



2001 Collection Statistics

**National Collections Program
Smithsonian Institution Archives**

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List of Reporting Units

AM& CAAHC	Anacostia Museum and Center for African American History and Culture
AAA	Archives of American Art
AC	Archives Center, National Museum of American History, Behring Center
AMSG	Arthur M. Sackler Gallery
CEROS	Center for Research and Outreach Services, National Portrait Gallery
C-HNDM	Cooper Hewitt National Design Museum
CFCH	Center for Folklife & Cultural Heritage
CWPP	Charles Willson Peale Papers, National Portrait Gallery
EEPA	Eliot Elisofon Photographic Archives, National Museum of African Art
FGA	Freer Gallery of Art
FSGA	Freer & Sackler Galleries Archives
FGA/AMSG Library	Freer Gallery of Art & Arthur M. Sackler Gallery Library
HMSG	Hirshhorn Museum and Sculpture Garden
HMSG Library	Hirshhorn Museum and Sculpture Garden Library
HSD	Horticultural Services Division
HSFA	Human Studies Film Archives, National Museum of Natural History
NAA	National Anthropological Archives, National Museum of Natural History
NASA	National Air & Space Archives, National Air & Space Museum
NASM	National Air & Space Museum
NMAfA	National Museum of African Art
NMAH	National Museum of American History, Behring Center
NMAI	National Museum of the American Indian
NMNH	National Museum of Natural History
NPG	National Portrait Gallery
NPM	National Postal Museum
NZP	National Zoological Park
OAHP	Office of Architectural History & Historic Preservation
SAAM	Smithsonian American Art Museum (formerly National Museum of American Art)
SAAM/NPG Library	Smithsonian American Art Museum/National Portrait Gallery Library
SIA	Smithsonian Institution Archives
SITES	Smithsonian Institution Traveling Exhibition Service
SIL	Smithsonian Institution Libraries

Abbreviations

N/A	Not Applicable
N/R	Not Reported
NCP	National Collections Program
SI	Smithsonian Institution
TRANS	Transactions

Summary



Introduction

This report presents a wealth of information regarding collection size, growth, and transaction activity in the museums, archives and libraries of the Smithsonian. First published in 1987, this statistical report has become an important indicator of progress in collections management, informing Smithsonian management and staff of unique events occurring in a given year and significant trends reflected over time. The combined data of this year's report and previous editions provides baseline information useful in benchmarking. It also supports the Institution's accountability and oversight of the collections held in trust for the American people.

In comparison to previous editions, this report has a few new format changes and additions:

- The report is divided into three sections: Management Excellence, Public Impact, and Acquisition Highlights. Within each section, information is organized and presented for the museum, archive, and library communities to appropriately reflect their differences and uniqueness.
- Digitization statistics are presented for the first year.
- A questionnaire has been added to solicit user comments and suggestions.

Management Excellence

“We intend ... to bring [the following] to a level of quality and sophistication appropriate to a contemporary organization of the size and complexity of the Smithsonian Institution:

Collections management and storage ...
Management information ...
Information technology ...”

Public Impact

“We want to enlarge dramatically our audiences and our degree of engagement with the public ... by offering them compelling and absolutely first-class exhibits ... using the Web to bring the Smithsonian to the nation – and the world.”

The Smithsonian Institution in the 21st Century – The First Decade's Work
Lawrence M. Small

2001 by the Numbers

142.4 million

The number of artifacts, works of art, and specimens of nature in Smithsonian museum collections at the close of FY 2001.

88%

Nearly 124.7 million specimens of total Smithsonian holdings represent the collections of the National Museum of Natural History.

315,656

The number of objects and specimens acquired for Smithsonian museum collections in 2001. **47%** were donations and bequests, **21%** were transfers, **19%** were field collected, **8%** were purchases, **2%** were exchanges, and **3%** were by “other” methods.

.003

Annual rate of collections growth during the past ten years.

2,311 cubic feet, 24,472 feet of film, and 10,644 items

The number of new additions to Smithsonian archival holdings.

19,921

The number of volumes added to Smithsonian library holdings.

6,452

The number of objects and specimens deaccessioned.

271,833

The number of objects and specimens lent as new outgoing loan transactions during FY 2001. This material was loaned in 1,720 separate transactions. **96%** were loaned for research and identification and **4%** were loaned for exhibition and “other” purposes.

49

The number of U.S. states and territories where the Smithsonian initiated new outgoing loan transactions.

53

The number of foreign countries that received Smithsonian collections as part of newly initiated loans.

136,660

The number of objects and specimens borrowed as new incoming loans initiated during FY 2001. **98%** of this total occurred at the National Museum of Natural History including more than **90,000** specimens borrowed for study purposes and **23,000** specimens borrowed for identification.

36,504

Responses to reference requests by Smithsonian archival units.

16,744

The number of interlibrary loans conducted by Smithsonian Institution Libraries.

9 million

The number of collection records in automated collections information systems at the close of FY 2001.

1 million

Total number of digital collection images.

5.2 million

The number of objects and specimens available in electronic form to the public.

Institutional Highlights

The following statistics highlight various aspects of collections management around the Smithsonian.

Museums

<i>Items</i>	2001	2000	1999	1998	1997
Acquisitions	315,656	277,949	377,621	315,111	1,314,723
Deaccessions	6,452	29,311	10,102	8,946	25,708
Incoming Loans	136,660	332,408	111,209	91,170	90,562
Outgoing Loans	271,833	188,081	1,495,048	250,306	158,150

Archives

	2001	2000	1999	1998	1997
Acquisitions	2,311 cubic ft.	1,850	1,423	2,078	1,796
Reference Trans.	36,504	42,531	49,537	49,958	38,677
Processing	1,663 cubic ft.	331	1,789	558	1,883

Libraries

	2001	2000	1999	1998	1997
Acquisitions	19,921 volumes	17,322	21,431	26,180	24,467
Current Journals	6,252	7,437	7,883	7,676	8,327
Interlibrary Loans	16,744 titles	20,001	22,800	8,459	23,255

SITES

	2001	2000	1999	1998	1997
Exhibitions Circulated	53	45	43	40	49
Number of Objects	1,401	1,261	1,353	991	1,128
Number of Exhibitors	200	204	204	183	194

Management Excellence



The acquisition, preservation, management, and study of collections are fundamental to the Smithsonian's mission and have been the foundation upon which its reputation rests. Assembled over more than 150 years, the national collections are central to many of the core activities and to the vitality and significance of the Smithsonian.

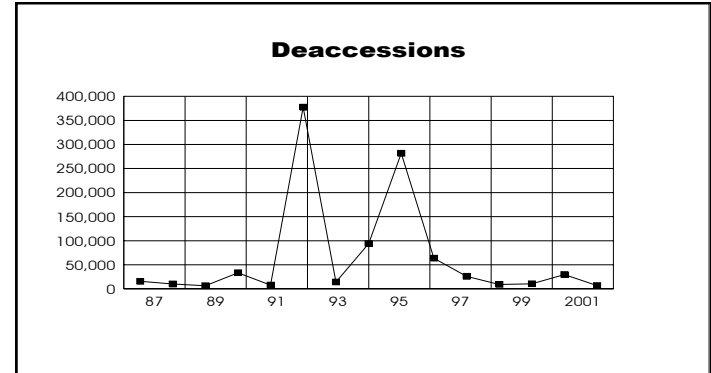
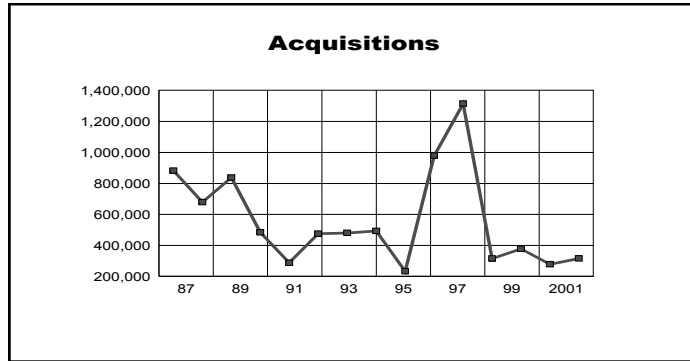
The Smithsonian recognizes and accepts its fiduciary responsibility to provide proper management, preservation, and use of the collections and associated information it holds for the benefit of the public.

Smithsonian Directive 600: Collections Management

Museum Collection Totals

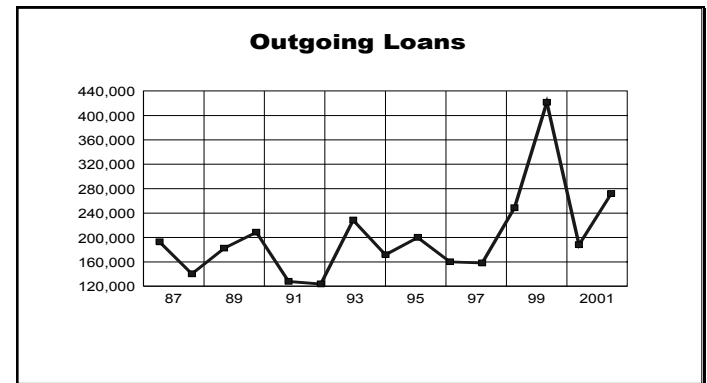
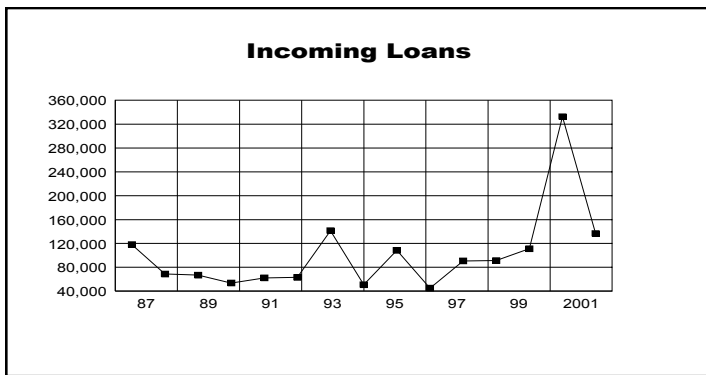
	2001	2000	1999	1998	1997
	Items	Items	Items	Items	Items
Smithsonian Total	142,417,741	142,105,365	141,849,308	141,480,709	141,170,157
ART	309,212	290,481	289,552	288,233	286,486
AMSG	3,975	3,838	3,486	3,319	2,986
C-HNDM	200,209	182,220	181,951	181,764	180,895
FGA	28,307	28,277	28,253	28,160	27,559
HMSG	11,465	11,488	11,524	11,717	11,745
NMAfA	7,573	7,375	7,360	7,209	7,182
NPG	18,644	18,514	18,448	18,151	18,359
SAAM	39,039	38,769	38,530	37,913	37,760
CULTURAL HISTORY	17,389,150	17,299,272	17,269,062	17,236,729	17,157,531
AM&CAAHC	7,480	7,203	7,203	7,203	7,199
NASM	47,302	46,704	38,806	37,117	34,678
NMAH	3,165,947	3,140,582	3,131,923	3,126,314	3,120,743
NMAI	778,696	778,348	771,617	771,297	771,297
NPM	13,352,396	13,289,114	13,282,201	13,257,549	13,186,371
HSD (Artifacts)	34,109	34,109	34,109	34,109	34,109
OAHP	3,220	3,212	3,203	3,140	3,134
NATURAL SCIENCE	124,719,379	124,515,612	124,290,694	123,955,747	123,726,140
NMNH	124,706,798	124,487,528	124,262,882	123,927,999	123,696,951
NZP	3,269	3,410	3,586	3,576	3,973
HSD (Living Plants)	9,312*	24,674	24,226	24,172	25,216

* During 2001, HSD-Living Plants reduced their total following a collections management policy decision to limit 'collection' holdings to only orchid specimens.



During 2001, Smithsonian museums acquired 315,656 objects and specimens. The Science Community accounts for the overwhelming majority of acquisitions (223,515 or 71%). Smithsonian art museums acquired 2,723 artworks while the history museums acquired 89,420 artifacts.

The Smithsonian deaccessioned a total of 6,452 objects and specimens. Fifty-three percent of total deaccessions occurred in the science community while forty-seven percent occurred in the history community. Deaccessions in the art community totaled one percent.

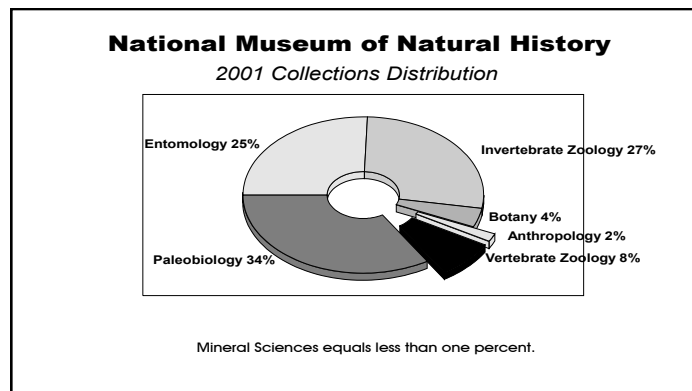
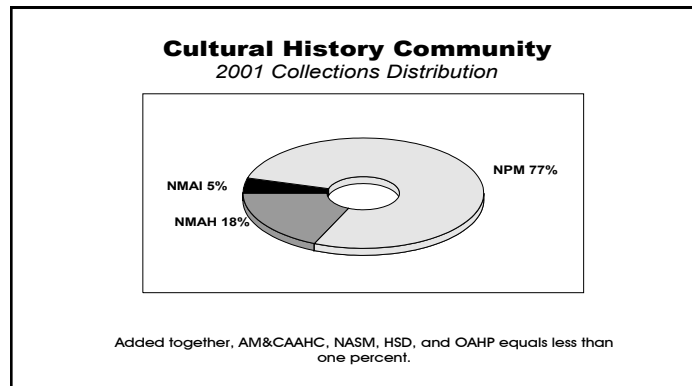
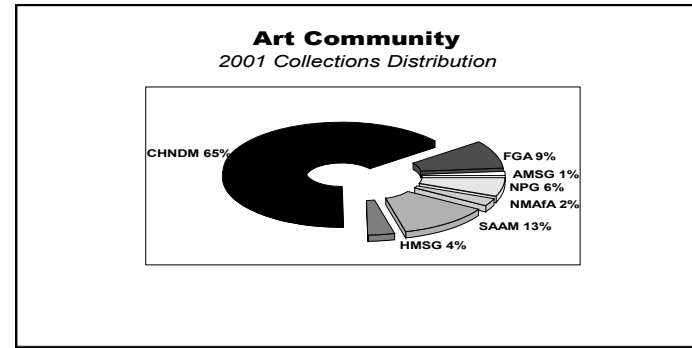
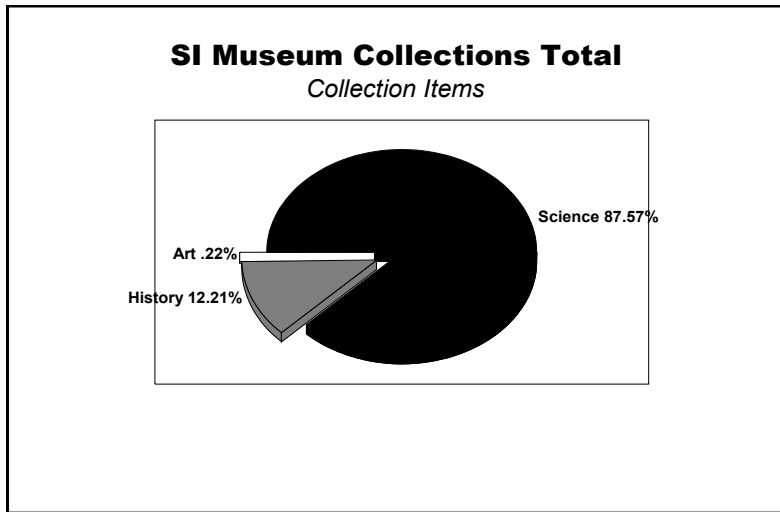


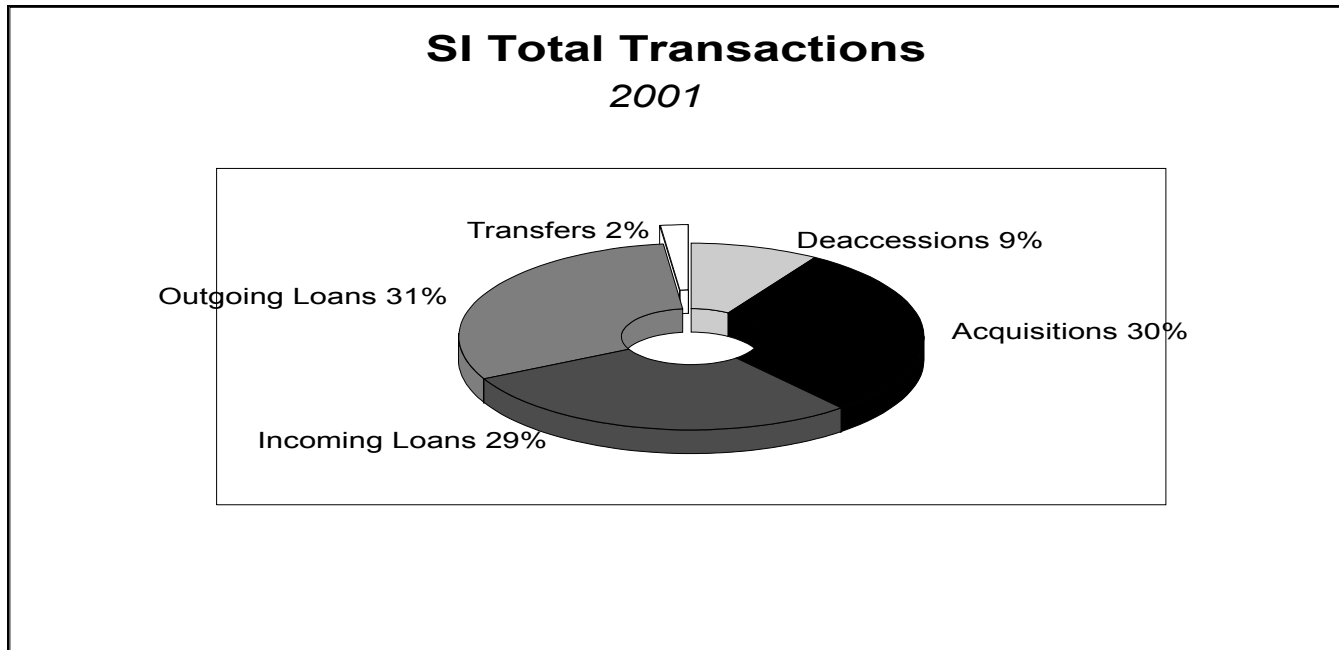
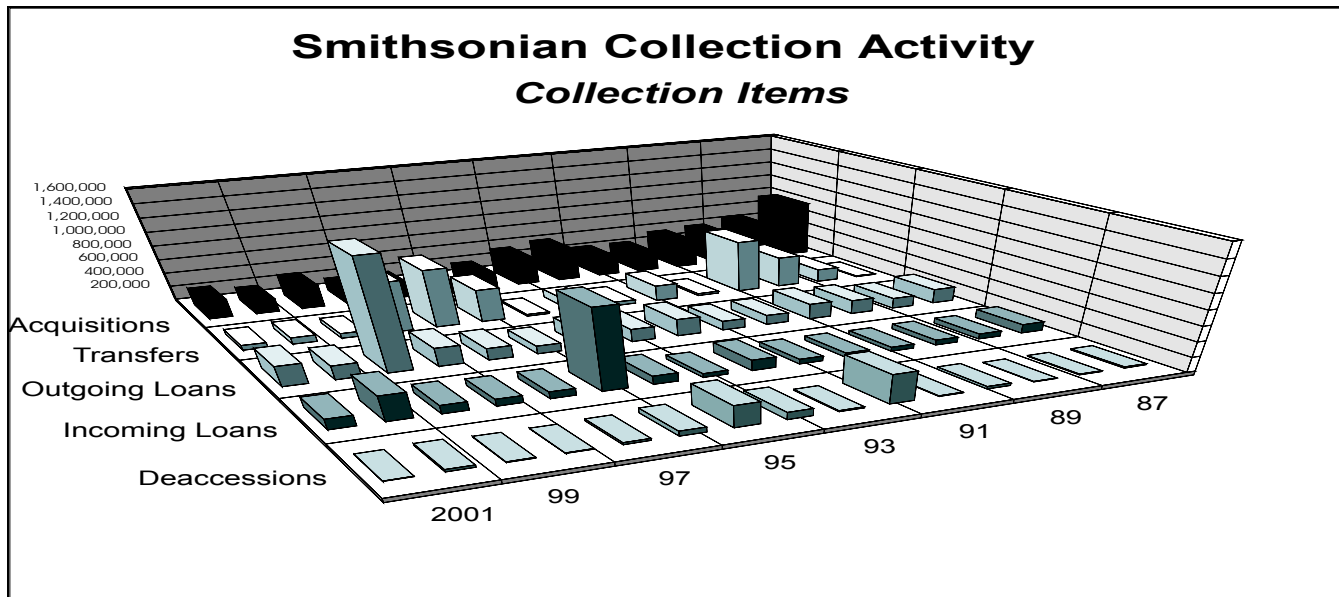
Incoming loans initiated during 2001 totaled 1,609 transactions and 136,660 objects and specimens. Sixty-six percent were for study, seventeen percent for identification, fifteen percent for accession consideration, and one percent for exhibition and “other.”

