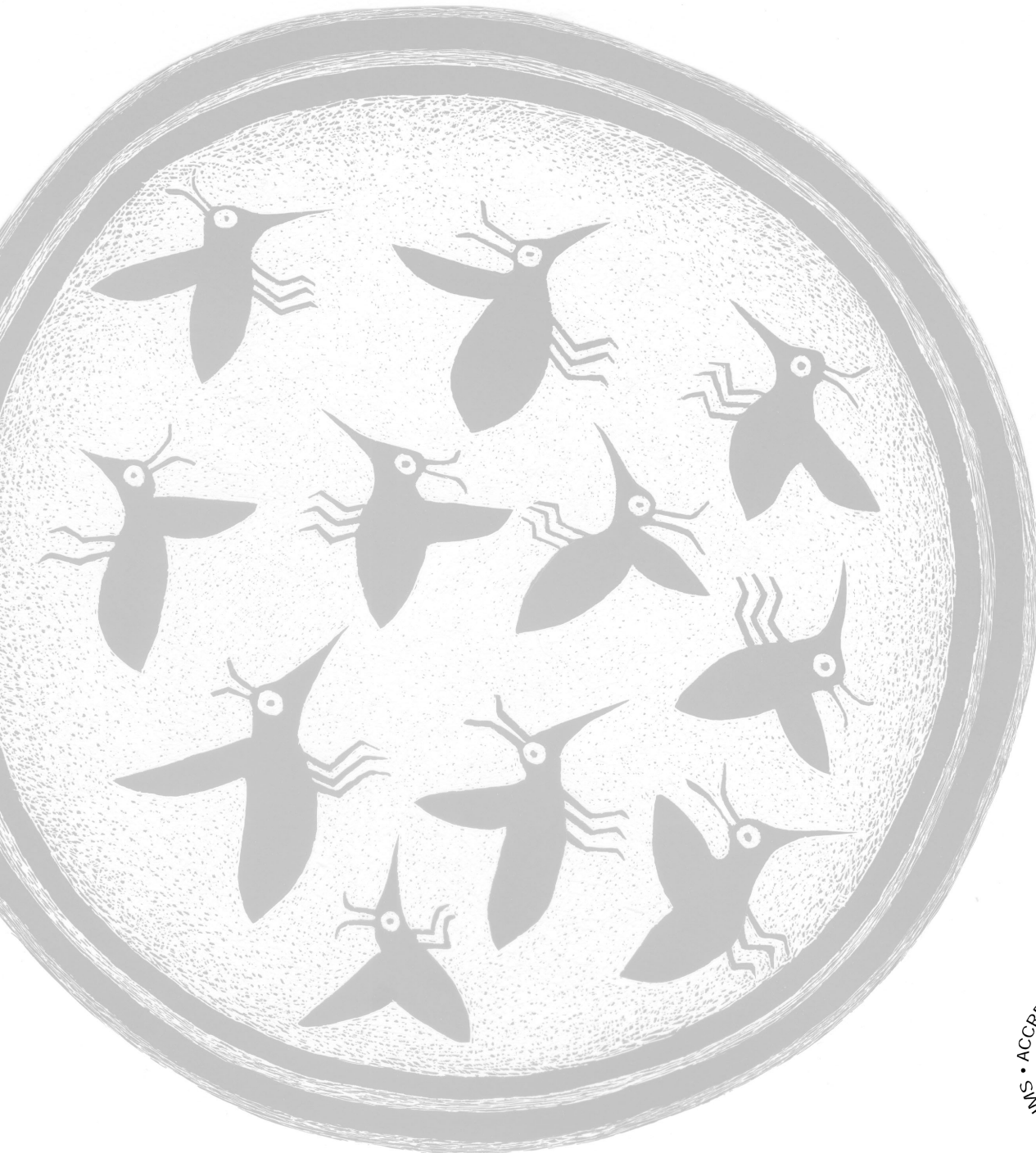


University of Colorado Museum

Annual Report

for Fiscal Year 2003



University of Colorado Museum

ANNUAL REPORT

Fiscal 2003

Mission Statement

The University of Colorado Museum promotes excellence in research in the natural sciences and anthropology, provides academic training for graduate students in the Museum and Field Studies Graduate Program, and provides extra-classroom educational opportunities to CU students, faculty and the general public through educational programming.

