1785 a 1787 na Amazônia.* Bahia, Brazil: CEPLAC, 1987. 1987**
- Box/Folder 52:14 **Smith, Harold Hamel. *The Future of Cacao Planting.* London: 1908. 1908**
- Box/Folder 53:1 **Smyth, A. J. *The selection of soils for cocoa.* Soils bulletin, no. 5. Rome: Food and Agriculture Organization of the United Nations, 1966. 1966**
- Box/Folder 53:2 **Smyth, A. J. *La seleccion de suelos para cultivo del cacao.* Boletin sobre suelos, no. 5. Rome: Organizacion de las Naciones Unidas para la Agricultura y la Alimentacion, 1967. 1967**
- Box/Folder 53:3 **Soria V., Jorge, and Gustavo A. Enríquez. *International cacao cultivar catalogue.* Technical series; Technical bulletin no. 6. Turrialba, Costa Rica: Tropical Agricultural Research and Training Center, 1981. 1981**
- Box/Folder 53:4 ***The story of chocolate.* N.p.: Chocolate Manufacturers Association of the U.S.A., 1960. 1960**
- Box/Folder 53:5 **Thompson, John Eric Sidney. *Notes on the use of cacao in Middle America.* Notes on Middle American Archaeology and Ethnology, No. 128. [Washington, D.C.]: Carnegie Institution, 1956. 1956**
- Box/Folder 53:6 **Thorold, C. A. *Diseases of cocoa.* Oxford: Clarendon Press, 1975. 1975**
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Box/Folder 53:7	<b>Toxopeus, Hille, ed., <i>Cocoa populations and witches' broom disease in South America</i>. Archives of Cocoa Research, vol. 1. Russell E. Larson, cooperator. [Washington, D.C.]: American Cocoa Research Institute; [Brussels, Belgium]: International Office of Cocoa and Chocolate, [1983]. 1983</b>
Box/Folder 53:8-9	<b>Toxopeus, Hille, and Pieter C. Wessel, eds. <i>Cocoa research in Indonesia 1900-1950</i>. Archives of Cocoa Research, vol. 2. Russell E. Larson, cooperator. [Washington, D.C.]: American Cocoa Research Institute; [Brussels, Belgium]: International Office of Cocoa and Chocolate, [1983] 1983</b>
Box/Folder 54:1	<b>Urquhart, D. H. <i>Cocoa</i>. 2d ed. London: Longmans, 1961. 1961</b>
Box/Folder 54:2	<b>Van der Vossen, H. A. M. <i>Strategies of variety improvement in cocoa with emphasis on durable disease resistance: an external review prepared for INGENIC</i>. Reading, U.K.: INGENIC, [1996]. 1996</b>
Box/Folder 54:3	<b>Venturieri, Giorgini Augusto. <i>Capuaçu: a espécie, sua cultura, usos, e processamento</i>. Belém, Brazil: Clube do Cupu, 1993. 1993</b>
Box/Folder 54:4	<b>Villegas, Carmen, and Gustavo A. Enríquez, comps. <i>Moniliasis: bibliografía parcialmente anotada</i>. Turrialba, Costa Rica: CATIE, CIDIA, 1979. 1979</b>
Box/Folder 54:5	<b>Wadsworth, R. M., et al. <i>International cocoa germplasm database</i>. Vol. 1. London: London International Financial Futures and Options Exchange (LIFFE)/University of Reading, 1997. 1997</b>
Box/Folder 54:6	<b>Wadsworth, R. M., et al. <i>International cocoa germplasm database</i>. Vol. 2. London: London International Financial Futures and Options Exchange (LIFFE)/University of Reading, 1997. 1997</b>
Box/Folder 55:1	<b>Wadsworth, R. M., et al. <i>International cocoa germplasm database</i>. Vol. 3. London: London International Financial Futures and Options Exchange (LIFFE)/University of Reading, 1997. 1997</b>
Box/Folder 55:2	<b>Wadsworth, R. M., et al. <i>International cocoa germplasm database</i>. Vol. 4. London: London International Financial Futures and Options Exchange (LIFFE)/University of Reading, 1997. 1997</b>
Box/Folder 55:3	<b>Wadsworth, R. M., et al. <i>International cocoa germplasm database</i>. Vol. 5. London: London International Financial Futures and Options Exchange (LIFFE)/University of Reading, 1997. 1997</b>
Box/Folder 55:4	<b>Wadsworth, R. M., et al. <i>International cocoa germplasm database</i>. Vol. 6. London: London International Financial Futures and Options Exchange (LIFFE)/University of Reading, 1997. 1997</b>
Box/Folder 55:5	<b>Zadoks, J. C. <i>Disease resistance testing in cocoa: a review on behalf of FAO/INGENIC</i>. Reading, U.K.: INGENIC and FAO, 1997. 1997</b>
Box/Folder 47:1	<b>Zehntner, Leo. <i>Le cacaoyer dans l'état de Bahia</i>. Berlin: R. Friedländer, 1914. 1914</b>

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## Subseries 5.3 Reports and Proceedings 1926-2006

**Physical Description:** 12.7 linear feet

**Scope and Content Note**

Published and unpublished reports and conference proceedings, mainly related to cacao, written in Dutch, English, French, Portuguese, and Spanish. Alphabetical arrangement.

