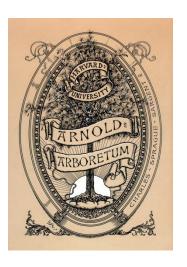
Archives II A-15

John S. Burley (1950-) papers, 1986-1998: Guide.



The Arnold Arboretum of Harvard University

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John S. Burley (1950-) papers, 1986-1998: Guide.

Archives of the Arnold Arboretum of Harvard University 125 Arborway, Jamaica Plain, Massachusetts

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Descriptive Summary

Repository: Arnold Arboretum, Jamaica Plain, MA 02130

Call No.: II A-15 Location: Archives

Title: John S. Burley (1950-) papers, 1986-1998.

Date(s): 1986-1988

Creator: Burley, John S., 1950-**Quantity:** 3.5 linear ft. (3 boxes)

Language of material: English, Indonesian

Abstract: This collection focuses on the work John S. Burley completed as Research

Director of the Southeast Asia Program at the Arnold Arboretum. It contains correspondence, administrative documents, and reports dating between 1986 and 1998.

Note: Access to Finding Aid record in <u>HOLLIS</u>.

Preferred Citation: John S. Burley papers. Archives of the Arnold Arboretum of

Harvard University.

Additional material: Additional John Burley correspondence may be found by

searching the Arnold Arboretum Correspondence Index.

Processing Information

Kayleigh Hinckley, January 2011. Revised by Sheila Connor and Liz Francis, October 2011. January 2023, July 2024, Larissa Glasser.

Acquisition Information

The papers of John S. Burley were acquired by the Arnold Arboretum Archives from the office of Robert Cook, Director of the Arnold Arboretum 1989-2009, in 2006. They had formerly been housed at the Harvard University Herbaria, 22 Divinity Avenue, Cambridge Massachusetts.

Terms of Access

Researchers seeking to examine archival materials are strongly encouraged to make an appointment. The Director, or an office of origin, may place restrictions on the use of some or all of its records. The extent and length of the restriction will be determined by the Director, office of origin, and the Archivist.

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Biographical Note

Born in 1950, John S. Burley grew up in Brighton, England and attended the University of Aberdeen in Scotland where he earned a Bachelor of Science in 1982 and a Ph.D. in systematic botany in 1986. Burley was the recipient of several prizes in Botany, including the Dickie Prize, the Collie Prize, and the Turner Scholarship in Biology.

In 1987, Burley was awarded a Mercer Fellowship at the Arnold Arboretum. As a Mercer Fellow, Burley was simultaneously a research associate in the Program for Collaborative Research in Pharmaceutical Science (a partnership with the University of Chicago) and a taxonomist for the National Cancer Institute's program to screen Southeast Asian rainforest plants for anti-cancer and anti-AIDS properties. Burley coordinated many of the National Cancer Institute (NCI) collection expeditions to the Philippines and Indonesia. In 1987, as part of a NCI mission, Burley collected a sample of *Calophyllum lanigerum* var. *austrocoriaceum*, in a swamp forest in Sarawak, Borneo. In a test designed to identify properties that inhibit the AIDS virus, National Cancer Institute researchers, discovered that under laboratory conditions an extract of this plant, "essentially halted HIV-1 replication." Though difficult to harvest, AIDS researchers continue to work with the extract, looking for a cure.



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This experience in Southeast Asia became the groundwork for Burley's principal undertaking at the Arnold Arboretum. Beginning in 1991, Burley became Research Director of the



Museum Zoologicum Bogoriense
Photograph by Marieke Schouten

Southeast Asia Program at the Arnold Arboretum and spearheaded the Arboretum's partnership with the Indonesian government and the Global Environment Facility (GEF) of the World Bank to rehabilitate the facilities of the Herbarium Bogoriense in Bogor, Indonesia. The technical assistance provided by the Arnold Arboretum and the Royal Ontario Museum assembled and coordinated activities pertaining to the biodiversity collections and development of the herbarium and focused on four main aspects:

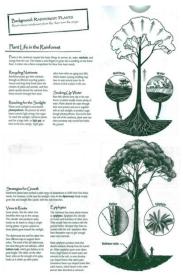
1. The management system of the herbarium

collections

- 2. The physical condition of the collections
- 3. Information systems of the herbarium collections
- 4. Human resources development

At the end of the project these activities were transferred to the existing management of the herbarium, under the Botany Division. To maintain the sustainability of the improvements to the collections, the new curatorial system was continued, and all staff and technicians of the Taxonomy group were involved.

