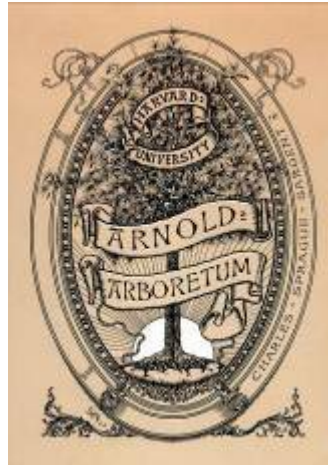


Archives VIII A

**Archaeology Collection: Guide**



**The Arnold Arboretum of Harvard University**

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## VIII A

### **Archaeology Collection: Guide Archives of the Arnold Arboretum of Harvard University 125 Arborway, Jamaica Plain, Massachusetts**

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#### **Descriptive Summary**

**Repository:** Archives of the Arnold Arboretum of Harvard University, Jamaica Plain, MA

**Call No.:** VIII A

**Location:** Archives

**Title:** Archaeology Collection

**Creator:** Archives of the Arnold Arboretum

**Quantity:** 2 linear feet (15 boxes, 2 bound books, and 1 loose folder)

**Language of material:** English

**Abstract:** In the early 1930s, Ernest J. Palmer, a plant collector and Arboretum staff member, collected stone artifacts from sites at the Arboretum. The artifacts have been identified as originating in several eras from the Middle Archaic (ca. 8,000-6,500 B.P.) through the Late Woodland (ca. 1,300-400 B.P.). The artifacts have been associated with tools and implements characteristic of Native American settlements of those eras. In addition to the artifacts themselves, this collection includes inventories, data sheets, correspondence, maps, and reports.

**Note:** Access to Finding Aid record in [HOLLIS](#).

**Related Material:** See also [III EJP Ernest Jesse Palmer \(1875-1962\) papers, 1911-1987](#).

#### **Processing Information**

January 2000. Revised 2/25/2000. Revised 3/18/2003, Ray Hirschkop. Edited by Sheila Connor. Finding aid template applied by Kayleigh Hinckley, March 2011. Revised by Liz Francis, December 2011. Revised by Larissa Glasser, January and August 2023, June and September 2024.

#### **Acquisition Information**

**Provenance:** This collection was compiled by the Archives of the Arnold Arboretum, which was established in 1984. Further accruals are expected.

#### **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 its records. The extent and length of the restriction will be determined by the Director, office of origin, and the Archivist.

## Terms of Use

The copyright is held by The President and Fellows of Harvard College for the Arnold Arboretum Archives of Harvard University. The copyright on some materials in the collection may be held by the original author or the author's heirs or assigns. Researchers are responsible for obtaining written permission from the holder(s) of copyright and the Arnold Arboretum Archives prior to publishing any quotations or images from materials in this collection.

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## Historical Note

In the early 1930s, [Ernest J. Palmer](#) (1875-1962), a plant collector employed by the Arboretum, collected prehistoric and historic period stone artifacts from surface deposits disturbed by plantings. Palmer describes the venture in his 1934 article "[Indian Relics of the Arnold Arboretum](#)". He writes, "Beginning with a chance find several years ago I became interested in looking for Indian evidences here, and a persistent search carried on at odd times in walks through the Arboretum has resulted in the building up of an interesting little collection."

After 1948, Arboretum plant propagator [Alfred J. Fordham](#) contributed additional artifacts he had found, and the combined collection was presented to Richard A. Howard, Arboretum Director, in 1968. The following year Henry Hornblower recorded some of the archaeological sites in files maintained by the Massachusetts Archaeological Society. In 1971, Dr. Dena Ferran Dincauze, Assistant Curator of North American Archaeology at Harvard's Peabody Museum of Archaeology and Ethnology examined the collection and published "[Prehistoric Land Use in the Arnold Arboretum](#)" in *Arnoldia*. Dincauze's article places the artifact collection in the larger context of prehistoric New England archaeology. Thomas F. Mahlstedt and Valerie Talmage of the Massachusetts Historical Commission provided an overall analysis of the collection in 1983.

Barbara Luedtke, Professor of Anthropology at the University of Massachusetts, Boston, catalogued the collection in 1986. In 1991, Arboretum docent George Hibben completed an extensive report on the collection entitled "Arnold Arboretum Prehistoric Indian Artifact Collection." The stone artifacts have been identified as originating in several eras from the Middle Archaic (ca. 8,000- 6,500 B.P.) through



E.J. Palmer, herbarium press in hand, taken on the steps of the Hunnewell Building in 1925.

the Late Woodland (ca. 1,300-400 B.P.). The artifacts have been associated with tools and implements characteristic of Native American settlements of those eras.

In his project proposal for a 1992 reconnaissance archaeological survey of the Arboretum, Steven R. Pendery, City Archaeologist, summarizes prehistoric use of this land.

The Arnold Arboretum has a variety of landforms attractive to prehistoric populations. These include wetlands, meadows bisected by springs, and upland zones providing vistas over the surrounding landscape. By 5500 years ago, small groups of Indians were frequenting the Bussey Brook area and the Center Street area. Periodic use of these sites continued until about 3000 years ago, when a slight deterioration of the climate may have occurred. Prehistoric land use of the Arboretum was infrequent during the past 3000 years.