Box/Folder 56:1	<b>Bekele, F., M. M. End, and A. B. Eskes, eds. <i>Proceedings of the international workshop on cocoa breeding for improved production systems, 19th-21st October 2003, Accra, Ghana</i>. N.p.: INGENIC and Ghana Cocoa Board, 2005. 2005</b>
Box/Folder 56:2	<b>Centro de Pesquisas do Cacao. <i>Proceedings of the II international workshop on the witches' broom disease crinipellis perniciososa (Stehel) Singer of cacao, Amazonia, Brazil, July 19-25, 1982</i>. Bahia, Brazil: CEPLAC, 1983. 1983</b>
Box/Folder 56:3	<b>Centro de Pesquisas do Cacao. <i>Seminário sobre "vassoura-de-bruxa" do cacao Crinipellis perniciososa (Stehel) Singer, Manaus e Rondonia, Brasil 18-22 de abril de 1978</i>. Bahia, Brazil: CEPLAC, 1979. 1979</b>
Box/Folder 56:4	<b>Cocoa, Chocolate and Confectionery Alliance. <i>Report of the cocoa conference held at Grosvenor House, London, W. 1 13th to 15th September 1955</i>. London: The Alliance, [1955]. 1955</b>

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- Box/Folder 56:5 **Cocoa, Chocolate and Confectionery Alliance. *Report of the cocoa conference held at Grosvenor House, London, W. 1 10th to 12 September 1957.* London: The Alliance, 1958. 1958**
- Box/Folder 56:6 **Cocoa, Chocolate and Confectionery Alliance. *Report of the cocoa conference held at Grosvenor House, London, W. 1 12th to 14th September 1961.* London: The Alliance, [1961]. 1961**
- Box/Folder 56:7 **Cocoa Industry Board, Jamaica. *Report of the cocoa industry board, Jamaica, 1st April, 1962, to 30th September, 1963.* Kingston: The Board, 1964. 1964**
- Box/Folder 56:8 **Cocoa Research Institute (Ghana) Ghana Academy of Sciences. *Annual report, 1967-68.* [Tafo: The Institute], 1969. 1969**
- Box/Folder 56:9 **Cocoa Research Institute (Ghana) Ghana Academy of Sciences. *Proceedings of the cacao mirid control conference at the Cocoa Research Institute (Ghana Academy of Sciences), Tafo, Akim, Ghana, 6th and 7th August 1963.* Tafo: The Institute, 1964. 1964**
- Box/Folder 57:1 **Cocoa Research Institute (Ghana) Ghana Academy of Sciences. *Report for the period 1st April 1962-30th September 1963.* Tafo: The Institute, 1964. 1964**
- Box/Folder 57:2 **Cocoa Research Institute of Nigeria. *Annual report, 1966-67.* Ibadan, [1967]. 1967**
- Box/Folder 57:3 **Cocoa Research Institute of Nigeria. *Notes on the Technical Aspects of Cocoa Rehabilitation in Nigeria.* Memorandum no. 18, n.d. undated**
- Box/Folder 57:4 **Conferencia Interamericana de Cacao. *Séptima conferencia interamericana de cacao, Palmira, Colombia 13-19 de Julio de 1958.* Bogota, Colombia: Ministerial de agricultura de Colombia, división de investigaciones agropecuarias, 1958. 1958**
- Box/Folder 57:5 **Conservation International. *A biological assessment of the Alto Madidi Region and adjacent areas of Northwest Bolivia May 18-June 15, 1990.* Washington, D.C.: Conservation International, 1991. 1991**
- Box/Folder 57:6 **Cote d'Ivoire, Ministry of Agriculture, and International Office of Cocoa and Chocolate. *Conférence internationale sur les recherches agronomiques cacaoyères, Abidjan 15-20 novembre 1965.* Paris: Jouve, 1967. 1967**
- Box/Folder 58:1 **Cruz, Luiz Carlos, ed. *Memórias da segunda conferência internacional de pesquisas em cacao.* Salvador, Bahia, Brasil, [1969]. 1969**
- Box/Folder 58:2 **Dimick, Paul S., ed. *Proceedings of the cacao biotechnology symposium.* University Park, Penn.: Department of Food Science, College of Agriculture, Pennsylvania State University, 1986. 1986**
- Box/Folder 58:3 **Ehrencron, G. E. V., and W. C. S. Heemskerck. "Een onderzoek naar de overerving en correlaties van enkele zaadeigenschappen by cacao (*Theobroma cacao* L.)." Student report, Doctoraalverslag Landbouwhogeschool, Vakgroep Plantenveredeling, 1976. 1976**
- Box/Folder 58:4 **Enriquez C., Gustavo, et al. "Observaciones preliminares de la variabilidad de algunas características en la progenie híbrida de cruces interclonales de cacao." Research report, undated. undated**
- Box/Folder 58:5 **Eskes, Albertus B., Jan M. M. Engels, and R. A. Lass., eds. *Working procedures for cocoa germplasm evaluation and selection: proceedings of the CFC/ICCO/IPGRI project workshop 1-6 February 1998-Montpellier, France.* Rome: International Plant Genetic Resources Institute, 2000. 2000**
- Box/Folder 58:6 **Food and Agriculture Organization of the United Nations. *Papers presented at the first session of the technical working party on cocoa production, Rome, 7-11 September 1964.* Rome: Food and Agricultural Organization of the United Nations, 1964. 1964**
- Box/Folder 59:1 **Food and Agriculture Organization of the United Nations. *Papers presented at the second session of the technical working party on cocoa production and protection, Rome, 19-23 September 1966.* Rome: Food and Agricultural Organization of the United Nations, 1966. 1966**
- Box/Folder 59:2 **Food and Agriculture Organization of the United Nations. *Report of the first FAO technical cacao meeting, held at Accra, Ghana, February 1959.* Rome: Food and Agriculture Organization of the United Nations, 1959. 1959**
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Box/Folder 59:3	<b>Food and Agriculture Organization of the United Nations. <i>Report of the first session of the FAO technical working party on cocoa production, held at Rome, Italy 7 to 11 September 1964.</i> Rome: Food and Agriculture Organization of the United Nations, 1964. 1964</b>
Box/Folder 59:4	<b>Food and Agriculture Organization of the United Nations. <i>Report of the meeting of the technical advisory committee of the FAO technical working party on cocoa production and protection, held at Salvador, Bahia, Brazil, 21 November 1967.</i> Salvador, Bahia, Brazil: Food and Agriculture Organization of the United Nations, 1967. 1967</b>
Box/Folder 59:5	<b>Food and Agriculture Organization of the United Nations. <i>Report of the meeting of the technical advisory committee of the FAO technical commission on cocoa production and protection, Accra Ghana, 24 November 1969.</i> Rome: Food and Agriculture Organization of the United Nations, 1970. 1970</b>
Box/Folder 59:6	<b>Food and Agriculture Organization of the United Nations. <i>Report of the second session of the FAO technical working party on cocoa production and protection, held at Rome, Italy 19-23 September 1966.</i> Rome: Food and Agriculture Organization of the United Nations, 1966. 1966</b>
Box/Folder 59:7	<b>IBPGR Working Group on Genetic Resources of Cocoa, et al. <i>IBPGR Working Group on Genetic Resources of Cocoa report.</i> Rome: IBPGR Secretariat, 1981. 1981</b>
Box/Folder 59:8	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>First annual report on cacao research, 1931.</i> Port-of-Spain, Trinidad, 1932. 1932</b>
Box/Folder 59:9	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Second annual report on cacao research, 1932.</i> Port-of-Spain, Trinidad, 1933. 1933</b>
Box/Folder 59:10	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Third annual report on cacao research, 1933.</i> Port-of-Spain, Trinidad, 1934. 1934</b>
Box/Folder 59:11	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Fourth annual report on cacao research, 1934.</i> Port-of-Spain, Trinidad, 1935. 1935</b>
Box/Folder 59:12	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Fifth annual report on cacao research, 1935.</i> Port-of-Spain, Trinidad, 1936. 1936</b>
Box/Folder 59:13	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Sixth annual report on cacao research, 1936.</i> Port-of-Spain, Trinidad, 1937. 1937</b>
Box/Folder 59:14	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Seventh annual report on cacao research, 1937.</i> Port-of-Spain, Trinidad, 1938. 1938</b>
Box/Folder 60:1	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Eighth annual report on cacao research, 1938.</i> Port-of-Spain, Trinidad, 1939. 1939</b>
Box/Folder 60:2	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Ninth annual report on cacao research, 1939.</i> Port-of-Spain, Trinidad, 1940. 1940</b>
Box/Folder 60:3	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Tenth annual report on cacao research, 1940.</i> Port-of-Spain, Trinidad, 1941. 1941</b>
Box/Folder 60:4	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Eleventh annual report on cacao research, 1941-43.</i> Port-of-Spain, Trinidad, 1944. 1944</b>
Box/Folder 60:5	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Interim report on cacao research, 1943-44.</i> Port-of-Spain, Trinidad, 1945. 1945</b>
Box/Folder 60:6	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Interim report on cacao research, 1944-45.</i> Port-of-Spain, Trinidad, 1946. 1946</b>
Box/Folder 60:7	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Report on cacao research, 1945-1951.</i> St. Augustine, Trinidad: Imperial College of Agriculture, [1953]. 1953</b>
Box/Folder 60:8	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Report on cacao research, 1952.</i> St. Augustine, Trinidad: Imperial College of Agriculture, [1953]. 1953</b>
Box/Folder 60:9	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Report on cacao research, 1953.</i> St. Augustine, Trinidad: Imperial College of Agriculture, [1954]. 1954</b>
Box/Folder 60:10	<b>Imperial College of Tropical Agriculture (Trinidad and Tobago). <i>Report on cacao research, 1954.</i> St. Augustine, Trinidad: Imperial College of Agriculture, [1955]. 1955</b>