In 1994, and as an unanticipated result of the Arboretum's search for plants containing anti-cancer and anti-AIDS compounds in the Indonesian tropical forests of the Southeast Asia, the Arboretum began collaboration with Tom Snyder Productions, a Scholastic company, and a developer and publisher of educational software for K-12 classrooms. Supported by a grant from the National Science Foundation, John Burley, his research associate Andrew MacDonald, and Bob Cook, Director of the Arboretum worked with the Snyder production team to develop narrative and ensure scientific accuracy for Rain Forest Researchers, an interactive CD-ROM-based curriculum based on actual scientific research on the discovery and management of biological resources for middle-grade students published in 1996. Please see Arboretum publications, ARCHIVES V A-4.



© Tom Snyder Productions

Also in 1994, the Arnold Arboretum was awarded a grant from the Government of Indonesia for a five-year contract to provide technical assistance as part of a project to increase the capability of Indonesian scientists and government agencies to conserve the country's biodiversity and manage its natural resources. Burley was the Principal Investigator for the

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Indonesian Biodiversity Collections Project and he assembled an international team of experts drawn from Harvard University, London's Natural History Museum, the National Museum of Natural History, the Rijksherbarium of the Netherlands, and the Commonwealth Scientific and Industrial Research Organization (CSIRO) of Australia. The Arboretum was the lead institution in this collaborative effort, which was funded by the World Bank through the Global Environment Facility.

The Project's goal was to create an international model for biodiversity conservation through technical assistance to a developing country. This assistance was to provide support for the restoration and development of zoological and botanical collections, the creation of biodiversity databases, and the training of Indonesian scientists in botany, zoology, and in information and resource conservation. Unfortunately, due to escalating civil unrest in Indonesia and in concern for the safety of their researchers, the project was halted in September 1998, two years before the end of the contract with the Indonesian government and the World Bank. It was at this time that Burley ended his association with the Arnold Arboretum.

Scope and Content

This collection contains correspondence, administrative information, and reports related to projects undertaken by John S. Burley during his tenure as director of the Arnold Arboretum's Southeast Asia Programs. Dated between 1986 and 1998, the majority of the collection deals with the Global Environment Facility (GEF) Indonesian Biodiversity project based in Bogor, Indonesia. Also documented are plant collection missions throughout Southeast Asia for the National Cancer Institute (NCI) and the National Science Foundation (NSF).

Arrangement

The Papers of John S. Burley are arranged in 5 series:

Series I: Global Environment Facility (GEF) Correspondence

Series II: Global Environment Facility (GEF) Biodiversity Project Administrative

Documents

Series III: Global Environment Facility (GEF) Bound Reports
Series IV: National Science Foundation Research (NSF)
Series V: National Cancer Institute Research (NCIR)

Note

Plant illustrations used in this guide were selected from the 61 unlabeled illustrations in **Key Illustrations** Box **3**, Series **IV** Folder **13**.

Container List

Series I: GEF Correspondence, 1991-1998 *Arrangement*: GEF Correspondence is arranged chronologically.

Box 1 Folder

1. 1991

II A-15 Page 6 of 22

- Cole, Antony
- Sastrapradja, Didin

2. 1992

- Budiman, Arie
- Siebert, Steven
- Rudgard, S.A.
- Murphy, Chery
- Holowinsky, Tymish
- Richardson, Barry
- Ingram, David
- Funk, Victoria
- Allison, Allen
- Darling, Christopher
- Siebert, Darrell
- Hawksworth, D.L.
- Krikken, Jan

3. 1993 January - August

- Gauld, Ian
- Mott, Jessica
- Darbyshire, John F.
- Peake, John
- Krikken, Jan
- Holowinsky, Tymish

