

Accession No.: 95-19, 96-12

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Heiligenberg, Walter Friedrich 1938-1994

Walter Friedrich Heiligenberg Papers, 1960-1994

BULK DATES: 1972-1994

PHYSICAL DESCRIPTION: 11 record cartons (plus map case folders at Annex)

95-19 DESCRIPTION (boxes 1-9): The accession includes papers of neurobiologist Walter F. Heiligenberg. The papers include correspondence, research reports, audio tape recordings of experiments, photographs, figures for papers, teaching records including lecture notes, reading lists and syllabi, appointment calendars, manuscripts of publications, one field notebook and other material documenting the scientific career of Walter F. Heiligenberg. While the collection includes material dated 1960-1994, the accession largely documents Heiligenberg's career as a neurobiologist at the Scripps Institution of Oceanography from 1972-1994.

96-12 DESCRIPTION (boxes 10-11): The accession includes slides, data, manuscripts of scientific papers, illustrations for scientific papers, of Scripps Institution of Oceanography behavioral and neurobiologist Walter F. Heiligenberg.

Oversized items from both accessions were taken out of the collection and moved to map cases.

WALTER FRIEDRICH HEILIGENBERG
Papers, 1960-1994
Accession 95-19

BOX**FOLDER TITLE****I. FILING CABINET FILES**
CORRESPONDENCE SERIES

1

Correspondence I

Correspondence II

Leonard (Lenni) Maler

Dr. Ira Skurnick

Seewiesen

Postdocs

[Untitled Folder]

Konrad Lorenz

Correspondence, n.d

PUBLICATIONS SERIES

Papers [While] Being Processed

MS H+D

MS Nato

BBS Review

Old Correspondence to JAR Papers

Pitman-Series

Neural Mechanism of Electrolocation and Jamming
Behavior in Electric Fish

Primary Afferent

BOX**FOLDER TITLE
GRANTS SERIES**

National Geographic

National Geographic Society

Training Grant

Academic Senate and Biomedical Research

White Hall Foundation

MS Tokyo

RESEARCH REPORTS SERIES

Torus Recordings

Summer (June-August) 1980

1981-1984

2

1984-1986

Willin: Antennal Lobe, October 21, 1977

Lucifer, June 1986-

Eigenmannia

Summer 1978

JAR, June-Sep 1978

Neurophysiology, July 1979

Electroreceptor Studies, July 18, 1979

New Series, Fancy Graphs, July 23, 1979

Receptor Recordings, July 28, 1979

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Control Mechanisms in Animal Behavior

Mathematics

Venezuela

BOX**FOLDER TITLE**

Hypopomus occidentalis

Hypopomus

Hypopomus occidentalis: JAR

Hypopomus "Hurmner"

Eigenmannia: JAR I

Parupygus

Hypopygus #1

Hypopygus #2

Morrnyrid Echo Response

Simulate Jamming

Gymnorhamphichthys

Hypopomus of Electrolocation

EOD Pecularity

Hypopomus occidentalis

Plots and Programs of Hypopomus occidentalis

Eigenmannia Software, JAR

Eigenmannia: JAR II

Eigenmannia Plots, JAR

Hilbert Transform Maneuvers, Hypopomus

Single Cell Fills

Atrophie blanche

BOX

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FOLDER TITLE

Eigenmannia, Correspondence with Theodore Bullock

JAR MS

Properties of the Noise Source

[Untitled Folder]

Gymnotiforms

Behavioral and Physiological Comparisons of
Gymnotiforms

[Untitled Folder]

Eigenmannia

[Untitled Folder]

[Untitled Folder]

Hypopomus Figures

Lob. candidas, afferent

ECCC, E-afferent

ECCC, I-afferent

Torus

Hypopomus JAR

[Untitled Folder]

TEACHING LECTURES SERIES

Exams-Ethology

Adontosternarchus, Complex Swinging

Prints

6888-6904 Hypo 3/22/91, Normal SX/Immuno

BOX**FOLDER TITLE**

Comparison

Test Prints for 'Scope, Negative Density,
5/14/91

Miscellaneous

6385-92 Hypo 11/16/90

xGABA/IMMUNO Au #1, 12/90

687-6886 XGABA, 5/91

Biology 243

10. Neuromodulation

7. Invertebrate Learning

References

Class Reserves

Neurobiology, 605

SIO 293A, Eberhard Curio

SIO 293A, G.P. Baerends

Electric Fish Papers

SIO 293, Werner Reichardt

"Visual Stability and Motor Control"

607

606

Class Reserves (cont.)