Priorities

The Museum's priorities are to support and encourage excellence in scholarly research in natural history and anthropology, to provide an archive of objects of natural and cultural history for the world-wide community of scholarship; to provide excellent graduate training in museum and field studies, and to provide broad access to our resources to the citizens of Colorado.

Accomplishments

The University of Colorado Museum was awarded interim accreditation by the American Association of Museums in August, 2002, and began preparations for the accreditation committee visiting team's review that occurred in April 2003. Throughout the Museum's Centennial Year, curators and staff participated in a series of monthly public lectures highlighting the history of Museum collections and current research. Dr. Jaelyn Eberle joined the Museum as Curator of Vertebrate Paleontology and the Department of Geological Sciences as Assistant Professor. On February 14, 2002, Tara Hess, the Museum's database/web manager and informatics specialist launched the Museum's new web site, <http://cumuseum.colorado.edu>, which has quickly become an invaluable resource for our constituents as well as for us. The Museum's informatics initiatives included the Botany and Zoology Sections participating in an NSF collaborative research project proposal, "Linked Databases and Interactive Key for the Vascular Flora of Colorado," and the Zoology section completing geocoding and electronically databasing all invertebrate and vertebrate collections. An endowment, "Research in Southwestern Anthropology," was established in the Anthropology Section. The Museum and Field Studies program admitted ten graduate students and two certificate students. Seven Museum and Field Studies students were awarded Masters of Science degrees. Ms. Karen Hebbel joined the Museum staff as Assistant to the Director.

Section Highlights

Museum & Field Studies Graduate Program

The Program received 36 applicants from all regions of the U.S. and one foreign country. Ten graduate students (average GPA 3.56) and two certificate students (average GPA 3.77) were admitted to the Program for academic year 2002-2003.

During the past fiscal year seven students were awarded M.S. degrees.

Students received \$283,828 in financial support through the M&FS Program and the Museum in the form of stipends, tuition remission, graduate appointment salary, and research scholarships and fellowships.

Public Section

The Museum received the 2003 Service Recognition Award from the Chancellor's Committee on Minority Affairs for its efforts in reaching underserved populations.

Twenty-five public programs were offered to the community.

