

Accession No.: 2004-59

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Craig, Harmon Bushnell 1926-2003

Harmon Bushnell Craig Papers, 1985-2003

Physical Description: 29mss

Description: The accession consists of papers of geochemist and oceanographer Harmon Craig kept at his home office in La Jolla, California. The accession includes correspondence dated 1985-2000, research files on World Ocean Circulation Experiment WOCE, gases, geothermal activity at Steamboat Springs, Yellowstone and other sites and Ice Cores. The accession includes material on expeditions to the Pacific Ocean and Africa including Pascua.

Pascua Expedition (1983); Scientific Expeditions; Geochemistry Study and teaching Oceanography

Harmon Craig
Papers, 1985-2003

Accession Number 2004-59

Box
1

Folder Title

D O18 T Meteorology

Articles 1965

Natural Wonders 1953

Natural Wonders 1958

Natural Wonders 1956

Natural Wonders Discarded River Samples

Latest T Calculations

D/H Analytical Papers

Scammons Lagoon

Pingo Problem

D/H Standards

ATM CK

Articles 1960

Ocean Diffusion ATM

Articles 1969

2

Articles 1950-1973

Class Resources

Articles 1938-1970

Articles 1960

| Box | Folder Title |
|------------|---------------------------------|
| 2 | Articles 1963-1967 |
| | Review of Geophysics |
| | Papers 1952 |
| | Soln Evap |
| | ATM CI |
| | Psuedoadiabats |
| | Psuedoadiabats 1956 |
| 3 | Rain Clouds |
| | Saline Waters |
| | Evap: Lakes |
| | PPT Modes |
| | Hydrology Evap |
| | ATM IT DO |
| | Evap Reprints |
| | Evap from the 17 Western States |
| | WOCE |
| 4 | Mantle Isotopes |
| | Biological Fractionation |
| | HE in Xenolithes |
| | Biological Fractionation |
| | E Hailey Snow |
| | T- 3HE |

| Box | Folder Title |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4 | Indonesia Gases INC, DEW Alvin Proposals |
| 5 | Papers 1972 China EQ Alvin JD Oceanic Gases Iceland Papers East Pacific Rise Deep Ocean Tracers |
| 6 | Deep Ocean Tracers Mike L. Tanga LT-73 Lakes Papers Rare Gases Porcelli Hawaiian Helium Dead Sea Malawi AROW Papers 1994 Leeman |

| Box | Folder Title |
|------------|----------------------------------------------------------|
| 6 | Oregon |
| 7 | Siljan Current |
| | Data Ok |
| | Papers 1992 |
| | Atmosphere |
| | Helium |
| | Ice Helium |
| | Arrow Head |
| | Yellow Stone |
| | HE Isotopes |
| | Papers June |
| | Earthquake Isotopes |
| | Kr Ar |
| | Dead Sea He |
| 8 | Probably Anitipode |
| | RIS Papers |
| | Ethiopia Papers |
| | Ethiopia, Craig, Scarsi, Original Files from Home Office |
| 9 | Israel File, Jordan Rift D-H 0'8 Dead Sea Water Springs |
| | Papers, 1970-1977 |
| | Dead Sea Original Craig File |
| | Misc Notes HC X 1988 |

Box
9

Folder Title
Home Office O18 Papers

Gases in Ocean: Theory

Home Office, Fes Slags

Kenya Misc

Papers ND

Ejectamenta of Katwa

Lake Tanganyika

Millero-LT Paper

LT Edmond Data

St. Springs: Carbonates

Papers 1953-1963

S. Springs Chem Data

Closed Basins

Rain Snow and Ice Samples

Steamboat Springs, NV

10

DE White Correspondence

Steamboat Springs Manuscript

Type I Hotsprings

Geothermal Hotsprings

Salton Sea Area

Papers 1954

Steamboat Springs D-O

| Box | Folder Title |
|------------|----------------------------------|
| 11 | Steamboat Springs Tables |
| | Steamboat Springs Diss. |
| | SS: Gases |
| | Salton Sea o 18 |
| | Articles 1987-1989 |
| | Papers 1961-1968 |
| | S. Sea Clayton |
| | Dew: Letters Water Samples |
| | S. Sea SIO Chem. |
| | S. Sea Notes |
| | Cerro Prieto |
| | S. Sea Geothermal Field Reprints |
| 12 | The "Geochemistry of Everything" |
| | Correspondence 1991-2001 |
| | Papers 1987-2001 |
| | Research 1998-1999 |
| | Correspondence 1995-2000 |
| | Data 1989 |
| | Correspondence 1984-1993 |
| | Papers-1987-2001 |
| | BWIRE OJIAMBO |
| | Federal Assistance The Regents |