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- Box/Folder 60:11 **Imperial College of Tropical Agriculture (Trinidad and Tobago). *Report on cacao research, 1955-1956*. St. Augustine, Trinidad: Imperial College of Agriculture, [1957]. 1957**
- Box/Folder 61:1 **Instituto de Cacau da Bahia, Comit e T ecnico Interamericano de Cacau. *VI reuni o do comit e t ecnico interamericana de cacao, 20 a 27 de maio de 1956 Bahia-Brazil*. Salvador, Bahia, Brazil: Instituto de Cacau da Bahia, Comit e T ecnico Interamericano de Cacau, 1956. 1956**
- Box/Folder 61:2 **Instituto Nacional de Investigaciones Agropecuarias (Ecuador). *Informe 1965*. Quito, Ecuador: INIAP, [1965]. 1965**
- Box/Folder 61:3 **Instituto Nacional de Investigaciones Agropecuarias (Ecuador). *Informe 1966*. Quito, Ecuador: INIAP, [1966]. 1966**
- Box/Folder 61:4 **Instituto Nacional de Investigaciones Agropecuarias (Ecuador). *Informe 1967*. Quito, Ecuador: INIAP, [1967]. 1967**
- Box/Folder 61:5 **Instituto Nacional de Investigaciones Agropecuarias (Ecuador). *Informe annual 1970*. N.p.: INIAP, [1970]. 1970**
- Box/Folder 61:6 **Instituto Superior de Agronom a. *II jornadas das ind strias agro-alimentares: inova o para uma agro-ind stria sustent vel*. January 1996. 1996**
- Box/Folder 62:1 **Inter-American Cacao Conference. *VIII inter-American cacao conference, Trinidad and Tobago, 15-25 June 1960, proceedings*. Trinidad: Government Press, 1960. 1960**
- Box/Folder 62:2 **International Cocoa Research Conference. *III international cocoa research conference, Accra, Ghana, 23-29 November 1969*. Tafo, Ghana: Cocoa Research Institute, 1971. 1971**
- Box/Folder 62:3 **International Cocoa Research Conference. *IV international cocoa research conference, St. Augustine, Trinidad, 8-18 January, 1972*. N.p.: Government of Trinidad and Tobago, 1972. 1972**
- Box/Folder 63:1 **International Cocoa Research Conference. *6 conferencia internacional de investigacion en cacao: actas*. Caracas, Venezuela, 1977. 1977**
- Box/Folder 63:2 **International Cocoa Research Conference. *7 conference internationale sur la recherch  cacaoyere, Douala, Cameroun, 4-12 Nov. 1979: actes*. London: J. de Lafforest and Transla-Inter Limited, 1981. 1981**
- Box/Folder 63:3 **International Cocoa Research Conference. *8 international cocoa research conference, Cartagena, Colombia, 18-23 Oct. 1981: proceedings*. Lagos, Nigeria: Cocoa Producers' Alliance, 1982. 1982**
- Box/Folder 64:1 **International Cocoa Research Conference. *10 international cocoa research conference: proceedings, Santo Domingo, Dominican Republic, 17-23 May 1987*. Lagos, Nigeria: Cocoa Producers' Alliance, 1988. 1988**
- Box/Folder 64:2 **International Cocoa Research Conference. *11 international cocoa research conference: proceedings, Yamoussoukro, Republique de C te d'Ivoire, 18-24 July 1993*. Edited by J. de Lafforest. Lagos, Nigeria: Cocoa Producers' Alliance, 1994. 1994**
- Box/Folder 65:1 **International Group for Genetic Improvement of Cocoa. *Proceedings of the international workshop on cocoa breeding strategies: Kuala Lumpur, Malaysia, 18th-19th October, 1994*. Reading: INGENIC, 1995. 1995**
- Box/Folder 65:2 **International Group for Genetic Improvement of Cocoa. *Proceedings of the international workshop on the contribution of disease resistance to cocoa variety improvement, 24th-26th November, 1996, Salvador, Bahia, Brazil*. Reading: INGENIC, 1999. 1999**
- Box/Folder 65:3 **International Group for Genetic Improvement of Cocoa. *Proceedings of the international workshop on new technologies in cocoa breeding: 16th-17th October 2000, Kota Kinabalu, Sabah, Malaysia*. London: INGENIC, 2001. 2001**
- Box/Folder 65:4 **Jensen, Russell C. "Witches' broom and cocoa in the Amazon: management by Japanese-Brazilian farmers." Report presented to First Inter-American Cocoa Forum, Jan. 27-30, 1987, San Jose, Costa Rica. 1987**
- Box/Folder 65:5 **Lass, R. A., and J. B. Allen. *London cocoa trade Amazon project: final report, phase 1*. Bourneville, Birmingham: Cadbury Schweppes, 1983. 1983**
- Box/Folder 65:6 **Lass, R. A., and S. Sanderson. *London cocoa trade Amazon project: final report, phase 2*. Birmingham: Cadbury, 1987 1987.**
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- Box/Folder 65:7 **Lockwood, G. "The Government of Ghana Cocoa Research Institute of Ghana report on cocoa breeding and seed production." Consulting report, 1986 1986.**
- Box/Folder 65:8 **Machado, Paulo, and Caio MÁrcio V. C. de Almeida. "Relatório de viagem a Amazônia Colombiana." Consulting report, 1984 1984.**
- Box/Folder 65:9 **Machado, Paulo Fernandes Rodrigues, Carlos Renato Leal Bicelli, and Mandel Coutinho de Souza. "Relatório da expedição botânica para coleta de cacua Silvestre nos Rios Tarauacá e Envira. No Estado do Acre." Consulting report, 1981. 1981**
- Box/Folder 65:10 **Ministerio de Agricultura, Division de Investigacion, Estacion Agricola Experimental de Palmira. *Memoria 1951*. Palmira, Colombia: Republic of Colombia, [1951]. 1951**
- Box/Folder 66:1 **Pennsylvania Manufacturing Confectioners' Association. *Publication of speeches and proceedings of the thirteenth annual production conference*. Drexel Hill, Penn.: Pennsylvania Manufacturing Confectioners' Association, Production Conference Committee, 1976. 1976**
- Box/Folder 66:2 **Red de Generación y Transferencia de Tecnología en Cacao, Programa Mejoramiento de Cultivos Tropicales Área de Fitomejoramiento. *Memoria del seminario manejo de germoplasma de Cacao: 19-20 de octubre 1989*. Turrialba, Costa Rica. San José, Costa Rica: IICA, 1990. 1990**
- Box/Folder 66:3 **Regional Research Centre of the British Caribbean, Imperial College of Tropical Agriculture (Trinidad and Tobago). *Report on cacao research, 1957-1958*. St. Augustine, Trinidad: Imperial College of Agriculture, 1959. 1959**
- Box/Folder 66:4 **Regional Research Centre of the British Caribbean, Imperial College of Tropical Agriculture (Trinidad and Tobago). *Report on cacao research, 1959-1960*. St. Augustine, Trinidad: Imperial College of Agriculture, 1961. 1961**