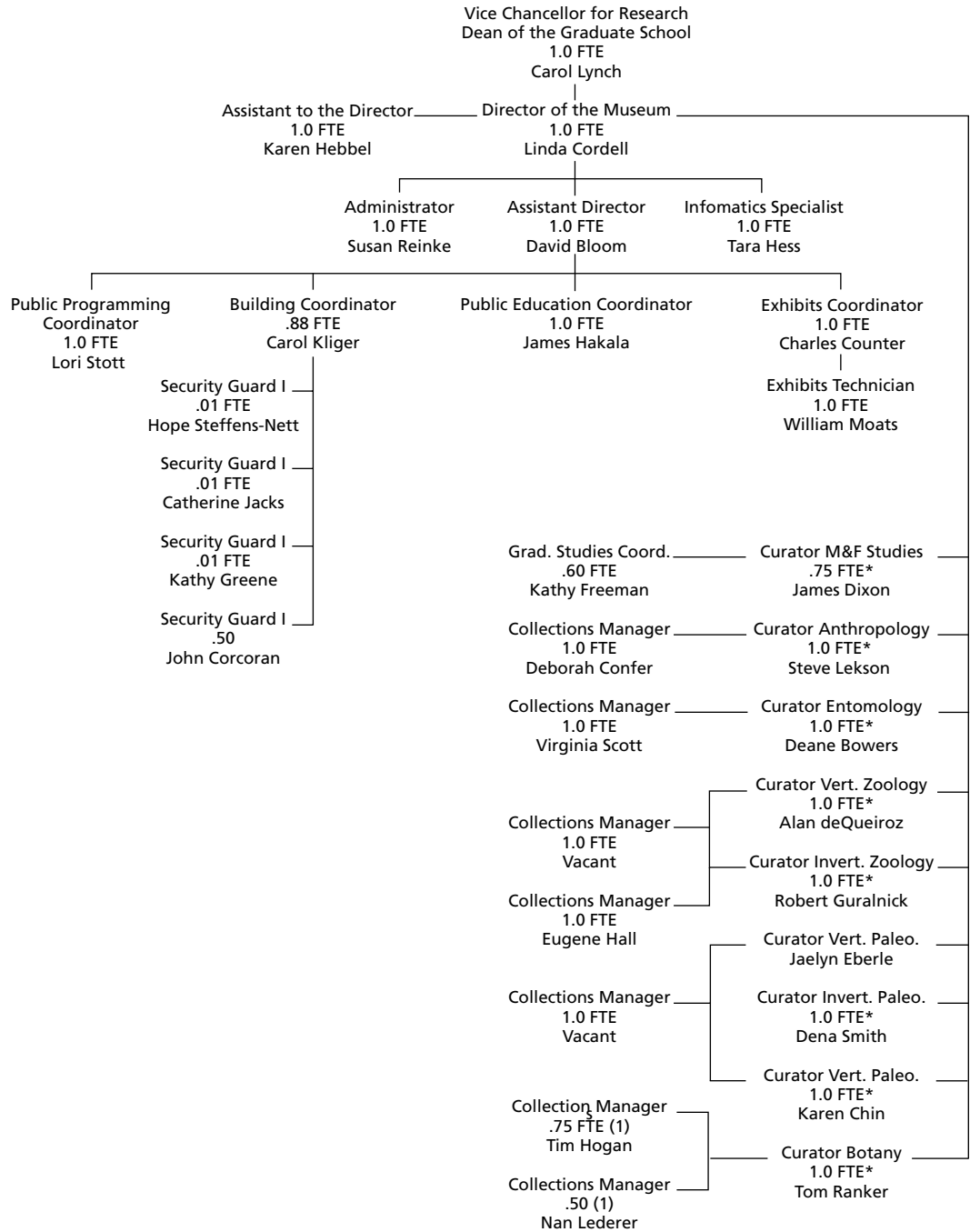
Education Coordinator Jim Hakala instituted workshops as an enhancement to K-12 tours. 18 workshops were attended by 352 students.

20 elementary schools in the Front Range used Discovery Kits to enrich classroom learning.

The exhibit Sand Island: Time Etched in Stone opened April 15, 2003.

Section Reports in detail can be found at our website: <http://cumuseum.colorado.edu>

University of Colorado Museum



* Rostered in Museum, tenured in cognate department

(1) Research appointment through 2/28/05 for an additional .15 FTE.

CU Museum Faculty and Staff

Faculty

M. Deane Bowers, Curator Entomology, Prof., EPO Biology
Karen Chin, Curator Vertebrate Paleontology, Asst. Prof., Geological Sciences
Alan deQueiroz, Curator Vertebrate Zoology, Asst. Prof., EPO Biology
E. James Dixon, Curator Museum and Field Studies, Prof., Anthropology
Jaelyn Eberle, Curator Vertebrate Paleontology, Asst. Prof., Geological Sciences
Robert Guralnick, Curator Invertebrate Zoology, Asst. Prof., EPO Biology
Steven Lekson, Curator Anthropology, Assoc. Prof., Anthropology
Dena Smith, Curator Invertebrate Paleontology, Asst. Prof., Geological Sciences
Thomas A. Ranker, Curator Botany, Assoc. Prof., EPO Biology

J. A. Harris, Curator Emeritus Paleontology
Peter Robinson, Curator Emeritus Geology, Prof. Emeritus
William Weber, Curator Emeritus Botany
Shi-Kuei Wu, Curator Emeritus Invertebrate Zoology