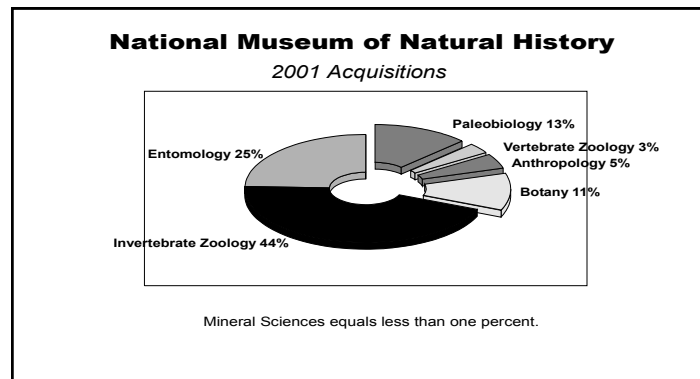
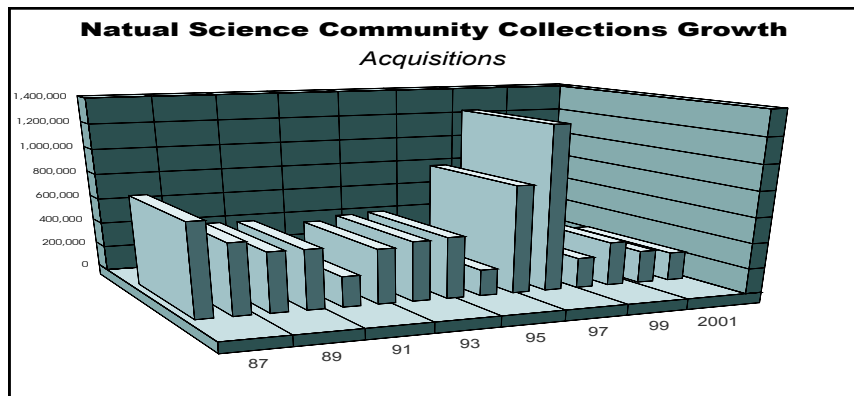
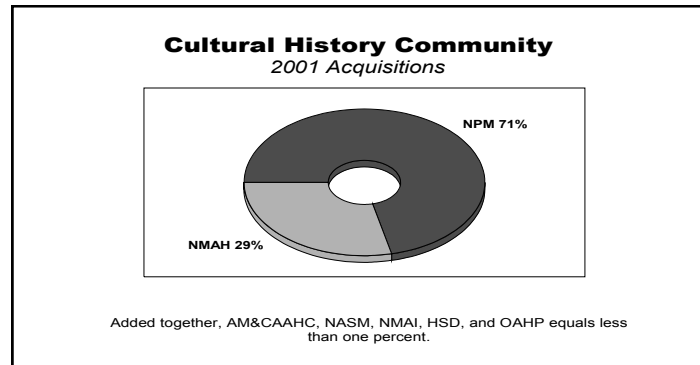
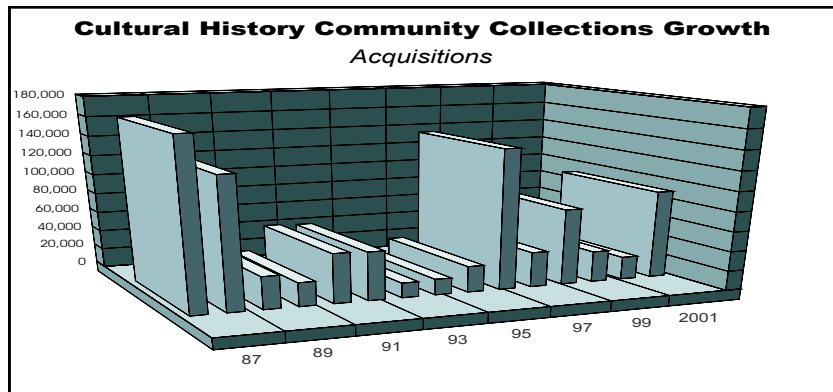
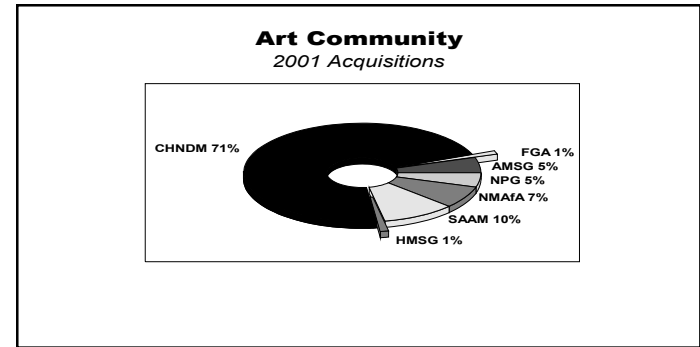
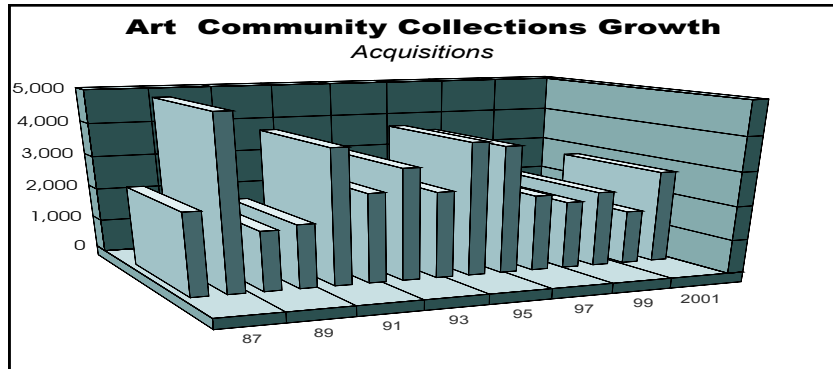
Outgoing loans initiated totaled 1,720 transactions and 271,833 objects and specimens to nearly every state in the United States and to over 50 countries around the globe. Study loans from the Departments of Entomology (67,635 specimens), NMNH, contributed to the overall outgoing loan total.

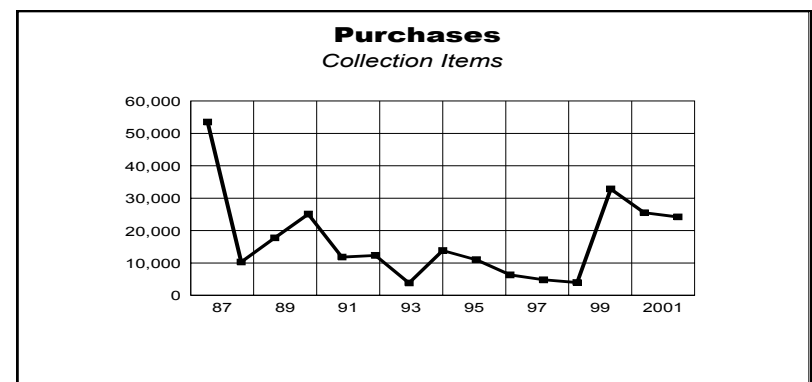
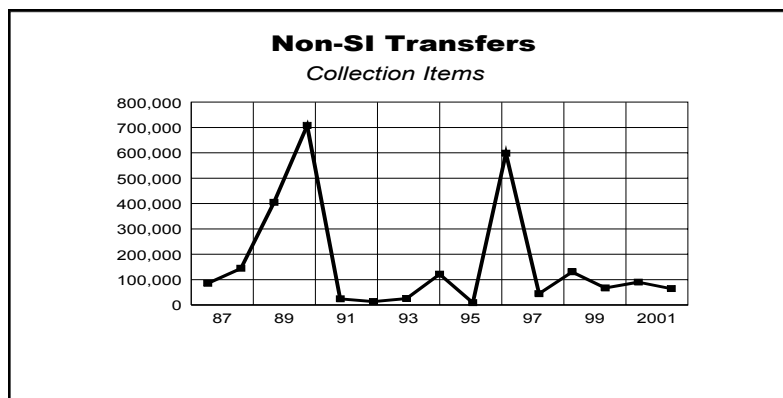
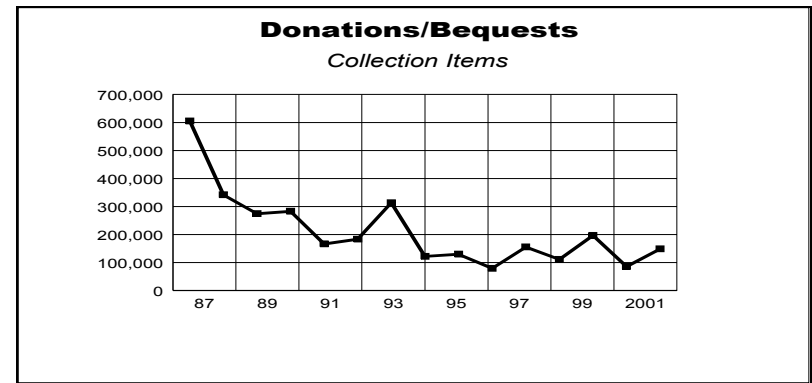
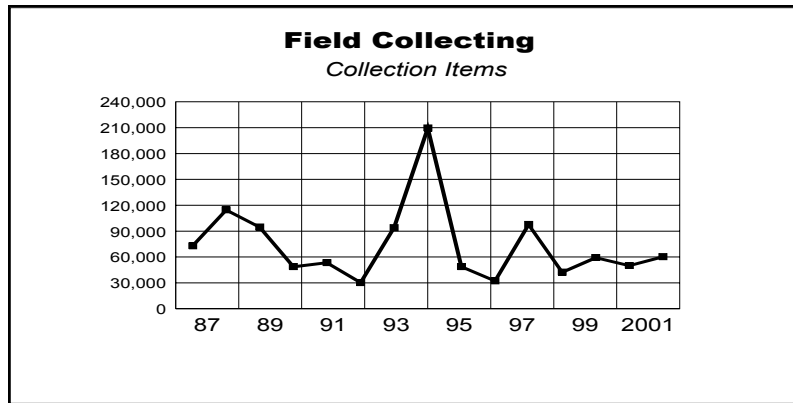
Collections Distribution

The following graphs are based on total collection holdings at the close FY 2001.









Acquisition totals in the History Community were bolstered by the following transactions:

- The National Postal Museum received five government transfers totaling over 56,000 objects, including the transfer of 14 stamp coils from the United States Postal Service containing a total of 36,900 stamps.
- The Division of Cultural History, National Museum of American History acquired a collection of 21,873 phonograph records.

Acquisitions

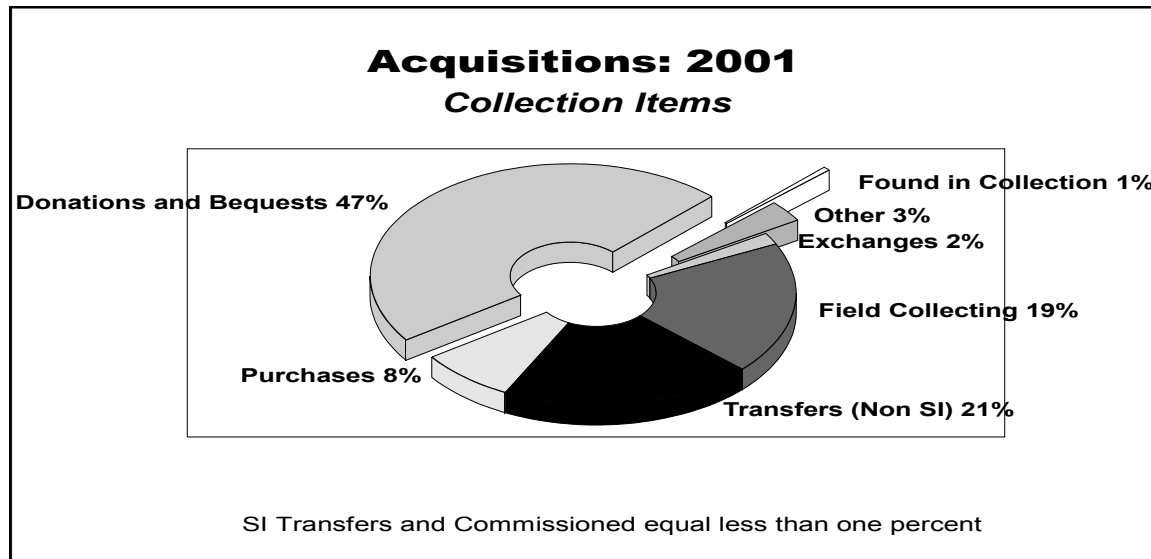
	2001		2000		1999		1998		1997	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Smithsonian Total	1,785	315,656	1,584	277,949	2,222	377,621	1,986	315,111	2,232	1,314,723
ART	301	2,723	195	769	366	1,881	467	2,838	529	3,704
AMSG	24	137	17	130	24	167	29	333	36	148
C-HNDM	56	1,926	29	275	65	511	81	943	184	2,127
FGA	18	30	19	24	21	93	40	601	29	123
HMSG	25	32	10	11	31	43	37	47	26	44
NMAfA	26	198	12	34	27	151	28	62	30	56
NPG	48	130	41	56	94	297	86	216	99	424
SAAM	104	270	67	239	104	619	166	636	125	782
CULTURAL HISTORY	468	89,420	369	23,190	493	31,546	415	77,319	586	35,605
AM&CAAHC	9	277	0	0	0	0	4	4	6	78
NASM	69	598	31	819	42	375	20	353	90	652
NMAH	316	25,288	285	8,690	371	5,712	364	5,772	449	6,090
NMAI	42	367	34	6,759	30	344	N/R	N/R	16	120
NPM	24	62,874	14	6,913	34	25,052	20	71,178	12	28,603
HSD (Artifacts)	0	0	0	0	0	0	0	0	0	0
OAHP	8	16	5	9	16	63	7	12	13	62
NATURAL SCIENCE	1,016	223,513	1,020	253,990	1,363	344,194	1,104	234,954	1,117	1,275,414
NMNH	958	221,235	962	252,633	1,271	342,773	1,000	233,049	1,030	1,274,670
NZP	46	831	45	842	85	1,251	92	1,339	77	547
HSD (Living Plants)	12	1,447	13	515	7	170	12	566	10	197

A sampling of recent acquisitions reflects the depth and diversity of Smithsonian holdings: (See Accession Highlights, Section III, for more)

- South-Central Chinese tomb guardian, late Eastern Zhou period, 4th century B.C., made of painted wood and deer antler.
- A collection of memorabilia documenting the television and stage career of African American actor, Robert Guillaume.
- *George Washington*, the renowned 1796 portrait by Gilbert Stuart, known as the Lansdowne Portrait.
- English textile “Calyx,” an icon of 20th century design, by Lucienne Day.
- Birth of an Asian elephant (named Kandula) second ever born at the Zoo, a Masai giraffe (named Jana), and a Sumatran tiger (named Berani).
- A Pioneer RQ-2A unmanned aerial vehicle, deployed during the Gulf War, to which Iraqi soldiers surrendered – marking the first battlefield surrender to a robot.
- Mid 19th-century anti-slavery potholder, embroidered with dancing male and female black figures and the inscription “Any holder but A Slaveholder.”
- Beaded gourd vessel from the royal regalia of Grassfields kingdoms, Bamum peoples, Cameroon.
- The black mask and silver-colored aluminum bullet used by Clayton Moore in his portrayal of the “Lone Ranger,” 1949-1958.
- Inaugural dress ensemble, including ruby red beaded chantilly lace gown, worn by Mrs. Bush to the inaugural balls of January 20, 2001.
- *Sollie 17* by Edward Kienholz, 1979-1980, mixed-media construction.
- Gibson “hermitage” guitar made with tulip popular and hickory woods from trees from the grounds of President Andrew Jackson’s home.
- Photographic portraits by Edward Steichen, including Charlie Chaplin, Fred Astaire, and George Gershwin.
- *Untitled (Big Man)* by Ron Mueck, 2000, a sculpture made of pigmented polyester resin on fiberglass.
- Kashmiri bronze sculpture of Bodhisattva Avalokiteshvara, 11th century.
- Voucher plant specimens for the National Cancer Institute’s ongoing global program of natural plant product testing for cancer and AIDS.

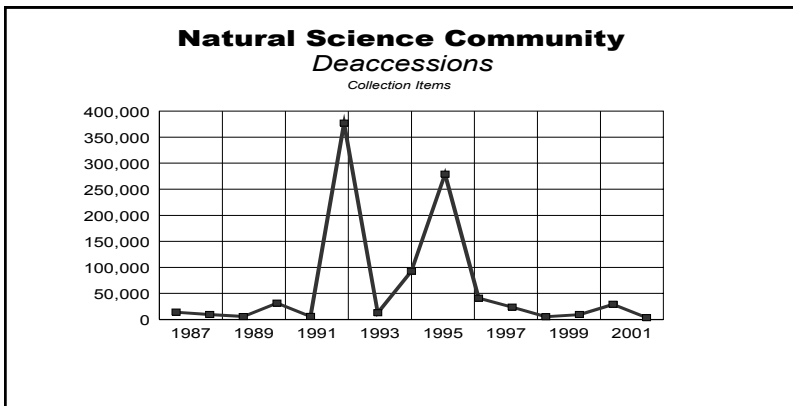
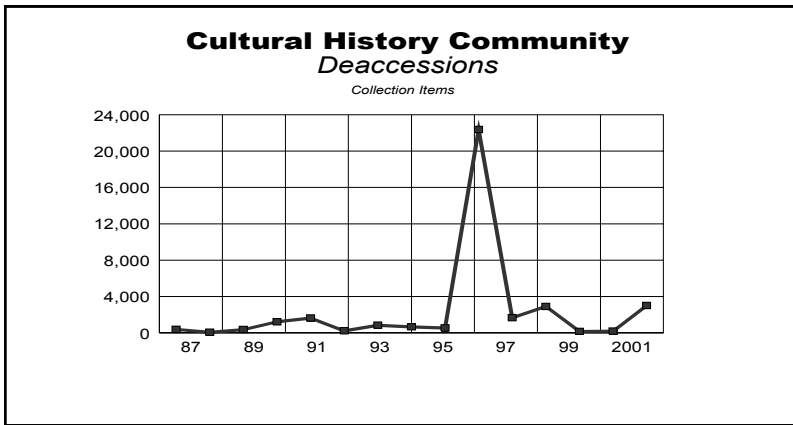
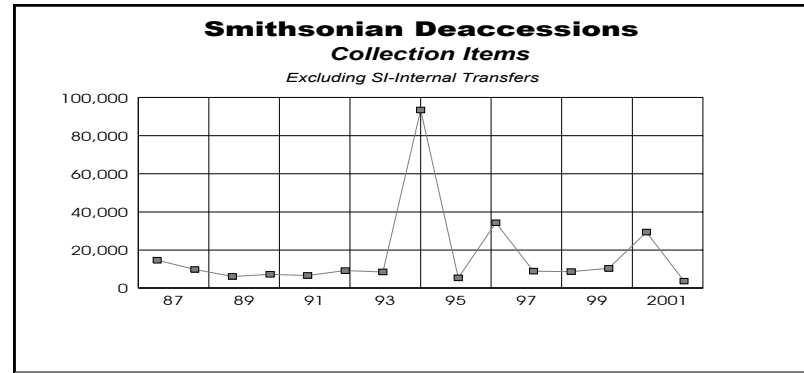
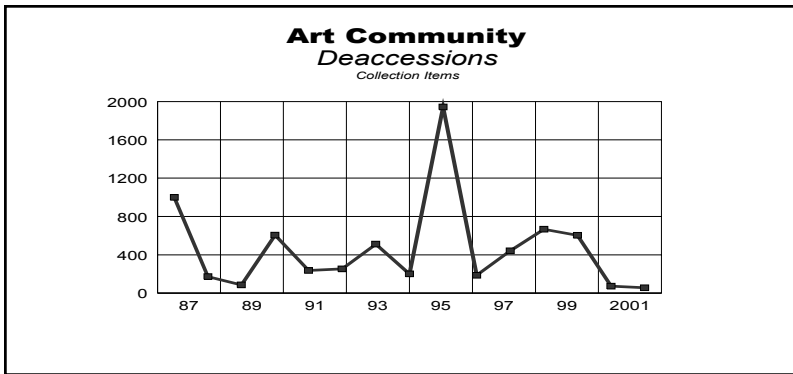
Acquisitions by Method

	2001		2000		1999		1998		1997	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Smithsonian Total	1,785	315,656	1,584	277,949	2,222	377,621	1,986	315,111	2,232	1,314,723
Donations	1,173	142,673	1,053	80,350	1,498	126,442	1,237	69,958	1,491	153,688
Purchases	265	24,241	214	25,531	305	32,813	348	3,974	284	4,814
Bequests	7	6,056	13	5,020	16	70,426	13	41,140	13	1,739
Transfers (SI)	23	988	22	1,770	29	984	28	635	17	1,000,484
Transfers (Non SI)	86	64,625	65	90,140	53	67,199	78	130,402	77	44,452
Field Collecting	75	60,259	63	49,966	99	59,254	83	42,262	119	97,573
Exchanges	91	5,570	99	19,791	171	12,333	123	6,966	117	9,310
Found in Collection	38	2,026	28	2,944	30	2,371	32	18,731	51	1,646
Commissioned	2	3	14	37	2	4	3	6	14	29
Other	25	9,215	13	2,400	19	5,795	41	1,037	49	988



Deaccessions

	2001		2000		1999		1998		1997	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Smithsonian Total	500	6,452	220	29,311	297	10,102	1,917	8,946	372	25,708
ART	56	56	3	72	10	603	35	667	5	442
AMSG	0	0	0	0	0	0	0	0	0	0
C-HNDM	1	1	1	6	5	329	30	74	1	1
FGA	0	0	0	0	0	0	0	0	0	0
HMSG	55	55	1	47	2	237	2	75	2	191
NMAfA	0	0	1	19	1	35	1	35	0	0
NPG	0	0	0	0	0	0	0	0	0	0
SAAM	0	0	0	0	2	2	2	483	2	250
CULTURAL HISTORY	75	3,005	48	178	28	149	37	2,900	61	1,653
AM&CAAHC	0	0	0	0	0	0	0	0	0	0
NASM	53	2,932	21	53	4	4	9	20	22	50
NMAH	17	45	23	97	21	137	26	1,949	12	1,545
NMAI	4	19	4	28	3	8	N/R	925	26	38
NPM	0	0	0	0	0	0	0	0	0	0
HSD (Artifacts)	0	0	0	0	0	0	0	0	0	0
OAHP	1	9	0	0	0	0	2	6	1	20
NATURAL SCIENCE	369	3,391	169	29,061	259	9,350	1,845	5,379	306	23,613
NMNH	52	1,965	63	27,987	107	8,023	180	2,001	231	21,831
NZP	34	1,143	39	1,007	36	1,211	55	1,768	57	1,600
HSD (Living Plants)	283	283	67	67	116	116	1,610	1,610	18	182

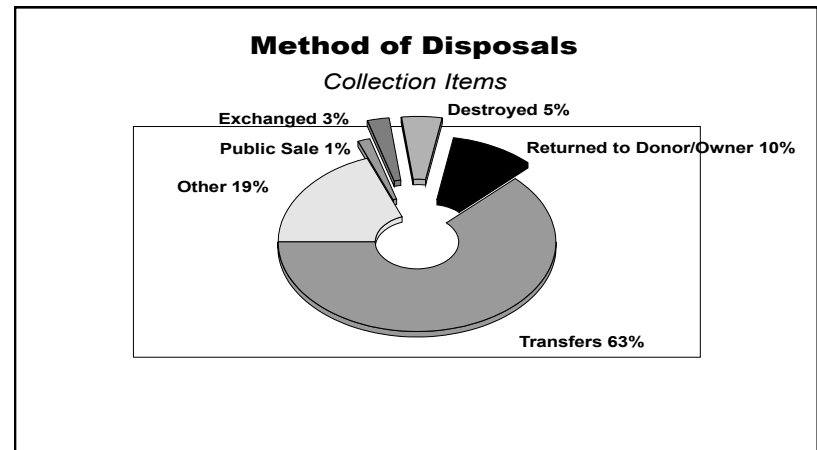
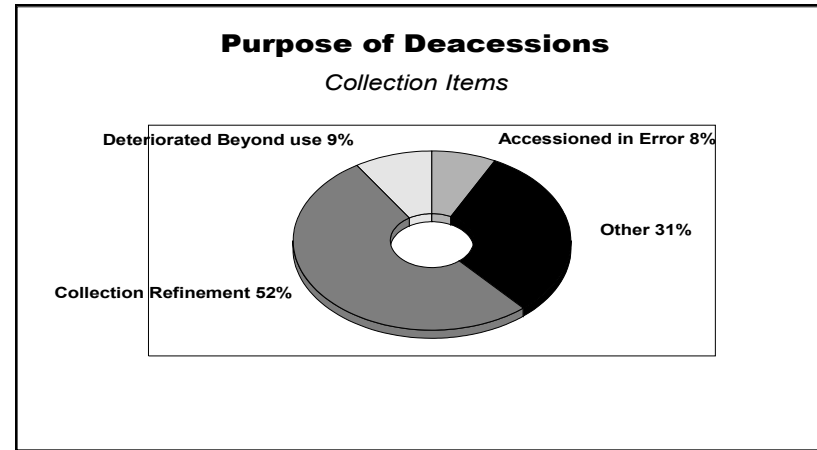


During FY 2001, the Smithsonian deaccessioned 6,452 collection items.

