



Pacific Division

AAAS

**THE PACIFIC DIVISION OF THE  
AMERICAN ASSOCIATION FOR THE  
ADVANCEMENT OF SCIENCE**

**A BRIEF HISTORY, MEETING SITES, PRESIDENTS  
AND OTHER OFFICERS, PUBLICATIONS, AND A  
PORTRAIT GALLERY OF ITS OFFICERS  
(1912–2015)**

**Fourth Edition**

**Alan E. Leviton  
Michele L. Aldrich  
Robert I. Bowman†  
Roger G. Christianson  
Angela R. Christianson**

Ashland, Oregon  
2015

## NOTE TO THE FIRST EDITION

This booklet owes its existence to the initial effort by Dr. Robert Bowman (1925–2006) who, in 1987, assembled the portraits of the past presidents of the Pacific Division of AAAS for a showcase display in the Library at San Francisco State University during the Division's annual meeting in June of that year. The portraits and a brief history of the Division were then published in 1994 in the *Proceedings* of the Pacific Division of AAAS (vol. 13, pt. 1, 8 pp. [unnumbered]), which also contained the program with abstracts of the Division's 1994 annual meeting, again held at San Francisco State University, June 19–24.

It was decided to update the portrait file with the addition of images of Division presidents serving to the end of the 20th century, in several cases to substitute new images for those that were used before, and to supplement the 1994 materials with additional information about the Division and its officers.

The Division has deposited its archival records for the period 1910–1998, including the portrait collection of its presidents, with the Bancroft Library, University of California, Berkeley, California.\* For those interested in learning more about this collection and the part played by the Division in fostering cooperation and communication about science among scientists, students, and the public in the Pacific Region, visit the Bancroft Library's website.

[\*N.B. The archive was updated in 2001 with the addition of records for the period 1999–2001, and periodically additional records will be sent to the Bancroft Library.]

### Notes for the Second and Third editions

Second Edition (2002): Additional portraits that have been added since the original publication have been provided courtesy the Archives and Special Collections of the California Academy of Sciences and the GS Myers/AE Leviton Biographical & Portrait File in the Natural Sciences, which Dr. Leviton maintains in his office at the Academy.

Third Edition (2010): Additional portraits have been added since the original publication and that of the Second Edition. Most of these have been provided by Alan E. Leviton; the originals are in the GS Myers/AE Leviton Biographical & Portrait File in the Natural Sciences. In addition, meetings and officer lists have been updated to 2010 and errors that had escaped detection in earlier additions have been corrected. At this time, the authors also want to thank both Roger and Angie Christianson for their careful perusal of the manuscript and for bringing to the attention of the authors items that needed to be corrected or modified.

### Note for the Fourth Edition

Fourth Edition (2015): Updated with the addition of portraits as well as notations on meeting sites, officers, and publications, in celebration of the 100th anniversary of the Division's first participation in a AAAS meeting, the first ever West Coast meeting of the American Association for the Advancement of Science, held 2–7 August 1915 in San Francisco on the occasion of the city's Panama Pacific International Exposition. The authors also want to acknowledge and thank Janice Goldblum and the National Academy of Sciences Archives for providing the image of Albert Barrows, which had been missing in earlier editions of this publication, as well as Cara Setsu Bertram of the University Archives, University of Illinois at Urbana-Champaign, for providing the image of Arthur Gibson Vestal, which was also lacking in the earlier editions.

First printed edition 1999

Second printed edition 2002, Revised and enlarged

Third printed edition 2010, Revised and enlarged

Fourth printed edition 2015, Revised and enlarged

First electronic edition 2001

Second electronic edition 2002

Third electronic edition 2010

Fourth electronic edition 2015

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# PACIFIC DIVISION OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