The collection was first displayed in 1945 in a glass case in the vestibule of the Hunnewell Administration Building. That display was removed in the 1980s when the vestibule was renovated. Following a renovation of the entire Hunnewell building in 1993, a permanent exhibit about the Arboretum was created and a number of the artifacts are now again on display. Several of the pieces were incorporated into an interpretive large-scale model of the Arboretum in 1996. The remainder of the artifact collection is housed in the Arboretum archives.

### **Scope and Content**

This collection includes approximately one hundred stone artifacts, sixty unidentified stone fragments, inventories, data identification sheets, correspondence, exhibit materials, photographs, maps, and reports. Materials documenting artifacts at the Arboretum date from 1948 to the present.

### **Arrangement**

The Native American Artifacts collection is arranged into 4 series. Within series, folders are arranged chronologically.

- Series I:** Correspondence
- Series II:** Artifact Management and Exhibition
- Series III:** Arboretum Archaeology
- Series IV:** Native American Artifacts

### **Container List**

#### **Box 1**

#### **Series I: Correspondence**

##### **1. 1948-1980**

- Ernest J. Palmer to Al Fordham, August 2, 1948
- Copy of agreement regarding gift of artifacts from Alfred J. Fordham to the Arnold Arboretum, May 15, 1968
- Richard A. Howard to Al Fordham, May 23, 1968
- Peter Ashton to Al Fordham, December 1, 1980

## **2. 1983-1988**

- Valerie Talmage, State Archaeologist, Massachusetts Historical Commission to Peter Ashton, 3 copies, 2 with annotations, June 13, 1983
- Thomas J. Mahlstedt, Massachusetts Historical Commission to Al Fordham, June 14, 1983
- Peter Ashton to Valerie Talmage. June 24, 1983
- Victoria L. Harding, Asst. Collections Manager Peabody Museum, Harvard to Peter Ashton, January 28, 1983
- Sheila Connor, Archivist, Arnold Arboretum to Barbara Luedtke, Professor of Archaeology, University of Massachusetts Boston requesting help identifying artifacts [Fall, 1985]
- Barbara Luedtke to Sheila Connor explaining her work on the artifact identification cards, March 13, 1986
- Photocopies of artifact identification cards, March 1986
- Michael N. Geselowitz, Postdoctoral Researcher, Peabody Museum to George C. Hibben, Volunteer, Arnold Arboretum with suggestions for revision of Hibben's "The Arnold Arboretum Prehistoric Indian Artifact Collection," April 6, 1988
- George C. Hibben to Steven R. Pendery, Archaeologist, City of Boston proposing an instructional dig at an Arboretum archaeological site, April 15, 1988
- George C. Hibben to Sheila Connor regarding a meeting with Steven R. Pendery, gravestones at the burying ground, and Hibben's "The Arnold Arboretum Prehistoric Indian Artifact Collection," April 27, 1988
- Sheila Connor to Steven R. Pendery enclosing articles related to Arboretum archaeology, May 16, 1988
- Steven R. Pendery to Sheila Connor arranging 2 workshops on archaeological resources for Arboretum staff, May 18, 1988
- Memo: Sheila Connor to All Staff regarding workshops on archaeological resources presented by Steven R. Pendery, June 2, 1988

## **3. 1990-1992**

- Steven R. Pendery to Bob Cook, Director, Arnold Arboretum proposing archaeological mapping projects, June 7, 1990
- Bob Cook to Steven R. Pendery acknowledging June 7 letter. June 14, 1990
- Steven R. Pendery to Bob Cook regarding funding for archaeological projects, June 12, 1991
- Steven R. Pendery to Bob Cook prioritizing steps for archaeological site management, October 9, 1990

- Mark Strohmeier, Member, Massachusetts Archaeological Society to Sheila Connor offering advice on management of the artifact collection, August 14, 1991
- George C. Hibben to Sheila Connor regarding his "The Arnold Arboretum Prehistoric Indian Artifact Collection," January 3, 1992
- Steven R. Pendery to Sheila Connor regarding walkover survey of the Arboretum and background research, April 17, 1992
- Steven R. Pendery to Bob Cook enclosing a draft of the Archaeological Reconnaissance Survey, August 18, 1992