- Box/Folder 66:5 **Secretaria de Estado da Ciência e Tecnologia (Portugal). *1.as Jornadas sobre a Agricultura de São Tomé e Príncipe: Lisboa-Museu Nacional de Ethnologia, 9-11 de dezembro de 1993. Série de ciências agrÁrias, no. 19*. Lisbon: Ministério do Planeamento e da Administração do Território, Secretaria de Estado da Ciência e Tecnologia, 1995. 1995**
- Box/Folder 66:6 ***Séminaire international sur le Phytophthora Palmivora organize par L'Office de la Recherche Scientifique et Technique Outre-Mer, Brazzaville 14-17 mars 1973*. Cahiers O.R.S.T.O.M., sér Biologie. Paris: O.R.S.T.O.M., 1973. 1973**
- Box/Folder 66:7 **Sociedade Anónima de Responsabilidade Limitada. *Relatório da direcção e parecer do conselho fiscal lista dos srs. accionistas exercicio de 1925-1926 decimo setimo ano da companhia*. Lisbon, Portugal: Tip, Rosa, 1926. 1926**
- Box/Folder 66:8 **Sociedade Anónima de Responsabilidade Limitada. *Relatório da direcção e parecer do conselho fiscal lista dos srs. accionistas exercicio de 1927-1928 decimo setimo ano da companhia*. Lisbon, Portugal: Tip, Rosa, 1928. 1928**
- Box/Folder 66:9 **Sociedade Anónima de Responsabilidade Limitada. *Relatório da direcção e parecer do conselho fiscal lista dos srs. accionistas exercicio de 1929 vigesimo primeira ano da companhia*. Lisbon, Portugal: Tip, Rosa, 1930. 1930**
- Box/Folder 66:10 **Sociedade Anónima de Responsabilidade Limitada. *Relatório da direcção e parecer do conselho fiscal 1949 quadragésimon primeiro ano*. Lisbon, Portugal: Tipógrafia Rosa, 1950. 1950**
- Box/Folder 66:11 **Toe Bosch, E. *International black pod research project: summary report*. Paris: International Sugar Confectionery Manufactures' Association; International Office of Cocoa and Chocolate, 1981. 1981**
- Box/Folder 66:12 **University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. *International workshop on conservation, characterization and utilization of cocoa genetic resources in the 21st century, CRU, Trinidad, September 13th-17th, 1992*. St. Augustine, Trinidad: The Unit, 1993. 1993**
- Box/Folder 67:1 **University of the West Indies (Saint Augustine, Trinidad and Tobago) Regional Research Centre. *Annual report on cacao research 1963*. St. Augustine, Trinidad: The Centre, 1964. 1964**
- Box/Folder 67:2 **University of the West Indies (Saint Augustine, Trinidad and Tobago) Regional Research Centre. *Annual report on cacao research 1964*. St. Augustine, Trinidad: The Centre, 1965. 1965**
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Box/Folder 67:3	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Regional Research Centre. <i>Annual report on cacao research 1965</i>. St. Augustine, Trinidad: The Centre, 1966. 1966</b>
Box/Folder 67:4	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Regional Research Centre. <i>Annual report on cacao research 1966</i>. St. Augustine, Trinidad: The Centre, 1967. 1967</b>
Box/Folder 67:5	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Regional Research Centre. <i>Annual report on cacao research 1967</i>. St. Augustine, Trinidad: The Centre, 1968. 1968</b>
Box/Folder 67:6	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Regional Research Centre. <i>Annual report on cacao research 1968</i>. St. Augustine, Trinidad: The Centre, 1969. 1969</b>
Box/Folder 67:7-8	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Regional Research Centre. <i>Annual report on cacao research 1969</i>. St. Augustine, Trinidad: The Centre, 1970 1970</b>
Box/Folder 67:9	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report</i>. St. Augustine, Trinidad: The Unit, 1972. 1972</b>
Box/Folder 67:10	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report</i>. St. Augustine, Trinidad: The Unit, 1973. 1973</b>
Box/Folder 67:11	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report 1973</i>. St. Augustine, Trinidad: The Unit, 1974. 1974</b>
Box/Folder 67:12	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report 1974-1975</i>. St. Augustine, Trinidad: University of the West Indies, 1977. 1977</b>
Box/Folder 67:13	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report 1975-1980</i>. St. Augustine, Trinidad: University of the West Indies, [1980]. 1980</b>
Box/Folder 67:14	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Report for 1981-1983</i>. St. Augustine, Trinidad: The Unit, 1984. 1984</b>
Box/Folder 68:1	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Report for 1984-1986</i>. St. Augustine, Trinidad: The Unit, [1986]. 1986</b>
Box/Folder 68:2	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Report for 1990</i>. St. Augustine, Trinidad: The Unit, [1990]. 1990</b>
Box/Folder 68:3	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Report for 1992</i>. St. Augustine, Trinidad: The Unit, [1992]. 1992</b>
Box/Folder 68:4	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Report for 1993</i>. St. Augustine, Trinidad: The Unit, [1993]. 1993</b>
Box/Folder 68:5	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Report for 1995</i>. St. Augustine, Trinidad: The Unit, [1995]. 1995</b>
Box/Folder 68:6	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Report for 1996</i>. St. Augustine, Trinidad: The Unit, [1996]. 1996</b>
Box/Folder 68:7	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Report for 1997</i>. St. Augustine, Trinidad: The Unit, [1997]. 1997</b>
Box/Folder 68:8	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report</i>. St. Augustine, Trinidad: The Unit, 1999. 1999</b>
Box/Folder 68:9	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report</i>. St. Augustine, Trinidad: The Unit, 2000. 2000</b>
Box/Folder 68:10	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report</i>. St. Augustine, Trinidad: The Unit, 2001. 2001</b>
Box/Folder 68:11	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report</i>. St. Augustine, Trinidad: The Unit, 2002. 2002</b>
Box/Folder 68:12	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report</i>. St. Augustine, Trinidad: The Unit, 2003. 2003</b>
Box/Folder 68:13	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report</i>. St. Augustine, Trinidad: The Unit, 2004. 2004</b>

