

Accession No.:2006-11

PROCESSING RECORD  
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

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Craig, Harmon Bushnell 1926-2003

Harmon Bushnell Craig Papers, 1965-2003

Physical Description: 15 mss; 1 shoe box

Description: The accession includes Craig's student notes taken at the University of Chicago, correspondence, memoranda, telegrams, and subject files relevant to his scientific work and his association with the Scripps Institution of Oceanography. The accession includes a file of material concerning the Vetlesen Prize awarded to Harmon Craig in 1987. The accession includes a box of files documenting Craig's teaching, including lecture notes. The accession includes a box of floppy disks and computer files in various formats. The accession consists of papers from the Craig home.

American geochemist and oceanographer

Geochemistry; Oceanography

**Harmon Craig****Papers, 1965 – 2003****Accession Number 2006-11**

<b>Box</b>	<b>Folder Title</b>
<b>1</b>	Popes and Caesars, [n.d.]
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	Popes and Caesars, [n.d.]
	Popes and Caesars, [n.d.]
	Popes and Caesars, [n.d.]
	David Fisher Confidential Stuff, [1993]
	Papers, [1982-2003]
	Papers, [1982-2003]
	Papers, [1982-2003]
	Papers, [1982-2003]
	McMaster University Correspondence, [1975-2002]
	Fractional Extraction of helium by crushing of olivine and clinopyroxene phenocrysts: effect on the $^3\text{He}/^4\text{He}$ measured ratio, [1999]
	Fractional Extraction of helium by crushing of olivine and clinopyroxene phenocrysts: effect on the $^3\text{He}/^4\text{He}$ measured ratio, [2000]
	$^3\text{He}/^4\text{He}$ isotopic ratio characterization of the Polynesian region: the society and Cook-Austral chains, [2000]
	$^3\text{He}/^4\text{He}$ isotopic ratio characterization of the Polynesian region: the society and Cook-Austral chains, [2000]
<b>2</b>	Oversize: floppy discs and a roll of film
<b>3</b>	H. Craig Spectrometer Notes, II/III Hydrogen Analysis [n.d.]

**Box**  
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**Folder Title**

- I. The Principles of Distribution of Chemical Elements in Minerals and Rocks,
- II. The Geochemical Background of Minor-Element Distribution, VM Goldschmidt [n.d]

Tritium – Chicago Reports, [1956-1957]

Tritium – Chicago Reports, [1954]

Tritium – Chicago Reports, [1956]

Tritium – Chicago Reports, [1955]

Atmospheric H<sub>2</sub> D+T Content, [1960-1961]

Atmospheric H<sub>2</sub> D+T Content, [1954-1960]

Atmospheric H<sub>2</sub> D+T Content, [1941-1959]

Tritium Letters, [Correspondence 1956-1957]

Tritium Reprints, [1954-1958]

Tritium Paper, [1950-1963]

Tritium Paper, [1959]

Tritium Paper, [n.d.]

Solution Evaporation Theory, [n.d.]

Solution Evaporation Theory, [n.d.]

Bat-Sheva Seminar on the Mechanism of Evaporation and Gas Exchange in Nature, [1974]

Bat-Sheva Seminar on the Mechanism of Evaporation and Gas Exchange in Nature, [1974]

Notes, Israel, [1974]

Evaporation-Exchange Isotope Effects, [n.d.]

Evaporation-Exchange Isotope Effects, [n.d.]

Evaporation-Exchange Isotope Effects, [n.d.]

Stable Isotope Fractionation Due to Evaporation and Isotopic Exchange of Falling Water Drops,  
[n.d.]