## **Series II: Artifact Management and Exhibition**

### **Folder 1. Arnoldia Articles**

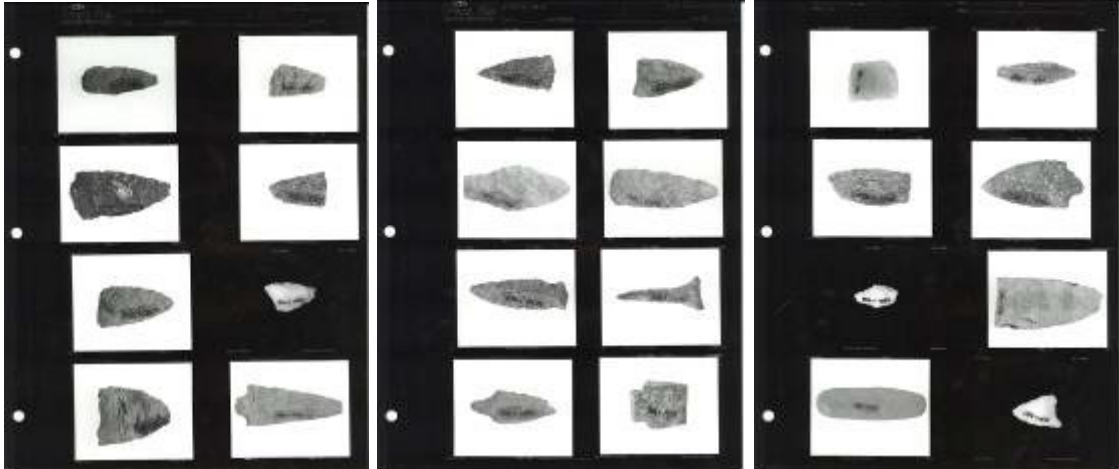
- Whitcomb, Harriet Manning. *Annals and Reminiscences of Jamaica Plain*. Cambridge: Riverside Press, 1897. Excerpt about Giles house. Copy
- Palmer, Ernest J. "Indian Relics of the Arnold Arboretum." *Bulletin of Popular Information*, December 28, 1934
- "Indian Artifacts." *Arnoldia*, 5 (10-11). 1945
- Kobuski, Clarence E. "Ernest Jesse Palmer 1875-1962." *Journal of the Arnold Arboretum*, 43 (4). October 1962. Copy
- Palmer, Ernest J. "Indian Relics of the Arnold Arboretum." *Arnoldia*, 31 (3) May 1971
- Dincauze, Dena F. "Prehistoric Land Use in the Arnold Arboretum." *Arnoldia*, 31 (3) May 1971
- Bibliography of materials related to Arboretum land use and archaeology

### **2. Data Collection Sheets for Native American Artifacts**

- 93 data collection sheets for Native American artifacts, with catalog numbers and descriptions. Barbara Luedtke. Undated

### **3. "The Arnold Arboretum Prehistoric Indian Artifact Collection" by George C. Hibben, 1989. Excerpt**

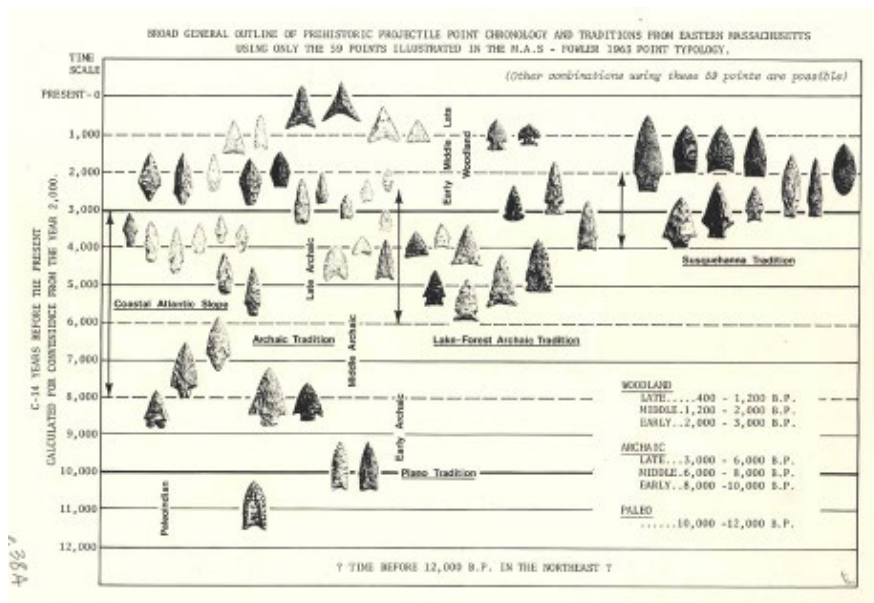
- Hibben, George C. "The Arnold Arboretum Prehistoric Indian Artifact Collection." The first 9 pages of Hibben's report on the collection including Section I: Introduction and Section II: Artifact distribution within prehistoric archaeological periods. Spring, 1989



Photographs of artifacts. "Arnold Arboretum Prehistoric Indian Artifact Collection" pages 17-19. 1991

**4. "Arnold Arboretum Prehistoric Indian Artifact Collection" by George C. Hibben, 1991**

- Hibben, George C. "Arnold Arboretum Prehistoric Indian Artifact Collection." 97-page report on the collection with photographs, maps, and reproductions of collection-related articles. 1991
  - 2 charts: "C-14 Dates and Projectile Point Types" showing dating for 29 projectile points
  - Business card for Steven R. Pendery, City Archaeologist
  - Business card for Michael N. Geselowitz, Peabody Museum



"Broad General Timeline of Prehistoric Projectile Point Chronology" from the report "Arnold Arboretum Prehistoric Indian Artifact Collection," page 38A