Collections Management Staff

Deborah Confer, Collections Manager, Anthropology
W. Eugene Hall, Collections Manager, Invertebrate Zoology
Tim Hogan, Collections Manager, Botany
Rosanne Humphrey, Collections Manager Zoology
Nan Lederer, Collections Manager, Botany
Paul Murphey, Collections Manager, Vertebrate Paleontology/Geology
Virginia Scott, Collections Manager, Entomology

Staff

David A. Bloom, Assistant Director
John Corcoran, Security Desk
Charles Counter, Exhibits Coordinator
Kathy Freeman, Graduate Program Coordinator, M&FS Program
Kathy Greene, On-Call Security Staff
Jim S. H. Hakala, Education Coordinator
Catherine Jacks, On-Call Security Staff
Karen Hebbel, Assistant to Director
Carol Kliger, Building Coordinator
Bill Moats, Exhibits Tech
Susan Reinke, Administrator
Hope Steffens-Nett, On-Call Security Staff
Lori Stott, Public Programs Coordinator

Research Staff

Robert Glaubitz, Professional Research Associate, NSF: Mapstedi (Guralnick)
Tara Hess, Professional Research Associate, Museum Informatics Specialist
(Cordell)
David Neufeld, Professional Research Associate, NSF: Mapstedi (Guralnick)

Museum Advisory Board 2002-2003

Steve Clarke
Jacqueline Sandblom
Carol Heepke
Joslyn Schoemer
Danielle Okin
Nancy Sievers
Glenn Porzak
Jack Stoakes
Janet Robertson
Zita Weinshienk
Brenda Romero
Letitia Williams
Joe Romig, *Chair*
Ruth Wright

CU Museum

FY2002 vs FY2003

	Fiscal 2002	Fiscal 2003	% Chg	FY02 As % of Total	FY03 As % of Total
Expenditures by Source of Funds					
General Fund (State appropriated)	1,716,134	1,688,091	(2)	85	72
Auxiliary Fund	37,086	54,432	47	2	2
Plant Fund	(220)	40,339	na	0	2
Restricted Fund					
Contracts and Grants	195,520	505,356	158	10	22
Gifts and Endowments	66,723	48,982	(27)	3	2
Total Expenditures by Source of Funds	2,015,243	2,337,200	16	100	100
Expenditures by Cost Category					
Faculty					
Regular	572,289	564,058			
Instructors	10,563	14,270			
Research	32,149	76,910			
PRA/RA	6,203	109,881			
Student Faculty	184,607	187,408			
Professional Exempt Staff	376,958	436,702			
Classified Staff	284,310	315,256			
Hourly	30,766	47,791			
Benefits	6,051	27,683			
Subtotal Personnel	1,503,895	1,778,612	18		
General Operating	403,447	517,474	28		
Tuition Remission and Scholarships	38,333	45,735			
F&A (ICR)	33,861	76,328			
Fixed Assets	96,209	67,333			
Net Transfers	(60,507)	(148,282)			
Subtotal Operating Support	511,343	558,588	9		
Total Expenditures by Cost Category	2,015,238	2,337,200	16		
Capital Expenditure: Bruce Curtis Building (MCOL) Renovation (2000-2002)					
Gifts and Pledges	3,968,235				
State of Colorado Match	2,044,243				
Total Project	6,012,478				
CU Foundation Museum Endowments and Current Funds					
Endowment Principal					
Student Scholarships and Fellowships	502,824	514,683			
Research	54,871	75,415			
Other Restricted	633,617	580,986			
Hugo Rodeck Director's Discretionary	37,600	44,690			
Total Endowment Principal	1,228,912	1,215,774	(1)		
Development, Membership, and New Gifts	17,300	25,019			
Endowment Earnings	99,295	61,921			
CU Foundation Balances	116,595	86,940	(25)		