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Box/Folder 68:14	<b>University of the West Indies (Saint Augustine, Trinidad and Tobago) Cocoa Research Unit. <i>Annual report</i>. St. Augustine, Trinidad: The Unit, 2006. 2006</b>
Box/Folder 69:1	<b>Wastie, R. L., and D. A. Earp, eds. <i>Cocoa and coconuts in Malaysia: the proceedings of the conference held in Kuala Lumpur, 25-27 November 1972</i>. Kuala Lumpur: Incorporated Society of Planters, 1972. 1972</b>
Box/Folder 69:2	<b>West African Cocoa Research Institute. <i>Annual report, April 1952 to March, 1953</i>. London: West African Cocoa Research Institute, 1953. 1953</b>
Box/Folder 69:3	<b>West African Cocoa Research Institute. <i>Annual report, April 1953 to March, 1954</i>. London: West African Cocoa Research Institute, 1954. 1954</b>
Box/Folder 69:4	<b>West African Cocoa Research Institute. <i>Proceedings of the cacao breeding conference held at the West African Cocoa Research Institute, Tafo, Ghana, 1st to 3rd October 1956</i>. London: West African Cocoa Research Institute, 1957. 1957</b>

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Subseries 5.4 **Serials 1948-2000****Physical Description:** 0.7 linear feet**Scope and Content Note**