## 5. Negatives and Prints: Artifact Photographs for "Prehistoric Indian Artifact Collection" by George C. Hibben

- 108 negatives of photographs of Native American artifacts (mostly projectile points) for George C. Hibben's "Prehistoric Indian Artifact Collection" report, copyright 1991
- 9 prints of photographs of projectile points for "Prehistoric Indian Artifact Collection" report, copyright 1991

## 6. Loan Records, 1993

- Inventory of Artifacts on loan from archives to free standing display case in the exhibit: Science in the Pleasure Ground, Hunnewell building first floor, 1993

## 7. Exhibit: Science in the Pleasure Ground

- Exhibit cards for 3 artifacts (2 projectile points and 1 perforator) and photocopies of exhibit cards with notes. 1996



Projectile points on display in "Science in the Pleasure Ground" exhibit, Arboretum Visitor Center. Photographed by Sheila Connor, March 2012.

## 8. Exhibit: Library

- Exhibit cards for 14 artifacts (projectile points) and corresponding data collection sheets

## 9. Artifact Inventory, 1999

- Arnold Arboretum Artifact Assemblage, Undated
- Artifact Inventory, December 23, 1999



## **10. Topographical Map Showing Sites**

- **RESTRICTED** United States Geological Survey topographical map of Boston South with annotations showing 9 Massachusetts Historical Commission survey sites, copyright 1991, 4 copies

## **Series III: Arboretum Archaeology**

### **Folder**

#### **1. Planting Within Archaeological Sensitive Sites, Annual Reports, Arnold Arboretum, copies**

- 1934-35
- 1936-37
- 1938-39
- 1939-40
- 1940-41
- 1944-45
- 1949-50
- 1955-56
- 1968-69
- 1969-70
- 1922-23
- Table: "Planting densities within archaeological sensitive sites as of January 31, 2005". Kyle Port, Kathryn Richardson, Kristen DeSouza
- Notes: Mapping of Weld Hill area. October 21, 2005
- Table: Plants report based on last published inventory of accessions. 2003
- List: "Crosses (hand pollinated and open) made by George Skirm during Spring of 1938", planted on Walter Street Tract October 30, 1940

#### **2. Reconnaissance Archaeological Survey: Proposal, 1992**

- Steven R. Pendery to Bob Cook regarding archaeology projects at the Arboretum and enclosing a proposal for the Reconnaissance Archaeological Survey, January 23, 1992
  - "Project Proposal: Arnold Arboretum Reconnaissance Archaeological Survey." Undated
- Steven R. Pendery to Bob Cook requesting a letter of support for the Reconnaissance Archaeological Survey, February 21, 1992
- Bob Cook to Steven R. Pendery supporting the Reconnaissance Archaeological Survey, March 7, 1992
- Pendery, Steven R. "Probing the Boston Common: Layers of human history have been uncovered beneath one of America's oldest urban parks." *Archaeology*. March/April 1990
- Arnold, David. "Deep thoughts lurk here: Dig plumbs 'utopia' of 1840s." *The Boston Globe*, June 21, 1991 [Article about Steven R. Pendery's excavation at Brook Farm in West Roxbury.

#### **2. "Reconnaissance Archaeological Survey of the Arnold Arboretum": Draft,**

## **1992**

- Draft: "Reconnaissance Archaeological Survey of the Arnold Arboretum." Boston City Archaeology Program. Submitted to the Massachusetts Historical Commission June 30, 1992, 2 copies
- Steven R. Pendery to Bob Cook attaching map of Massachusetts Historical Society survey sites, 3 copies of map.
- Compact disc: "Arnold Arboretum Pendery 1992 ARIM (tif)." Disc contains 1 tif file of an Archaeological Resources Inventory map. Boston Redevelopment Authority and Metropolitan Area Planning Council, January 1973

### **3. Intensive Testing Archaeological Survey of the Spring Brook Village Site: Proposal and Permit Application, 1992**

- Steven R. Pendery to Bob Cook regarding an archaeological study of the Spring Village site, December 22, 1992
- Permit application: Archaeological field investigation. Includes project proposal, December 1, 1992

### **4. "Intensive Testing Archaeological Survey of the Spring Brook Village Site." Complete Report, 1993**

- Report: "Intensive Testing Archaeological Survey of the Spring Brook Village Site (19SU25) the Arnold Arboretum." Steven R. Pendery, City Archaeology Program, July 1, 1993

### **5. "Intensive Testing Archaeological Survey of the Spring Brook Village Site." Excerpt, 1993**

- Excerpt (pages 1-19): "Intensive Testing Archaeological Survey of the Spring Brook Village Site (19SU25) the Arnold Arboretum." Steven R. Pendery, City Archaeology Program, July 1, 1993

### **7. Student Field Notebooks**

- 2 student field notebooks from Spring Village excavation for Steven Pendery's Anthropology 91r course at Harvard College, Spring, 1993

### **8. Student Field Notebooks**

- 2 student field notebooks from Spring Village excavation for Steven Pendery's Anthropology 91r course at Harvard College, Spring, 1993