4. 1993 September - December

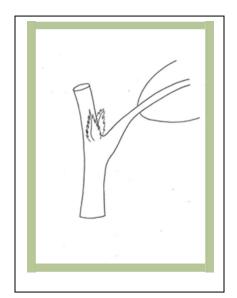
- Mott, Jessica
- Kostermans, A.J.
- Budiman, Arie
- Estes, Jim
- Wirjoatmodjo, Soetikno
- Cole, Antony

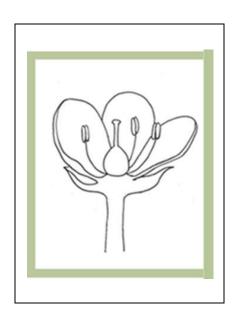
5. 1994 January - February

- Sheldon, Frederick H.
- Wirjoatmodjo, Soetikno
- Funk, Victoria
- Mott, Jessica
- West, Judy
- Blackmore, Stephen
- Dransfield, John
- Kalkman, C.

6. 1994 March - April

- Mott, Jessica
- Budiman, Arie
- Richardson, Barry
- Baas, Pieter
- Krikken, Jan
- Blackmore, Stephen
- Hawksworth, D.L.
- Beach, Jim





- Estes, Jim
- Wirjoatmodjo, Soetikno
- West, Judy
- Seidensticker, Ellen
- Huidekoper, Elizabeth

7. 1994 May - August

- West, Judy
- Baas, Pieter
- Green, Roy
- Redhead, Trevor
- Blackmore, Stephen
- Chalmers, Neil
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- Huidekoper, Elizabeth
- Holowinsky, Tymish
- Murphy, Cheryl
- Abel, David
- Krikken, Jan
- Dallwitz, Michael
- Van de Poll, Ben
- Budiman, Arie
- Cook, Bob

8. 1994 September

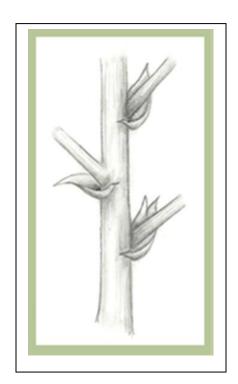
- West, Judy
- Wirjoatmodjo, Soetikno
- Tucker, Patricia
- Holowinsky, Tymish
- Budiman, Arie

9. 1994 October

- Artigas, Jorge N.
- Budiman, Arie
- Holowinsky, Tymish
- Krikken, Jan
- Redhead, Trevor
- Slater, Wayne
- Tucker, Patricia
- West, Judy

10.1994 November

- Blackmore, Stephen
- Townsend, John
- West, Judy
- Budiman, Arie
- Gapasin, Dely
- Miller, Scott
- Tucker, Patricia
- Abdulkadir, Subadri
- Luciano, Ann-Marie
- Kitchener, Darrell
- Cook, Bob





- Slater, Wayne
- Chapman, Arthur
- Corrigan, Mary

11. 1994 December

- Luciano, Ann-Marie
- Tucker, Patricia
- Holowinsky, Tymish
- Himawan, Jeff
- · Cook, Bob
- Kusnoputranto, Haryoto
- Murphy, Cheryl
- Soedargo, Soehartnono
- Chapman, Arthur
- Dietrich, Suzie
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- West, Judy
- Townsend, John
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12. 1995 January

- Budiman, Arie
- Miller, Scott
- Peake, John
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- Rogers, Jeffery
- Walsh, Pat
- · Krikken, Jan
- Slater, Wayne
- van Tol, Jan
- Jones, Steve
- Gauld, Ian
- Townsend, John

13. 1995 February

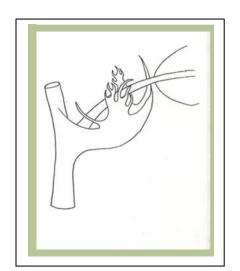
- Tucker, Patricia
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- Kusnoputranto, Haryoto
- Jones, Steve
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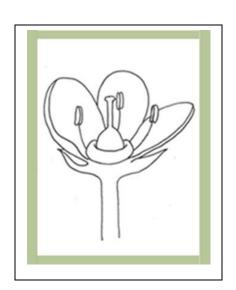
14. 1995 March

- Jones, Steve
- Budiman, Arie
- Peake, John

15. 1995 April

- Budiman, Arie
- Murphy, Cheryl
- Hohnen, Pennie





- Wirjoatmodjo, Soetikno
- Peake, John
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16. 1995 May