Norbert Bischof

SIO 293A, W.M. Schleidt

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BOX**FOLDER TITLE**

G.P. Baerends

601

SIO 293D, L. Harkness

Gregory Bateson

636

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SIO 293A, R.L Trivers

SIO 293A, G.P. Baerends

613

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603

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609A

609

Optomotor Response Readings

600A

SIO 293B, Horst Mittelstaedt

Class Reserves (cont.)

618

602

SIO 293A, Theodosius Dobzhansky

David Robinson

BOX**FOLDER TITLE**

610

SIO 293A, Ethology

SIO 293A, Animal Behavior, Fall 1986

SIO 293B, Control Mechanisms

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SUBJECT FILES SERIES

Biography

Computer

Cousteau Society, Publications

Fish Dealers

Manaus

Map of the Republic of Suriname [sic]

Panama, 1983

Paulinum, Dr. Dieter Pack

Photographs, n.d.

San Diego Magazine

Space

H. DESK FILES**CORRESPONDENCE SERIES**

On Walter's Desk, December 22, 1994

Kirshbaum

Seewiesen

BOX**FOLDER TITLE**

Pierre Baldi

Correspondence
n.d.-September 27, 1989

Correspondence
Konrad Lorenz, 1983-1989

Isolde Tegtmeier, April 5, 1994

Caylee Nychis-Florence

Karl Ernst Kaissling

RESEARCH REPORTS SERIES

Computation Book

Hypopygus-Jamming Swing Experiments

[Untitled Folder]

TV Analysis

INC, June 12, 1991

Transparencies

[Untitled Folder]

New Monograph Figures

Eclamp, MJOEIC

Apteronotus JAR

Tectum Lesion Experiments on Apteronotus

Breeding, Courting

Correspondence, Konrad Lorenz, 1983-1989

BOX

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FOLDER TITLE

Hypopomus Species Collection

HRP Labels, Torus, PPN, Tectum, etc.

Thymidine

JAR Development

Hyperacuity Simulations

Pacemaker Fills

Pacemaker Simulations

[Untitled Folder]

3-D Reconstruction

Plans for Figures

Kip Correspondence, June 1990

Kipens, Old

[Untitled Folders]

TEACHING LECTURES SERIES

University of Chicago, 1980

INC Meeting, June 16, 1990

[Untitled Folder]

THB-Lab Meeting, October 5, 1990

Figure Plans for Recherche

Undergraduate Seminar

BOX**FOLDER TITLE**

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SUBJECT FILES SERIES

American Academy of Arts and Sciences (AAAS)

American Academy of Arts and Sciences, Nominations

Biomedical Research Grants

Boa vista

Brochures

Cobalt

Computer Instructions

Fetzer Institute

Japan

Japan Marine Science & Technology Center (JAMSTEC)

Journals

Yasuo Kishimoto Merit Increase

Lucifer

MAX ERB Instrument Company

McKnight

Meetings

National Alliance for Research on Schizophrenia and
Depression (NARSAD), Research

National Institute of Mental Health (NIMH)

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National Institute of Neurological Disorders and Stroke (NINCDS)

National Science Foundation (NSF)

Neural Computation, ORU

BOX**FOLDER TITLE**

Neuroethology

Newspaper Articles

Pictures, San Diego, Legal

Postdocs

Visa

Whitehall Foundation Grant for Mr. Robertson

Yokohama City University

PUBLICATIONS SERIES

Addison-Wesley

MIT Press

Neuroscience 264

Journal of Neuroscience

Information Processing in the Central Nervous System of Electric Fish

Reviews

Publications of Others

DESK CONTENTS

W. H. Personals, Top Desk Drawer

MEDIA & OVERSIZED

Annex

Oversized Graphs (map case drawers corresponding to accession 95-19 and 96-012)