Unit Highlights

- The Hirshhorn Museum & Sculpture Garden deaccessioned 35 paintings, 11 sculptures, and 9 works on paper as part of collection refinement.
- The National Air and Space Museum deaccessioned 2,932 objects, including the transfer of 2,857 stamps, paper documents, and photographs to the NASM Archives. 44 instrument components were deaccessioned and used during aircraft restoration for display at NASM’s Steven F. Udvar-Hazy Center.
- The National Museum of the American Indian repatriated 19 associated funerary objects and objects of cultural patrimony to representatives of the Central Council of Tlingit and Haida Tribes of Alaska, Kaw Nation of Oklahoma, Cheyenne River Sioux Tribe, and the Nex.adi, Kiks.adi and Teikweidi clans of Tlingit Indians.

- The National Museum of Natural History deaccessioned 1,965 objects and specimens, including the donation and exchange of 1,263 items to other scientific and educational organizations such as: Yale University, Delaware State College, University of Glasgow, American Museum of Natural History, Russian Academy of Sciences, University of Guyana, Universidade de Sao Paulo, Milwaukee Public Museum, Hokkaido University, Royal Ontario Museum, Florida Museum of Natural History, Southwest Missouri State University, Australian Museum, Bishop Museum, California Academy of Sciences, Universidade do Vale do Itajai, and Field Museum of Natural History.
- The National Zoological Park deaccessioned 1,143 specimens including the donation of 63 animals to other zoological facilities and the release of 20 specimens to the wild. Three Amakihi were donated to the Philadelphia Zoo as part of the U.S. Fish and Wildlife Service / American Zoological Association Hawaiian Bird Propagation and Research Program.
- The Horticultural Services Division disposed of 283 orchid specimens that were determined to be virused or to have fungal or bacterial infections.
- Forty-four percent (2,863 items) of total deaccessions and disposals involved the internal transfer of curatorial responsibility to other Smithsonian museums or collecting units, thereby retaining Smithsonian custody and responsibility for the objects.



Deaccessions and Disposals

	2001		2000		1999		1998		1997	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Smithsonian Total	500	6,452	220	29,311	297	10,102	1,917	8,946	372	25,708
Reason for Deaccession										
Deteriorated Beyond Use	7	580	24	99	136	258	1,634	1,804	32	212
Beyond Scope	3	14	1	6	8	29	1	20	2	2,313
Collection Refinement	97	3,303	22	3,672	22	830	56	3,104	15	5,812
Exchanged	3	108	8	308	20	1,514	135	879	210	13,950
Research	0	0	37	23,399	N/A	N/A	N/A	N/A	N/A	N/A
Accessioned in Error	30	482	7	24	5	49	19	181	5	336
Repatriation	4	19	7	90	7	54	6	1,054	34	1,264
Other	356	1,946	114	1,713	99	7,368	66	1,904	74	1,821
Method of Disposal	501	6,456	232	29,406	302	10,623	1,944	8,662	370	25,708
Transfer/Donated to:										
Smithsonian Unit	14	2,863	1	19	10	347	10	76	4	828
Government Agency	2	10	3	7	1	1	2	12	3	3
Non-Profit Organization	38	1,156	51	27,445	69	6,192	7	45	55	479
Returned to Donor/Owner	6	628	4	105	3	41	11	121	5	317
Repatriated	3	16	5	91	5	48	6	1,054	34	1,264
Destroyed	290	295	90	165	137	263	1,640	1,926	34	5,568
Exchanged	11	171	10	305	21	1,554	151	1,444	163	13,656
Public Sale	64	85	25	164	14	400	68	2,064	24	1,654
Other	73	1,232	43	1,105	42	1,777	49	1,920	48	1,939

The archival holdings of the Smithsonian include institutional and organizational records, personal papers, manuscripts, special collections, oral histories, works of art, photographs, sound recordings, films, and other special media materials.

Archival Collection Totals

	2001	2000	1999	1998	1997
Smithsonian Totals	79,054 cubic ft. 5,885,434 ft.	68,586 cubic ft. 5,860,954 ft.	66,966 cubic ft. 5,828,000 ft.	69,215 cubic ft. 5,731,936 ft.	66,910 cubic ft. 5,311,164 ft.
ARCHIVES	approx. 158.5 million items	approx. 137.2 million items	approx. 133.9 million items	approx. 138.7 million items	approx. 134.1 million items
AAA	14,129 cubic ft.	13,853	13,432	13,079	12,611
AC	11,327 cubic ft.	10,834	10,402	10,178	9,925
CEROS	1,318 cubic ft.	1,246	1,233	1,229	1,225
CFCH	9,105 cubic ft.	N/R	N/R	3,635	3,149
CWPP	N/A	N/A	N/A	N/A	N/A
EEPA	294,615 items	285,584	284,021	274,373	268,340
FSGA	950 cubic ft.	1,131	1,057	1,015	966
HSD	87,434 items	85,821	84,831	83,085	81,301
HSFA	5,885,434 ft.	5,860,954	5,828,000	5,731,936	5,311,164
NASA	10,826 cubic ft.	10,723	10,600	10,520	10,446
NAA	7,979 cubic ft.	7,836	7,734	7,584	7,387
NMAI	N/R	300	300	300	300
SIA	23,420 cubic ft.	22,663	22,208	21,675	20,901

Regardless of how diverse their nature, Smithsonian archival repositories provide three primary responsibilities:

- ✓ the identification and acquisition of appropriate papers or records for permanent preservation
- ✓ the arrangement and preservation of their holdings, and
- ✓ the dissemination of documentary information through finding aids, reference services, and on-line programs.

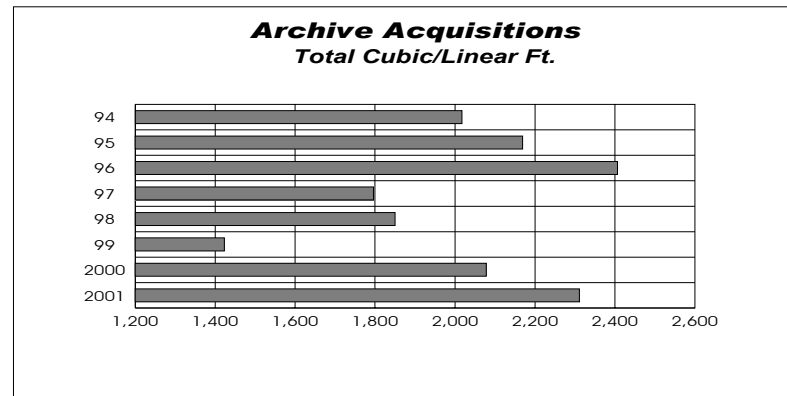
Acquisitions

	<i>2001</i>	<i>2000</i>	<i>1999</i>	<i>1998</i>	<i>1997</i>
Smithsonian Total	2,311 cubic ft. 24,472 feet 10,644 items	1,850 cubic ft. 32,734 feet 2,553 items	1,423 cubic ft. 95,000 feet 11,494 items	2,078 cubic ft. 418,810 feet 8,087 items	1,796 cubic ft. 168,500 feet 7,406 items
ARCHIVES					
AAA	281 linear ft.	432	362	466	359
AC	504 cubic ft.	432	224	253	506
CEROS	5 cubic ft.	13	4	5	5
CFCH	380 cubic ft.	N/R	N/R	196	N/R
CWPP	N/A	N/A	N/A	N/A	N/A
EEPA	9,031 items	1,563	9,748	6,033	2,119
FSGA	31 cubic ft.	74	42	49	32
HSD	1,613 items	990	1,746	2,054	5,287
HSFA	24,472 feet	32,734	95,000	418,810	168,500
NASA	103 cubic ft.	123	80	74	165
NAA	143 linear ft.	102	151	197	74
NMAI	N/R	N/R	N/R	N/R	N/R
SIA	863 cubic ft.	674	560	838	655

The rise in archival acquisitions during 2001 is attributed to:

- Reporting by the Center for Folklife and Cultural Heritage.
- Increased acquisition of official records by the Smithsonian Institution Archives with the closure of Smithsonian offices, including Smithsonian Productions.

See Acquisition Highlights, Section III, for a listing of newly acquired materials.



- During FY 2001, archival collections were enhanced by the addition of 2,311 cubic feet, 24,472 feet of film and 10,644 items.
- Fifty-eight percent of total acquisition transactions were donations, thirty-two percent were internal Smithsonian transfers, and eight percent were by “other” methods, while purchases and non-Smithsonian transfers totaled less than two percent.

Proper arrangement of collection material is essential to insure appropriate preservation and to facilitate the retrieval of information from the collection. To provide physical control and greater intellectual accessibility, archival holdings are most often arranged in hierarchical groups. Documentary materials are processed and arranged according to the basic archival principles of provenance and original order. Documentation occurs at many levels as circumstances warrant and resources permit: depository, record group, collection, series, file unit, and item or document. For some collections, such as photographic collections, arrangement by source and original order has limited importance. Available resources, collection content, research value, physical condition, and anticipated use are the primary factors affecting processing and arrangement.

- During 2001, 1,663 cubic feet, 3,368 items, and 1,906 feet of film were processed; reflecting both newly acquired and previously held materials.

With its 22 branch libraries and electronic resources available online, the Smithsonian Institution Libraries plays an essential role in the research conducted at the Institution and in its exhibitions and programs. The collections of nearly 1.5 million volumes with 40,000 rare books include especially strong holdings in most of the Institution's historical disciplines. These range from natural history, anthropology and Native American history and culture to the history of science and technology, modern and contemporary art, Asian and Middle Eastern art, American art, American history, aviation history and space flight, postal history, design and decorative arts, African art, museology, materials research, environmental management and ecology, and tropical biology. Scholars in many disciplines used the distinguished collections of manufacturers' trade literature (285,000 pieces representing 30,000 companies) and world's fairs materials. The collections in Latino history and culture and African American history and culture are growing steadily.

Beginning in FY 2001, the three art libraries at the Hirshhorn, American Art and Portrait Gallery, and the Freer and Sackler Galleries were integrated into the Smithsonian Institution Libraries (SIL) system. Subsequent to this integration adjustments were made in the collection totals of the three art libraries to reflect greater accuracy in counting methodologies. These adjustments account for the discrepancy in the overall collection total between 2001 and 2000.

Library Collection Totals

	2001 Volumes	2000 Volumes	1999 Volumes	1998 Volumes	1997 Volumes
Smithsonian Total	1,483,183	1,497,915	1,483,450	1,469,266	1,447,983
LIBRARIES					
FGA / AMSG		70,737	68,374	65,716	63,117
HMSG		55,354	53,504	52,351	50,049
SAAM / NPG		146,730	141,471	135,351	127,055
SIL	1,483,183	1,225,094	1,220,101	1,215,848	1,207,762

Volumes Added

	2001 Volumes	2000 Volumes	1999 Volumes	1998 Volumes	1997 Volumes
Smithsonian Total	19,921	17,322	21,431	26,180	24,467
LIBRARIES					
FGA / AMSG		2,363	2,658	2,599	2,243
HMSG		1,941	2,476	2,383	2,209
SAAM / NPG		5,259	6,121	8,300	7,810
SIL	19,921	7,759	10,176	12,898	12,205

During FY 2001, the Smithsonian's total library holdings were enhanced with the addition of 19,921 volumes.

See Section III for highlights of 2001 Library acquisitions.

Library materials are retained as long as they continue to serve the objectives and purposes of the Smithsonian and collecting unit, and can be properly and adequately stored, maintained, preserved, and used. When library materials become irreplaceably damaged, superseded by newer items, duplicated, or divergent from the collecting scope of the unit, they may be permanently withdrawn from the collection. The primary method of disposal is through gift, exchange, or sale, to another non-profit institution for continued use in research, exhibitions, or educational activities.

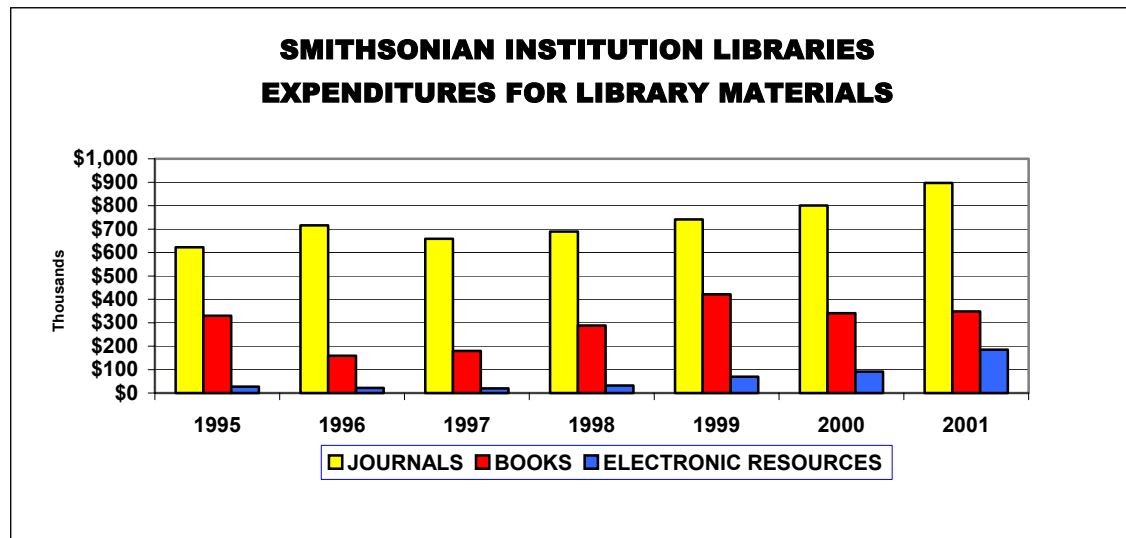
For this fiscal year, libraries of the Smithsonian withdrew a total of 1,832 volumes as a result of collection refinement. Materials were transferred to the Library of Congress and other educational institutions.

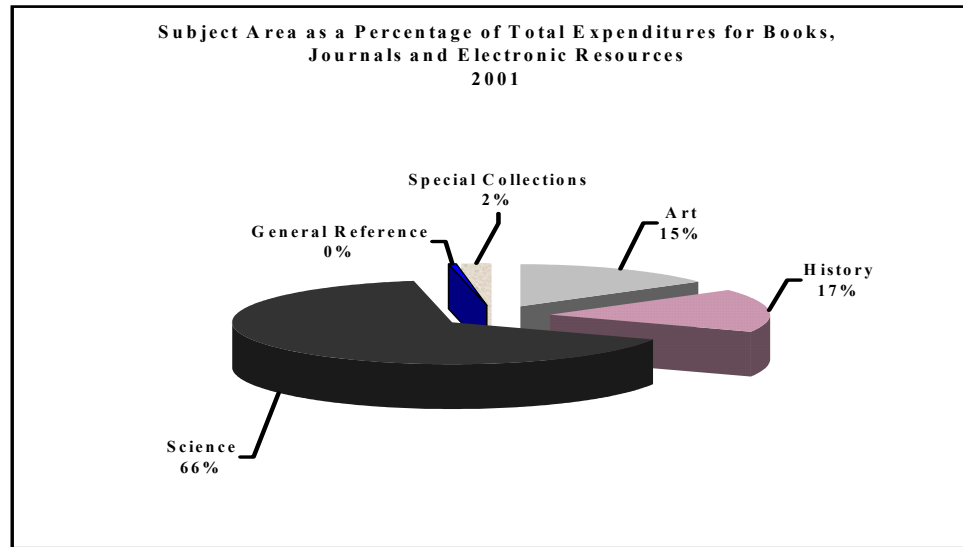
Current Journals

	2001	2000	1999	1998	1997
Total Journals	6,252	7,437	7,883	7,676	8,327
Purchased	3,113	3,955	4,155	3,903	4,161
Not Purchased	3,139	3,482	3,728	3,773	4,166

Subscription and book prices continue to increase that far exceed general inflation. Despite continuing inflationary pressure that caused purchase of scholarly books to decline, SIL maintained its level of support for science journal subscriptions and added several significant databases and hundreds of electronic journals especially valuable for researchers at a variety of Smithsonian research centers.

Expenditures





As in past years, more than 65% of SIL acquisitions expenditures were for print (books and journals) and electronic materials in the sciences.

Digitization

An important component of the Secretary's strategic agenda is achieving management excellence by modernizing management systems at the Smithsonian and bringing each of them to a level of quality and sophistication appropriate to a contemporary organization of its size and complexity. The Institution plans to:

- *leverage information technology to help modernize, financial, human resources, and collections management*
- *enhance public outreach through the World Wide Web*
- *add new capability by migrating automated information systems to a standards-based information technology infrastructure.*

Digitization means capturing both text and image information in electronic form, organizing it in a database, and making it accessible to Smithsonian staff and outside scholars for research purposes, to Smithsonian staff to help manage collections, and to the public for educational purposes.

Smithsonian Information Technology Plan, FY 2002 - 2007

The Smithsonian manages its collections – museum, archive and library holdings – through 9 million electronic collection records. A record may represent more than one object or specimen, as in the case with natural history and archaeological collections. A digital image exists for just over 1 million collection items that have electronic records. During FY 2001, Smithsonian collections information systems were enhanced by the addition of nearly 404,000 electronic records and 153,000 images.

Management Excellence

Collections Information Systems (CIS)

Number of object / specimen records available in electronic form in unit's CIS's.

	American Museums	International Art Museums	Science	Central Units	Total
Total electronic Records	2,608,868	112,446	5,504,713	783,401	9,009,428

Total electronic Images	520,670	38,500	466,275	42,030	1,067,475
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Number of object / specimens represented by

Total electronic Records	5,505,151	58,741	16,162,229	647,211	22,373,332
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Total electronic Images	500,049	37,719	465,998	26,236	1,030,002
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Management Excellence

American Museums International Art Museums Science Central Units Total

Collections Information Systems (CIS)

Total number of records / images added to systems during FY 2001

Total electronic records created / digitized and added during FY 01	225,927	5,940	132,472	39,539	403,878
Total electronic images digitized and added during FY 01	108,721	17,370	18,875	7,984	152,950
Total number of electronic records converted from legacy systems during FY 01	75,710	0	786,261	3,204	865,175

Public Impact



To carry out its mission for “the increase and diffusion of knowledge,” the Smithsonian promotes access to its collections and associated information through research opportunities, traditional and electronic exhibitions, educational programs and publications, reference systems, loan and exchange of collections, and electronic information services.

Smithsonian Directive 600: Collections Management

Museum Loans

Lending and borrowing collections for exhibition, research, and study is an integral part of the Smithsonian's mission by making museum collections accessible to the widest possible audience.

- Active incoming and outgoing loans totaled 18,411 transactions and 5,933,259 items.
- A total of 3,542 incoming and outgoing loan transactions, including 262,833 objects and specimens, were completed and returned.

Incoming and outgoing loan statistics presented below reflect loans initiated during each respective year.

Incoming Loans

- During 2001, the Smithsonian initiated over 1,609 new incoming loan transactions involving 136,660 objects and specimens.
- Sixty-six percent of incoming loans initiated were for study purposes, seventeen percent for identification, fifteen percent for accession consideration, and one percent for exhibition and other purposes.