- Djarwanigsih, Tuti
- West, Judy
- Budiman, Arie
- Maguire, Frances
- Murphy, Cheryl
- Kusnoputranto, Haryoto
- Tucker, Patricia
- Cook, Bob
- Holowinsky, Tymish

17. 1995 June

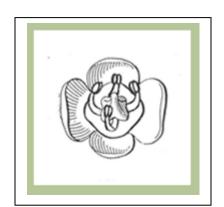
- Luciano, Ann-Marie
- Jones, Steve
- Peake, John
- Murphy, Cheryl
- Budiman, Arie
- Krikken, Jan
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- Widjaja, Elizabeth
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- Holmgren, Patricia
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- Chalmers, Neil
- Nielson, Ebbe
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- West, Judy

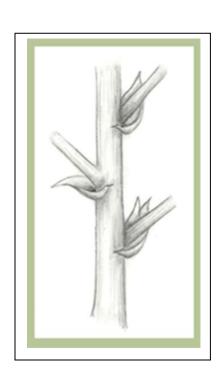
18. 1995 July - August

- Budiman, Arie
- Krikken, Jan
- Jones, Steve
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- Widjaja, Elizabeth
- Corrigan, Mary
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19. 1995 September

- Darnaedi, Dedy
- West, Judy
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- Mahyar, Uway
- Budiman, Arie
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- Tucker, Patricia
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- Tucker, Patricia

20. 1995 October

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- Tucker, Patricia
- Budiman, Arie
- Jones, Steve

21. 1995 November

- Budiman, Arie
- West, Judy
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22. 1995 December

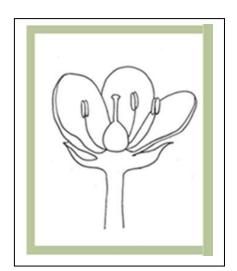
- Peake, John
- West, Judy
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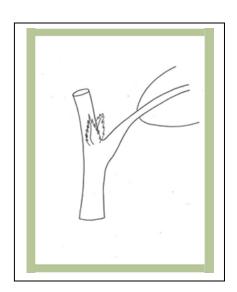
23. 1996 January

- Jones, Steve
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- Jones, Steve
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- Budiman, Arie
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- Baldwin, Diane
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25. 1996 March

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27. 1996 May

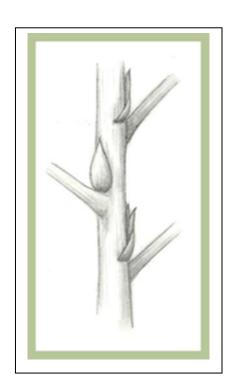
- Budiman, Arie
- Kramadibrata, Kartini
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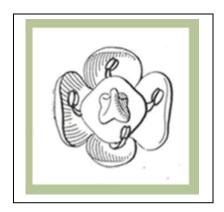
28. 1996 June

- Croft, Jim
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- Peake, John
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- Budiman, Arie
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33. 1996 November

- Abdulhadi, Rochadi
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- Budiman, Arie
- Casey, Kevin
- Gapasin, Dely

34. 1996 December

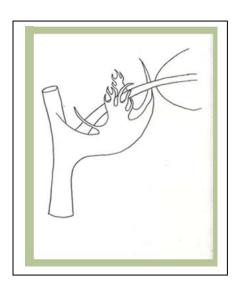
- Ashton, Peter
- Odle, Mary
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- West, Judy

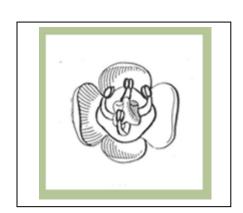
35. 1997 January

- West, Judy
- Budiman, Arie
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36. 1997 February

• Peake, John





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- Jensen, Cynthia
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- Croft, Jim

37. 1997 March

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38. 1997 April

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- Kramadibrata, Kartini
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- Wirjoatmodjo, Soetikno
- Budiman, Arie