### **9. Class Outline: Prehistoric Landscapes of the Arnold Arboretum**

- Class outline: Prehistoric Landscapes of the Arnold Arboretum. Introduction to Landscape Archaeology, HLP, August 15 and 17, 2000, Steven R. Pendery. [for site visit to the Arnold Arboretum]

### **10. Archaeological Intensive Locational Survey for the Proposed Combined Sewer Overflow Project, 2002**

- Report: "Archaeological Intensive (Locational) Survey for the Proposed Combined Sewer Overflow Project in Arnold Arboretum, Boston (Jamaica Plain), Massachusetts." Archaeological Services of the University of Massachusetts at Amherst, 2 copies. March 2002

#### **11. Harvard University Cultural Properties Survey**

- Nina Cohen to Sheila Connor regarding Arboretum artifacts included in Harvard's Cultural Properties Survey, August 28, 2003
  - Printouts from Cultural Properties Survey database showing descriptions of artifacts included in survey, 2003

#### **12. 2005 Archaeological Reconnaissance Survey: Proposal and Permit**

- Proposal: "Arnold Arboretum Institutional Master Plan Reconnaissance Survey." The Public Archaeology Laboratory, Inc. (PAL). November 3, 2004
- Permit application: Archaeological field investigation, November 3, 2004
- "Permit to Conduct Archaeological Field Investigation." Massachusetts Historical Commission, December 15, 2004

#### **13. 2005 Archaeological Reconnaissance Survey: Correspondence, 2004-2006**

- Deborah C. Cox, President, PAL to Brona Simon, State Archaeologist, Massachusetts Historical Commission submitting permit application, November 3, 2004
- Suzanne G. Cherau, Public Archaeology Laboratory, Inc. (PAL) to Sheila Connor, Archivist regarding Arboretum archaeology research, email November 5, 2004
  - Suzanne G. Cherau to Taya Dixon, Epsilon Associates regarding Arboretum archaeology research, email November 5, 2004
- Taya Dixon, Epsilon Associates to Edward L. Bell, Senior Archaeologist, Massachusetts Historical Commission regarding PAL's role in the preparation of the Arboretum's Cultural Resources Management Plan (CRMP), December 9, 2004
- Brona Simon to Deborah C. Cox providing procedural instructions and approving permit application, December 15, 2004
- Sheila Connor to Suzanne G. Cherau regarding Walter Street Burying Ground., email January 4, 2005
  - Suzanne G. Cherau to Sheila Connor regarding Walter Street Burying Ground, email January 3, 2005
  - Suzanne G. Cherau to Sheila Connor regarding Walter Street Burying Ground, email January 3, 2005
  - Sheila Connor to Suzanne G. Cherau regarding Walter Street Burying Ground, email December 31, 2004
- Malaina Bowker, Epsilon Associates to Suzanne G. Cherau regarding revisions of draft archaeological survey report, email January 20, 2005
  - Suzanne G. Cherau to Sheila Connor regarding an electronic copy of the survey report and revisions to the survey report, email, January 20, 2005
- Suzanne G. Cherau to Cynthia L. Jensen, Director of Capital Projects enclosing draft archaeological survey report, April 20, 2005

- Suzanne G. Cherau to Cynthia Jensen enclosing revised archaeological survey report, June 17, 2005
  - Suzanne G. Cherau to Ellen Berkland, City Archaeologist enclosing archaeological survey report, June 17, 2005
  - Suzanne G. Cherau to Brona Simon, State Archaeologist enclosing archaeological survey report, June 17, 2005
  - Suzanne G. Cherau to Gary Hammer, Harvard Planning and Allston Initiative enclosing archaeological survey report, June 17, 2005
  - Suzanne G. Cherau to Ellen Berkland, City Archaeologist enclosing final archaeological survey report, December 23, 2005
- Edward L. Bell to Deborah C. Cox recommending revisions to the archaeological survey report, July 27, 2005
- Sheila Connor to Cynthia Jensen regarding dates for a temporary nursery and orchard, email August 18, 2005
- Cynthia Jensen to Suzanne G. Cherau regarding Weld Hill planting plans, email October 21, 2005
  - Table: Weld Hill planting plans scanned as digital files, October 21, 2005
  - Suzanne G. Cherau to Cynthia Jensen and vice versa regarding Weld Hill planting plans, email October 25-November 8, 2005
- Suzanne G. Cherau to Malaina Bowker and Cynthia Jensen regarding revised sensitivity map for Weld Hill based on post-1969 planting plan, email November 14, 2005
  - Appendix A-3. Archaeological sensitivity, revised based on post-1969 planting plan, November 2005
  - Cynthia Jensen to Suzanne G. Cherau and Malaina Bowker regarding Weld Hill planting plans, email November 16-December 5, 2005
- Suzanne G. Cherau to Cynthia Jensen enclosing final archaeological survey report, December 23, 2005
  - Suzanne G. Cherau to Brona Simon enclosing final archaeological survey report, December 23, 2005
- Edward L. Bell to Deborah C. Cox acknowledging receipt of the final archaeological survey report, January 25, 2006