<b>Box</b>	<b>Folder Title</b>
<b>4</b>	Articles, [1950-1971]
	Articles, [1952-1970]
	Articles, [1970]
	Correspondence, [1969-1970]
	LILI-Israel, [1974]
	LILI-Israel, [1974]
	LILI-Israel, [1974]
	MS in Progress, [1963-1964]
	MS in Progress, [1951-1962]
	Diffusion References, Penetration Models, etc. [1962-1963]
	Diffusion References, Penetration Models, etc. [1950-1967]
	Diffusion References, Penetration Models, etc. [1949-1967]
	Diffusion References, Penetration Models, etc. [1944-1965]
	Carbonate Analyses C13 and O18 Chicago Lab, [n.d.]
	H. B. Craig, Geology 240, A New Projection Protractor, [1941]
	Boiling Experiments D and O18, [1954]
	ES-101 Geology, Geologic Time. Age Methods and C14 and Cosmogenic Geochemistry, [1969]
	ES 101-Thermo Lectures, [1970]
<b>5</b>	ES-102, International Geochemistry, [1967]
	Earth Sciences 102, Final Exam, [n.d.]
	Flow Diffusion, Sweep Diffusion, Chromatography Diffusion References, [1947-1951]
	Regular Solution References, [1935-1952]
	Regular Solution References, [1920-1953]

<b>Box</b>	<b>Folder Title</b>
<b>5</b>	<p>Labs, [1967-1988]</p> <p>Medicine Bow Field Camp, [n.d.]</p> <p>Encampment, Wyoming, Maps and Notes, [n.d.]</p> <p>Oversize: Chicago</p> <p>Hydrogen Isotopic Compositions of Hydrogen and Methane from Some Volcanic Areas in Northeastern Japan</p> <p>Data [n.d.]</p> <p>Origin of Methane-Rich Natural gas in Japan: Formation of Gas Field Due to Large-Scale Submarine Volcanisms</p>
<b>6</b>	<p>Japan: Papers Natural Gases and Helium [1984-1985]</p> <p>[Articles, 1982-1985] Japan: Nat. Gases and Helium</p> <p>[Correspondence, 1985-1993]</p> <p>[Correspondence, 1987]</p> <p>Balzan Correspondence, [1998]</p> <p>[Correspondence, 1981-1986]</p> <p>[Correspondence, 1991-1992]</p> <p>[Correspondence, 1993-2000]</p> <p>[Correspondence, 1992]</p> <p>[Correspondence, 1992-1995]</p> <p>[Correspondence, 1997-2000]</p> <p>Tommy Gold [Correspondence, 1989-1998]</p> <p>Tommy Gold [Correspondence, 1992-1997]</p> <p>[Correspondence, Cards, 1983-2003]</p> <p>[Correspondence, letters, cards, 1983-1992]</p>

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<b>6</b>	[Correspondence, letters, cards, 1997-1993]
	[Correspondence, 1989-1993]
	[Correspondence, 1973-2003]
	Sample Letters of Introduction French, Spanish, English, etc. [1982-1997]
	Sample Letters of Introduction, French, Spanish, English, etc. VISA Forms [1979-1991]
<b>7</b>	[Correspondence, Articles, 1987-1992]
	[Correspondence, 1977-1997]
	[Melville Communications, 1973]
	[Correspondence, 1973-2001]
	[Correspondence, 1981-1984]
	GSA News and Information, October 1990
	[Correspondence, etc. , 1993]
	[Nora, 1967]
	[Correspondence, 1988-1993]
	[Correspondence, 1987-1992]
	[Correspondence, 1979-1996]
	[Correspondence, 1986-1997]
	Frogs Papers, [1993]
	Arrhenius, 1985
	[Correspondence, 1985-1999]
	SR Garrels [1990]
	Savannah River [1962-1972] Data, Chemical S34, D-O.8, AN40, U, Tu, He, etc.
	Savannah River [1962-1972] Data, Chemical S34, D-O.8, AN40, U, Tu, He, etc.