40. 1997 August

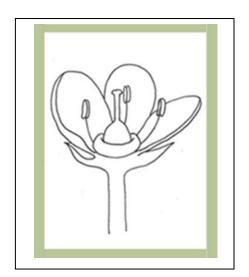
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- Fisher, Ben
- Baldwin, Diane
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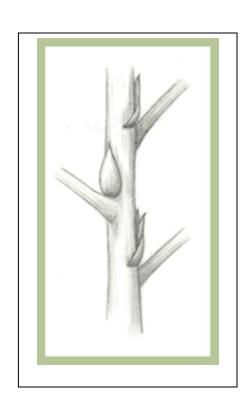
41. 1997 September

- Baas, Pieter
- Chalmers, Neil
- Cook, Bob
- Krikken, Jan
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- Pratignyo, Sigit
- Tucker, Patricia
- Peake, John
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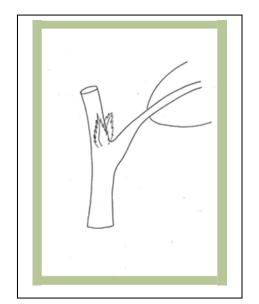
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- West, Judy
- Radcliffe, John
- Krikken, Jan



Series: II. GEF Biodiversity Project Administrative Documents Box 2

1. GEF Publications, 1992-1996, undated

- Guidelines for Monitoring and Evaluation of GEF Biodiversity Projects, World Bank; December 1992
- Risk and Uncertainty: Selection Criteria for Projects Offering Net Positive Domestic Benefits, Subodh C. Mathur; June 1994
- Operational Strategy, GEF; February 1996
- The GEF Project Cycle, GEF; March 1996
- Global Environment Facility, GEF; undated

- 2. GEF Budget, December 12, 1993
- **3. GEF Cost Tables,** December 22, 1993
 - Detailed Project Cost Tables in US\$ Summary and Detailed Cost Tables in Rupiah Cost Table Outline
- **4.** Research and Development Center for Biology, LIPI, Planning **Documents**, February 1, 1994
- 5. GEF Cost Tables, March 9, 1994
- 6. GEF Cost Tables, April 12, 1994
- 7. Indonesia Biodiversity Collections Project Document, June 1994
- **8. GEF Planning Document,** June 22, 1994
 - Memorandum and Recommendation of the Director East Asia and Pacific Country Department III of the International Bank for Reconstruction and Development to the Regional Vice President on a Proposed Grant from the Global Environment Trust Fund on the Amount Equivalent to SDR to the Republic of Indonesia for a Biodiversity Collections Project, June 22, 1994
- 9. GEF Final Technical Assistance Contract, July 1994
- 10. GEF Grant Agreement Between Government of Indonesia and World Bank, July 25, 1994
- 11. GEF Technical Assistance Contract Amendments Dec 1994-Mar 1997
 - John Burley to Dr. Arie Budiman, December 15, 1994
 - John Burley to Dr. Arie Budiman, January 17, 1995
 - John Burley to Dr. Arie Budiman, April 29, 1996
 - John Burley to Dr. Arie Budiman, April 30, 1996
 - John Burley to Dr. Arie Budiman, August 1, 1996
 - Diane M. Baldwin to Dr. Arie Budiman, September 27, 1996
 - John Burley to Dr. Arie Budiman, March 30, 1997
- **12. Job Descriptions** 1995, undated
 - Zoology Coordinator Job Description, 1995
 - Collection Manager Generalised Job Description, undated
- 13. GEF First Supervision Mission Aide Memoire, March 17, 1995, undated
 - GEF First Supervision Mission Aide Memoire, March 17, 1995
 - Evaluation of Technical Assistance, undated
- 14. GEF Monitoring and Evaluation Report March 23, 1995
- **15. GEF Budget** April 19, 1995
- **16.** Collection Manager Training May July 1995, undated
 - Collection Manager Training Schedules, May 8, 1995
 - Checklist of Tasks for Collection Managers and Zoological Coordinator, July 4, 1995

- Collection Managers Overseas Visits: Work Programmes, undated
- Overseas Training for Zoology Coordinator and Collection Managers from Museum Zoologicum Bogoriense, undated
- Overseas Training for Botany Coordinator and Collection Managers from Museum Zoologicum Bogoriense, undated