#### **14. 2005 Archaeological Reconnaissance Survey: Maps**

- **Restricted** "Appendix A-3. Archaeological sensitivity and potentially significant sites within the Arnold Arboretum study area. Revised for Weld Hill using post-1969 planting plan and 2003 Haley and Aldrich soil profiles/findings." December 2, 2005,
- "Archaeological Sensitivity." PAL, Inc., undated
- "Spring Brook Village and Obadiah Gore Sawmill Complex." Kyle Port, Kathryn Richardson, and Kristen DeSouza, undated
- "Centre St. Border and Simon Giles House Natural Woodland Edge." Kyle Port, Kathryn Richardson, and Kristen DeSouza, undated
- "Meadow Border Site Natural Woodland Edge." Kyle Port, Kathryn Richardson, and Kristen DeSouza, undated

- "Bussey Estate Site." Kyle Port, Kathryn Richardson, and Kristen DeSouza, undated
- "Weld Walter Tract." Kyle Port, Kathryn Richardson, and Kristen DeSouza, undated
- Weld Hill with annotations showing plantings not found on post-1969 plan, undated
- Weld Hill showing tree mortality, undated
- "Archaeological Resources Inventory." Boston Redevelopment Authority, undated
  - Enlargement of above map
- "Path Analysis." October 19, 2004

## 15. Images

- Photograph: Steven R. Pendery and unidentified female assistant excavating Spring Brook Village site. Photographed by Amy L.C. Wilson. 1993. Published in *Arnoldia* insert "News from the Arnold Arboretum" 53:2. Summer, 1993
  - *Arnoldia* insert "News from the Arnold Arboretum" 53:2. Summer, 1993
- Steven R. Pendery and unidentified male assistant excavating Spring Brook Village site. Photographed by Amy L.C. Wilson. 1993
- Photograph: "Bussey Brook – view B-9 #30." Undated
- Photograph: Unidentified area of the Arboretum. Undated
- Photograph: "Views Bussey Brook." Photographed by T.E. Marr. Undated
- 2 contact sheets showing 62 images of Steven R. Pendery and unidentified assistants excavating Spring Brook Village site. Photographed by T.E. Marr. 1993

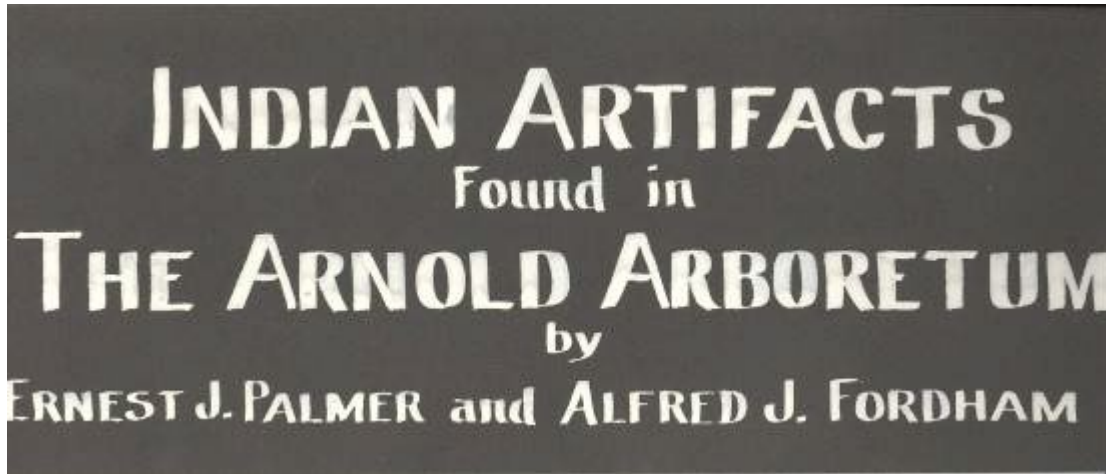
**Archaeological Reconnaissance Survey.** Bound copy of the final technical report. Public Archaeology Laboratory, Inc. December 19, 2005

**Archaeological Reconnaissance Survey.** Bound copy of the final technical report. Public Archaeology Laboratory, Inc. Restricted access copy with additional materials. December 19, 2005

### Folder: Restricted Access

- 5 maps showing archaeological sensitivity. June 16, 2005

**Series IV: Native American Artifacts**  
**Box 3**



Hand-painted exhibit sign: "Indian Artifacts Found in The Arnold Arboretum by Ernest J. Palmer and Alfred J. Fordham." c1940s