Museum Visitors

	Visitors to Collections					Total	To Public Section	M&FS Prog.	Total Museum	%
	Anthro.	Bot.	Ento.	Paleo.	Zoo.					
University of Colorado	276	128	na	50	102	556	2,250		3,362	16
Colorado Residents, non-CU	149	267	81	3	13	513	8,065		9,091	44
K-12	na	na	–	10	na	10	7,192		7,212	35
US, non-Colorado	23	12	–	32	10	77	789		943	5
Non-US	1	0	–	–	2	3	na		na	0
Total visitors	449	407	81	95	127	1,159	18,296		20,614	100
Change over FY 2002	19%	39%	9%	53%	(25%)	23%	(6%)		(3%)	

Inquiries

Information requests, phone, written	194	121	70	61	155	601			601	
Feb. 14–June 30, 2003 (2)										
Website database access	na	7,901	5,251	na	na	13,152	na	na	13,152	
Website access total	1,492	10,999	7,901	2,110	2,319	24,821	47,435	7,486	79,742	
Projected Annualized										
Website database access	na	17,558	11,669	na	na	29,227	na	na	29,227	
Website access total	3,979	29,331	21,069	5,627	6,184	66,189	126,493	19,963	212,645	

(1) na: not tracked

(2) Due to variations in data collection, some categories of visitors have been derived from average rates to the collections overall.

(3) Web statistics effective from new website launch date 2/17/03 through the end of the fiscal year.

Public Section

Public Tours, Programs, and Education Workshops

Public Admissions by Category	CU	Non-CU	K-12	Staffed Tours		Non-Staffed Tours		Other	Total
				Tours	#Attend	Tours	#Attend		
Jul02-Dec02	821	3,837	1,134	52	1,342	19	418	1,109	8,661
Jan03-Jun03	1,140	3,893	1,420	46	1,088	39	957	1,137	9,635
	1,961	7,730	2,554	98	2,430	58	1,375	2,246	18,296
Percent of Total	11%	42%	14%		13%		8%	12%	100%
Non-CU Combined Total:							88%		

Public Programs

	Programs	Attendance
Jul02-Dec02	15	1,555
Jan03-Jun03	10	986
	25	2,541

Education Workshops

	Workshops	Attendance
Jul02-Dec02	19	398
Jan03-Jun03	19	411
	38	809

Section Highlights

Anthropology Section

Contributed curatorial expertise and artifacts for images in the exhibition Sand Island: Time Etched in Stone and curated upgrades to the Anthropology Hall.

The Southwestern Anthropology Research Fund was established through a gift from Ken and Ruth Wright.

Established and awarded the Joe Ben Wheat Undergraduate Prize for outstanding CU graduating senior in Anthropology.

Botany Section

Accessioned a large collection of specimens of the eastern plains of Colorado collected by University of Kansas.

Tim Hogan and Nan Lederer began floristic survey and documentation of vascular plants of Black Canyon of the Gunnison National Park and Curecanti National Recreation Area on DOI National Park Service contract.

Entomology Section

Hosted the 13th annual meeting of the High Country Lepidopterists Society.

Received two donated collections totaling 7,092 specimens.

Re-vialed two-thirds of the identified Spider collection.

Section Reports in detail can be found at our website: <http://cumuseum.colorado.edu>

Museum Collections Usage

	Anthro.	Bot.	Ento.	Paleo.	Zoo.	CU Museum
Loans (# loans)						
To CU faculty/students	0	5	4	6	31	46
To other institutions	0	14	10	15	22	61
Total loans	0	19	14	21	53	107
Specimens (# specimens)						
To CU faculty/students	0	18	51	0	365	414
To other institutions	0	900	887	0	2,311	4,098
Total specimens	0	918	938	0	2,676	4,532
Exchange						
# of exchanges sent	0	16	0	0	0	16
# of exchanges received	0	10	0	0	0	10
# of specimens sent	0	2,033	0	0	0	2,033
# of specimens received	0	1,455	0	0	0	1,455
Collection Growth						
Total Accessions						
(# specimens or localities)	22	3,362	8,617	37	3,099	15,137
Gifts (# of specimens)	22	1	7,092	0	171	7,286
Deaccessions (# of specimens)	88	0	200	0	0	288
Specimen Database Entry						
(# records)	425	8,125	1,729	1,264	27,879	39,422
% of Target						73%