17. John Peake Reports June 1995, undated

- A Selection of Documents prepared during the period November 1994 June 1995, June 1995
- Museum Plans, undated
- Museum Plans: comments, undated
- **18.** GEF Second Supervision Mission Aide Memoire November 2, 1995
- **19. Regional Biodiversity Information Network; Concept Briefing,** Dec.18, 1995
- 20. GEF Equipment Budget 1996
- 21. World Bank India Contract, February-June 1996
 - World Bank-Harvard University agreement, February 1, 1996
 - Cynthia Jensen to Diane Baldwin, March 21, 1996
 - Cynthia Jensen to Diane Baldwin, May 20, 1996
 - Diane Baldwin to Margaret Russo, June 5, 1996

22. GEF Budget March 1996-June 1997, undated

Contract Summary, March 7, 1996

- Contract Summary, April 11, 1996
- Biodiversity Collections Project: Technical Assistance Contract Budget Notes, April 17, 1996
- Expenses to Date Summary (Draft), September 25, 1996
- Expenses to Date Summary (Contract Budget), September 25, 1996
- HU Budget (total), December, 16, 1996
- HU Budget yr 4, February 6, 1997
- Technical Advisor Budget, June 6, 1997
- GEF-Biodiversity Collections Project Technical Assistance Contract Budget, undated
- Estimated Total Time-Effort Required to Fulfill Contract, undated
- 23. GEF Third Supervision Mission Aide Memoire, April 4, 1996
- 24. GEF-Queensland Department of Government, May 25, 1996
- 25. Cost Sharing Policies and Procedures Statement, June 20, 1996
- **26. John Peake Agreement** September 30, 1996, undated
 - Consulting Services Agreement: Harvard University-John Peake, September 30, 1996
 - Terms of Reference: Technical Advisory Group: Zoology Advisor, undated
- 27. Massachusetts Indonesia Legislation November 1996-February 1997
 - Cynthia Jensen to Kevin Casey regarding the purpose of the GEF project,
 November 15, 1996

Ann-Marie Bohjalian to Bob Cook, February 28, 1997

28. GEF Fourth Supervision Mission Aide Memoire, November 1996

- Info-Systems Division Work Plan (1996-1998), November 14, 1996
- Procurement of Goods Under IBRD Loans, November 15, 1996
- Scientific Collaboration and Services Work Plan (1996-2000), November 15, 1996
- Procurement of Goods and Works, November 15, 1996
- Aide Memoire Final Draft, November 22, 1996

29. Murray Upton Report December 1996

- Report and Contract to Run Two 5 Day Workshops at the Museum Zoologicum Bogor Providing 'Hands On' Experience in the Basic Curatorial Techniques Required to Transfer the Existing Entomological Collection to New Cabinets and Prepare for Moving the Collection to Cibinong
- Attachment 1
- Attachment 2
- Attachment 3-16
- Attachment 17
- A Guide to the Management and Curation of Entomological Collections, M.S. Upton

30. Curation for Biodiversity Studies and Research, Lyn A. Craven March-April 1997

31. Curation Policies, April 1997, undated

- Curation Policies for Herbarium Bogoriense, April 1997
- Curation Manual, undated
- **32. Wayne Slater Agreement,** May 8, 1997

33. GEF Aide Memoire, June-July 1997

- Aide Memoire Final Draft, June 27, 1997
- Midterm Review Report, Geoffrey B. Fox, July 11, 1997

34. World Bank Articles, July 17, 1998

- John Burley to Bob Cook Email: copy of Washington Post article on corruption in Indonesia and World Bank
- John Burley to Bob Cook Email: copy of Reuters article on corruption in Indonesia and World Bank

35. GEF Technical Assistance Additions to Scope of Work, undated

36. GEF Technical Assistance Contract Budget, undated

Series: III. GEF Bound Reports

37. Indonesia GEF-Biodiversity Collections Project Preparation Report, December 22, 1993

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39. Government of Indonesia GEF-Biodiversity Collections Project Technical Assistance Proposal, May 20, 1994

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• Environmental Health and Safety Study at the Research and Development Center for Biology, Mary Corrigan, Gary Alpert, Haryanto Kusnoputranto

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43. Technical Assistance Group Inception Report and Annual Workplan **1995/1996**, June 30, 1995