**Artifact**

- 10/01.** White quartz projectile point (Squibnocket triangle). Late Archaic, 5000-3000 years before present
- 10/02.** White quartz projectile point (Squibnocket triangle). Late Archaic, 5000-3000 years before present
- 10/03.** White quartz projectile point (Squibnocket triangle). Late Archaic, 5000-3000 years before present
- 10/04.** Blond felsite projectile point (Squibnocket triangle). Late Archaic, 5000-3000 years before present
- 10/05.** Grey-green felsite projectile point (Fox Creek). Middle Woodland, 1800-1200 years before present
- 10/06.** Pink and grey banded felsite projectile point (Fox Creek). Middle Woodland, 1800-1200 years before present
- 10/07.** Pink banded felsite projectile point (Fox Creek). Middle Woodland, 1800-1200 years before present
- 10/08.** Pale green argillite projectile point (Orient Fishtail). Early Woodland, 3000-2000 years before present
- 10/09.** Pinkish grey felsite projectile point (Orient Fishtail). Early Woodland, 3000-2000 years before present.
- 10/10.** Grey quartzite projectile point (Squibnocket triangle). Late Archaic, 5000-3000 years before present
- 10/11.** Grey, pale mottled projectile point (Jacks Reef pentagonal?). Middle Woodland?, 1600-1100 years before present.
- 10/12.** Pale green argillite projectile point (small stemmed point I). Late Archaic, 6000-4000 years before present
- 10/13.** White quartz projectile point (small stemmed point II). Late Archaic, 6000-

4000 years before present.

**10/14.** Milky quartz projectile point (small stemmed point).

Late Archaic, 6000-2310 years before present

**10/15.** Pale grey/tan felsite biface. Age unknown

#### **Box 4**

##### **Artifact**

**10/16.** Blonde felsite biface. Age unknown

**10/17.** Grey-green argillite projectile point (Atlantic). Late Archaic, 4100-3600 years before present

**10/18.** Grey chert projectile point (Meadowood). Early Woodland, 3000-2500 years before present.

**10/19.** Brown-grey felsite projectile point (Merrimack?). Middle Archaic, 7000-6000 years before present

**10/20.** Grey felsite knife? Age unknown

**10/21.** Dark grey to red chert projectile point (Jacks Reef corner notched). Middle Woodland, 1600-1100 years before present

**10/22.** Pink-grey felsite biface knife? Age unknown

**10/23.** Pale green argillite knife? Age unknown

**10/24.** Dark grey felsite biface (knife?) Age unknown

**10/25.** Grey-green banded felsite biface projectile point fragment? Age unknown

**10/26.** Mottled grey-pink felsite biface tip of projectile point? Age unknown

**10/27.** Grey felsite biface projectile point fragment? Age unknown

**10/28.** Grey felsite biface knife? Age unknown

**10/29.** Grey-green felsite biface projectile point fragment? Age unknown

**10/30.** White quartz biface projectile point fragment? Age unknown

#### **Box 5**

##### **Artifact**

**10/31.** Braintree hornfels biface knife? Age unknown

**10/32.** Tan quartzite projectile point (Neville). Middle Archaic, 8000-7000 years before present. **On exhibit, rehoused in Box 14**

**10/33.** Grey felsite projectile point (Archaic notched). Late Archaic, 5000-4000 years before present

**10/34.** Dark grey-green argillite projectile point (small stemmed point). Late Archaic, 6000-2300 years before present

**10/35.** Braintree hornfels projectile point (Levanna). Late Woodland, 1300-400 years before present.

**10/36.** Blonde felsite projectile point (Rossville?). Early Woodland, 2500-1500 years before present.

**10/37.** Grey felsite projectile point (Neville variant). Middle Archaic, 8000-7000 years before present. **On exhibit, rehoused in Box 14**

**10/38.** Pale blonde felsite knife? Age unknown

**10/39.** Grey felsite projectile point (Orient?). Early Woodland, 3000-2000 years before present.

- 10/40.** Black weathered to blonde chert or basalt perforator (drill). Age unknown.
- 10/41.** Brown quartzite projectile point (Stark). Middle Archaic, 7500-6500 years before present.
- 10/42.** Grey-green felsite projectile point (Susquehanna broad). Late Archaic, 4000-3500 years before present
- 10/43.** Colonial English chalk gun flint. Probably 18<sup>th</sup> century.
- 10/44.** Grey argillite projectile point (small stemmed point I). Late Archaic, 6000-2310 years before present



Artifact 10/61. Grey-green argillite projectile point (Neville). Middle Archaic, 8000-7000 years before present

- 10/45.** Reddish felsite projectile point or knife (Greene). Early Woodland, 1800-1200 years before present

## Box 6

### Artifact

- 10/46.** Medium grey felsite projectile point (Neville variant). Middle Archaic, 8000-7000 years before present
- 10/47.** White quartz projectile point (small stemmed point). Late Archaic, 6000-2000 years before present
- 10/48.** Dark grey felsite knife? Age unknown
- 10/49.** Slate natural pebble. Age unknown
- 10/50.** White quartz projectile point (small stemmed point). Late Archaic, 6000-2310 years before present
- 10/51.** White quartz projectile point (Squibnocket triangle). Late Archaic, 5000-3000 years before present
- 10/52.** Blonde quartzite projectile point (Brewerton eared). Late Archaic, 5000-4000 years before present.
- 10/53.** Pink-grey felsite projectile point (small stemmed point II). Late Archaic, 6000-4000 years before present
- 10/54.** Blond felsite large biface celt? Age unknown