## A BRIEF HISTORY

In 1910, a group of West Coast scientific societies came together to form the Pacific Association of Scientific Societies (PASS). Twenty-one organizations, mostly regional sections of national societies, became affiliates of this fledgling umbrella organization. In late 1912, in preparation for the 1915 annual meeting of the American Association for the Advancement of Science (AAAS), scheduled to be held in San Francisco, AAAS established the Pacific Coast Committee of AAAS to handle logistics and program planning. In late December of that year, the Council of AAAS decided to recognize the committee as the Pacific Division of AAAS and on 21 April 1914 it voted to amend the AAAS Constitution to accommodate the change and ratify the Division's new Constitution. Within months, the Pacific Association of Scientific Societies, its membership overlapping that of the Pacific Division of AAAS, proposed that it merge with the Division. During the next 12 months, most of the PASS affiliates ratified the new arrangement. Among them were the Cordilleran Section of the Geological Society of America, Pacific Coast Section of the Paleontological Society, Seismological Society of America, California Academy of Sciences, Pacific Slope Association of Economic Entomologists, Astronomical Society of the Pacific Coast, Cooper Ornithological Club, Northern and Southern Divisions, California and Puget Sound Sections of the American Chemical Society, San Francisco Section of the Archaeological Institute of America, San Francisco Section of the American Mathematical Society, San Diego Society of Natural History, and the Western Society of Naturalists.

Initially, the Division's region included the states of Washington, Oregon, California, Idaho, Nevada, Utah, and Arizona, the territory of Alaska, the Canadian Province of British Columbia, and the Hawaiian Islands. The original intent had been to include the Philippine Islands as well as all other islands in the Pacific Basin, and Mexico, but these intentions were not to be fulfilled for many years, and then only partially so.

With the establishment of the Southwest and Rocky Mountain Division (SWARM) in 1920, Arizona was transferred from the Pacific to the SWARM Division, and, in 1951, following the first Alaska Science Conference held the previous year, Alaska and the two boreal/Arctic territories of Canada, Yukon and Northwest Territories, formed the Alaskan Division, renamed the Arctic Division in 1982. In 1993, the Council of AAAS, having previously approved the addition of the Canadian Province of Alberta to the Pacific Division's region in 1983, and in recognition of the Association's expanding international interests, at the Division's request, allowed that all countries bordering or lying within the Pacific Basin, save those countries that had already been assigned to other Divisions of the Association, should be brought into the Pacific Division's fold, thus fulfilling the original intentions of the Division's founders nearly 80 years earlier.

In the years since its founding, the Pacific Division of AAAS, the senior of the four Divisions of AAAS, a Caribbean Division having been authorized in 1985, has held annual meetings every year save during the First and Second World Wars. It has sponsored a publications program, its first book having been published in 1915, and then, fol-

lowing a hiatus of many decades, its second through 24th between 1979 and 2012.

In 1915, the Division met for the first time jointly with its new parent when national AAAS held its first-ever annual meeting in San Francisco as part of the Pan American Exposition activities of that year. The following year, it held its first independent meeting, in San Diego. Since then, the Division has held meetings annually, nearly always on university campuses throughout the Far West, where it has enjoyed the hospitality of many of the nation's ranking institutions of higher learning. The Division's meetings, though designed to provide a forum for the discussion of scientific problems of regional concern, are not constrained to regional issues, and more often than not they feature symposia and other paper sessions that take on issues of far wider import, many global in scope, added to which its tolerance of controversial programs where balance insures that both popular and unpopular views may be laid upon the table for open discussion and criticism. These have been key elements in the structure of its meetings. Additionally, from the beginning, the Division has been sensitive to the needs of students, and to this day it offers them a unique opportunity to participate in highly professional programs where seasoned professionals and novices meet one another in a relaxed yet challenging environment. Furthermore, in 2007, The Division inaugurated a student research awards program with funds received from earmarked donations by Division members.

The Division's success over the years is perhaps best exemplified by the many distinguished scientists who have given freely of their time and energies in its behalf. They have served as officers, chaired committees, organized sessions, indeed, even the meetings themselves, have presented papers, and, last but not least, have encouraged their students to do the same. The list of Division Presidents is a who's who of distinguished scientists, past and present, and includes, for example, John C. Merriam, John C. Branner, Harald U. Sverdrup, Arthur H. Sturtevant, Melvin Calvin, Garrett Hardin, Linus Pauling, Richard Walker, Mildred Mathias, Richard Jahns, Emanuel Epstein, Dael Woffle, Estella Leopold, Luna Leopold, J. Thomas Dutro, Jr., and Garniss Curtis, to name a few of the many whose portraits are to be found on the following pages.