Whole issues of serials related to cacao and agricultural research, written in Dutch, English, French, and Portuguese. Alphabetical arrangement.

Box/Folder 69:5	<b><i>Agricultural Research</i> 47, no. 11 (Nov. 1999) 1999</b>
Box/Folder 69:6	<b><i>Agricultural Tropical</i> 7, no. 7 (June 15, 1951) 1951</b>
Box/Folder 69:7	<b><i>Agricultural Tropical</i> 20, no. 3 (Mar. 1964) 1964</b>
Box/Folder 69:8	<b><i>Agrotrópica</i> 1, no. 1 (Jan.-Apr. 1989) 1989</b>
Box/Folder 69:9	<b><i>Agrotrópica</i> 12, no. 1 (Jan.-Apr. 2000) 2000</b>
Box/Folder 69:10	<b><i>Annals of the Association of American Geographers</i> 59, no. 1 (Mar. 1969) 1969</b>
Box/Folder 69:11	<b><i>Growers' Bulletin</i>, no. 10 (spring 1968) 1968</b>
Box/Folder 69:12	<b><i>Cocoa Growers' Bulletin</i>, no. 48 (Dec. 1994) 1994</b>
Box/Folder 69:13	<b><i>Cocoa Growers' Bulletin</i>, no. 49 (Oct. 1995) 1995</b>
Box/Folder 70:1	<b><i>Cocoa Growers' Bulletin</i>, no. 50 (Dec. 1996) 1996</b>
Box/Folder 70:2	<b><i>Cocoa Growers' Bulletin</i>, no. 51 (June 1998) 1998</b>
Box/Folder 70:3	<b><i>Cacaotero Colombiano</i>, 12, no. 37 (Dec. 1989) 1989</b>
Box/Folder 70:4	<b><i>Cacaotero Colombiano</i>, 13, no. 38 (June 1990) 1990</b>
Box/Folder 70:5	<b><i>Esso Cultivator</i> 3, no. 3 (third quarter 1963) 1963</b>
Box/Folder 70:6	<b><i>Journal of Plantation Crops</i> 5, no. 2 (Dec. 1977) 1977</b>
Box/Folder 70:7	<b><i>Landbouw: Orgaan van de Surinaamsche Landbouw Vereniging</i> 1, no. 2 (Oct. 1948) 1948</b>
Box/Folder 70:8	<b><i>Landbouw: Orgaan van de Surinaamsche Landbouw Vereniging</i> 1, no. 3 (Nov. 1948) 1948</b>
Box/Folder 70:9	<b><i>Landbouw: Orgaan van de Surinaamsche Landbouw Vereniging</i> 1, no. 4 (Dec. 1948) 1948</b>
Box/Folder 70:10	<b><i>Manufacturing Confectioner</i>, Apr. 1976 1976</b>
Box/Folder 70:11	<b><i>Manufacturing Confectioner</i>, June 1976 1976</b>
Box/Folder 70:12	<b><i>New Scientist</i> 97, no. 1343 (Feb. 3, 1983) 1983</b>
Box/Folder 70:13	<b><i>Plantations, recherché développement</i> 5, no. 6, spécial cacao (Nov.-Dec. 1998) 1998</b>
Box/Folder 70:14	<b><i>Revista Theobroma</i> 7, no. 4 (Oct.-Dec. 1977) 1977</b>
Box/Folder 70:15	<b><i>Revista Theobroma</i> 9, no. 2 (Apr.-June 1979) 1979</b>
Box/Folder 70:16	<b><i>Surinaamsche Landbouw</i> 2, no. 3 (May-June 1954) 1954</b>
Box/Folder 70:17	<b><i>Surinaamsche Landbouw</i> 2, no. 6 (Nov.-Dec. 1954) 1954</b>
Box/Folder 70:18	<b><i>Surinaamsche Landbouw</i> 3, no. 5 (Sept.-Oct. 1955) 1955</b>
Box/Folder 70:19	<b><i>Surinaamsche Landbouw</i> 3, no. 6 (Nov.-Dec. 1955) 1955</b>
Box/Folder 70:20	<b><i>Surinaamse Landbouw</i> 15, no. 1 (1967) 1967</b>
Box/Folder 70:21	<b><i>Tropical Abstracts</i> 17, no. 10 (Oct. 1962) 1962</b>
Box/Folder 70:22	<b><i>Tropical Agriculture</i> 29, nos. 4-6 (Apr.-June, 1952) 1952</b>

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Subseries 5.5 **Theses and Dissertations 1964-2000****Physical Description:** 0.8 linear feet**Scope and Content Note**

Theses and dissertations related to cacao, written in English, French, Portuguese, and Spanish. Alphabetical arrangement.