- 10/55.** Dark grey felsite scraper. Age unknown. **On exhibit, rehoused in Box 14**
- 10/56.** Pale grey felsite projectile point (Susquehanna broad). Late Archaic, 4000-3500 years before present
- 10/57.** Grey-green felsite projectile point (Wayland notched). Late Archaic, 3600-3000 years before present
- 10/58.** Mottle grey felsite projectile point (Wayland notched). Late Archaic, 3600-3000 years before present
- 10/59.** Pale grey felsite projectile point (Wayland notched). Late Archaic, 3600-3000 years before present
- 10/60.** Tan felsite projectile point (Neville). Middle Archaic, 8000-7000 years before present

**Box 7**

**Artifact**

- 10/61.** Grey-green argillite projectile point (Neville). Middle Archaic, 8000-7000 years before present
- 10/62.** Grey slate/schist worked fragment? Age unknown.
- 10/63.** Grey basalt? scraper. Age unknown. **On exhibit, rehoused in Box 14**
- 10/64.** Colonial English chalk gun flint. Probably 18<sup>th</sup> century.
- 10/65.** Green (grey) slate hammerstone or unmodified cobble? Age unknown. On exhibit
- 10/66.** Grey felsite core for chopping or scraping. Age unknown
- 10/67.** Unmodified cobble. Age unknown

**Box 8**

**Artifact**

- 10/68.** Unmodified cobble? Age unknown
- 10/69.** Unmodified pebble?
- 10/70.** Unmodified pebble?
- 10/71.** Bag containing 9 biface knives or projectile point blanks? 5 felsite, 3 argillite, 1 quartz. Age unknown. **On exhibit, rehoused in Box 14**
- 10/72.** Bag containing 41 stone flakes. Felsite, argillite, hornfels, quartz, and quartzite. Age unknown. **On exhibit, rehoused in Box 14**

**Box 9**

**Artifact**

- 10/73.**
- 10/74.**
- 10/75.** Dark grey felsite knife. Age unknown
- 10/76.** Medium grey felsite projectile point. 6000-4000 years before present. **On exhibit, rehoused in Box 14**
- 10/77.** Grey-green felsite projectile point. 4000-3500 years before present
- 10/78.** Purple-grey felsite projectile point. 5000-4000 years before present
- 10/79.**
- 10/80.** Grey felsite projectile point. 5000-3000 years before present

**10/81.** Grey chert projectile point. 5000-4000 years before present



Artifact 10/82. 3 gun-flints and 1 English flint. Probably 18th century

**10/82.** 3 gun-flints and 1 English flint. Probably 18<sup>th</sup> century.

- Card explaining the use of flint. Undated

**10/83.** Dark grey felsite projectile point. 5000-4000 years before present

**10/84.** Dark grey felsite projectile point. 5000-3000 years before present

**10/85.** Dark grey felsite projectile point. 5000-4000 years before present

**10/86.** Black felsite projectile point. Age unknown

**10/87.** Dark grey felsite biface "top of projectile point?" Age unknown

## Box 10

### Artifact

**10/88.** Black felsite projectile point. 3000-2500 years before present

**10/89.** Grey felsite biface "base of perforator?" Age unknown

**10/90.**

**10/91.** Grey felsite projectile point. 5000-3000 years before present

**10/92.**

**10/93.** Grey felsite projectile point. 5000-3000 years before present

- English penny depicting King George II. 1749
- English half-penny depicting King George II. 1749

### Unnumbered Artifact

Bag containing approximately 60 stone fragments.



Exhibit card showing 30 artifacts on display. Undated

**Box 11**

- Object Cards

**Box 12**

- Unnumbered

**Box 13**

- Historic Exhibit Materials (up to 2024)
  - Index card (above) identifying fragments. Undated
  - 3 cards explaining process of making stone tools. Undated

**Box 14**

- Current Exhibit Materials (as of 2024)
  - Arrowheads:
    - #32 (Series IV, Box 5)
    - #37 (Series IV, Box 5)
    - #46 (Series IV, Box 6)
  - Flakes
    - #72 (Series IV, Box 8)
  - Scrapers
    - #55 (Series IV, Box 6)
    - #63 (Series IV, Box 7)
    - #71 (Series IV, Box 8)

**Box 14a**

- Large Axe Head

**Box 15**

- Artifacts from Blue Hills Nursery (may have been donated to Arnold Arboretum by [Alfred J. Fordam](#), 1911-2000). Undated

**Box 16**

- Artifacts from Peabody Museum, Harvard University, donated to Arnold Arboretum in 2024. Includes printed email communication between Lisa Pearson, Head of Library and Archives, Arnold Arboretum Horticultural Library and Archives and Jennifer McCann, Registrar of Peabody Museum, Harvard University regarding transfer, dated March 6, 2024, (3 pages).

**Provenience**

19 SU 25 NOW0, F. 1  
E0N10, S2, L1, 23-30cm  
19 SU 25 NOW0, F. 1  
N0E20, S2, L1, 10-19cm  
N0E20, S3, L1, 19-?cm

**Object Type(s)**

Soil Sample  
Lithic  
Lithics and ceramics  
Lithics  
Charcoal