The accomplishments of the Pacific Division of AAAS are the result of many factors, the people who help organize its meetings, those who participate through the presentation of papers, the elected officers and members of its committees, its publications, and, not the least, the support given by the national AAAS, its Executive Officer, its Board of Directors, and its staff.

Lastly, we take note that the Division has now passed or is approaching several milestones, the 100th anniversaries of its founding in December of 1912, its first participation in a meeting with its parent organization, AAAS, in August 1915, and its first independent annual meeting in August 1916.

*Alan E. Leviton, Michele L. Aldrich, Robert I. Bowman†,  
Roger G. Christianson, Angela R. Christianson*  
15 June 2015

† Our colleague and coauthor, Robert Bowman, passed away on 12 March 2006, in his 80th year.

**LOCATION AND YEAR OF ANNUAL MEETINGS OF THE  
PACIFIC DIVISION OF AAAS  
1915–2015**

1915	San Francisco, CA [with AAAS] (2–7 August)	1967	Los Angeles, CA (19–24 June)
1916	San Diego, CA (9–12 August)	1968	Logan, UT (24–29 June)
1917	Stanford, CA (4–7 April)	1969	Pullman, WA (18–23 August)
1918	WORLD WAR I: NO MEETING	1970	Berkeley, CA (21–25 June)
1919	Pasadena, CA (19–22 June)	1971	San Diego, CA (21–25 June)
1920	Seattle, WA (17–19 June)	1972	Eugene, OR (11–17 June)
1921	Berkeley, CA (4–6 August)	1973	Salt Lake City, UT (11–15 June)
1922	Salt Lake City, UT (22–24 June)	1974	Irvine, CA (17–21 June)
1923	Los Angeles, CA [with AAAS] (17–20 September)	1975	Corvallis, OR [with AIBS] (17–22 August)
1924	Stanford, CA (25–28 June)	1976	Missoula, MT (14–17 June)
1925	Portland, OR (17–20 June)	1977	San Francisco, CA (12–16 June)
1926	Oakland, CA (16–19 June)	1978	Seattle, WA (13–17 June)
1927	Reno, NV (22–24 June)	1979	Moscow, ID (3–7 June)
1928	Claremont, CA (13–16 June)	1980	Davis, CA (22–27 June)
1929	Berkeley, CA (19–22 June)	1981	Eugene, OR (14–19 June)
1930	Eugene, OR (18–21 June)	1982	Santa Barbara, CA (20–25 June)
1931	Pasadena, CA [with AAAS] (15–20 June)	1983	Logan, UT (19–24 June)
1932	Pullman, WA (15–18 June)	1984	San Francisco, CA (10–15 June)
1933	Salt Lake City, UT (12–15 June)	1985	Missoula, MT (9–14 June)
1934	Berkeley, CA [with AAAS] (18–23 June)	1986	Vancouver, BC (8–13 June)
1935	Los Angeles, CA (25–29 June)	1987	San Diego, CA (14–18 June)
1936	Seattle, WA (16–20 June)	1988	Corvallis, OR (18–22 June)
1937	Denver, CO [with AAAS] (21–26 June)	1989	Chico, CA (11–15 June)
1938	San Diego, CA (20–25 June)	1990	Davis, CA (19–23 June)
1939	Stanford, CA (26 June–1 July)	1991	Logan, UT (23–27 June)
1940	Seattle, WA [with AAAS] (17–22 June)	1992	Santa Barbara, CA (21–25 June)
1941	Pasadena, CA (16–21 June)	1993	Missoula, MT (20–24 June)
1942	Salt Lake City, UT (15–20 June)	1994	San Francisco, CA (19–23 June)
1943–1945	WORLD WAR II: NO MEETINGS	1995	Vancouver, BC (18–22 June)
1946	Reno, NV (17–22 June)	1996	San Jose, CA (23–27 June)
1947	San Diego, CA (16–21 June)	1997	Corvallis, OR (22–25 June)
1948	Berkeley, CA (21–26 June)	1998	Logan, UT (28 June–2 July)
1949	Vancouver, BC (13–18 June)	1999	San Francisco, CA (19–23 June)
1950	Salt Lake City, UT (19–24 June)	2000	Ashland, OR (11–14 June)
1951	Los Angeles, CA (18–23 June)	2001	Irvine, CA (17–20 June)
1952	Corvallis, OR (16–21 June)	2002	Waimea, HI (12–16 June)
1953	Santa Barbara, CA (15–20 June)	2003	San Francisco, CA (15–19 June)
1954	Pullman, WA (21–26 June)	2004	Logan, UT (13–17 June)
1955	Pasadena, CA (20–25 June)	2005	Ashland, OR (12–16 June)
1956	Seattle, WA (11–16 June)	2006	San Diego, CA (18–22 June)
1957	Stanford, CA [with AIBS] (25–29 August)	2007	Boise, ID (17–21 June)
1958	Logan, UT (16–20 June)	2008	Waimea, HI (15–20 June)
1959	San Diego, CA (15–19 June)	2009	San Francisco, CA (14–20 August)
1960	Eugene, OR (13–18 June)	2010	Ashland, OR (13–17 June)
1961	Davis, CA (19–23 June)	2011	San Diego, CA (12–16 June)
1962	Corvallis, OR (26–31 August)	2012	Boise, Idaho (24–27 June)
1963	Stanford, CA (17–21 June)	2013	Las Vegas, NV (16–19 June)
1964	Vancouver, BC (22–27 June)	2014	Riverside, CA (17–20 June)
1965	Riverside, CA (21–26 June)	2015	San Francisco, CA (14–17 June)
1966	Seattle, WA (13–18 June)		