Distribution of incoming loans by community reflects the following:

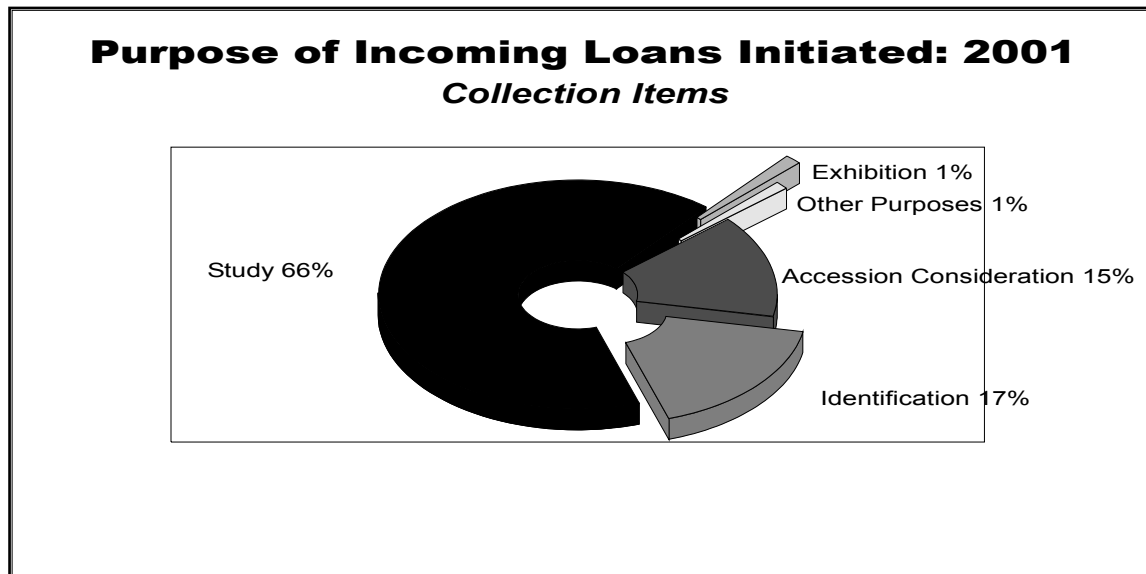
- The Art Community borrowed 2,499 objects through 356 transactions. Fifty-four percent of that total was for exhibition, forty-five for accession consideration, and one percent for and other purposes.
- The History Community reported 597 objects through 86 transactions. Ninety-eight percent were for exhibition and the remainder for study, identification, and accession consideration.
- Incoming loans for the Science Community totaled 133,564 objects and specimens through 1,167 transactions. Sixty-eight percent were for study, seventeen for identification, and fourteen for accession consideration. Exhibition and other totaled one percent combined.

Incoming Loans

	2001		2000		1999		1998		1997	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Smithsonian Total	1,609	136,660	2,065	332,408	2,046	111,209	2,051	91,170	2,244	90,562
ART	356	2,499	505	3,665	753	6,632	875	6,840	863	10,256
AMSG	50	548	64	796	78	1,188	90	1,103	64	5,401
C-HNDM	50	711	143	1,649	73	2,860	143	2,077	176	1,152
FGA	26	87	30	104	38	124	64	325	68	882
HMSG	41	213	66	333	86	156	17	258	17	124
NMAfA	34	303	33	231	13	273	15	137	67	119
NPG	46	140	39	60	186	797	206	1,069	203	963
SAAM	109	497	130	492	279	1,234	340	1,871	268	1,615
CULTURAL HISTORY	86	597	310	1,169	152	1,265	121	1,618	112	1,227
AM&CAAHC	11	165	226	490	64	286	49	459	33	179
NASM	13	32	9	24	1	12	14	17	6	146
NMAH	31	68	44	461	48	296	35	914	59	489
NMAI	6	138	3	49	3	567	N/R	N/R	4	392
NPM	8	77	7	64	15	33	21	224	8	14
HSD (Artifacts)	0	0	0	0	18	44	0	0	0	0
OAHP	17	117	21	81	3	27	2	4	2	7
NATURAL SCIENCE	1,167	133,564	1,250	327,574	1,141	103,312	1,055	82,712	1,269	79,079
NMNH	1,165	133,473	1,247	327,541	1,131	103,221	1,037	82,651	1,262	79,036
NZP	2	91	3	33	10	91	18	61	7	43
HSD (Living Plants)	0	0	0	0	0	0	0	0	0	0

Incoming Loans by Purpose

	2001		2000		1999		1998		1997	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Total Loans Initiated	1,609	136,660	2,065	332,408	2,046	111,209	2,051	91,170	2,244	90,562
Exhibition	177	1,953	552	3,334	554	4,421	512	5,031	439	3,035
Study	833	90,170	898	236,262	831	84,588	692	64,900	758	62,726
Identification	317	23,098	316	81,518	300	18,544	318	10,177	531	14,720
Accession Consideration	265	19,908	273	9,930	341	3,392	409	10,621	493	8,451
Other Purposes	17	1,531	26	1,364	20	264	120	441	23	1,630



Outgoing Loans

- The Smithsonian initiated 1,720 new outgoing loan transactions involving over 271,833 objects and specimens to nearly every state in the United States and to over 50 countries around the globe. Ninety-five percent of new outgoing loans were for study purposes, three percent for exhibition, two percent for identification, and one percent for other purposes.
- The Natural Science community dominated the outgoing loan total with an overwhelming ninety-seven percent (or 265,032 objects and specimens). The majority of this number is attributed to the Departments of Entomology and Invertebrate Zoology, NMNH, who loaned a total of 228,529 specimens for study.

Distribution of outgoing loans by community reflects the following:

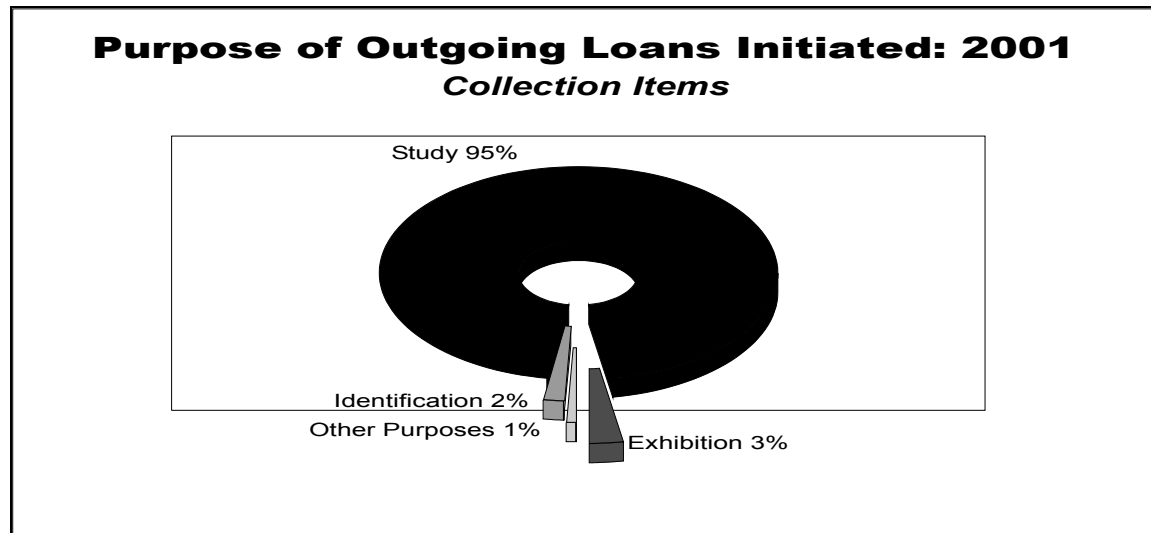
- The Art Community lent 2,382 objects through 208 transactions. Of that total, ninety-three percent were for exhibition purposes and seven percent were for other purposes including consignment and conservation. Eighty-seven percent of the objects lent for exhibition were reported by SAAM, followed by seven percent at HMSG.
- Outgoing loans for the History Community totaled 4,414 objects through 103 transactions. Eighty-seven percent were for exhibition purposes, four percent for identification, and nine percent were for “other” purposes.
- The Natural Science Community totaled 265,037 specimens through 1,409 transactions. The National Museum of Natural History dominated the outgoing loan total for the Institution with 1,404 transactions containing 265,032 objects and specimens. Of that total, ninety-six percent were for study, two percent were for identification, and two percent were for exhibition and other purposes.

Outgoing Loans

	2001		2000		1999		1998		1997	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Smithsonian Total	1,720	271,833	1,999	188,081	2,037	1,495,048	2,045	250,306	1,923	158,150
ART	208	2,382	140	1,750	186	1,685	195	1,670	193	1,648
AMSG	3	5	6	12	3	9	7	33	4	4
C-HNDM	11	47	11	35	13	61	8	28	12	59
FGA	0	0	1	1	3	21	3	3	3	3
HMSG	74	159	44	89	55	143	61	130	60	119
NMAfA	5	19	4	6	6	10	7	20	3	5
NPG	14	72	28	497	27	378	22	39	24	114
SAAM	101	2,080	46	1,110	79	1,063	87	1,417	87	1,344
CULTURAL HISTORY	103	4,414	129	1,159	143	5,506	103	9,565	145	3,626
AM&CAAHC	1	2	1	3	0	0	0	0	0	0
NASM	15	41	22	53	28	256	20	54	26	79
NMAH	66	846	94	1,036	83	606	73	5,551	103	962
NMAI	10	251	7	45	23	270	N/R	N/R	7	176
NPM	7	57	3	18	2	12	4	8	5	135
HSD (Artifacts)	3	3,216	1	1	4	4,357	5	3,948	4	2,274
OAHP	1	1	1	3	3	5	1	4	0	0
NATURAL SCIENCE	1,409	265,037	1,730	185,172	1,708	1,487,857	1,747	239,071	1,585	152,876
NMNH	1,404	265,032	1,728	185,169	1,705	1,487,854	1,743	239,064	1,581	152,870
NZP	5	5	2	3	3	3	4	7	4	6
HSD (Living Plants)	0	0	0	0	0	0	0	0	0	0

Outgoing Loans by Purpose

	2001		2000		1999		1998		1997	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Total Loans Initiated	1,720	271,833	1,999	188,081	2,037	1,495,048	2,045	250,306	1,923	158,150
Exhibition	324	7,835	275	2,994	350	7,498	301	6,514	365	6,851
Study	1,227	257,499	1,512	164,744	1,560	1,480,126	1,613	121,634	1,439	134,966
Identification	34	4,157	42	17,010	45	1,369	61	115,247	35	3,464
Other Purposes	135	2,342	170	3,333	82	6,055	70	6,911	84	12,869



<i>Geographic Distribution: Domestic</i>	<i>Incoming Loans</i>		<i>2001 Outgoing Loans</i>		<i>Incoming Loans</i>		<i>2000 Outgoing Loans</i>	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Alabama	13	574	14	526	4	30	7	132
Alaska	10	434	6	385	5	277	3	708
Arizona	11	185	20	412	15	240	21	1,170
Arkansas	2	2	5	81	4	38	4	648
California	137	8,379	149	48,049	170	15,372	140	13,917
Colorado	8	618	18	727	10	346	8	637
Connecticut	15	3,124	12	555	30	1,472	11	123
Delaware	3	1,290	0	0	7	36	4	585
District of Columbia	76	2,524	107	1,075	169	1,034	141	1,288
Florida	68	6,028	67	3,916	53	7,033	67	5,055
Georgia	10	61	14	291	18	56	14	449
Guam	0	15	0	0	2	11	1	9
Hawaii	23	775	13	12,400	13	2,238	27	223
Idaho	4	108	1	56	3	193	2	272
Illinois	37	786	40	1,520	64	2,661	30	1,729
Indiana	3	3	5	92	9	100	15	720
Iowa	5	27	12	1,220	2	5	9	2,531
Kansas	15	1,419	35	2,043	12	1,688	18	659
Kentucky	9	692	8	119	6	599	6	326
Louisiana	6	219	15	1,884	16	7,748	9	152
Maine	5	8	7	332	7	24	10	2,289
Maryland	50	1,111	29	1,264	69	488	50	1,456
Massachusetts	67	1,625	24	2,763	85	75,066	49	8,200
Michigan	16	226	33	1,148	29	281	27	2,646
Minnesota	12	142	13	1,093	20	1,531	15	978
Mississippi	9	2,089	7	403	12	1,330	12	342
Missouri	27	842	34	2,729	38	2,539	23	2,354
Montana	5	8,542	3	65	9	421	5	224
Nebraska	2	13	1	1	5	102	7	625
Nevada	2	2	0	0	1	11	0	0
New Hampshire	2	6	5	34	2	421	2	35

2001 Collection Statistics

Public Impact

New Jersey	10	11	11	1,058	9	44	11	6,595
New Mexico	22	405	29	257	5	20	10	122
New York	167	4,918	111	4,668	239	6,885	106	7,633
North Carolina	15	489	23	1,804	13	761	22	1,082
North Dakota	2	4	3	301	0	0	3	3,171
Ohio	23	234	48	1,312	13	45	41	770
Oklahoma	3	106	5	83	2	101	4	4
Oregon	6	240	18	458	9	44	11	85
Pennsylvania	52	2,325	33	941	55	760	48	2,939
Puerto Rico	7	1,982	1	31	2	14	2	5
Rhode Island	2	43	4	43	2	10	4	79
South Carolina	10	209	13	2,144	14	403	17	665
South Dakota	11	776	7	184	9	1,174	3	289
Tennessee	11	3,438	10	4,052	12	264	18	574
Texas	4	1,769	5	2,177	42	3,716	86	4,460
Utah	6	1,385	14	1,705	6	549	28	12,200
Vermont	2	2	1	54	0	0	0	0
Virginia	49	2,144	31	2,405	39	901	42	3,660
Virgin Islands	0	0	0	0	2	180	0	0
Washington	19	941	25	101,173	21	1,543	22	4,024
West Virginia	11	1,522	0	0	8	2,551	5	160
Wisconsin	9	1,096	14	1,797	11	728	20	5,441
Wyoming	3	3	3	95	3	53	1	28
TOTAL	1,096	65,911	1,106	211,925	1,405	144,637	1,242	104,469

<i>Geographic Distribution: International</i>	<i>Incoming Loans</i>		<i>2001 Outgoing Loans</i>		<i>Incoming Loans</i>		<i>2000 Outgoing Loans</i>	
	Trans	Items	Trans	Items	Trans	Items	Trans	Items
Argentina	9	271	19	664	9	201	22	1,098
Australia	20	784	33	5,563	39	2,113	41	2,467
Austria	6	798	13	3,492	8	300	8	671
Belarus	1	89	2	1,477	0	0	1	478
Belgium	9	364	13	357	6	276	10	4,107
Bolivia	4	5,181	0	0	1	25	0	0
Brazil	32	3,202	20	1,055	35	3,830	73	5,969
Canada	46	2,313	69	6,197	59	6,916	96	16,884
Chile	5	46	2	71	6	42	3	205
China, (People's Republic of)	4	167	4	649	2	22	3	28
Columbia	6	173	6	669	6	610	6	569
Costa Rica	17	7,936	1	1	11	7,770	2	15
Cuba	9	271	1	13	0	0	0	0
Czechoslovakia	0	0	5	294	1	1,601	5	730
Denmark	10	1,304	10	1,190	26	2,508	9	129
Dominican Republic	2	90	0	0	2	16	0	0
Ecuador	4	11,349	0	0	1	1	4	29
Finland	4	13	5	197	1	10	3	10
France	17	751	35	774	23	894	34	335
Germany	26	1,020	51	3,256	36	15,989	64	4,017
Greece	0	0	1	2	1	200	1	1
Honduras	0	0	0	0	2	174	0	0
Hungary	3	3,864	1	121	1	4	4	14
Iceland	1	9	3	44	4	565	1	85
Iran	0	0	0	0	1	79	0	0
Ireland	0	0	1	15	2	16	2	2
Israel	6	3,962	2	31	7	89	9	68
Italy	7	84	11	4,153	6	46	13	1,927
Jamaica	0	0	1	4	1	9	1	21
Japan	14	189	41	7,663	20	186	50	2,370

2001 Collection Statistics

Public Impact

Mexico	4	48	14	1,596	9	341	18	1,940
Netherlands, The	28	2,083	12	625	40	1,770	21	7,550
New Zealand	4	26	11	1,167	9	1,039	17	1,344
Nicaragua	1	16	0	0	3	85	0	0
Norway	0	0	6	2,145	7	105	2	69
Panama	3	288	3	106	3	694	6	382
Papa New Guinea	1	14,000	0	0	0	0		
Poland	1	109	8	2,000	1	28	15	3,687
Peru	4	208	0	0	7	138,456	1	192
Russia	3	62	11	2,185	4	658	19	1,945
South Africa	16	107	11	318	7	293	10	125
Spain	7	475	20	374	9	127	20	940
Sweden	9	67	14	1,216	13	1,003	9	694
Switzerland	19	2,033	8	151	9	487	21	1,559
Turkey	0	0	0	0	2	206	1	31
United Kingdom	60	3,008	69	3,781	90	3,596	63	2,953
Venezuela	11	270	5	43	19	627	6	559
Zimbabwe	0	0	0	0	11	178	7	170
Other	24	6,396	29	3,004	9	5,199	22	2,924
TOTAL	457	73,426	571	56,663	569	199,384	726	69,304

Collections-Based Research

For Example

Research has been an essential function of the Smithsonian since its conception. At the National Museum of Natural History, for example, the more than 124 million specimens and artifacts provide a focal point for collections-based research conducted by museum scientists, federal agencies and other researchers from around the globe. The museum operates the largest and most comprehensive program of basic research in systematics in the world, founded on excellence in research, enormous and well-managed collections, and wide-ranging field investigations.

The research and collections at NMNH are vital to understanding the world around us. There is broad international recognition in the science and policy communities of the seriousness of the global biodiversity crisis and the need for coordinated international conservation efforts. The NMNH biology collections form the world's single largest collection of biodiversity. These collections and their associated data are of direct relevance to understanding biodiversity, how biodiversity has changed in recent and geological time, human impact on the environment, and climate change. As large as NMNH's collections are, they are only a fraction of what is needed to fully understand biodiversity. Our knowledge of the origin, maintenance, and loss of biodiversity is not yet adequate to ensure that current conservation strategies can successfully meet the challenge of rapid global change.

Museum collections provide an invaluable and unique reference base for research with formidable results. For example, the U.S. Department of Agriculture recently used the insect collections at the National Museum of Natural History in establishing their quarantine boundaries to contain the spread of the Asian longhorn beetle in

New York and Illinois and limit its potential devastation of U.S. forests.

NMNH continues to serve as the major repository of choice for federally-associated collections and collections made by the wider scientific community. The confidence in NMNH's stability and standard of care, highlighted by recent transfers of botanical material from the National Cancer Institute, biological materials from the Minerals Management Service, deep-sea cores from the Oceanographic Drilling Program, and others, demonstrates that NMNH is a national collections center.

Archival Research and Reference

Archival repositories continue to make collection holdings readily available to researchers and the general public through research and reference service, finding aids, duplication, microfilm, reproduction, audio recordings, and loans. Reference is the process of making information about or from the holdings of an archival repository available to its users.

During 2001, Smithsonian archival units responded to 36,504 reference requests and research visits. Of that total, forty-four percent of the requests were written correspondence, thirty-three percent were by phone, sixteen percent of the requests were daily visits, and seven percent were through interlibrary loan requests.

Reference Transactions

	<i>2001</i>	<i>2000</i>	<i>1999</i>	<i>1998</i>	<i>1997</i>
Smithsonian Total	36,504	42,531	49,537	49,958	38,677
ARCHIVES					
AAA	10,346	12,991	10,725	11,705	14,049
AC	4,323	6,180	5,516	6,250	6,139
CEROS	1,467	1,227	1,186	1,011	1,508
CFCH	1,762	N/R	N/R	13,115	N/R
CWPP	N/R	84	N/R	N/R	N/R
EEPA	762	761	568	1,100	640
FSGA	813	763	696	1,151	513
HSD	659	556	824	54	169
HSFA	2,214	2,174	1,481	991	927
NASA	7,999	7,588	8,792	8,302	8,862
NAA	1,677	6,749	15,803	3,298	3,128
NMAI	N/R	N/R	N/R	N/R	60
SIA	4,482	3,458	3,946	2,981	2,682

The range and diversity of research transactions are suggested but hardly encompassed by the following examples:

Archives of American Art

Listed below are publications released during FY 2001 where significant research was done in AAA holdings:

Leon Golub: Echos of the Real by Jon Bird (London: Reaktion, 2000).

In Search of the Promised Land by Gerald L. Carr (New York: Berry-Hill Galleries, Inc., 2000).

The Art of National Geographic by Alice A Carter; foreward by Stephen Jay Gould; afterword by Christopher P. Sloan (Washington, DC: National Geographic Society, 2000).

Visions of Adventure: N. C. Wyeth and the Brandywine Artists. A collection of paintings by Howard Pyle [et al.]. Edited by John Edward Dell in association with Walt Reed; essays by Douglas Allen [et al.] (New York: Watson-Guption Publications, 2000).

The Floor of the Sky: Artists and the North American Prairie by Charles C. Eldredge (Lincoln: Hixson-Lied College of Fine and Performing Arts, University of Nebraska - Lincoln, 2000).

Seeing Through Paintings: Physical Examination in Art Historical Studies by Andrea Kirsh and Rustin S. Levenson (New Haven: Yale University Press, 2000).

Pop Art by David McCarthy (Cambridge: Cambridge University Press, 2000).

American Tradition in Painting by John McCoubrey (Philadelphia: University of Pennsylvania Press, 2000).

American Twentieth Century Watercolors at the Munson-Williams-Proctor Arts Institute by Mary E. Murray; with contributions by Gail Levin [et al.] (Utica, NY: Munson-Williams-Proctor Institute, 2000).

Jacob Lawrence: Paintings, Drawings, and Murals (1935-1999): A Catalogue Raisonné by Peter T. Nesbett, Michelle DuBois; with assistance from Stephanie Ellis-Smith (Seattle, WA: University of Washington Press in association with Jacob Lawrence Catalogue Raisonné, 2000).