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- **47.** Request for Proposal and Bid for the Database Interface Development **Project,** June 23, 1997
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- 1. NSF Licenses and Copyright Documentation, March 1986 May 1996, undated
 - Harvard University Participation Agreement Memorandum of Understanding Between the Indonesian Institute of Sciences of the Republic of Indonesia and the National Science Foundation of the United States of America for Cooperation in Science and Technology
 - Harvard University Guidelines for Establishing Ownership of Software and Courseware Developed at Harvard
 - Memorandum of Understanding Between the Arnold Arboretum of Harvard University and the Forestry Research Institute of Malaysia, Government of Malaysia
 - Letter Agreement for Software Consultants/Contractors
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2. Paupa New Guinea Takeuchi, 1989 - 1991

- **3. Specialists,** October 16, 1991, undated
 - Church, Alison C. October 16, 1991
 - Specialists for Malesia, undated

4. Gift for Determination Statements, November 1991 - April 1992

- Russell, George F.
- van der Maesen, L. J. G.
- Bradburn, Anne S.
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5. Alison C. Church, October 1993 - 1995

- Kal bar Oct. Nov. 1993 Plant List
- A.C. Church collections from W. Kalimantan, 1994 Nos. 1 696
- C. Kalimantan, April May 1994
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6. National Science Foundation (NSF) Program Budgets, 1996 - 1998

- Fiscal Year 1996 Budget
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7. NSF Match, 1996 – 1997

8. Timothy Laman, April 1996 - September 1996, undated

- Cook, Bob
- Laman, Timothy
- Jensen, Cynthia
- Timothy Laman Curriculum Vitae

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- Holland, Diane
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10. Southeast Asia Budget, February 4, 1997

- 11. Jim Jarvie Bukit Raya, undated
- 12. Database Illustrations, undated

13. Key Illustrations, August 1997, undated

Images to be found for key

61 unlabeled illustrations of plants for the Kalimantan database

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- Plants collections by J.S. Burley et al, Sarawak, Sept.-Oct. 1987 Sarawak, June 3, 1991
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 - Plants Collected by Soejarto et al., March April 1987
 - Plant Inventory of Threatened Rain Forests in Indonesia (Year One)
- 16. Southeast Asia Plant Collections, 1987
- 17. Plants Collected for the Period of Jan. 1, 1987 Jan. 31, 1988
- 18. Checklist of the Flowering Plants of the Philippines, March 11, 1987
- 19. Checklist of the Trees of Sarawak, July 7, 1987
- **20.** Kalimantan I, March 1988 June 1991
 - Burley: Kalimantan March May 1988
- 21. Summary of Specimens Collected by Arnold Arboretum, August 1988
- 22. NCI Plant Collections, October 10, 1988
- 23. Burley Sumatra, October December 1988, April 2, 1989
- **24.** Taxa of Very Little Interest for Collection, March 1989

25. WWF Lists Kalimantan II, July 1989, undated

- Report of Field Work in Balai Karangan, May 31, 1989 July 9, 1989
- The Medicinal Plants of Harowu Village Glossary
- **26. NCI Lists Kalimantan II,** November 5, 1989
- **27. WWF Lists Sumatra,** December 1989 March 1993
- **28. NGS Lists Kalimantan II,** March 9, 1991
- **29. Determinations,** November 12, 1991
- **30. J.A, McDonald Java** 1992
- **31. J.A. McDonald NCI Java,** 1992
- 32. Determinations for Bali Collections, undated
- 33. Determinations for Irian Jaya Collections, undated
- **34. Determinations for Sumba Collections,** undated
- **35.** Identifications for Collections from Kabaena Island, Southeast **Sulawesi**, undated
- 36. NGS Lists Kalimantan I, undated
 - Lists of NGS Collection
- 37. Palawan Updates, undated
- **38.** Priority Lists, Sumatra, undated
 - Priority Status of Tree Species Recorded from Sumatera, Indonesia
- 39. *Tapeinosperma alata* (Myrsinaceae): a Remarkable New Species from Ceram, by Diane E. Holland & P.F. Stevens, Harvard University Herbaria.
 - Undated manuscript, published in *Blumea, Journal of Plant Taxonomy and Geography* 43 (2) 1998.
- 40. Southeast Asian Plant Collections, University of Illinois at Chicago, undated

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• WWF Voucher Specimens