Descriptive Summary

Title: Frank C. Vasek papers

Date (inclusive): circa 1954-1999, undated

Collection Number: UA 365

Creator: Vasek, Frank C.

Extent: 2.5 linear feet(2 boxes)

Repository: Rivera Library. Special Collections Department.
Riverside, CA 92517-5900

Abstract: The Frank C. Vasek papers contain articles, reports, correspondence, photographs, and other material from Vasek's tenure as life sciences professor at the University of California, Riverside. The bulk of the collection consists of information on plants from California and other areas.

Languages: The collection is in English.

Access

This collection is open for research, with the exception of select files that are restricted.

Publication Rights

Copyright Unknown: Some materials in these collections may be protected by the U.S. Copyright Law (Title 17, U.S.C.). In addition, the reproduction, and/or commercial use, of some materials may be restricted by gift or purchase agreements, donor restrictions, privacy and publicity rights, licensing agreement(s), and/or trademark rights. Distribution or reproduction of materials protected by copyright beyond that allowed by fair use requires the written permission of the copyright owners. To the extent other restrictions apply, permission for distribution or reproduction from the applicable rights holder is also required. Responsibility for obtaining permissions, and for any use rests exclusively with the user.

Preferred Citation

[identification of item], [date if possible]. Frank C. Vasek papers (UA 365). Special Collections & University Archives, University of California, Riverside.

Acquisition Information

Provenance unknown.

Processing History

Processed by Andrea Hoff, University Archivist, in August 2019.

Biographical Note

Frank C. Vasek was a professor in the department of Botany at the University of California, Riverside.
He received a B.S. from Ohio University in 1950. He went on to earn his Ph.D. from U.C.L.A. in 1955 and began teaching at UC, Riverside in 1954. He served as Chair of the department of Biology from 1970-1974. He also played a key role in establishing the Botanic Gardens at UCR, acting as the first director from 1962-1967.
Vasek is known for his research about ancient creosote rings. In the late 1970s, he discovered what is possibly the oldest creosote bush ring in the Mojave Desert, which he named 'King Clone.' It was thought to be the oldest living plant in the world at an estimated 11,700 years old.

Collection Scope and Contents

The Frank C. Vasek papers contain articles, reports, correspondence, photographs, and other material from Vasek's tenure as life sciences professor at the University of California, Riverside. The bulk of the collection consists of information on plants from California and other areas.

Collection Arrangement

The Frank C. Vasek papers are arranged into four series as follows:

Series 2. Correspondence, 1954-1989
Series 4. Other professional activities, 1964-1999, undated

Indexing Terms

The following terms have been used to index the description of this collection in the library's online public access catalog.

Subjects

Desert plants
Life sciences
Universities and colleges -- Faculty

Genres and Forms of Materials
Articles
Correspondence
Photographs
Reports


Series Scope and Contents
This series contains articles written by Vasek. The bulk of the articles in this series are reprints.

Series Arrangement
This series is arranged chronologically according to the year the articles were published.

Box 1, Folder 1
"Induced Aneuploidy in Claria Unguiculata (Onagraceae)" 1956
Box 1, Folder 2
"The Relationship of Clarkia Exilis to Clarkia Unguiculata" 1958
Box 1, Folder 3
"A Cytogenic Study of Clarkia Exilis" 1960
Box 1, Folder 4
"Trisomic Transmission in Clarkia Unguiculata" 1961
Box 1, Folder 5
"Multiple Spindle' - A Meiotic Irregularity in Clarkia Exilis" 1962
Box 1, Folder 6
"Trivalent Formation in Multiple Trisosms of Clarkia Unguiculata" 1963
Box 1, Folder 7
"A Note in Taxonomic Characters in Lolium" 1963
Box 1, Folder 8
"Phenotypic Variation in Trisosms of Clarkia Unguiculata" 1963
Box 1, Folder 9
"Backcross Progenics of a Hybrid Between Clarkia Exilis and C. Unguiculata" 1963
Box 1, Folder 10
"Outcrossing in Natural Populations. I. The Breckenridge Mountain Population of Clarkia Exilis" 1964
Box 1, Folder 11
"The Evolution of Clarkia Unguiculata Derivatives Adapted to Relatively Xerix Environments" 1964
Box 1, Folder 12
"Two New Species Related to Clarkia Unguiculata" 1964
Box 1, Folder 13
"Outcrossing in Natural Populations. II. Clarkia Unguiculata" 1965
Box 1, Folder 14
"A Case of Gene Homology in Clarkia" 1966
Box 1, Folder 15
"The Distribution and Taxonomy of Three Western Junipers" 1966
Box 1, Folder 16
"Outcrossing in Natural Populations. III. The Deer Creek Population of Clarkia Exilis" 1967
Box 1, Folder 17
"Analysis of the Oils of Western North American Junipers by Gas-Liquid Chromatography" 1967
Box 1, Folder 18
"Outcrossing in Natural Populations: A Comparison of Outcrossing Estimation Methods" 1968
Box 1, Folder 19
"The Relationship of Two Economically Marginal, Sympatric Clarkia Populations" 1968
Box 1, Folder 20
"Analysis of N-alkanes from Three Species of Clarkia" 1971
Box 1, Folder 21
"Variation in Marginal Populations of Clarkia" 1971
Box 1, Folder 22
"Variations in the Leaf Oils of Three Species of Juniperus" 1973
Box 1, Folder 23
"Productivity, Diversity and Stability Relationships in Mojave Desert Roadside Vegetation" 1975
Box 1, Folder 24
"Jeffrey Pine and Vegetation of the Southern Modoc National Forest" 1978
Box 1, Folder 25
"Polygala" 1983
Box 1, Folder 26
"Southern California White Fir (Pinaceae) 1985
Box 1, Folder 27
"Evolutionary Modification in Clarkia. I. Selection for Hairlessness" 1986
Box 1, Folder 28
"Effects of Mineral Nutrition on Components of Reproduction in Clarkia Unguiculata" 1987
Box 1, Folder 29
"Evolutionary Modification of Clarkia. II. Role of Flower Bud Pubescence in Section Phaeostoma" 1989
Box 1, Folder 30  "Natural Hybridization Between Species of Ambrosia and Hymenoclea Salsola (Compositae)" 1996
Box 1, Folder 31  "On the Growth Rate of Joshua Tree" undated