- Box/Folder 71:1 **Almeida, Caio Márcio Vasconcellos Cordeiro de. "Correlações entre caracteres o estádio adulto e possibilidade de seleção precoce em híbridos de cacao ( *Theobroma cacao* L.)." Doctoral thesis, Universidade de Sao Paulo, 1991. 1991**
- Box/Folder 71:2 **Derron, Jacques. "Approche ecologique de l'entomofaune des cacaoyeres de Sao Tome (Golfe de Guinee)." Doctoral thesis, L'École Polytechnique Federale, Zurich, 1977. 1977**
- Box/Folder 71:3 **Engels, J. M. M. "The systematic description of cacao clones and its significance for taxonomy and plant breeding." Doctoral thesis, Agricultural University, Wageningen, 1986. 1986**
- Box/Folder 71:4 **Garcia Paiz, Hugo Alfredo. "Caracterizacion agronomica de las selecciones Guatemaltecas de cacao." Engineering thesis, Universidad de San Carlos de Guatemala, 1984. 1984**
- Box/Folder 71:5 **Henri, M. Jacquemin. "Recherches sur les anthocyanes foliaires de trios arbres tropicaux ( *Mangifera indica* L., *Theobroma cacao* L., *Lophira alata* Banks. Ex Gaertn. F.)." Doctoral thesis, La Faculté des Sciences de Paris, 1970. 1970**
- Box/Folder 71:6 **Lanaud, Claire. "Nouvelles donnees sur la biologie du cacaoyer ( *Theobroma cacao* L.): diversite des populations, systeme d'incompatibilite, haploides spontanés, leurs consequences pour l'amélioration genetique de cette espece." Doctoral thesis, Universite de Paris Sud, Centre d'Orsay, 1987. 1987**
- Box/Folder 71:7 **Laurent, Valerie. "Etude de la diversite genetique du cacaoyer ( *Theobroma cacao* L.) base sure le polymorphisme de la longueur des fragments de restriction (RFLP)." Doctoral thesis, Universite Paris-Sud, Centre d'Orsay, 1993. 1993**
- Box/Folder 72:1 **Marita, Jane M. "Characterization of *Theobroma cacao* using RAPD-marker based estimates of genetic distance and recommendations for a core collection to maximize genetic diversity." Master's thesis, University of Wisconsin, Madison, 1998. 1998**
- Box/Folder 72:2 **Silva, Carlos Rogério de Sousa. "Filogenia do gênero *Theobroma* utilizando marcadores moleculares e bioquímicos." Master's dissertation, Universidade de Sao Paulo, 2000. 2000**
- Box/Folder 72:3-4 **Soegeng-Reksodihardjo, Wertit. "The Species of the Genus *Theobroma*." Doctoral thesis, Harvard University, 1964 1964**
- Box/Folder 72:5 **Trinidad, Jose Diaz. "Evaluacion y caracterizacion de clones nativos de cacao ( *Theobroma cacao* L.)." Master's thesis, Universidad Autonoma de Santo Domingo, 1997. 1997**

Subseries 5.6 **Legal-size Resource Material 1901-1989****Physical Description:** 0.4 linear feet**Scope and Content Note**

Legal-size published resource material, written in English, German, Portuguese. Alphabetical arrangement.

- Box/Folder 73:1 ***Boletim da vassoura-de-bruxa*, 1989. 1989**
- Box/Folder 73:2 **Carvalho Rodrigues, Francisco M., de. *Prontuário da cultura do cacao*. S. Tomé: Repartição Provincial dos Serviços Geográficos e Cadastrais, 1972. 1972**
- Box/Folder 73:3 ***Folha do cacao*, 1989. 1989**
- Box/Folder 73:4 ***Informação e difusão*, May 1989. 1989**
- Box/Folder 73:5 ***Informação e difusão*, Nov. 1989. 1989**
- Box/Folder 73:6 ***Informativo*, 1979. 1979**
- Box/Folder 73:7 ***Programa nacional de pesquisa florestal*. Undated. undated**

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Box/Folder 73:8	<b>Preuss, Paul. <i>Expedition nach Central- und Sudamerika 1899/1900</i>. Berlin: Kolonial-Wirtschaftlichen Komitees, 1901. 1901</b>
Box/Folder 73:9	<b>South Pacific Commission. <i>Technical meeting on cocoa production, Honiara, British Solomon Islands Protectorate 30 March-7 April 1966. Report</i>. Moumea, New Caledonia: South Pacific Commission, 1966. 1966</b>
Box/Folder 73:10	<b>South Pacific Commission. <i>Technical meeting on cocoa production, Honiara, British Solomon Islands Protectorate 30 March-7 April 1966. Working papers</i>. Moumea, New Caledonia: South Pacific Commission, 1966. 1966</b>
Box/Folder 73:11	<b>Unidentified undated</b>
	<b>Series 6 Audio Tapes 1984-1999</b>
	<b>Physical Description:</b> 0.4 linear feet
	<b>Scope and Content Note</b>
	Microcassette recordings of BBC programs, music, conferences, Bartley's Ghana consultancy, and field notes in English, French, Portuguese, Spanish. Alphabetical arrangement.
Box 74	<b>BBC, comedy, 1984; unknown conference, undated 1984 undated</b>
Box 74	<b>BBC, comedy and music 1985</b>
Box 74	<b>BBC, comedy and music undated</b>
	<b>Physical Description:</b> 2 microcassettes
Box 74	<b>BBC, comedy and news 1990</b>
Box 74	<b>BBC, comedy, music, news 1984</b>
Box 74	<b>BBC, comedy, music, news 1985</b>
Box 74	<b>BBC, comedy, music, news [1999]</b>
Box 74	<b>BBC, comedy, music, and reading 1984</b>
Box 74	<b>BBC, music undated</b>
Box 74	<b>BBC, music and news 1986</b>
Box 74	<b>BBC, music and news 1990</b>
Box 74	<b>BBC, music, news, and Plato's Republic 1992</b>
Box 74	<b>Conference, IPBG Working Group [1980]</b>
Box 74	<b>Conference, unknown 1994</b>
Box 74	<b>Conference, unknown 1994</b>
	<b>Physical Description:</b> 2 microcassettes
Box 74	<b>Conference, unknown undated</b>
Box 74	<b>Consultancy, Ghana 1991</b>
Box 74	<b>Field notes, Bahia, Brazil, and United Kingdom 1995-1996</b>
Box 74	<b>Field notes, Dominican Republic 1998</b>
	<b>Physical Description:</b> 2 microcassettes
Box 74	<b>Field notes, Dominican Republic; germplasm collection 1998</b>
Box 74	<b>Field notes, Estação de Altamira (ESTAL) 1990</b>
Box 74	<b>Field notes, Reading University Quarantine 1997</b>
Box 74	<b>Field notes, Reading University Quarantine 1998</b>
Box 74	<b>Field notes, Reading University Quarantine undated</b>
	<b>Physical Description:</b> 3 microcassettes
Box 74	<b>Field notes, unknown site undated</b>
	<b>Physical Description:</b> 2 microcassettes