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Walter Heiligenberg Memorial Service – video recording
(surrogate/viewing copy on staging server in collection folder)

Video – "Heiligenberg Fish 1" (2011-73_mov00502381)

Walter Friedrich Heiligenberg**Papers 1960-1994****Accession Number 96-12****BOX****FOLDER TITLE**

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Plots of Indiana Data, May 1985-20 June 1985

4 July 1985-11 July 1985

Stonehenge Plots, 4 April 1984

Camera Lucida Sketches

Camera Lucida Drawings, February, 1982

Tectum

Softwave, Chamber Experiments and Data Plots, June
1985-September 1985Data Plots of Stonehenge and Object Motion, 1984-
1985Profile Plots, Starting 12 December 1985 With Data
Starting at 3 December 1985

Torus Data, Plotted Under PTORUS and Softwave

Torus Solgi

JAR Latency Measurements, March 1985

Torus- Pbbs Data, Catalogue of Fills

Object Motion Experiment, 18 July 1985

[Data], 18 July 1985

Object Induced Timeform Figures and "JAR"s

Stonehenge Softwave, March 1984

ECLAMP, CLAPI Phase, PHSMOD

Eigenmannia, Irregular Pacemaker

BOX**FOLDER TITLE**

Biocytin September 1989, Softwave March 1990

[Miscellaneous Figures]

Apteromotids, Tracing

Walter Heiligenberg, [Miscellaneous Figures]

Apteronotus [knifefish] Figures

UE Fills

UE Cases, 22 January 1990-30 April 1990

DL- Recorded Chirps

Eigenmannia DL-Recorded Coasting, 3-4 May 1990

Eigenmannia Chirps

Biocytin, Eigenmannia, UE, Torus, etc., 18 July
1989-29 June 1990

Biocytin, 2 July 1990

Hypopomus Pacemaker, GABA, Ultrastructure, etc.,
November 1989

Papers Relevant to Pacemaker Story

Hypopomus Pacemaker, GABA, Ultrastructure, etc.,
August 1990

Gymmoshean Phichthyr, Hypopygus, Nicoanternardun,
Gyurmotus

Hypopomus, Program HCLAMP

New Fish: Hypopomus, Apteromotids

Hypopomus Solimoes #1

#2

Apteromotids, November 1993

Eigenmannia, Choleratorn, Diencephalon, ARP,
Phaseolus

Eigenmannia, 1991

BOX**FOLDER TITLE**

Eigenmannia, 7 July 1989-27 April 1991
 Eigenmannia, Pacemaker, EIN, 12 June 1991
 Eigenmannia, Choler~, HRP, Chiercepherla, 24 May 1991
 Trigger Box Circuit
 11 Micrographs, Anatomy
 Nice Manuscripts
 CP/PPu Fills
 Small Cells, lam. 6, 1 July 1991
 SI/S2 Problem
 ELL, November 1991
 Large S2
 Poppv
 Paris Paper
 Huber Paper
 Manuscript, Heinrich
 [Heiligenberg Photos]
 Hypopomus Paper
 GABA
 [Hypopomus paper]
 [Hypopomus Paper]
 [University of Chicago Email]
 [Figures]
 ["Ultrasonic Evidence of GABA- ergic inhibition and Glutamatergic excitation ... " Journal of Comparative Physiology 1994)
 [Printed email from Briefcase]

BOX**FOLDER TITLE**

[Contents of Heiligenberg's Old Briefcase, Greeting Cards, Postcards, Photographs]

[Correspondence]

Comments of Reviewers on Walter Heiligenberg's Book, [Sensory Information Processing in Electric Fish, 1990]

Correspondence and Drafts of Chapter for a Book Edited by R. Menzel

Slides,

Paramaribo Surinam 1976: railroad, flowers, Field labs, electric fish

Epiphytes, 1976; People, Forest Management, 1976

Animals (non-fish); forests; electric fish;

EOS Second Trip December 1976, Manaus

Manaus, December 1976

Scripps and Europe 1977

Panama 1977-1978

Panama 1979

Panama 1979 fie 1978-1981]

Panama 1979 fie 1978-1981]

Scripps 1978-

Panama, May 1981

Venezuela, May 1981

Japan 1982

Manaus/Brazil, 1976