Eyewitness: Reports from an Art World in Crisis by Jed Perl (New York: Basic Books, 2000).

A Charmed Couple: The Art and Life of Walter and Matilda Gay by William Rieder (New York: Harry N. Abrams, 2000).

Impressionism Transformed: The Paintings of Edmund C. Tarbell organized by Susan Strickler; with contributions by Linda J. Docherty and Erica Hirschler (Manchester, NH; Hanover, NH: Currier Gallery of Art; Distributed by the University Press of New England, 2001).

Land American Leaves Wild by Diana Wege; introduction by Judith Sobol (Washington, DC; Grand Rapids, MI: Grand Rapids Art Museum; Wilderness Society, 2000).

The AAM Guide to Provenance Research by Nancy H. Yeide, Konstantin Akinsha, Amy L. Walsh (Washington, DC: American Association of Museums, 2001).

Archives Center, NMAH

NMAH staff members Peter Liebhold, Alison Oswald, and Steve Lubar drew heavily on AC holdings for *From Turbines to Tupperware*, an exhibition at Moravian College. Emerita Curator Edie Mayo found much of value for *Enterprising Women*, an exhibition at Harvard's Schlesinger Library opening October 2002. John Fleckner, chief archivist, gave a talk on the Scurlock photographic studio based

on its records. Laurie Kahn-Leavitt's forthcoming PBS documentary on Tupperware and the history of the 1950s makes extensive use of the Center's paper and moving image collections. Other major research projects included: Sheila Nickerson, *Midnight to the North* (Penguin/Putnam, 2002); and Jonathan Sterne, *The Audible Past* (Duke University Press, 2002).

Center for Electronic Research and Outreach Services, NPG

NPG and Smithsonian staff used the Center's resources for the *History Wired* Web site; NPG's *Civil War@Smithsonian* Web site; NPG's exhibition, catalogue and Web area, *George Washington: A National Treasure*; an exhibition on the artist Gilbert Stuart at the Metropolitan Museum of Art; and an exhibition on army officers at West Point.

Other research was conducted for a TV documentary on Abraham Lincoln; several school text books; a BBC production on the American War of Independence; an article on John Sartain; an article on Williamsburg history; an article on the Potomac River Canal history; and a publication on the history of the U.S. Department of State.

Charles Willson Peale Papers, NPG

New research for Volume 6 of *The Selected Papers of Charles Willson Peale and His Family*.

Eliot Elisofon Photographic Archives, NMAfA

Christraud M. Geary, Curator of the EEPA, continued her research in preparation for an essay on the visual representation of Madagascar for a 2002 exhibition to be held at NMAFA. Her essay "Views from the Outside and the Inside: Representations of Madagascar and the Malagasy (1648-1935)" will appear in *Objects as Envoys: Cloth, Imagery and Diplomacy in Madagascar* (co-editors: Christine Mullen Kreamer and Sarah Fee) and will be published by the University of Washington Press. In addition, Geary conducted research on photography in the Belgian Congo and other parts of Central Africa in preparation for a NMAFA exhibition on Casimir d'Ostojka Zagorski (1893-1944), scheduled to open in December 2002. Eighty-percent of the images will be drawn from EEPA collections. In April,

"Destination Smithsonian: King Leopold's Congo" was published on the Smithsonian Magazine website.

Geary continued to coordinate research for a Scholarly Studies Grant from the Office of Fellowships and Grants "Object and Image: Representing African Art in Modernist Photography," which will end in FY 2002. She is also part of the research team, which was awarded a Collaborative Research Grant by the Getty Foundation, to carry out research about the Bamum kingdom in Cameroon. Geary published a photographic essay of her own photographs entitled "Photographing in the Cameroon Grassfields" (*African Arts* 33, 3, pp. 70-77). The images are part of the EEPA collections.

Freer Gallery of Art and Arthur M. Sackler Gallery Archives

The Ernst Herzfeld Papers were highlighted during a three-day symposium, “Ernst Herzfeld and the Development of Near Eastern Studies, 1900–1950,” held at the Galleries from May 3 to 5, 2001 in conjunction with the exhibition entitled, *Persepolis: Documenting an Ancient Iranian Capital, 1923-1935*, held in the Arthur M. Sackler Gallery from December 3 – May 6, 2001.

During a short-term visitor fellowship in January 2001, Ali Mousavi of the University of California Berkeley consulted the Ernst Herzfeld Papers for his doctoral research on the history of Iranian archaeology, focusing on Herzfeld’s role in the abolition of the French monopoly of archaeological excavations in Iran.

The Archive’s noteworthy holdings of photography of Japan, such as the Rosin Collection, provided visual documentation for researchers preparing a variety of projects, including a book on the study of Japanese aesthetic in décor; a forthcoming documentary video on sumo wrestling in Japan and Hawaii; and a forthcoming book on Madame Butterfly.

The Freer Papers continued to be the most frequently consulted collection during the reporting period, utilized by curators, graduate students, and biographers. Study topics included Charles Lang Freer’s interest in Korean objects; his acquisitions of Indian manuscript paintings; works by the Japanese painter Kanō Tomonobu; the life of Whistler; Whistler, women and fashion; and Edward Steichen in France.

Selected publications by authors using research and visual materials from archives collections included: *Frank Lloyd Wright and the Art of Japan: The Architect’s Other Passion* by Julia Meech (New York: Japan Society and Harry N. Abrams, 2001); *India through the Lens* edited by Vidya Dehejia (Washington, D.C.: Freer Gallery of Art and Arthur M. Sackler Gallery in association with Mapin Publishing, Ahmedabad and Prestel, Munich, 2000); “Au Bonheur des Amateurs: Collecting and Exhibiting Islamic Art, ca. 1880-1910” by David J. Roxburgh, *Ars Orientalis* XXX (2000): 9-38; and “Color, Life, and Moment: Early Chicago Collectors of Chinese Textiles” by Elinor Pearlstein, *Museum Studies* (The Art Institute of Chicago) 26, no. 2 (2000): 80-93.

Horticulture Services Division

Research was undertaken by the curator of the upcoming SITES exhibit, *Feast Your Eyes: The Unexpected Beauty of Vegetable Gardens*, which is slated to open a five-year tour in September 2002. The curator reviewed documentation for approximately 50 gardens included in the Archives of American Gardens and chose 70 images for use in the exhibition and accompanying book to be published by the University of California Press.

Other research included: an article on rock gardens published in the July / August 2001 issue of *Old-House Journal*; articles on AAG published in the *Wave Hill Newsletter* (*Catalog of Landscape Records*

in the United States), the *Kansas City Star*, and the *Pittsburgh Post-Gazette*; research on a Historic Landmark Nomination for the Longue Vue House and Gardens in New Orleans, the historic landscape report for the U.S. Capitol Grounds, HSD planning for a Heirloom Garden at NMAH, and historic postcard views of Smithsonian museums for an exhibit by the SI Archives.

HSD images were used for a number of outreach activities including the newly expanded HSD and AAG website, a March 2001 on-line article in the Smithsonian Journey’s website on Smithsonian gardens, a

visitor brochure about the Enid A. Haupt Garden, and a film segment by PBS on the Victory Garden at NMAH.

Human Studies Film Archives, NMNH

Significant research in the HSFA collections included Smithsonian fellow Joshua Bell's use of the Matthew Stirling's 1926-27 footage shot in New Guinea in his material culture research of coastal New Guinea cultural groups; Dr. Harvey O'Brien's research of footage of Ireland or transplanted Irish traditions for his research on depiction of

the Irish culture through documentary films and ongoing research of the Yanomamo audio tapes (1968 and 1971) which are cited in Patrick Tierney's controversial book *Darkness in El Dorado: How Scientists and Journalists Devastated the Amazon*.

National Air and Space Archives

A list of publications where significant research was conducted in the Archives:

Tomboy of the Air: Daredevil Pilot Blanche Stuart Scott (book) by Julie Cummins, published by Harper Collins.

2001: Building for Space Travel edited by John Zukowsky, published by The Art Institute of Chicago.

"Post-War Trans-Atlantic Propliners, Part One" by Peter Berry, published in *Propliner*, No. 83, Summer 2000, "Post-War Trans-Atlantic Propliners, Part Two" by Peter Berry, published in *Propliner*, No. 85, Winter 2000.

"Procedures and Problems: Restoration and Handling of Air and Space Artifacts at the Paul E. Garber Facility" (symposium paper) by Anne McCoombs.

Living with Cannibals and Other Women's Adventures (book) by Michele Slung, published by National Geographic.

"Amelia Earhart" (poster providing information relating to classroom play) staged by Theatre IV, Richmond, VA.

Bessie Coleman: First Black Woman Pilot (children's book) by Connie Plantz, published by Enslow Publishers, Inc.

"Politics of Blind Landing" (article) by Erik M. Conway published in *Technology & Culture*.

"Mars Revealed" (map supplement to article) in February 2001 *National Geographic* magazine.

Capital IA: Society for Industrial Archaeology 2001 (monograph) edited by Sarah Amy Leach, published by National Park Service.

Yankee Doodle Gals: Women Pilots of World War II (book) by Amy Nathan, published by National Geographic Society.

Lyrical Aviators: Traveling America's Airways in a Small Plane (electronic book version) by Sandra McClinton, published by Whistling Swan Press.

"Flypast #1: The Wings of Man" (television production), directed by Monte Markham, produced by Perpetual Motion Films.

Kit Saves the Day: A Summer Story (book) by Valerie Trip, published by Pleasant Company Publications.

"Follow Your Dream: The Bessie Coleman Story" (film), produced by KPCT Public Television.

"Visiting Garber" (article), published in *Air Museum Exchange* newsletter.

"Some Like It Cold" (article) in *Cabinet Magazine* Summer 2001
The Few, The Proud, The Bankrupt (book) by K. R. Wright, published by Audenreed Press.

Age of Inventions (book) by Ann Rossi, published by National Geographic Society.

Advertising for Avanti Polar Lipids.

"Curtiss 4340cc V8" (article), published in *Performance Bikes Magazine*.

Peenemunde: The Extraordinary Story of Hitler's Secret Weapons V-1 and V-2 by Guido De Maeseneer, published By AJ Publishing.

National Anthropological Archives, NMNH

Collections were closed during FY2001 with a minor exception within the Department of Anthropology. The Departmental linguist, Ives

Goddard, and his staff continued selected research on Fox language materials in the early part of the year.

Smithsonian Institution Archives

The Remington Kellogg papers were used by Kurk Dorsey, historian from the University of New Hampshire, for research on a diplomatic history of the International Whaling Commission; the papers of S. Dillon Ripley and other Smithsonian officials were studied by Michael Lewis, historian at Salisbury State University, for a monograph on the

history of 20th century field ecology; and the papers of Charles Valentine Riley and other entomologists were studied by William Leach, historian at Columbia University, for a monograph on nature in the American imagination.

Monographs using SIA resources include:

Henry Albers, editor, *Maria Mitchell – A Life in Diaries and Letters*.

Catharine Bell, editor, *Encyclopedia of World Zoos*.

Julie K. Brown, *Making Culture Visible: Photography and Its Displays at Industrial Fairs, International Expositions and Institutional Exhibitions in the United States, 1847-1900*.

Rinker Buck, *If We Had Wings: The Enduring Dream of Flight*.

John B. Dwyer, *To Wire the World: Perry M. Collins and the North Pacific Telegraph Expedition*.

Patricia Pierce Erikson, *Riding in Their Canoe: Memory and Contemporary Identity Resonate at the Makah Cultural and Research Center, Neah Bay, Washington*.

Dan L. Fischer, *Early Southwest Ornithologists, 1528-1900*.

Hyungsook Kim, *Museums and Communication*.

Barbara Kirshenblatt-Gimblett, *Destination Culture: Tourism, Museums and Heritage*.

Marc Rothenberg, editor, *History of Science in the United States: An Encyclopedia*.

Dick Russell, *Eye of the Whale*.

Donald Worster, *A River Running West: The Life of John Wesley Powell*.

Ellis L. Yochelson, *Smithsonian Institution Secretary, Charles Doolittle Walcott*.

Articles that appeared in edited works include:

- Pamela M. Henson, "The Smithsonian Goes to War: The Increase and Diffusion of Scientific Knowledge in the Pacific."
Richard A. Howard, "The Role of Botanists During World War II in the Pacific Theatre."
Molly Lee, "Contact and Contest: The History of the Alaska Commercial Company."

Articles that appeared in journals included:

- Dean C. Allard, "Spencer Baird and Support for American Marine Science."
Silvio A. Bedini, "Edward Kubel (1820-1896) Washington D.C. Instrument Maker."
Kevin J. Fernlund, "William Henry Holmes and the Archaeology of the American Southwest."
Paul Kramer, "Making Concessions: Race and Empire Revisited at the Philippine Exposition, St. Louis, 1901-1905."
Ronald Rainger, "Science at the Crossroads: The Navy, Bikini Atoll, and American Oceanography in the 1940s."
Victor G. Springer, "Kumataro Ito, Japanese Artist on Board the U.S. Bureau of Fisheries Steamer Albatross During the Philippine Expedition, 1907-1910."

M.A. Thesis and Ph.D. dissertations included:

- Michael F. Conlin, "Science Under Siege: Joseph Henry's Smithsonian, 1846-1865."
Patricia Pierce Erikson, "Encounters in the Nation's Attic: Native American Community Museums / Cultural Centers, the Smithsonian Institution and the Politics of Knowledge-Making."
Oz Frankel, "States of Inquiry: The Politics, Rituals, and Texts of Social Investigations in Britain and the U.S., 1830-1870."

- David Hochfelder, "Taming the Lightning: American Telegraphy as a Revolutionary Technology, 1832-1860."
Hyungook Kim, "Objects and Knowledge: A Historical Perspective on American Art Museums."
Joanne M. Gernstein London, "A Modest Show of Arms: Exhibiting the Armed Forces and the Smithsonian Institution, 1945-1976."
H. Glenn Penny, III, "Cosmopolitan Visions and Municipal Displays: Museums, Markets, and the Ethnographic Project in Germany."

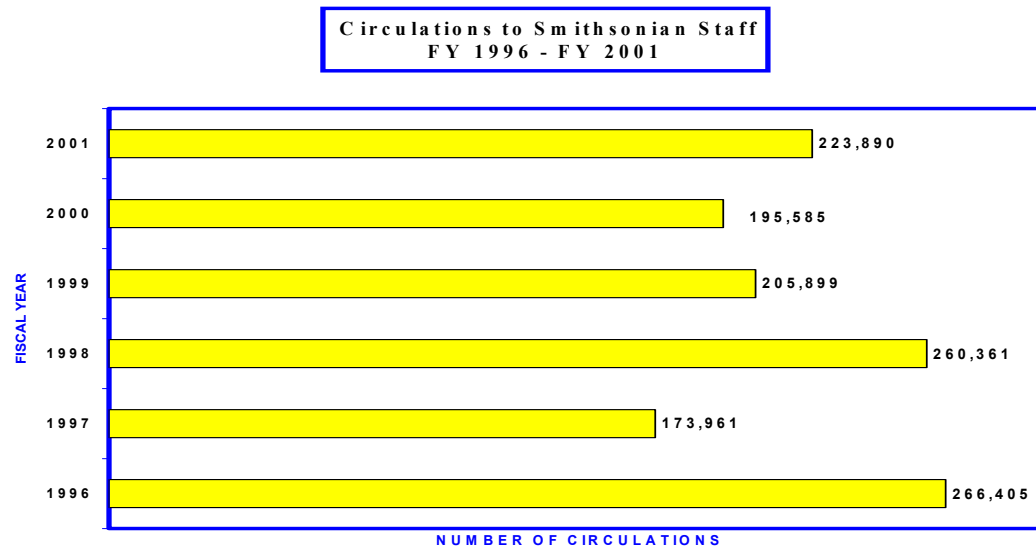
The most significant research project for SIA's Institutional History Division was the Legal History of the Smithsonian Institution. All United States Statutes that apply to the Smithsonian were identified and an MS Access database was created for bibliographic records identifying each legal document to be transferred into SIRIS. Over 2,000 legal documents have been identified and copied.

SIL Interlibrary Loans

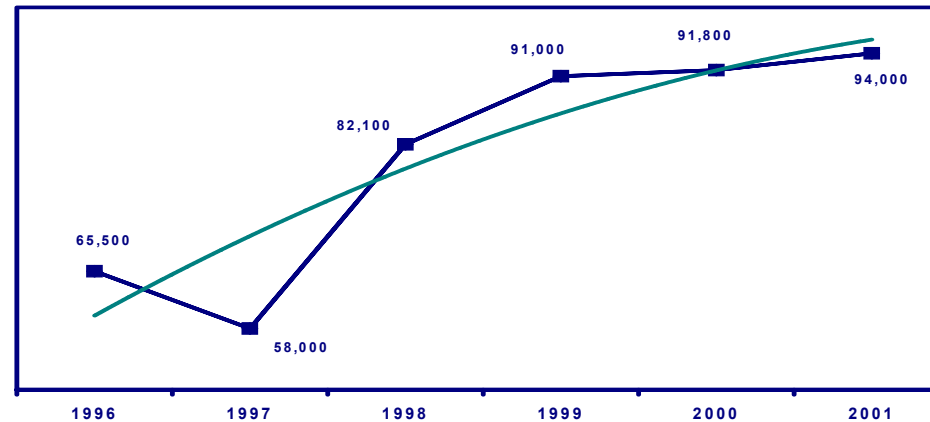
2001 Interlibrary Loans	Trans	Titles Provided	Trans	Titles Received	Total Transactions	Total Interlibrary Loans
SIL	12,888	9,064	8,180	7,680	21,068	16,744

The Smithsonian Institution Libraries offers information resources to Institution staff, visiting researchers, and the public through on-site collections and electronic services. The library catalog is on the Internet, accessible through the Smithsonian Institution Research Information System (SIRIS), and many volumes are available to the public through interlibrary loan.

During FY 2001, Smithsonian Institution Libraries conducted interlibrary loans of 16,744 titles and 94,000 reference transactions from library users around the country. SIL Branch staff provided Smithsonian staff 91,320 titles through 223,890 circulation transactions.



Reference Questions FY 1996 - 2001



In 5 years, the number of reference questions answered by SIL staff rose 44%.

SIL Research

Dibner Library Resident Scholars

Jill H. Casid – “Necromancy of Empire: The Magic Lantern and Technologies of Projection, 1650-1850”

Richard Cunningham – “Image and Text in the Education of English Mariners”

Bertrum H. MacDonald – “Rhetoric and Reality: Was Science Borderless in the Victorian Era?”

Alberto Martinez – “A History of Modern Kinematics”

Baird Society Resident Scholars

Joao Felipe Goncalves – “The Presentation of Brazil at World’s Fairs and Expositions: 1851-1914”

Christine O’Malley – “American Industrial Designers and the Challenge to Architecture, 1925-60: World’s Fairs”

SIL staff researched and produced both a print and electronic guide and digital Website for the historical sewing machine trade literature in the Smithsonian Libraries, the NMAH Archives Center and the NMAH Textiles Division.

Smithsonian Institution Traveling Exhibition Service (SITES)

During FY 2001, the Smithsonian Institution Traveling Exhibition Service (SITES) circulated 53 exhibitions containing 1,401 objects to 200 exhibitors in the United States and Canada. Thirty-three of these exhibitions were based on Smithsonian collections and/or research. Fourteen exhibitions opened and four ended their tours.

In keeping with the mission to bring the Smithsonian to the nation, SITES renewed its commitment to circulating exhibitions from the national collections. Work started on collaborations with the National Museum of American History and the loan process was initiated for *The American Presidency*, *Lunchbox Memories*, *First Ladies*, and *Sports*. Among the fourteen exhibitions opening in FY 2001, ten represent Smithsonian collections and research (*).

Further enhancing SITES' commitment to reaching a wider audience for its exhibitions, collaborations beyond the National Mall continued to enable SITES to reach communities across the nation that do not otherwise have access to Smithsonian collections and research. The ongoing partnership with the Federation of State Humanities Councils, known as *Museum on Main Street (MoMS)*, circulated multiple copies of three small exhibitions to rural cultural centers with limited resources, staff, budgets, and space.

Exhibitions in the collaboration consist of freestanding units that can be arranged in a variety of configurations. The units require no tools or hardware to assemble and come in lightweight polyurethane crates with wheels and handles for easy mobility. Each contains some objects purchased for the exhibition, as well as graphic panels. Exhibitors in the program have access to the same educational materials prepared for the original, larger versions of the exhibitions.

During this reporting period, four copies of *Barn Again! Celebrating an American Icon* (based on an exhibition originally developed by the National Building Museum) were presented in twenty-three (23) venues in Delaware, Michigan, South Dakota, Iowa, Illinois, Ohio, New York, and Washington. Four copies of *Produce for Victory: Posters on the American Home Front, 1941-1945*, an exhibition based on posters from the National Museum of American History (NMAH) circulated to eleven (11) venues in Missouri, Wisconsin, Florida, Pennsylvania, Texas, Nebraska, North Carolina, Mississippi, Tennessee, and Louisiana. Finally, five copies of *Yesterdays Tomorrows: Past Visions of America's Future*, based on a 1984 collaboration between SITES and NMAH, circulated to twenty-three (23) venues in Michigan, Georgia, Missouri, Utah, and Florida.

SITES exhibitions opened during FY 2001

(* Asterisk denotes exhibitions based on Smithsonian collections and/or research)

**Americanos: Latino Life in the United States (II)*. From the Center for Latino Initiatives (Mississippi; Massachusetts)

**Anteaters: Fast Food Specialists*. From the National Museum of Natural History (2 venues in California; New York; Texas)

**Burgess Shale: Evolution's Big Bang*. From the National Museum of Natural History (Canada)

Out of Time: Designs for the 20th-Century Future (Washington; 2 venues in Michigan; New York; Wyoming)

Small Wonder: World in a Box (Michigan)

**Southern Africa 1936-1949: Photography by Constance Stuart Larrabee*. From the National Museum of African Art (Virginia; Florida; Louisiana New York)

Star Wars: Art of the Naboo Starfighter (District of Columbia; Kansas)

**Vanishing Pollinators*. From the National Zoological Park (Oregon)

Vietnam: Journey of the Heart, Photographs by Geoffrey Clifford, 1985-2000 (Florida)

**Yesterdays Tomorrows: Past Visions of the American Future for the State Humanities Council*. From the National Museum of American History. (6 venues in Florida; 4 venues in Michigan; 4 venues in Missouri; 5 venues in Georgia; 4 venues in Utah)

Digitization

Digitizing collections, archives, library, and research information can help the Smithsonian achieve its goals of dramatically enlarging its audiences and degree of engagement, enhancing its scientific research, and modernizing its collections management. Combined with electronic delivery over the Web, digitizing affords the Institution the opportunity to expand its educational mission by delivering the Smithsonian to every school and home across the country.