Museum & Field Studies Graduate Program

Applicant and Graduate Statistics

Admission AY Entered (Fall)	2002	2003	1998 Inception to Date Avg.	2002-2003 Avg.	2002-2003 %
Number of applicants	36	57	41.2	46.5	
Average GPA	3.35	3.47	3.38	3.41	
Number accepted	12	12	12	12	
Average GPA	3.60				
Incoming class/students admitted	12	9	10.5	10.5	
In-state admitted	5	5	6.8	5	48
Out-of-state admitted	7	4	3.7	5.5	52
Withdrew					
Graduated	7				
Total number of MS students enrolled	21	24		16.6	21
Total number of certificate students admitted	2	0			
Total number of certificate students enrolled	3	2			
Certificate students completed	1				

Admission AY Entered (Fall)	1998	1999	2000	2001	2002	2003	Avg.
MS students admitted	10	11	12	9	12	9	10.5
Of these students:							
Average years to completion from year of admission:							
Within two	7	8	7	7	N/A	N/A	7
Greater than two	3	1	4	2	N/A	N/A	3
Withdrew—M&FS students	0	2	1	0			3
Withdrew—Certificate students			2				
MS students graduated (of admitted class)	10	9	11	9			
Graduate placements within a year	10	9	11		N/A		
% of graduating class	100	100	100				

CU Museum Faculty Research, Teaching, and Service

	Anthro.	Bot.	Ento.	Paleo.	Zoo.	Public.	Museum
Number of:							
Scholarly Publications	15	8	3	7	8	1	42
Academic Courses Taught	3	5	2	7	5	5	25
Public Lectures/Classes/Invited/Professional Seminars/Educational & Research Field Trips	19	9	9	15	5	24	84
Students Advised/Mentored	2	5	3	6	9	6	31
Professional Conferences/Workshops Attended	2	1	10	5	3	10	31
Staffed Gallery or CollectionsTours	1	6	2	4	1	138	152
Media, News Coverage	3	0	0	6	0	3	12

Paid Staff

Classification	Type	Headcount	Calc FTE	Expenditure	%
Academic	Tenure/Tenure-Track	9	9.0	564,058	
	Instructors	3	0.7	14,270	
	Graduate Assistants	13	7.4	159,568	
	Other			5,800	
	Subtotal	25	17.1	743,696	42
Research	Research Faculty/PRA	6	3.9	180,991	
	GRA	1	3.9	27,840	
		7	7.8	208,831	12
Professional Exempt		6	5.8	436,702	25
Classified Staff		9	7.9	315,256	18
Student Hourly		22	3.0	47,791	3
Totals		76	49.4	1,752,276	0
	Direct Charge Benefits:			27,683	

Section Highlights

Paleontology Section

Jaelyn Eberle was hired as Curator of Vertebrate Paleontology.

Peter Robinson retired after 41 year of service to the Museum, including over a decade as director.

Jaelyn Eberle and Karen Chin begin field work in the Canadian Arctic funded by NSF.

Dena Smith introduced and taught a new M&FS course Introduction to Scientific Illustration.

Zoology Section

Completed geocoding and electronically databasing all Invertebrate and Vertebrate collections.

Rob Guralnick conducted field and lab work on Montane Mollusk and Crayfish Survey funded by Colorado Department of Natural Resources.

Invertebrate Zoology collection manager position was upgraded to fulltime. Gene Hall continues to serve in this position.

The Section offered a graduate practicum to M&FS students.