<b>Box</b>	<b>Folder Title</b>
<b>7</b>	Tech RPT. VG 5940, 1992-1993
	[Correspondence, 1988-2000]
	[Correspondence, 1986-2003]
	Confirming Copies of Telegrams, [1986-1989]
	Confirming Copies of Telegrams, [1984-1988]
	Confirming Copies of Telegrams, [1982-1988]
	Confirming Copies of Telegrams, [1980-1982]
<b>8</b>	Confirming Copies of Telegrams, [1977-1980]
	Confirming Copies of Telegrams, [1975-1977]
	[Correspondence, 1974-2003]
	Easter, Tahiti, Kon Tiki
	[Papers, Correspondence, 1992-1998]
	[Christmas Cards, 1996]
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	[Correspondence, 1979-2003]
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	Japanese Lakes, Porposal, [1975-1989]
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<b>Box</b>	<b>Folder Title</b>
<b>8</b>	[Correspondence, 1991-2002]  [Correspondence, 1979-2000]
<b>9</b>	Paperwork for Vetlesen Prize [1987]  Paperwork for Vetlessen Prize [1987]  [Correspondence, 1989-1998]  [Correspondence, 1991]  [Correspondence, 1990]  [Correspondence, 1976-2000]  [Correspondence, 1993-1999]  Balzan Prize Correspondence, [1998-1999]  Balzan Prize Correspondence, [1998]  Balzan Prize Correspondence, [1998]  Correspondence, [2002]  [Correspondence, 1992-1993]  Fund Management for 5384 [2000-2001]  Research, Research Grant Proposal [1996]  Budget Correspondence, [1998]  Budget Correspondence, [1998]  LT-7S Gravity Cores [1975-1978]  LT-7S Gravity Cores [1975]  Reid File, [1972-1982]  Reid File, [1972-1982]  Reid File, [1972-1982]



<b>Box</b>	<b>Folder Title</b>
<b>10</b>	Irwin Files, [1993]
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	Irwin Files, [1993]
	Irwin Files, [1993]
	Irwin Files, [1993]
	The Scientist, WAN, EQ, etc, [1986-1990]
	Letters, LAL case, [1993]
	The D Word, [1957-1985]
	LAL Case: MacDougall, Kastner, [1992-1993]
	LAL Case: MacDougall, Kastner, [1992-1993]
	LAL Case: Docs, [1962-1992]
	LAL Case: Exterior Letters (UCSD), [1992-1993]
	LAL Case: Director SIO and Chemists, [1993]
	LAL Case: Director SIO and Chemists, [1993]
	Rosenblatt File and FISA, [1992-1993]
	Rosenblatt File and FISA, [1992-1993]
	LAL Case Papers (Carbon), [1986]
	LAL Case, Letters to LAL, Copies, [1992-1993]
	LAL Case, Letters to LAL, Copies, [1992-1993]
	Brian Clarke Correspondence, [1970-2002]
	Brian Clarke Correspondence, [1970-2002]
	Correspondence, [2002-2003]
<b>11</b>	Papers, [1962-1994]
	Papers, [1962-1994]

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Papers, [1992-2003]

Papers, [1992-2003]

A Second-Order Rate Law for Helium and CO<sub>2</sub> Release in Sequential Crushing of Olivine, Cpx, and Volcanic gases, [1999]

Fraction extraction of helium by crushing of olivine and clinopyroxene phenocrsts: effects on <sup>3</sup>He/<sup>4</sup>He measured ratio, [1990]

Fraction extraction of helium by crushing of olivine and clinopyroxene phenocrsts: effects on <sup>3</sup>He/<sup>4</sup>He measured ratio, [2000]

Fraction extraction of helium by crushing of olivine and clinopyroxene phenocrsts: effects on <sup>3</sup>He/<sup>4</sup>He measured ratio, [2000]

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Paolo Correspondence, [2000]

Paolo Papers, [1992-1999]