Furthermore, researchers around the world who use the collections for scientific purposes – to identify species, to assess the biodiversity of a region, to study geological processes and history – will be able to access data from their desktop computers. This resource is as important to scientists, as it is to researchers and students in the arts and humanities.

Smithsonian Information Technology Plan, FY 2002-2007

Smithsonian collecting units are making collections more accessible by creating electronic catalogs and web-based information systems that consolidates a wide range of data and images previously held in disparate locations. At the close of FY 2001, over 5.2 million objects and specimens were available in electronic form to the public through 2.4 million records and 90,500 images. During the course of the year, nearly 113,500 electronic records and 37,400 images were added to public access systems.

<u>Public Impact</u>	American Museums	International Art Museums	Science	Central Units	Total
Public Access Systems					
Total number of objects / specimens available in electronic form to the public	593,694	58,281	3,964,590	636,793	5,253,358
Number of electronic records available to the public	806,834	58,281	904,044	641,276	2,410,435
Number of electronic images available to the public	36,410	9,833	15,830	28,438	90,511
Number of electronic records added to public access system during FY 2001	23,945	15,495	50,497	23,553	113,490
Number of electronic images added to public access system during FY 2001	13,787	9,833	8,100	5,655	37,375

2001 Acquisition Highlights



The Smithsonian requires responsible, disciplined acquisition of collections through the following principles:

- *the acquisition of collections relevant to the mission and goals of the Smithsonian and individual collecting unit*
- *the establishment and periodic review of collecting scope statements which define collecting goals and objectives*
- *clear delegation of collecting authority within collecting units*
- *the use of formalized acquisition evaluation criteria*
- *strict adherence to professional ethics and all applicable laws and regulations relating to collections acquisition.*

Smithsonian Directive 600: Collections Management

Museum Accession Highlights

Anacostia Museum and Center for African American History and Culture

- An original photograph by local artist, Alma Thomas, documenting the history of the District of Columbia.
- Two photographs by the prestigious photographer Nester Hernandez, documenting life in Washington, D.C.
- A collection of memorabilia documenting the theatrical and film career of African American actor, Robert Guillaume. This collection of 237 personal objects contributes to the museum's mission of collecting performing arts history. Gift of Robert and Donna Guillaume.

Arthur M. Sackler Gallery

- Yoshida Hiroshi (Japan, 1876-1950), group of sixty-two woodblock prints. This completes a donative purchase agreement with Mr. H. Ed Robison for the acquisition of his collection of the entire woodblock print output of Yoshida, one of the major 20th century Japanese printmakers.
- Wang Yachen (China, 1894-1983), group of 20th century calligraphies by Wang Yachen, and seals carved for Wang by other artists, ink on paper and stone. This group adds to the Gallery's growing collection of works by modern and contemporary Chinese calligraphers and artists, as well as the seal used by them in their work. Gift of Benjamin Chou in memory of Wang Yachen.
- Malekeh Nayini (Iran, born 1955), three untitled computer-generated photographs, 1997-98. The Sackler Gallery has been actively acquiring contemporary art by Asian makers to expand the public's understanding of continuing and changing Asian cultures. Museum purchase.
- South-Central China, Chu culture, Tomb guardian, late Eastern Zhou period, 4th century B.C., painted wood and deer antler. This object is a great addition to the core gift of Dr. Sackler. It was originally part of his collection and later sold by the Estate. It is a beautiful example of ancient Chinese tomb goods and complements the other works in bronze and jade. This was a gift of a member of the Friends of Asian Art, a support group of the Freer and Sackler. The donation was made in honor of the most recent curator of Ancient Chinese Art. Gift of Thomas Colville in honor of Jenny Lo.
- Hirai Koshu (Japan, 1881-1935), covered box (tebako) with design of hemp palm leaves, 1924-30, lacquer, gold, wood, and pewter. The Gallery has looked to purchase objects following traditional methods but made in modern times. This Japanese lacquer box from the 1930s shows a blend of Japanese and western styles. Museum purchase.
- India, "Bird's Eye View of the Taj Mahal at Agra," 1790-1810, pen and opaque watercolor on paper. The Sackler's collection of Indian painting is small but growing. This unusual view of

the Taj Mahal complements the Gallery's sponsorship of studies in Mughal garden design. Museum purchase.

- Ida Shoichi (Japan, born 1941), "Between Rising and Falling Energy, No. 29," 1994, Shigaraki stoneware clay with green

and yellow luster Lazes. The Sackler has been concentrating on assembling works by contemporary Japanese potters. The Gallery also owns several prints by this prominent artist. Museum purchase.

Cooper-Hewitt National Design Museum

- Archive of Ladislav Sutnar, "Build the Town," Ladislav Sutnar, 1941, U.S.A., drawings-pencil and ink on trace & paper with two envelopes. The drawings directly relate to a "Build the Town" set of blocks now part of the Applied Arts Department, filling gaps in museum's Sutnar collection - which has other supplemental material on this project. It is in itself an innovative design object that was geared to teach children about the elements of color and shapes. The drawings are in good enough condition to exhibit and may be included in an upcoming book on Sutnar currently being created by The Museum of Decorative Arts in Prague. Gift of Radislav L. Sutnar and Elaine F. Sutnar.
- Set of toy blocks, "Build the Town," Ladislav Sutnar, 1941, U.S.A., painted wood, part of prototype set of painted wooden building blocks and toy cars: 20 cube-shaped blocks, 19 wedge-shaped blocks, 4 cone-shaped blocks, 9 cars/trucks. These objects are from an important Czech modernist designer who worked in U.S. from the time of the Second World War.
- French vase, "Jeux de Fonds – Astronomie," Rabaey for Sevres Porcelain Factory, 1951, porcelain, gilding. The vase is a rare mid-century modern design from one of Europe's greatest porcelain manufactories. Museum purchase from the Charles E. Sampson Memorial Fund.

- Drawing "Butterfly House: Concept Sketches for Rural Studio at Auburn University," Samuel Mockbee, 1997, U.S.A., pen and black ink on heavy cream paper. The drawing contributes to CHNDM's Strategic Plan for the Collection, 2001-2005, as a contemporary drawing of architecture by a recognized architect. Museum purchase from the General Acquisitions Endowment.
- Lithograph poster "Exhibition of International Economic History: Pictures, Miniatures, Tapestries, Documents, Models, Graphics, City Museum, Amsterdam, 15 July - 15 Sept., 1929," Hendrikus Theodorus Wijdeveld, 1929, The Netherlands. The poster fulfills the CHNDM's Strategic Plan for the Collection, 2001-2005, as an example of early modern graphic design. Museum purchase through gift of Jacob H. Schiff, Eleanor and Sarah Hewitt, and through the bequest of Mrs. John Innes Kane.
- Umakake (Japanese horse wrapping), Edo, late 18th century, Japan, resist painted and printed bast fiber textile. The Textile Department has continued with a collecting strategy that includes the strengthening of its ethnographic textile collection. This rare and beautiful textile, in excellent condition considering its history of use, greatly enhances the other Japanese textiles from the 18th-19th century in the collection. It also relates to the history of resist patterning techniques,

documented in other areas of the textile collection. Museum purchase through the Grodzins Fund for Textile Acquisitions.

- English textile length “Calyx,” Lucienne Day, 1951-61, screen-printed cotton plain weave. The Textile Department has sought to strengthen its collection of mid-twentieth century textiles for the past several years. This piece by Lucienne Day is universally considered to be an icon of 20th century textile design and had a tremendous stylistic influence on designers in England and the United States. The museum has a later version of this design in a different colorway, which makes an interesting comparison.
- Scenic wallpaper “Niagara Falls” and the “Natural Bridge in Virginia” from “Views of North America” series, Jean-Julien

Deltil for Zuber et Cie, 2001 of 1800 design, Rixheim, France. This piece was purchased as a key addition to the CHNDM exhibition *Rooms with a View: Landscape Wallcoverings*. The scene of Niagara Falls was prominently displayed as the viewer entered the gallery. This wallpaper was recently printed by the Zuber Company of France, using the wood blocks that were originally carved in the 19th century. “Views” is one of the most famous of the scenic wallpapers produced by the Zuber Company, and a film of the printing was also displayed. Scenic papers like this are an important part of the history of wallpaper and fill a gap in the museum's collection. Museum purchase from General Acquisition Endowment and Pauline Cooper Noyes Fund.

Freer Gallery of Art

- “Monkey and Turtle,” Rosetsu Nagasawa (Japan 1754-99), painting, hanging scroll, ink and color on silk. The Freer collection contained no works by Rosetsu and now had the opportunity to acquire this small but very skillfully executed painting by this exceptional eighteenth century artist and favorite disciple of Maruyuma Okyo – the most influential painter of Japan’s Edo Period (1615-1868). Gift of Rosemarie and Leighton Longhi.
- “A Raja and His Courtiers in Procession Before a Walled City,” unidentified artist, India, 1775-85, painting, opaque watercolor, gold and silver on paper. This superb Hyderabad court painting is a rare example of the long, horizontal format procession scene. Like Mughal procession scenes of the assembled court, Hyderabad procession images articulate the loyalties and ranks of great kings and their subsidiary rulers in an elaborate language of hierarchy and display. The Freer and

Sackler own several paintings from the 17th and 18th century Deccan kingdoms, but nothing from the Asafi Jah dynasty of Hyderabad. Its acquisition considerably expands the range of the Indian painting collection. The Hyderabad procession scene exemplifies the continuation of traditional pictorial values at a time when artists in other regions of the subcontinent were incorporating new media and Western artistic idioms in their work. Museum purchase.

- “Eight Views of the Xiao and Xiang Rivers,” Soga Shohaku (Japan 1730-81), pair of six-fold screens, carbon ink, light washes to concentrated black, on paper with sprinkled gold powder and flakes. This pair of six-panel screens explores the classical Chinese subject of the Eight Views of the Xiao and Xiang Rivers, located in what is now Hunan Province. While not striving to create an encyclopedic collection, the acquisition of exceptionally important painters not yet well represented in the collection establishes an informative

balance. The union of these screens with the existing Shohaku landscape provides an excellent range of the neglected artist's ability. Museum purchase.

- “Prince Shotoku (Shotoku Taishi) and Attendants,” a votive painting in the aspect of filial piety, unidentified artist, Japan, Kamakura period (1185 - 1333), 13th century, painting, hanging scroll, ink, color, and gold on silk. In 1907, Charles Lang Freer viewed the Prince Shotoku painting while visiting its owner, Baron Kuki Ryuichi, one of Japan's most important art patrons. In his later correspondence to Kuki, Freer praised the painting and noted that it was one of the finest early Japanese paintings he had ever seen. The addition of this painting to the existing grouping gives the Freer the most important ensemble of painted Prince Shotoku iconography in the West. With its remarkably detailed associations to Charles Freer and to the history of the development of his tastes, the acquisition of this painting – nearly one hundred years later – fulfills the specific collecting instincts of the museum's founder. Museum purchase.
- The Bodhisattva Avalokiteshvara, attributed to Mati, Kashmiri, Himalayan, 11th century, standing figure, metalwork: brass alloy with copper and tin inlay, colored wax, traces of gilding and pigment. This large-size Avalokiteshvara standing in a gentle thrice-bent (tribhanga) posture is one of the most significant Tibetan bronzes to have come on the market in the last twenty years. Its harmonious proportions, masterful balance of overall form with surface design, and gentle

expression indicate the hand of a master artist. The Avalokiteshvara creates meaningful connections to many of the Buddhist artworks in the Freer and Sackler collections, including bodhisattva sculptures from Nepal and Tibet. Museum purchase.

- Figure of Wei Mo Chi, unidentified artist, China, ca. 522, relief fragment, stone with polychrome. This figure adds great significance to the already existing collection of Chinese Buddhist images. The Freer has major sixth-century reliefs from Xiangtangshan, one from Gongxian, and the collection also has a large bodhisattva from Longmen of Tang date; therefore, the figure of Vimalakirti fits into the existing collection very well. Bequest of Mr. and Mrs. Myron S. Falk, Jr.
- Figure of a seated woman holding a bird, unidentified artist, China, 8th century figure, earthenware with sancai glaze. The high quality of this engaging, graceful lady holding a bird represents the pinnacle of the tradition of burial ceramics in the Tang dynasty. Tang ceramic figures such as this piece were created for funerary display and internment in the tombs of the privileged class, indicating wealth and status. A Tang ceramic figure of a seated lady or standing figure with a bird is known, however the iconography is not common. Museum purchase by the Friends of the Freer and Sackler Galleries.

Hirshhorn Museum and Sculpture Garden

- Alighiero e Boetti, *Untitled*, 1994, ink and gouache on paper mounted on canvas. Museum purchase, Joseph H. Hirshhorn Purchase Fund.
- Ron Mueck, *Untitled (Big Man)*, 2000, pigmented polyester resin on fiberglass. Museum purchase, Joseph H. Hirshhorn Bequest Fund.
- Thiery de Cordie, *The Equal of God*, 1988-89, astrakhan wool, cooper, nettle plant, lavender seeds, gauze, greased fabric and mud. Museum purchase.
- Wolfgang Laib, *Pollen from Hazelnut*, 1998-2000, hazelnut pollen. Museum purchase, Joseph H. Hirshhorn Purchase Fund.
- Agnes Martin, *Garden*, 1964, synthetic polymer and colored pencil on linen. Museum purchase, Holenia Purchase Fund and Joseph H. Hirshhorn Purchase Fund.
- Clyfford Still, *Untitled*, 1935-1938, oil on linen. Museum purchase.
- Alexander Calder, *Sky Hooks*, 1962, painted steel. Gift of Mrs. Jerome L. Greene.
- Agnes Martin, *Untitled*, 1998, synthetic polymer and graphite on canvas. Gift of the American Art Foundation.
- Joseph Cornell, *Untitled (Schooner)*, 1931, collage. Fractional and promised gift from the collection of June W. Schuster, given in her memory by her daughter Pamela McCormick.

Horticulture Services Division—Living Plants

- Arias Orchideas (Ecuador), 12 assorted orchid species.
- Zamora Orchideas (Ecuador), 20 assorted orchid species.
- Carmen's Orchids (Colombia), 15 assorted orchid species.
- Carmela Orchids (Hawaii), 19 assorted orchid hybrids.
- N. Komoda Orchids (Hawaii), 25 Miltoniopsis hybrids, 15 Masdevallia hybrids.
- Ecuagenera (Ecuador), 89 assorted orchid species.
- Carmela Orchids (Hawaii), 48 assorted orchid hybrids.
- U. S. Botanic Garden, 81 Cattleya hybrids and species.
- U. S. Botanic Garden, 26 Cymbidium hybrids and species
- 113 assorted orchid hybrids, Ms. Cellina Barth.
- 956 hybrid Phalaenopsis orchids and 28 assorted species and hybrids, CITES Rescue Acquisitions.

National Museum of African Art

- Beaded gourd vessel, Bamum peoples, Cameroon, late 19th-early 20th century, glass beads, plant fiber, gourd, wood, glass buttons. This beaded gourd vessel is an outstanding example of the royal arts of the Cameroon Grassfields. Gourd bottles are used for serving palm wine. It is the dramatic beaded covering that transforms the simple container into royal regalia. Imported glass beads were highly prized trade items, which became an essential part of local art styles. Beaded gourds are part of the royal regalia of Grassfields kingdoms in Cameroon. They are reserved for the exclusive use of the Fon, or king, who is served palm wine by a wife or senior retainer. These beautifully decorated vessels are prominently displayed close to the Fon when he sits in state at court and during festivals, and serve to reinforce the Fon's prestige and the associated prosperity of the kingdom. Images of the beaded gourd are such an important royal symbol in Grassfields society that they appear on royal memorial figures. Museum purchase.
- Wood stool, Luba peoples, Democratic Republic of the Congo, mid-late 19th century, wood, glass beads, plant fiber. In Africa, there is a hierarchy of sitting. Among the Luba, it was a part of a ruler's regalia. Important people sit on carved stools or chairs, while those of lesser status stand or sit on the ground. Among the Luba, stools carved with a kneeling woman as a support are important objects of royal regalia and literally serve as containers of political and spiritual power for the ruler during his reign and continuing after his death. This is an important object. Gift of the Kuhn Family Trust.
- Silk wrapper (*lamba akotofahana*), Merina peoples, Madagascar, Martin Rakotoarimanana (born 1969), Sylvain Ratefiarison (born 1965), Antoine Rakotoarinala (born 1962), Daniel Rafidison (born 1963), 2001. The elaborate, impressive akotofahana cloths were originally woven for the Merina monarchs, nobles and affluent individuals, to be used as display cloths and, in some cases, as shrouds. They were also given as gifts to cement diplomatic relations between Madagascar and the representatives of foreign powers. Two akotofahana cloths in the collection of the National Museum of Natural History, for example, were given by Malagasy Queen Ranaivalona III to President Grover Cleveland in 1886. Prized by the Europeans in the 19th century as the sparkling jewels of Malagasy textile arts, akotofahana cloths enjoyed revival in the 1990s. An English art historian, Simon Peters, combined forces with a group of Merina weavers who shared his pride in this historic art form, creating the weaving cooperative known as Lamba SARL. This stunning acquisition is the most complex Lamba SARL cloth created to date. Museum purchase.
- Kwesi Owusu-Ankomah (born 1956), Ghana, *Off My Back*, 1995, acrylic on canvas. In this powerful canvas, Kwesi Owusu-Ankomah, draws upon the graphic symbols of his native Akan heritage to reproduce, in subtle variations, the Adrinkra symbols found on many traditional cloths. Using these historical references to produce an overall patterning effect, Owusu-Ankomah highlights and celebrates the human figure, placing two voluminous figures locked in combat. Museum purchase.
- Fodé Camara (born 1958) Senegal, *Acculturation II*, 2000, acrylic on canvas. This acquisition has allowed the museum to expand its slim holdings of modern/contemporary works from the very rich modernist art history of Senegal. Camara's sweeping brushstrokes, bold choice of palette, and frequent subject matter investigating the history of slavery, cultural hegemony, memory, and the process of acculturation and assimilation all nicely complement the brilliant tapestry the

museum holds by a founding member of the Ecole de Dakar, Papa Ibra Tall. Museum purchase.

- William Kentridge (born 1955), South Africa, *Ubu Tells the Truth*, 1996-1997, aquatint, drypoint and engraving on paper. South African draughtsman, filmmaker, puppeteer, and sculptor, William Kentridge enjoys perhaps the most international acclaim to date of any contemporary African artist, with retrospective touring exhibitions throughout America, several hefty catalogues published on his oeuvre, and representation by major New York and London galleries. This purchase bolsters the museum's existing strengths in contemporary South African arts. Museum purchase.
- Berni Searle (born 1964), South Africa, *Stain*, 1999-2000, inkjet print on paper. This work is from the series *Discolored*, begun in 1999, in which Searle uses her body as a canvas, staining different body parts with henna dye to suggest bruising, trauma, abuse, disease and eventual healing. Manipulating skin color allows Searle to comment upon the history of violence and prejudice associated with shades of skin

color within South African history specifically, and world history in general. In *Discolored*, one senses the vulnerability of the subject, and indeed, feels a certain sense of voyeurism. Purchased with funds from the Smithsonian Collections Acquisition Program.

- Berni Searle (born 1964), South Africa, *To Hold, in the Palm of the Hand*, 2000, inkjet print on vellum. A monumental image of a cupped hand, stained with henna, was produced through digital photography and printed on vellum. It is installed to gently curve out from the wall towards the viewer, suggesting an arrested state of action. The architect's tracing paper, on which it is printed, has a translucent, shimmering quality that allows light to pass through the image, thus producing an ethereal presence. The scale of the hand creates an image almost unrecognizable as a body part. Each line and vein becomes a crevasse or a ridge, suggesting a landscape. Powdered henna is sprinkled on its edges and on the floor below unifying the piece with its surroundings. Purchased with funds from the Smithsonian Collections Acquisition Program.

National Air and Space Museum

- Pioneer RQ-2A unmanned aerial vehicle (UAV). The U.S. Army, Navy, and Marine Corps deployed RQ-2As from late 1980s onward to provide real-time reconnaissance imagery without risk to a human pilot. This RQ-2A operated from the battleship U.S.S. Wisconsin during the 1991 Gulf War. While on a mission to assess damage from naval gunfire, a number of Iraqi soldiers signaled their surrender to the aircraft during a low pass, marking the first time that soldiers on the battlefield have surrendered to a robot. Gift of the U.S. Department of the Navy.

- Primary backup mirror for the Hubble Space Telescope. This artifact is the backup primary mirror for the Hubble Space Telescope manufactured by the Eastman Kodak Company. The blank for this mirror was fabricated by the Corning Glass Works using their high silicon Ultra Low Expansion Glass (ULE 7971). It consisted of two disks fused to the faces of a thin eggcrate-like support structure. This honeycomb structure resulted in a mirror that weighs about one-fifth that of a solid piece of the same size. Transfer from the National Aeronautics and Space Administration, now on display in the Explore the Universe gallery.

- Fragment, SS-20 missile. This piece of twisted metal is an artifact of the destruction of the SS-20 missiles in compliance with the 1987 Intermediate Nuclear Forces (INF) agreement between the US and USSR. The Treaty was the first of its kind to eliminate an entire class of missiles. The twisted and burnt characteristics of this fragment resulted from the method of destruction of the SS-20 missiles. The solid fuel used in the SS-20 missile is integrated into the construction of the missile. The fuel could not be removed from the missile without firing the missile. The joint US-Russian teams that oversaw the destruction of the missiles agreed that the best procedure to render the missiles inoperative was through explosive destruction. This is a piece of one SS-20 missile that was destroyed in this manner.