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Series 7 **Photographs, Slides, and Digital Printouts 1961-2003**

**Physical Description:** 0.8 linear feet

**Scope and Content Note**

Color and black-and-white prints, slides, and digital printouts of people and cacao fruit and plants primarily from Brazil, Ecuador, Ghana, Grenada, Malaysia, Peru, Trinidad, Venezuela. Alphabetical arrangement.

Box/Folder 75:1	<b>Bartley, Basil G. D. undated</b> <b>Physical Description:</b> 3 black-and-white prints
Box/Folder 75:2	<b>Brazil 1965</b> <b>Physical Description:</b> 1 color digital printout
Box/Folder 75:3	<b>Brazil, Bahia undated</b> <b>Physical Description:</b> 2 color prints
Box/Folder 75:4	<b>Ecuador 1992</b> <b>Physical Description:</b> 2 color prints
Box/Folder 75:5	<b>Estação de Recursos Geneticos José Haroldo (ERJOH) 1987-1988</b> <b>Physical Description:</b> 4 color prints
Box/Folder 75:6	<b>Estação de Recursos Geneticos José Haroldo (ERJOH) 1988</b> <b>Physical Description:</b> 3 color prints
Box/Folder 75:7	<b>Estação de Recursos Geneticos José Haroldo (ERJOH) 1988-1989</b> <b>Physical Description:</b> 3 color prints
Box/Folder 75:8-10	<b>Estação de Recursos Geneticos José Haroldo (ERJOH) 1995</b> <b>Physical Description:</b> 9 color prints
Box/Folder 75:11-12	<b>Estação de Recursos Geneticos José Haroldo (ERJOH) undated</b> <b>Physical Description:</b> 22 color prints
Box/Folder 75:13	<b>International Cocoa Genebank, Trinidad 2001</b> <b>Physical Description:</b> 8 color and black-and-white digital printouts
Box/Folder 75:14	<b>International Cocoa Genebank, Trinidad 2001-2004</b> <b>Physical Description:</b> 9 color digital printouts
Box/Folder 75:15-16	<b>International Cocoa Genebank, Trinidad 2004</b> <b>Physical Description:</b> 6 color and black-and-white digital printouts
Box/Folder 75:16	<b>International Cocoa Genebank, Trinidad (2 of 2) 2004</b> <b>Physical Description:</b> 6 color digital printouts
Box/Folder 75:17	<b>Kew Gardens 1997</b> <b>Physical Description:</b> 2 color prints
Box/Folder 75:18	<b>Marper Farm undated</b> <b>Physical Description:</b> 10 color digital printouts
Box/Folder 75:19	<b>Missouri Botanical Gardens; French Guiana 2001-2003</b> <b>Physical Description:</b> 6 color digital printouts

- Box/Folder 75:20      **Papua New Guinea 2002**  
                                 **Physical Description:** 4 color digital printouts
- Box/Folder 75:21      ***Theobroma gileri* undated**  
                                 **Physical Description:** 4 color prints
- Box/Folder 75:22      ***Theobroma grandiflorum* 1992**  
                                 **Physical Description:** 5 color prints
- Box/Folder 75:23      ***Theobroma mammosum* undated**  
                                 **Physical Description:** 1 color digital printout
- Box/Folder 75:24      ***Theobroma odoratum* 1991**  
                                 **Physical Description:** 8 color prints
- Box/Folder 75:25      ***Theobroma sp.* undated**  
                                 **Physical Description:** 16 color prints
- Box/Folder 75:26      **Trinidad 2003**  
                                 **Physical Description:** 23 color and black-and-white digital printouts
- Box/Folder  
75:27-29              **Unidentified photographs undated**  
                                 **Physical Description:** 24 color prints
- Box/Folder  
75:30-31              **Various locations 1956-2004**  
                                 **Physical Description:** 261 color photographs
- Box/Folder 76:1        **Various locations 1961-1994**  
                                 **Physical Description:** 113 color 35 mm. slides
- Box/Folder 76:2-5     **Various locations 1961-2000**  
                                 **Physical Description:** 689 color and black-and-white prints
- Box/Folder 76:6        **Various locations 1991-1999**  
                                 **Physical Description:** 3 color and black-and-white prints
- Box/Folder 76:7        **Various locations 2003**  
                                 **Physical Description:** 217 digital printouts

Series 8 **Addendum: Reprints 1952-1990**

**Physical Description:** 2.4 linear feet

**Scope and Content Note**

Reprints of articles and duplicates of Bartley materials. Materials are in poor condition due to water damage. Arranged alphabetically by subject.

- Box/Folder 80:6        **Duplicate Bartley Material 1963-2003**  
                                 **Scope and Content Note**  
                                 Items in this folder are duplicated elsewhere in the collection

- Box/Folder  
77:1-82:7              **Reprints 1952-1990**