Series 2. Correspondence 1954-1989

Series Scope and Contents
This series consists of the professional correspondence maintained by Vasek during his tenure as a professor at UC, Riverside. Note that correspondence can also be found in series 3 and 4 of this collection.

Series Arrangement
This series is arranged chronologically and has largely been maintained in original order. Correspondence filed topically by Vasek can be found in series 3 and 4 of this collection.

Box 1, Folder 32  Correspondence 1954-1964
Box 1, Folder 33  Correspondence 1965-1970
Box 1, Folder 34  Correspondence 1970-1972
Box 1, Folder 35  Correspondence 1973-1974
Box 1, Folder 36  Correspondence Aug. 1974-Feb. 1975
Box 1, Folder 37  Correspondence July 1976-Sept.1976
Box 1, Folder 38  Correspondence Sept. 1975-July 1976
Box 1, Folder 39  Correspondence 1978
Box 1, Folder 40  Correspondence 1979
Box 1, Folder 41  Correspondence 1980
Box 1, Folder 42  Correspondence 1981
Box 1, Folder 43  Correspondence 1982
Box 1, Folder 44  Correspondence 1983
Box 1, Folder 45  Correspondence 1984
Box 1, Folder 46  Correspondence 1985
Box 1, Folder 47  Correspondence 1986-1987
Box 2, Folder 1  Correspondence 1987
Box 2, Folder 2  Correspondence (folder 1 of 2) 1988
Box 2, Folder 3  Correspondence (folder 2 of 2) 1988
Box 2, Folder 4  Correspondence 1988-1989
Box 2, Folder 5  Correspondence 1989

Series 3. Creosotes & King Clone materials 1981-1988, undated

Series Scope and Contents
This series consists of materials related to Vasek's research about the creosote bush in general and 'King Clone' in particular.

Series Arrangement
This series is arranged in alphabetical order.

Box 2, Folder 6  Clippings about King Clone 1981-1984
Box 2, Folder 7  Correspondence regarding creosote measurements 1985-1986
Box 2, Folder 8  Creosote clone 120 mm negatives undated
Box 2, Folder 9  Creosote clone rings in the Red Rock Canyon vicinity 1986
Box 2, Folder 10  Creosote clones near Garlock 1988
Box 2, Folder 11  Digital files undated
Box 2, Folder 12  Econews television program 1985
Box 2, Folder 13  Inquiries about King Clone 1983-1985
Box 2, Folder 14  King Clone photos and negatives undated
Box 2, Folder 15  King Clone slides undated
Box 2, Folder 16  News clippings 1980-1983
Box 2, Folder 17  Talk invitations and publication submissions 1984-1987
Series 4. Other professional activities 1964-1999, undated

Series Scope and Contents
This series documents Vasek’s many professional activities. It includes information about committees he served on, correspondence and articles written by others.

Series Arrangement
This series is arranged alphabetically.

Box 2, Folder 18  
Articles written by UCR faculty 1993-1996

Box 2, Folder 19  
Curriculum Vitae undated

Box 2, Folder 20  
Juniperus correspondence 1964-1979

Box 2, Folder 21  
Letters of thanks 1981-1983

Box 2, Folder 22  
Manuscript reviews 1968-1988
    Note on Access
    Access to materials in this folder is restricted.

Box 2, Folder 23  
Manuscript review 1978
    Note on Access
    Access to materials in this folder is restricted.

Box 2, Folder 24  
Proposal evaluations 1988-1989
    Note on Access
    Access to materials in this folder is restricted.

Box 2, Folder 25  
Research inquiries post-retirement 1989-1999

Box 2, Folder 26  
Sabbatical leave 1968-1969

Box 2, Folder 27  
Smithsonian Institution grant, “Cooperative Studies in the Cytotaxonomy of the Yugoslavian Flora” 1974-1980
    Note on Access
    Access to materials in this folder is restricted.

Box 2, Folder 28  
Thesis feedback 1968-1973
    Note on Access
    Access to materials in this folder is restricted.

Box 2, Folder 29  
White Mountain Research Station Advisory Committee 1988-1989

Box 2, Folder 30  
White Mountain Research Station 1989-1990

Box 2, Folder 31  
Vail Lake Ceanothus 1991