| Box | Folder Title |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 12 | Correspondence 1984-1999 1994-Xenoliths Corr. Papers 1986-1993 Correspondence 1986-1999 |
| 13 | Correspondence 1996 Letters Kenya Logistics Kenya: Letters Papers, 1980-1993 Papers, 1992-1999 |
| 14 | Correspondence 1983-1994 Craig-Fairley Correspondence Correspondence 1980-1999 |
| 15 | Correspondence 1992-2002 National Geographic Society Xenon Articles Xenon, Nobel Gas State Xenon, Japan-US |
| 16 | Maui Volcano Xenon Xenon Cover Sheet Xenon Graphs |

| Box | Folder Title |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16 | Xenoliths Neon, Argon, and Helium |
| 17 | Neon Argon, and Helium Isotopes Basalt Geology Basalts Basalt McDonald Basalts Minerals Helium and Rare Gases Articles 1969-1997 |
| 18 | Articles 1986-1989 Papers 1991 Data 1991 Geochemical Evolution Chronology of Volcanism Periodical Geochemical Evolution Articles Implications of Continental Articles Data Geodynamics of the African-Arabian Rift Zone Articles 1987-1992 MN Nodules |

Box
19

Folder Title
MN Nodules

Articles

Partial Melt Distributions

SR and ND Isotope

Papers

WOCE

Deep Ocean Tracers

Deep Ocean Trenches

Data Graphs

Papers

Correspondence

Maps

Horizon Profiles

20

Horizon I Final Draft

Articles Papers

Use of Oxygen as a Test

Ocean Science Meeting

GOTE FESTE

Deep Zonal Subequatorial Currents

Oceans

Articles

Expedition Prospectus

| Box | Folder Title |
|------------|----------------------------------------------------------------------|
| 20 | Helios Expedition |
| | Hydros Expedition |
| | On the Mid |
| | Deep Zonal Subequatorial Currents |
| | Correspondence |
| | Helios Transparencies |
| | Articles |
| | Cover Sheet for Proposals |
| | Geophysical Research |
| 21 | He3 Flux Calc. |
| | Particles |
| | Lake Tahoe |
| | Articles |
| | Antarctic Lakes |
| | Molecular Diffusion |
| | Effects of Monomolecular Films on Evaporative Heat and Mass Transfer |
| | Space Sciences Lab |
| | Articles |
| 22 | The Vertical Gradients of the Isotope |
| | Diffusion Refs. |
| | Hydrologic Balance |
| | Isotopic Enop. |

Box
22

Folder Title

Turbulent Diffusion

Review of Evaporation Theory

Articles Data

Rudy Palm

BS-Bou Model

Ra-Pacific

Ocean Calc.

Data Articles

Articles 1989

Data References

AGU Fall Meeting

Articles Data

23

Papatua Expedition Leg 9

Graphs, Articles

Articles, Data

Chemical and Isotopic Calc.

Mantle and Atmospheric Evolution

Argon Vesicles

Articles

Journal of Geophysical Research

The East Africa Rift System

Mass Independent Isotope

Box
24

Folder Title
Articles 1964-2001

Ecole Thematique De Geochronologie

Heavy Ozone in the Atmosphere

Data

He Ne Ar

Radium Redux

25

Overhead Transparencies

Data, Graphs

32 Si World Oceans 1996

Production and Consumption of Oxygen

Helium

He 3

Data 1987

Lake Tanganyika Plots

LT 75

Lake Tanganyika

Predicted Time Scales

Data Theory Reservoirs

LT-75

26

Lake Tanganyika

Data Graphs

Hakone Abstract

| Box | Folder Title |
|------------|---------------------------------------|
| 26 | RIS Papers |
| | Earth and Planetary Science |
| | USSR Net Papers |
| | Neon Natural Gases |
| | Crustal Isotopes |
| 27 | Report of the Working Group |
| | 1987 Award Vetleson Prize |
| | Letters Mail |
| | Correspondence |
| | Deep Pacific Ocean |
| | He Data |
| | Snake River Plan |
| | Yellow Stone Papers |
| 28 | YP and Hotspots |
| | Western and Central Snake River Plans |
| | Snake River Plain |
| | DH Ch2 He2 |
| | Corals Co Ca 2 |
| | Eastern and Planetary Science Letters |
| | Galapagos Reprints |
| | Galapagos Besalts |
| 29 | Data Graphs |

Box
29

Folder Title

He and Rare Gases

Gravitational Enrichment

Atmospheric Carbon Dioxide

A Common Deep Source for Mantle Plumes

L. Tangayika Plots

Kenya Maps

MN Nodules

Hydrologic Balance