- Fragment, Pershing-II missile. This is an access plate from a U.S. Pershing-II missile. The Pershing-II was a mobile, intermediate-range ballistic missile deployed by the U.S. Army at American bases in western Germany beginning in 1983. It was aimed at targets in the western Soviet Union. Each Pershing-II carried a single, variable-yield thermonuclear warhead with an explosive force equivalent to 5-50 kilotons of TNT. Under the terms of the Intermediate Nuclear Forces treaty, all Pershing-II missiles and their support equipment were removed from the inventory and rendered inoperable. This plate is from a Pershing-II eliminated from the inventory by being crushed by a hydraulic ram on September 8, 1988, at a U.S. Army base. It was signed by inspectors from the U.S. On-Site Inspection Agency and the USSR's Nuclear Risk Reduction Agency who witnessed the missile's elimination.

National Museum of American History, Behring Center

- The black mask form-fitted to the face and a silver-colored aluminum bullet used by Clayton Moore in his portrayal of "The Lone Ranger," 1949-58. Gift of Dawn A. Moore.
- Microarray instrument system. This artifact used to make diagnostic biochips from synthetic genetic sequences consisting of a fluidics station, hybridization oven, laser scanner, and a Dell computer workstation, 1995-98, used to synthesize thousands of genetic sequences onto a glass surface making a probe array or "gene chip." Gift of Affymetrix.
- 2 *violas da gamba*, one made by Thomas Edlinger of Augsburg, Germany, in 1672, and the other made by Paulus Alletsee of Munich, Germany, about 1715, and brought to the U.S. after WW II by Czech cellist Karl Newmann. Gift of Roger and Sue Ellen Johnson.

- Vibraphone played by jazz musician Lionel Hampton, made by Musser about 1980. Gift of Lionel Hampton.
- 2 Microsoft Windows NT development boards with supporting documentation consisting of 2 CD-ROMs of computer programs, 2 videotape cassettes made at Microsoft, and a Windows NT workbook. These are the original materials used to develop the architecturally unique operating system. Gift of Microsoft Corporation.
- Inaugural dress ensemble. Ruby red beaded chantilly lace evening gown designed by Michael Faircloth with a coat, handbag, and shoes, all worn by Mrs. Bush to the inaugural balls of January 20, 2001. Gift of Laura Welch Bush.

- Silver 1-*lira* coin issued by the Venetian Republic in 1472 under Nicolo Tron when the Doge of Venice. Gift of Dr. Sandro Sasson.
- Dress worn by Ginger Rogers and a lobby card. Full-length gray beaded gown worn by Ginger Rogers in the 1936 RKO motion picture *Follow the Fleet* when dancing with Fred Astaire and a lobby card for the film. Museum purchase, C.B.H. Jackson Income Fund.
- Anti-slavery potholder. Mid-19th-century potholder embroidered with dancing male and female black figures and the inscription "Any holder but A Slaveholder;" it is typical of

the kind of domestic goods women made to promote the abolitionists' cause. Museum purchase, C.B.H. Jackson Income Fund.

- 9 objects related to the mechanisms of the genetic code. 3 publication plates, 2 vials of RNA material, a jar of oligonucleotides, chart of the genetic code, multiple millepore filtration apparatus, and a Sorvall centrifuge rotor, all used in Dr. Nirenberg's laboratory in his research into the mechanisms of the genetic code. Transferred from the U.S. Department of Health and Human Resources, National Institutes of Health, National Heart, Lung, and Blood Institute.

National Museum of the American Indian

- National Congress of American Indian Archives. Gift of Arrow, Inc.
- Collection of 81 paintings, prints and drawings by various Native American artists, including Beatien Yazz (Navajo), Stephen Mopope (Kiowa), Al Momaday (Kiowa), Harrison Begay (Navajo), Allan Houser (Chiricahua Apache), George Ahgupuk (Eskimo), and Woody Crumbo (Kiowa). Gift of Patricia Wakeling in memory of Dr. M. Kent Wilson.
- Allan Houser (Chiricahua Apache), *Sacred Rain Arrow*, 1988, bronze sculpture. Gift of Allan Houser, Inc. and Anna Marie Houser.
- Reverie, Chiricahua Apache, sculpture. Gift of George Coumantaros.

- Twenty volumes, *Indian Tribes of North America*. Gift of Anne Hastings.
- Photographic album of American Indian Chiefs by Rinehart. Gift of Margaret Cross.
- Cornhusk dress and sandals, Coos. Gift of Dr. Charles J. Meyers.
- Bronze bust and associated documentation of civil rights leader Elizabeth Peratrovich. Gift of Roy Peratrovich and Family.
- Collections of 15 pieces of Southwest jewelry. Gift of Shirley L. Bricmont.

National Museum of Natural History**Anthropology**

- Joseph K. Long Bequest of approximately 6,000 chipped and ground stone tools, ceramics and a few bone tools, mainly from various counties in Kentucky, with about 15% of the collection from Tennessee, Texas and Louisiana. Mostly surface finds collected by Dr. Long between 1950 and 1999. This collection significantly adds to the record of prehistoric occupation from otherwise poorly documented archaeological sites in the Southeastern United States.

Mineral Sciences

- Meteorite, acquired by trade a 155 g sample of the D'Orbigny angrite. Angrites are an extremely rare type of meteorite, of which only a single specimen was known for more than 100 years. This sample is an extremely important addition to the National Meteorite Collection. Angrites effectively sample an unusual type of volcanism that occurred on asteroids at the very birth of the Solar System. In addition to being a rare type, this specimen exhibits large vesicles formed by gases escaping the molten rock. A study by Curator Tim McCoy and postdoctoral fellow Gretchen Benedix, along with collaborators from Texas and England, used CT scanning to reveal the inner structure of this rock and place constraints on its cooling and solidification.
- Four reference glasses. These glasses were synthesized for archeological applications, as standards for ceramics. They consist of exact compositions of various groups of elements, and will be added to the SI microbeam reference collection,

- 1 Sotho men's hat from Lesotho, dating from the 1980s. The hat, of exceptional quality and craftsmanship, demonstrates the continuity of production of Sotho headwear. This acquisition marks the shift of headwear from farmer's everyday wear to its current role as an element of official Sotho national dress and as an item targeted for the international tourist market. Gift of Ann Kaupp.

which has been distributed worldwide since the 1970s and is used by over 700 laboratories. The glasses are reference standards for the microanalysis of minerals and glasses by researchers in the geological and material sciences. This acquisition expands the museum's role as a trusted source for microbeam standards. Gift of the Corning Museum of Glass.

- Transfer of 340 samples of kimberlite and xenolith specimens, Montana, USA. Diamonds, which form about 100 miles within the Earth, come to the surface in lavas known as kimberlites. Accompanying (and in some cases enclosing) the diamonds are the rocks known as xenoliths, which are direct samples of the Earth's uppermost mantle. These xenoliths are the only direct evidence of what the Earth's mantle is like. Kimberlite lavas are rare, and xenoliths are rarer. This is an important addition to the collection of mantle rocks, which now numbers about 30,000 specimens.

Paleobiology

- Dr. Frank Whitmore's research collection of about 1,640 fossil marine and terrestrial mammal specimens. Dr. Whitmore is a USGS paleontologist who has been posted at the NMNH for the duration of his career and who is considered to be the world expert on Miocene cetacean (whale and dolphin) evolution. His collections have provided the museum with many thousands of specimens of Miocene and Pliocene cetaceans from the eastern coastal plain of Virginia, Maryland, and North Carolina. The NMNH, due to Dr. Whitmore's work over his career, has the world's best collection of fossil cetaceans from the mid-Atlantic coastal deposits. Transfer from the United States Geological Survey.

Systematic Biology**Botany**

- 559 National Cancer Institute/anti-AIDS voucher plant specimens. Botany houses and maintains voucher specimens for the National Cancer Institute's ongoing global program of natural plant product testing for cancer and AIDS. These specimens allow researchers to verify the identity of and information associated with each one of the thousands of plant species being tested. Botany is also in a position to provide updated information and current nomenclature for the tens of thousands of individual plant specimens that have been acquired since 1989. Gift of the Morton Arboretum, Lisle, IL.

Entomology

- Arnaud Collection of 87,212 miscellaneous insects from around the world.
- Collection of scarab beetles from Ecuador (2,700 specimens).
- 29,333 miscellaneous insects collected for the museum from the 1970s Brazil Canopy Fogging Project.

- Collection of 2,272 Mazon Creek nodules, of Pennsylvanian age, collected from north central Illinois. The specimens preserve delicate, soft body features, rarely preserved in fossils, of a wide variety of animals and plants, and are a significant addition to the collections. These specimens extend the range of collections material from the celebrated 300-million-year-old Mazon Creek deposit, and include aquatic invertebrate representatives and plant fossils showing insect damage, the latter essential to an understanding of feeding relationships within coal-swamp ecosystems. Gift of Dr. Ronald Pine.

Invertebrate Zoology

- 522 lots of Echinodermata (Holothuroidea, Asteroidea), Worm (Sipuncula), Coelenterata (Scyphozoans, Octocorals), Tunicata (Pterobranchs), Crustacea (Amphipods, Sea Spiders). The museum is the sole designated repository for specimens from the NSF Antarctic Program, and this acquisition continues to expand this unequalled research collection. Gift, vouchers and other research specimens from National Science Foundation (NSF)-funded United States Antarctic Program, University of Maine.

Vertebrate Zoology

- A mounted specimen of Carolina Parakeet. This specimen is significant because specimens of this extinct species are rare donations to this and other museums. Since the species became extinct in 1914, the number of preserved specimens in private hands that are being made available to museums is dwindling. Gift of Mr. Richard H. Whitten and Family, Costa Rica.

National Postal Museum

- Pharmaceutical mailing tube. During the 1890s, Dr. N. Tucker of Mt. Gilead, Ohio, used this cork-lined wooden cylinder with threaded brass cap to mail prescriptions to patients. The mailing tube includes the original postage stamps and address label. This is one of the earliest mailing containers in the museum's collection. Gift of Sheridan Crothers.
 - Saar Specialized Collection. At the end of World War I, the Saar Territory, bordered by France, Germany and Luxembourg, was administered by the League of Nations. The National Postal Museum's already extensive Saar philatelic collection was greatly expanded this year with the acquisition of the Bernard and Elizabeth Cohen's highly specialized collection
- “The First Issue of the Saar, January 30 – September 15, 1920.” This prize-winning collection of 5,009 stamps and postmarks relating to the first issue of the Saar includes an album of forgeries and a small reference collection. Gift of Dr. Bernard and Elizabeth Cohen.
- Federal Duck Stamps. The museum acquired thirty mint and thirty signed U.S. Federal Migratory Bird Hunting and Conservation stamps dating from 1974-2000. The stamps fill an important gap in the Duck Stamp collection, one of the museum's most important collections. Gift of Bob Dumaine.

National Portrait Gallery

- *George Washington (Lansdowne portrait)* by Gilbert Stuart, original life portrait of the first President, oil on canvas, 1796. Funded purchase, acquired as a gift to the nation through the generosity of the Donald W. Reynolds Foundation.
 - *Daniel Morgan* by an unidentified artist, oil on canvas, circa 1780, an important Revolutionary war general. Gallery purchase.
 - *James Farmer* by Alice Neel, oil on canvas, 1964, a leading civil rights activist painted by an important American artist. Gift of Hartley Neel and Richard Neel.
 - *Louise Nevelson*, self portrait, oil on canvas, 1945, an early painted portrait of the well-known American sculptor. Gallery purchase.
- *John Wickham*, black and white chalk drawing, 1808, by C. B. F Saint-Mémin. Although the Gallery boasts one of the great collections of engravings by Saint-Mémin, it has few drawings by the great French profile artist who portrayed so many Americans of the federal period. This portrait of John Wickham, which is in unusually fine condition, is a superb example of Saint-Mémin's chalk drawing technique and also represents an important historical figure. Partial gift of Mrs. Virginia Wickham Hayes.
 - *Harold Rosenberg*, pencil drawing, c. 1956, by Elaine de Kooning. The Gallery owns a significant collection of the work of Elaine de Kooning including her large painting of art critic Harold Rosenberg. This drawing, a study for that important painting, depicts Rosenberg with a piercing gaze, his tall, lanky figure foreshortened in a seated pose. She retained those elements in the subsequent painting while dissolving other

details with gestural, abstract brush strokes reminiscent of the work of her husband, Willem de Kooning. The intimate pencil study conveys her intense relationship to Rosenberg and documents her approach to the problems of posing a portrait. Gallery purchase.

- *Kurt Vonnegut, Jr.* color silkscreen, 1993, self-portrait. The Gallery has always treasured its growing and increasingly significant collection of self portraits. This color silkscreen made by writer Kurt Vonnegut, Jr. is one of a number of self portraits made by amateur artists who became famous for other endeavors. Vonnegut's playful graphic vocabulary of curves and spirals in this silkscreen shows his respect for such artists as Paul Klee and Saul Steinberg. Gallery purchase.
- *Charlie Chaplin* by Edward Steichen, gelatin silver print, 1922. This iconic image of Charlie Chaplin is one of twenty-one vintage portraits acquired by the Gallery from the personal archive originally assembled by photographer Edward Steichen. By acquiring this collection, which also includes portraits of George Gershwin, Willa Cather, Fred Astaire, and Miguel Covarrubias, the Gallery has dramatically increased its representation of works by one of the twentieth century's most

important photographers. Portraits from this acquisition have already been reproduced in NPG's *Profile* publication while several more will be included in the upcoming traveling exhibition *Women of Our Time*. Acquisition in memory of Agnes and Eugene Meyer through the generosity of Katharine Graham and the New York Community Trust, The Island Fund.

- *Bill Viola* by Abe Frajndlich, chromogenic print, 1998. Abe Frajndlich's color portrait of video artist Bill Viola is part of a group of twenty photographs of leading figures in the fields of art, architecture, music, literature, fashion, and film. This gift has enabled the Gallery to acquire images of a diverse mix of contemporary subjects who were previously unrepresented in its collection. Gift of Paulette and Kurt Olden in memory of Lily E. Kay.
- *Paul Robeson* by James Latimer Allen, gelatin silver print, 1927. Although the Gallery has numerous images of Paul Robeson, this portrait is the only example in the NPG collection by James Latimer Allen, the African American photographer who was the portraitist of choice for the principal figures of the Harlem Renaissance. Gallery purchase.

National Zoological Park

- Group of Ring-tailed lemur, *Lemur catta* (species new to the collection) and Red-fronted lemur, *Eulemur fulvus rufus*. By displaying this non-breeding group in a centrally located and visually attractive exhibit like Lemur Island, the Zoo has the opportunity to educate visitors about a critically endangered primate, its island ecosystem on Madagascar as well as the Species Survival Plan based conservation programs. Gift.
- 2 Maned wolves, *Chrysocyon brachyurus*. Although 55 pups have been born at NZP since the species was first acquired in 1975, this is the first litter since the early 1990s. Breeding loan agreement with the Kansas City Zoo.
- A magnificent Bird-of-Paradise, *Diphillodes magnificus*. The species is new to the Zoo and was acquired to exhibit a bird found in Papua New Guinea, where NZP scientists are

working. A female was acquired on loan to pair this animal and, hopefully, to breed.

- 2 Magpie geese, *Anseranas semipalmata*, hatched, the first hatching of this species at NZP.
- Manchurian Crane, *Grus japonensis*, birth, Species Survival Plan Program.
- 2 Amakihi (*Hemignathus virens*), births, FWS-AZA Cooperative Hawaiian Bird Propagation/Research Program.

- 3 Brown Pelicans, *Pelecanus occidentalis*. This group was injured non-releasable birds acquired as a gift from a rehabilitation facility in Florida for a mixed-species exhibit with sea lions.
- Masai Giraffe, *Giraffa camelopardalis tippelskirchi*, born. This calf was the sire's first offspring and the dam's 6th. The breeding was recommended by the AZA-SSP.
- 4 Stingrays, *Potamotrygon castxexi*, *P. humerosa*, *P. sp.* First exhibit of stingrays at NZP; housed in the Amazonia Flooded Forest Pool to show inhabitants of the lower end of the water column. Gift.

Office of Architectural History & Historic Preservation

- Writing table, part of the furnishings of the Castle, ca. 1880. Transferred from the Division of Graphic Arts, NMAH.
- Bookcase, used in the Secretary's office, ca. 1898-1923. Collected by Richard Stamm at the Museum Support Center, Suitland, Maryland.

Smithsonian American Art Museum

- William E. Artis, (1914 – 1977), *Untitled (Idealized Head of a Woman)*, ca. 1946), marble. This is an important early work from a significant African-American sculptor. Museum purchase, Luisita L. and Franz H. Denghausen Endowment.
- Richmond Barthe, (1901-1989), *Blackberry Woman*, 1932, bronze. This sculpture is a significant work by a widely exhibited and honored African-American artist. Museum purchase, Luisita L. and Franz H. Denghausen Endowment.
- Joseph Cornell, (1903-1972), *Untitled (Pink Palace)*, 1946, box construction. The box construction is a mature work and very important "poetic theater" for this prominent artist. Partial and promised gift of Donald Windham.
- Edward Kienholz, (1927-1994), *Sollie 17*, 1979-1980, mixed media construction. This is an extremely important addition to the museum's modern art collection. Museum purchase, Luisita L. and Franz H. Denghausen Endowment.
- Wayne Thiebaud, (born 1920), *Untitled*, 1963, ink wash in blue and black. This is an extraordinary drawing that demonstrates the artist's skill in handling the medium. Gift of Manual Neri.

Smithsonian American Art Museum, Renwick Gallery

- Tim Harding, (born 1950), *Cloudwave Kimono*, 2000, layered, quilted, cut, and pressed silk. This piece is a most welcomed addition to the museum's steadily developing art quilt collection. Gift of the James Renwick Alliance.
 - Richard Marquis, (born 1945), *Ceramic Coffee Pot with Cozy*, 1972, clear-glazed molded and colored clay with papier-mâché cozy. This is an interesting and colorful work that adds to the museum's ceramic holdings. Gift of the James Renwick Alliance.
 - Jim Melchert, (born 1930), *Ghost Plate with Mickey Mouse Ears*, 1964, glazed earthenware. This piece brings to the collection a new artist and is a welcome addition to the museum's craft collection. Gift of the James Renwick Alliance.
- Heikki Seppa, (born Finland 1927), *Lupin Wedding Crown*, 1982, formed, hammered, and soldered 18k gold, sterling silver, and diamond. This is a spectacular piece of jewelry by a well-known jewelry artist. Gift of the James Renwick Alliance.
 - Rick Wrigley, (born 1955), *The Rick Wrigley Renwick Cabinet*, 2001, Honduran mahogany and ebony solids; quartersawn maple; pomelé sapelé, anigré, and marquetry veneers on a substrate of medium density fiberboard; East Indian rosewood and cow-bone inlay; negro marquina; brass. This cabinet was designed specifically for the Renwick Gallery and enhances the museum's furniture holdings. Gift of the James Renwick Alliance.

Archive Accession Highlights

Archives of American Art

- Milton Brown Papers (1911-1998): This first installment of the Milton Brown Papers, received during 2001, reflects this pioneering art historian's achievements. The papers show Brown's devotion to American art, chart the field's course from being ignored to becoming a flourishing academic discipline, and reveal his broad scholarly interests and influence on younger generations of Americanists. The papers document Brown's friendships with photographers Paul Strand and Walter Rosenblum and his activities with the Smithsonian Institution and the Archives of American Art. This collection is significant in its research value for anyone interested in the development of American art history as a discipline, and for its information about American art history as a broader topic. Gift of Mrs. Milton Brown; collected by Avis Berman, the Archives' New York Collector.
- Andre Emmerich Papers: This addition to the Andre Emmerich Gallery Papers consists of correspondence files, photo files, and publicity files. This is the first time that the Archives has received correspondence files for Emmerich, and these are truly illuminating. They chart the workings of the gallery from 1962-1968. In Emmerich's 2000 gift, most of the photographic file material on Helen Frankenthaler was missing. This addition fills that gap with numerous color transparencies of works of art, portrait images and photographs, and a collection of nearly every article on her for almost thirty years. The collection has significant research value for the information it provides on artists and art works, several of whom have given their papers to the Archives. Gift of Andre Emmerich; collected by Avis Berman.
- Lillian and Frederick (1890-1965) Kiesler: This addition to the Lillian and Frederick Kiesler Papers includes correspondence between Frederick Kiesler and museums such as the Hirshhorn Museum and Sculpture Garden, the Whitney Museum of American Art, the Centre Georges Pompidou, and the Solomon R. Guggenheim Museum, 1966-1986. As an addition to a collection that is already researched, this acquisition closely fits into the programmatic goals of the Archives. Gift of Lillian Kiesler; collected by Avis Berman.
- L. Brent Kington Papers (b. 1934): L. Brent Kington, blacksmith, sculptor, and metalsmith, is a major figure in the field of metal, and an important teacher. His papers, 1950 - 2000, include a résumé and career summary; correspondence regarding exhibitions, works on consignment, sales, and commissions; correspondence, 1963 - 1969, with the Lee Nordness Gallery concerning OBJECTS USA exhibition and other matters; files regarding workshops and serving as a juror or visiting artist; correspondence regarding faculty and administrative duties at Southern Illinois University (SIU) at Carbondale, where Kington taught from 1961-1996, and is currently professor emeritus; letters from SIU alumni such as Elizabeth U. Akamatsu, Phillip Baldwin, and others; letters and printed material regarding the American Craft Council and auctions to benefit the Penland School, John C. Campbell Folk School, American Craft Museum, National Ornamental Museum, and others; letters and photographs regarding the 1978 NEA Blacksmith Workshop at SIU; meeting notes and printed material concerning conferences and exhibitions of the Society of North American Goldsmiths (SNAG) and the Artist-Blacksmith's Association of North America (ABANA);

postcards from Phillip Baldwin, Robert Ebendor, Glen Gardner, Paula Garrett, Mary Lee Hu, Mary Ann and Sam Scherr, Jim Wallace, and others; writings and notes by Kington; press releases; slides and photographs of works of art; published writings about Kington, and technical writings by Kington, Heikke Seppä, Phillip Fike, and others; exhibition catalogues and announcements; magazine and newspaper clippings; and miscellany. This collection complements other craft related collections and has research and programmatic significance. Gift of L. Brent Kington; collected by Liza Kirwin, Curator of Manuscripts.