Section Reports in detail can be found at our website: <http://cumuseum.colorado.edu>

Sponsored Research Grants and Awards Received

Principal Investigator	Museum Title	Granting Agency	Short Title	\$ Award New	\$ Award Continuing
Deane Bowers	Curator	CU-FA	Faculty Fellowship for AY04	40,000	
Deane Bowers	Curator	CU-CRCW	Sabbatical Research Support	5,620	
Karen Chin, Jaelyn Eberle	Curators	NSF	Paleoenvironment, Paleoecology of Late Cretaceous, Canadian Arctic	235,689	
Karen Chin	Curator	CU-CRCW	Paleoecology of Ancient Lake	5,000	
Deborah Confer	Collect. Mgr.	DOI-BOR	Curation of Museum Collections (supplemental)		6,000
Linda Cordell, Dave Bloom	Director; Asst. Dir.	CU-PFHum	Public Program: Mimbres: Lives and Landscapes	1,630	
Linda Cordell, Tom Ingersoll	Director; PRA	State of Colo.	Bats/Inactive Mines Project	24,465	
Jim Dixon	Curator	CHS	Museum Plan Development: Lamb Spring		78,335
James Dixon, Thomas Manley	Curator; INSTAAR	NSF	Archeology of Alaska Glaciers and Snowfields Phase II	259,267	
Tim Hogan	Collect. Mgr.	DOI-NPS	Floristic Inventory—Northern Colorado Plateau Network	41,642	
Steve Lekson	Curator	CU-GCAH	Warm Spring Apache Ethnohistory	1,000	
Steve Lekson	Curator	CU-CRCW	Archeol. Survey, Alamosa Creek, NM	4,335	
Steve Lekson	Curator	NPS	Chaco Project: Synthesis of Change		67,614
Steve Lekson	Curator	ACLS	ACLS Faculty Fellowship: Sabbatical AY04	27,648	
Thomas Ranker	Curator	NSF	J.Ott Geiger: Dissertation: Dryopteridaceae		9,125
Thomas Ranker	Curator	NSF	J.Ramp: Disrt'n: Vernal Pool Asteraceae		9,814
Thomas Ranker	Curator	CU-CRCW	Molecular Sys., Grammitidaceae		585
Dena Smith	Curator	CU-CRCW	JFDA: Fossil Insects and Plants, Stewart Valley		7,000
Dena Smith	Curator	CU-CRCW	JFDA: Fossil Insects and Plants, Stewart Valley		5,000
Robert Guralnick	Curator	State of Colo.	Montane Mollusk and Crustacean Surveys in Western Colorado	25,590	
Robert Guralnick	Curator	NSF	Mountain and Plains Spatio-Temporal Database- Informatics Initiative (MAPSTeDI); DMNH,DBG		151,641
Robert Guralnick	Curator	CU-FA	Junior Faculty Development Award		5,000
Paola Villa	Curator Adj.	NSF-Leakey	Alternative Pathways to Behavioral Modernity	36,351	
Paola Villa	Curator Adj.	Leakey Found.	Alternative Pathways to Behavioral Modernity	8,500	
Paola Villa	Curator Adj.	French Ministry	Bois Roche Excavated Materials Analysis	7,575	
Paola Villa	Curator Adj.	Charente	Taphonomy Analysis of Materials of Bois Roche	7,776	

New Grants and Awards:	16		732,088	
Continuing Grants and Awards:	10			340,114
Total Activity:	26	1,072,202		