<b>Box</b>	<b>Folder Title</b>
<b>12</b>	Paolo Papers, [1992-1999]
	Paolo Papers, [1992-1999]
	Paolo Papers, [1992-1999]
	Irwin Correspondence, [1993]
	Irwin Correspondence, [1993]
	Irwin Correspondence, [1993]
	Lal Papers, [1965-1970]
	Group Papers on Trucks, [1999]
	Lal 3 copies, [1991-1993]
	Correspondence, [1979-1981]
	Science, French Letter, [1993]
	Science, French Letter, [1993]
	Science, French Letter, [1993]
	A Second-Order Rate Law for Helium and CO <sub>2</sub> Release in Sequential Crushing of Olivine, Cpx, and Volcanic gases, [1999]
	A Second-Order Rate Law for Helium and CO <sub>2</sub> Release in Sequential Crushing of Olivine, Cpx, and Volcanic gases, [1999]
	<sup>3</sup> He/ <sup>4</sup> He isotopic ratio characterization of the Polynesian region: the society and Cookaustral chains, [2000]
	MS + Refs, [n.d.]
	Talley MS Papers, [1993-1994]
	Talley MS Papers, [1993-1994]
<b>13</b>	More Plagiarism (LynneTalley), [1991-1994]
	More Plagiarism ( LynneTalley), [1991-1994]
	More Plagiarism ( LynneTalley), [1991-1994]

<b>Box</b>	<b>Folder Title</b>
<b>13</b>	Paolo Scarsi, [1999]
	Edmond Case, [1980-1993]
	Papers, [1992-2003]
	Papers, [1992-2003]
	Papers, [1992-2003]
	Papers, [1992-2003]
	Final Exam SIO-251, [1979]
	Sensitive Hems, [1967-1991]
	Teaching Evaluations, [1973-1987]
	Teaching Evaluations, [1973-1987]
	Teaching Evaluations, [1973-1987]
	Exam Information and Correspondence, [1979]
	Exam Information and Correspondence, [1979]
	Oversize: boxes of samples
	Oversize: Powders from Greek Sculptures
<b>14</b>	Greece-Maps
	Herz Papers, L. Weiss, H. Nissen : Marbles
	Greece – Working File
	General Geology Isotopes CaCo3
	Paros
	Naxos: Isotopes (papers)
	Naxos
	Oversize Box

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**Folder Title**  
General Notes

Analyses Isotope Lab

Greek Marbles Paros

Paros Geological Survey

Marble File

Magazine Cutouts

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Various Maps

Princeton University

Marble

Letters General

Greek Marble Program

Ashmole

Haynes – British Museum and B Cook

S Howard

Stewart (Otago)

I Love

H. Thompson Princeton

T. Leslie Shear

WAP Childs

WARD Perkins British School Rome

Herz

Letters to Answer Greece

OSU PROP

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**Folder Title**

Archeology MS. (P. Katz)

UCSD Research Grant

Ac Reprints

Greece National Geographic Proposal

Greek Marbles Clippings

General Papers Articles

Letters Greece

Chemical Data : ALL

Chemical: Summaries

Brass: Sr87 Data

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Diffusion Models, [1967]

Diffusion Models, [1967]

Diffusion Models, [1967]

M Chem Class Notes, Rayleigh Processes and Problems, [1972]

SIO 252A, Nuclear Geochemistry, [1969-1982]

SIO 252A, Nuclear Geochemistry, [1969-1982]

SIO 252A, Nuclear Geochemistry, [1969-1982]

SIO 252A, Nuclear Geochemistry, [1969-1982]

SIO 252A, Nuclear Geochemistry, [1969-1982]

SIO 252A, Nuclear Geochemistry, [1969-1982]

SIO 252A, Nuclear Geochemistry, [1969-1982]

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<b>17</b>	Thermo Problems 251, [n.d.]
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	Thermo Problems 251, [n.d.]
	SIO 269-B, [1988]
	Mixtures + Solutions, [n.d.]
	Mixtures + Solutions, [n.d.]
	SIO 202, Atmospheric Geochemistry, [1983]
	SIO 202, Atmospheric Geochemistry, [1983]
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<b>18</b>	SIO 202, Atmospheric Geochemistry, [1983]
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	Thermo: Book I [n.d.]
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	Chemical Thermodynamics, [n.d.]
	Thermo: Book II [n.d.]
	Thermo: Book II [n.d.]
	Thermo: Book II [n.d.]
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	Correspondence, [1965-1968]
	Correspondence, [1965-1968]
	Lecture Notes, [n.d.]
Lecture Notes, [n.d.]	