- R. B. (Ronald Brooks) Kitaj Papers (b. 1923): The first installment of the R. B. Kitaj Papers, gathered under the direct supervision of the artist, include exhibition catalogs and announcements, magazines, and newspaper clippings. This is the most complete bibliographical collection dealing with his life and career, especially exhibition activity and critical response. Kitaj (as he is referred to) is among this country's most prominent and admired figurative artists. An expatriate resident of England for forty years, he returned to the U.S. in 1976 and established home and studio in Los Angeles. In 1976, Kitaj organized for the Arts Council in Great Britain a show devoted to the human figure and in connection with it introduced the term School of London. Other members include Francis Bacon, Lucien Freud, Frank Auerbach, Leon Kossoff, and Michael Andrews. His painting has always been highly narrative and literary, replete with historical and philosophical allusions. Gift of R.B. Kitaj; collected by Paul Karlstrom, the West Coast Regional Director of the Archives.
- Eduardo Abril Lamarque Papers (1904-1999): These papers of cartoonist, designer, and graphic artist Eduardo Abril Lamarque include a brief biography, files on Lamarque's design work for Bacardi, the New York World-Telegram, Evening Mail, New York Daily News, the New York Times, US News and World Report, Dell Publishing Company, and

others; caricatures by Lamarque and others; examples of business cards, letterheads, book jackets, books, magazines, and newspapers designed by Lamarque; files regarding his workshops and his membership in various organizations such as the Art Director's Club, Society of Illustrators; photographs of Lamarque and his works of art; lists of works of art; and miscellany. There is also printed material about self-taught painter Karol Kozlowski. This acquisition will fit well with the other collections of illustrators and cartoonists currently held by the Archives, and will have long-term research value. Gift of Martha Lamarque Sarno and Lita M. Elvers; collected by Liza Kirwin.

- Ibram Lassaw Papers (b. 1913): Ibram Lassaw is an important abstract sculptor, one of the founders of the American Abstract Artists (AAA), and a charter member of the Artists' Club. He is part of a generation that the Archives has documented avidly, and this collection fits well with its programmatic goals. This addition to the Lassaw Papers includes correspondence, manuscripts, exhibition records, and WPA assignment notices. The bulk of the letters are from the Whitney Museum of Art and the Museum of Modern Art concerning sales and exhibition requests (1934-1936). The Archives anticipates research use of this collection with its ties to other collections by Lassaw's contemporaries. Gift of Lassaw's daughter, Denise Lassaw; collected by Avis Berman.
- Printed Matter Papers: Printed Matter, established in 1976 by Sol LeWitt, Lucy Lippard, and others, grew from a small business coalition of artists into the largest facility dedicated to publications made by artists in book form. Printed Matter is now the most comprehensive source for artists' books internationally. By 1986, it had published or disseminated books by more than 1,800 artists. Its history also mirrors the trajectory of the downtown art scene in the 1970s and 1980s, for which it became a matrix, an outlet, and a representative.

The administrative matter and financial records document Printed Matter's philosophy, operations, and relationships to artists; the records show how many artists, now well known, were eager to embrace the publishing that Printed Matter offered. Among the names that are found in these files are former staff members Edit de Ak, Mike Gleir, Nancy Linn, Ingrid Sischy, and Nancy Princenthal; founders LeWitt and Lippard; and artists who had contracts for projects with Printed Matter, such as Douglas Davis, Heidi Fastnacht, Jenny Holzer, Douglas Huebler, Louise Lawler, Richard Nonas, Martha Rosler, Ed Ruscha, Art Spiegelman, Michelle Stuart, Athena Tacha, and Lawrence Weiner. This is one of the more significant collections received this year. It matches programmatic goals and has substantive research value. Gift of Printed Matter; collected by Avis Berman.

- Wayne Thiebaud Papers (b. 1920): This donation by Wayne Thiebaud includes drawings, sketchbook pages, teaching notes, and other memorabilia. Among the materials are ink drawings of pies and cakes, lunch counter still life arrangements, city scenes, delta landscapes, people dancing and walking and enjoying a stroll along city streets. Thiebaud's lively friendships with such artists as Hassel Smith, Roy de Forest, Claes Oldenburg, Willem de Kooning, Richard Diebenkorn, and others are explored through letters, photographs, cartoons, and friendly exchanges of drawings and jokes. This collection has research and programmatic value as the Archives has

collections from many of Thiebaud's contemporaries. Gift of Wayne Thiebaud; collected by Susan Larsen, the Archives New England Area Collector.

- Marcia Tucker Papers (b. 1940): When Marcia Tucker was dismissed by the Whitney Museum of American Art in 1976, she set up the New Museum of Contemporary Art as a genuine alternative to traditional museums, and even museums of contemporary art. As the founding director, she was committed to adventurous exhibition programming and outreach to many audiences. Tucker's openness and accessibility as a director are reflected in most of the papers, consisting of letters, postcards, slides, photographs, catalogs, announcements, and writings from artists, dealers, curators, and other colleagues in the art world. Many of the artists do not have mainstream status, but the recognizable names are Christian Boltanski, Deborah Butterfield, Bill Copley, Michele Ika Doner, Ann Hamilton, Howardina Pindell, Earl Staley, Robin Tewes, and Idelle Weber. There are photocopies of many of Tucker's replies. Also included is documentation on the founding of the New Museum (1976-1977), the Women's Caucus on Art, and a 1980 conference and survey on independent art spaces in America. This collection is significant in providing information about the operation of the New Museum, as well as information on many contemporary artists in their early careers. Gift of Marcia Tucker; collected by Avis Berman.

Archives Center, NMAH

- John H. White, Jr. Railroad Reference Collection. The reference files of a long-time NMAH museum curator and distinguished railroad historian, including original documents, photographs, business records, and other materials gathered by White during his scholarly career.

- Harry Warren Collection, 1918-1989. Papers of one of America's most important songwriters, including music manuscripts, business records, and photographs. This collection is a major addition to the Center's rich holdings in the history of American music.

- Grepke Paper Dolls Collection, 1895-1991. Organized by topics and genres (such as fashion, movie characters, and chronological periods), this collection is the result of a lifetime of collecting. It broadens the Center's nationally known collections of commercial visual ephemera and strengthens its holdings for research into cultural representations.
- Benny Carter Collection, c. 1928-2000. Music scores and parts, photographs, programs, and other materials of a renowned jazz performer and composer. Carter has performed with the Smithsonian Jazz Masterworks Orchestra. This collection adds another leading light to the Center's jazz holdings.
- Sheldon-Claire Company Records, 1926-1980. Posters and related records from a firm that designed and manufactured motivational materials for corporations. These records complement the Center's extensive wartime posters and add to its documentation of industrial work life and employee / employer relationships.
- Joseph B. Friedman Papers, 1915-2000. This collection documents Friedman's invention and manufacture of the flexible straw and his other invention activities. This is but one

example of the Center's effort, in conjunction with the Lemelson Center, to document the work of American inventors and to understand the process of invention and innovation.

- Nobel Voices Video History Project, 2000-2001, made for NMAH. Thirty-two interviews of Nobel laureates used in the Lemelson Center exhibition of the same title.
- Sterling Drug, Inc., Records. Advertising, sales, marketing, and corporate records of this firm and of scores of competing firms that it acquired. This collection is an important addition to the Center's exceptional advertising collections and to its pharmaceutical history resources.
- E. Howard Clock Company Records, 1862-1930. Business records of a Massachusetts manufacturer of clocks, watches, and tower clocks. This collection is a fine addition to the Center's history of technology holdings and to its collections documenting American consumer culture.

Center for Electronic Research and Outreach Services, NPG

- The Center gathered documentation and images for American portraits in public collections across the US and abroad, including Ashland: the Henry Clay Estate; Boston Public

Library; the Copley Society; the Museum Legion of Honor, Paris; Carnavalet Museum, Paris; Georges Pompidou Center, Paris; and the National Library of Australia.

Eliot Elisofon Photographic Archives, NMAfA

- Stephen Grant Postcard Collection, c. 1900-1985. This collection of 6,808 postcards of Egypt, Guinea, and Cote d'Ivoire, consisting of collotypes, halftones, and silver gelatin images, is a significant addition to the Archive's Postcard

Collection. The collection is a unique resource for the study of African art history and history, and for examining modes of representing Africa in the West.

Freer Gallery of Art and Arthur M. Sackler Gallery Archives

- Final additions were accessioned to the collection assembled by Dr. Henry D. Rosin and Nancy Rosin documenting 19th- and early 20th- century photography of Japan, with prints by photographers Felice Beato (1834–1907), Baron Raimond von Stillfried (1839–1911), Kusabe Kinbei (active 1882), Ueno Hikoma (active 1860s–1890s), and others, that depicted people in daily activities, formal portraiture, architecture, and landscapes.
- Partial Purchase and gift of Henry and Nancy Rosin, 2000-2001.
- An interview of philanthropist and collector of Asian art Pauline Baerwald Falk (1910–2000) conducted by Thomas Lawton (1931–). Falk speaks of her initial travels to China during the 1930s, encounters with dealers such as Otto Burchard, Komor and C.T. Loo, and the influence of Alfred Salmony on her collecting. 2 sound tape reels and transcript. Gift of Thomas Lawton.
- Photograph, 1982, gelatin silver print taken by photographer Rosalind Solomon (b. 1930), signed on verso of mat and captioned "The Rama Lila Players Backstage, Festival of Dussehra, Kangra 1982," India. Gift of the Estate of Charles Blitzer.

- 30 gelatin silver prints, taken in 1995–1997 by Canadian writer and photographer Art Perry to document Tibetans, including individuals in exile communities in India and Nepal. Most depict religious figures such as monks and pilgrims in residences that include Sera Monastery, Swayambhunath Monastery, and Spitok Monastery; and spiritually important individuals such as the seventeenth Karmapa, and Drupon Dechen Rinpoche, a disciple of the sixteenth Karmapa. Gift of Art Perry.
- An atlas folio by Thomas Daniell (1749–1807) published in 1803 from the series *Oriental scenery*, v [5], *Hindoo excavations in the mountain of Ellora near Aurungabad in the Decan: in twenty four views respectfully dedicated to Sir Charles Warre Malet Bar late the British resident at Poonah*, with 24 hand-colored aquatints by James Wales under the direction of Thomas Daniell. There is also an original pencil and wash sketch by Thomas Daniell, unsigned and undated, depicting a waterfront scene. Museum purchase.
- An albumen print from wax paper negative, c. 1858–1862, by Dr. John Murray, showing a detail of the Gateway to the Taj Mahal, Agra. Museum purchase.

Horticulture Services Division

- 983 photographic images documenting 66 garden submissions. This documentation was added to the Archives of American Garden's (AAG) Garden Club of American Collection, which includes descriptive information and images of approximately 4,000 gardens, parks, and designed landscapes throughout the United States. This material falls within the scope of the AAG Collecting Plan and adds to the extensive body of information already included in the Archives on such topics as garden styles, design trends, garden ornamentation and furnishing, and land use. A number of the accessions directly relate to planning for an upcoming SITES exhibition, *Feast Your Eyes*:

The Unexpected Beauty of Vegetable Gardens. Gift of members of the Garden Club of America.

- Over 600 35mm slides documenting the many activities of the Horticulture Services Division were added to the HSD Slide Library. The Library includes images of the gardens, interior plant displays, and garden furnishings, and artifacts designed and/or maintained by HSD as well as both historic and contemporary horticultural subjects and sites. This resource is used heavily by HSD, Smithsonian Office of Public Affairs, Smithsonian Business Ventures, and external researchers.

Human Studies Film Archives, NMNH

- 26 open reel-to-reel videotapes (13 hours) recorded by Dr. James Brink in 1974 and 1976 of the Bamana people in the Kolokani area of Mali. The collection complements the research of Anthropology curator Dr. Mary Jo Arnoldi on theatre, dance and aesthetics in the adjacent Bamana region of Segou, Mali.
- 17 minutes of 16mm film created by photographer Sarajane Archdeacon of the famadihana, an exhumation ceremony of the Malgache people of Madagascar. Footage is also of interest to

the work of Anthropology curator Dr. Mary Jo Arnoldi.

- 16mm and 8mm film shot as part of retired Anthropology curator Dr. William Crocker's extensive fieldwork among the Canela Indians in Brazil. Footage complements other film documentation of the Canela (1975 and 1979) created by the former SI program, the National Anthropological Film Center, in conjunction with Dr. Crocker.

National Air and Space Archives

- Helmut von Zborowski Photo Album. Helmut Philip von Zborowski was a significant figure in early rocket and jet engine development. A contemporary of Werner von Braun, Zborowski worked on rocket and jet development for BMW during World War II, afterwards going to France and serving as a research engineer for the Société d'Etudes de la Propulsion par Réaction (SEPR). Zborowski later founded his own

company, Bureau Technique Zborowski. This album contains 88 original photographs, taken from 1939 to 1960, of many of Zborowski's rocket, jet and coleopter projects, as well as 6 printed drawings.

- Crocker Snow Collection. Crocker Snow was involved in many facets of aviation, most notably in the areas of aviation

law and politics. This collection highlights his varied aviation career, and includes the following: documentation on his company, Skyways, formed in 1927, one of the first commercial flying operations at East Boston's airport; Snow's role as author of the first comprehensive aeronautical law for the Commonwealth of Massachusetts; Snow's role as Director of the Massachusetts Aeronautics Commission from its creation until 1976; and Snow's role as Chairman of the President's Aviation Advisory Commission in 1972. Snow's World War II military aviation career is also covered in some detail including his stints as the commanding officer of the North Atlantic Sector of the Air Corps Ferrying Command, his role as commander of a provisional B-17 Bomb Group, and his organization of and participation with the 498th B-29 Bomb Group, which took part in numerous bombing and propaganda missions against the Japanese mainland. These materials include the following types of media: photographs, published materials, audio and videotapes, manuscripts, reports, surveys, propaganda leaflets, correspondence, and scrapbooks.

- Bartram Kelley Diaries. Bartram "Bart" Kelley (1909-1998) was a pioneering and distinguished helicopter engineer whose career was spent working for the Bell Aircraft and Bell Helicopter companies. Hired by Arthur M. Young, Kelley was instrumental in the design, testing, and development of such Bell aircraft as the H-13 Sioux, UH-1 Iroquois, AH-1G Cobra, OH-58 Kiowa, and XV-15. He became chief engineer of Bell's helicopter division in the late 1940s. After retirement in 1975, he served as a consultant for Bell Helicopter Textron. This collection consists of 47 diaries/engineering notebooks, containing highly detailed information and data relating to the design and development of the Bell Model 30 (which became the Model 47), the UH-1 Huey and the 206 JetRanger series, among other craft.

- John and Charles Wise Ballooning Collection. John Wise (1808-1879) known to his contemporaries as the "father of American ballooning," made his first ascension in 1835 in a hydrogen balloon that successfully flew from Philadelphia, PA, to Haddenfield, NJ. During his ensuing career, he was to make 446 free balloon ascensions in such craft as the Meteor, the United States the Experiment, the Vesperus and the Comet. In 1855, Wise flew 1,200 miles in 19 hours and 50 minutes in the Atlantic, setting a record that would stand until 1910. In the 1850s, Charles Wise, the aeronaut's son, joined him in his endeavors and the two were to have some involvement in Civil War ballooning. This donation consists of the following material relating to American ballooning pioneers John and Charles Wise: correspondence between John Wise and Major Albert J. Meyer during the Civil War, several unfinished manuscripts, including "Electricity of Instinct," envelopes and letterhead and newspaper articles relating to the 150th anniversaries of John Wise's famous flights. Most importantly, this collection includes a scrapbook full of newspaper accounts, circa 1850-1870, of both John and Charles Wise's ballooning careers.
- Irwin Pochter World War II Collection. Irwin Pochter (1923-1999) was a member of the 8th Air Force, 3rd Air Division, 34th Bomb Group, 7th Squadron during World War II. Pochter enlisted in December 1942 and flew a combat tour of 35 missions from November 1944 until March 1945 as a bombardier. This collection consists of the following material documenting Irwin P. Pochter's World War II service (1943-1945) with the 34th Bomb Group: a scrapbook containing photographs, newspaper clippings, military passes, cards, postcards, short snorters and programs chronicling Pochter's aviation career; a scrapbook consisting of letters from Irwin Pochter to his family; three yearbooks belonging to Pochter, one for Class 44-6, one for the 93rd Combat Bomb Wing, and one for the 34th Bombardment Group (H); Pochter's official

records and training material; and related miscellaneous memorabilia.

- Grace Huntington Collection. Flying Taylorcraft and Fairchild light planes, Grace Goodhue Huntington (1913-1948), set two altitude records and performed various scientific experiments on high altitude flights. She was employed as an instrument and flight instructor for the Paul Mantz Air Service. An author

as well as a flyer, Huntington wrote verse, songs, film scripts and an autobiographical manuscript that details the difficulties experienced by women aviators in the 1930s and 1940s. This collection consists of business and personal correspondence, photographs, licenses, a record report, one scrapbook and a CD-ROM that includes electronic versions of these as well as a copy of Huntington's autobiographical manuscript, "Please Let Me Fly!

National Anthropological Archives, NMNH

- James Peacock Photographic Collection. This collection includes 35 mm color slides, prints, and negatives taken in the Far East (especially Indonesia), the Middle East, and the United States as part of anthropological fieldwork. Peacock is a cultural anthropologist and former president of the American Anthropological Association.
- Cynthia Irwin-Williams Collection Accretion. Paleoarchaeological and archaeological site records from the Western and Southwestern United States and Mexico. Irwin-Williams was a pre-eminent American paleoarchaeologist.
- John Canfield Ewers Collection Accretion. Plains Indian materials. John Ewers was a former curator of North American Ethnology who worked primarily among the Blackfeet Indians and other Plains tribes.

- Papers of Olav Robert Thure Janse. Personal papers including diaries, scrapbooks, photographs and research notes. Janse was a photographer who worked in various parts of the world among native peoples.
- 20 oversized black-and-white prints of the Yanomami, donated by Kurt Olden.
- 16 platinum prints of American Indians at the Pan-American Exposition, 1914, donated by E. Joyce Kundall.
- Sioux Winter Count. 3' x 6' winter count (pictographic record) on muslin donated by Timothy Tackett.
- 3 glass plate negatives of Sioux subjects including Red Cloud donated by Mary Breckinridge.

Smithsonian Institution Archives

- The major acquisition transactions pertained to official Smithsonian records, including: Office of Telecommunications Records (1982-1989); Smithsonian Press, Publications (ca. 1876-1998, and undated); Office of International Relations, Grant Records (ca. 1964-1997); National Portrait Gallery, Office of Exhibitions, Exhibition Records (1974-1999); National Zoological Park, Office of the Director Records (1958-1999); Office of the Secretary, Administrative Records (1998); Freer Gallery of Art and Arthur M. Sackler Gallery, Office of the Director, Correspondence (1924-1987); and Smithsonian Traveling Exhibition Service, Exhibition Records (1979-1998).
- The Oral History Program acquired the Roxie Collie Laybourne Interviews, containing eight interview sessions totaling 14.5 hours. Laybourne is a noted Smithsonian researcher who created the field of forensic ornithology.

Library Acquisition Highlights

Smithsonian Institution Libraries

- The library of more than 1,000 volumes of American Indian scholar, ethnohistorian and anthropologist John C. Ewers. This working collection of an internationally respected scholar and long-time Smithsonian employee contains many valuable books and journals that both broaden and deepen the Anthropology and NMAI library holdings in this subject area as well as contributes materials to many other SIL branches. A good number of the materials would be difficult if not impossible to find elsewhere or very costly to purchase.

The following works were purchased with income from the Special Collections Endowment:


- Huygens, Christiaan. *De circuli magnitudine inventa. Accedunt eiusdem problematum quorundam illustrium constructiones.* Leiden: J. and D. Elzevier, 1654.
- Guldin, Paul. *De centro gravitatis.* Vienna: Gregor Gelbhaar, 1635-1641.
- Benedetti, Giovanni Battista. *Speculationum liber; in quo mira subtilitate haec tractata continentur.* Venice: Boretium, 1599.
- Lang, Joseph. *Artis mathematicae nimitum logisticae astronomicae, geometricae, astronomiae sphaericae, theoricae planetarum, geographiae...* Freiburg: Lazari Zetzneri, 1617.
- Ceulen, Ludolph van. *Van den circkel, daer in gheleert werdt te winden de naeste propertie des circkels-diameter teghen synen omloop, daer door all circkels...recht ghemeten connen werden...* Leiden: Joost van Colster, 1615.

- Belon, Pierre. *De aquatilibus, libri duo.* Paris: C. Stephanus, 1553.

Gifts of Ronald S. Wilkinson in memory of Ellen B. Wells:

- Lémery, Nicolas, 1645-1715. *Trattato dell' antimonio.* In Venezia : Per Gio: Gabriel Hertz, 1732. QD181.S3 L46 1732.
- Rivière, Lazare, 1589-1655. *Medicina practica in succinctum compendium.*
- Basileae [Basel] : Typis Jacobi Werenfelsi, 1663. R128.7 .R58 1663.
- Myron Kaller donated six volumes of out-of-print philately books and a range of issues of *American Revenuer* to the National Postal Museum Library.

Questionnaire

 We welcome and value your comments to this report, in addition to recommendations regarding future editions.

Please complete the following questionnaire, detach from the publication and return to the National Collections Program, A&I 3101, MRC 404.

1. How do you use the information presented in the Collection Statistics?

2. For your purposes, is the information currently found in the report appropriate and sufficient to your needs?

3. Is there other information you would like the report to include?