Proposals Submitted

Principal Investigator	Submitted Through	Agency Source	Short title	\$ Amount	Status
Dave Bloom, James Hakala, Cath Regan	Museum	City of Boulder, YOAB	Science After School at the CU Museum	4,138	Declined
Dave Bloom, Lori Stott	Museum	Daily Camera	Media sponsorship: Todd Skinner Program	1,695	Declined
Dave Bloom, Lori Stott	Museum	Gay & Lesbian Fund	Speaker sponsorship: Todd Skinner Program	5,000	Declined
Jaelyn Eberle	Museum	ACS/Petroleum Res	Canadian Arctic-wide Paleogene Biostratigraphy	35,000	No Action
Jaelyn Eberle	Museum	NSF	Tertiary Climate Change in Terrestrial and Coastal Environments, Arctic		
Jaelyn Eberle	Museum	Nat'l Geographic	Search for Eocene Vertebrates in the Canadian High Arctic	29,630	Awarded, FY04
Robert Guralnick, Jonathan Krieger, Thomas Ranker	Museum, EEB	NSF	Dissertation: Evolution of Developmental Modules of Fern Genus <i>Pleopeltis</i>	6,795	Declined 4/29
Steve Lekson	Museum	NSF	REU Site: University of Colorado Archaeology Research Site	149,500	Declined 2/28
Steve Lekson	Museum	NEH	Ancient Pueblo World: Revelations of Chaco		Declined 6/23
Thomas Ranker, Robert Guralnick, Tim Hogan, Nan Lederer	Museum	NSF	Collaborative Research: Linked Databases and Interactive Key for Vascular Flora of Southern Rocky Mountain Region	69,829	Awarded 8/03
Thomas Ranker, Robert Guralnick, Dave Bloom, Charles Counter, James Hakala	Museum	NSF	Biodiversity Science Education Project	2,034,150	Declined 11/02
Thomas Ranker and Jenn Ott Geiger	Museum	NSF	Origin of the Hawaiian Pteridophyte Flora	416,950	Declined 11/02
Thomas Ranker and Jenn Ott Geiger	EPOB	AAAS	International Collaboration in New Zealand; WISC Program	7,396	Declined 5/1
Thomas Ranker and Jenn Ott Geiger	EPOB	AAAS	International Collaboration in New Zealand	7,396	Declined 8/02
Dena Smith, Eugene Hall	Museum	NSF	Computerization and Reorganization of Invertebrate Paleontology Collections	432,000	Declined

Proposals Not Funded in Fiscal 2003

15

3,559,493

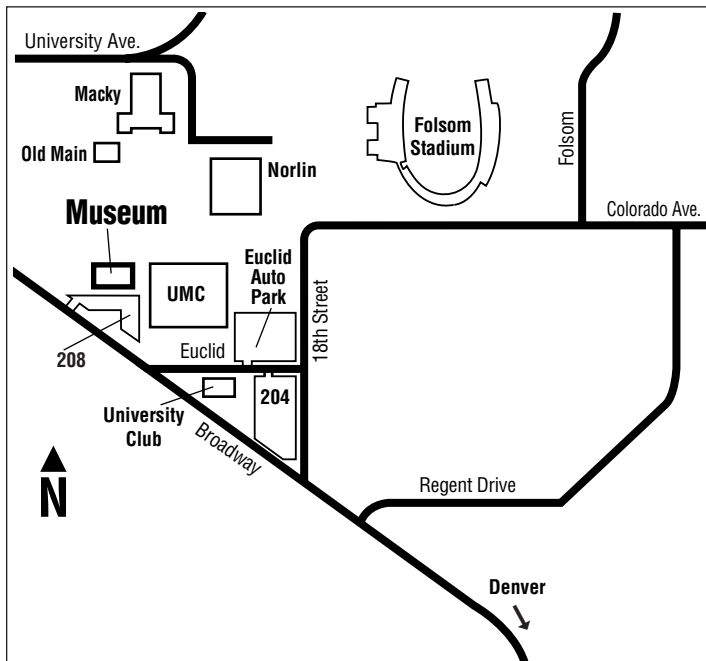
In Kind Support:

Requestor: Dave Bloom, Asst. Dir.; Charles Counter, Exhibits Coordinator; and Bill Moats, Exhibit Tech.

Sponsor: Reed Photo

Exhibit: Sand Island: Time Etched in Stone, for 40% In Kind gift on all printing costs

Amount: \$5,000



On the Boulder campus in the Henderson Building at 15th and Broadway. Visitor parking is available at Euclid and 18th at the AutoPark. An RTD bus stops at 14th and Broadway.

Museum Hours

Monday through Friday 9:00 am – 5:00 pm

Saturday 9:00 am – 4:00 pm

Sunday 10:00 am – 4:00 pm

Open year round. Closed holidays.

303-492-6892.

<http://cumuseum.colorado.edu>