**PACIFIC DIVISION OF AAAS  
PAST PRESIDENTS, THEIR INSTITUTIONS, AND THEIR FIELDS  
1916–2015**

1916 William Wallace Campbell	Astronomy	1943–1945	No officers elected during World War II
Lick Observatory, University of California, Mount Hamilton, California		1946 Linus Carl Pauling	Chemistry
1917 John Casper Branner	Geology	California Institute of Technology, Pasadena, California	
Stanford University, Palo Alto, California		1947 Thomas Gordon Thompson	Oceanography
1918	No officers elected during World War I	University of Washington, Seattle, Washington	
1919 Daniel Trembly MacDougal	Botany	1948 Roy Elwood Clausen	Agriculture/Genetics
Desert Botanical Laboratory, Carnegie Institution of Washington, Tucson, Arizona		University of California, Berkeley, California	
1920 John Campbell Merriam	Paleontology/Geology	1949 Luther Sheeleigh Cressman	Anthropology
University of California, Berkeley, California		University of Oregon, Eugene, Oregon	
1921 William Emerson Ritter	Zoology	1950 Laurence Monroe Klauber	Herpetology/Statistics
Scripps Institution of Oceanography, La Jolla, California		San Diego Society of Natural History; CEO, San Diego Power & Light, San Diego, California	
1922 Barton Warren Evermann	Ichthyology	1951 Charles Haskell Danforth	Anatomy/Zoology
California Academy of Sciences, San Francisco, California		Stanford University, Stanford, California	
1923 Exum Percival Lewis	Physics	1952 Herman Augustus Spoehr	Plant Physiology
University of California, Berkeley, California		Carnegie Institution of Washington, Stanford, California	
1924 David Starr Jordan	Ichthyology	1953 Charles Donald Shane	Astronomy
Stanford University, Palo Alto, California		Lick Observatory, University of California, Mount Hamilton, California	
1925 Carl Ewald Grunsky	Engineering	1954 Alfred Henry Sturtevant	Genetics
Consulting Engineer and California Academy of Sciences, San Francisco, California		California Institute of Technology, Pasadena, California	
1926 Robert Grant Aitkin	Astronomy	1955 E. R. Guthrie	Psychology
Lick Observatory, University of California, Mount Hamilton, California		University of California, Riverside, California	
1927 Arthur Amos Noyes	Chemistry	1956 Robert Bigham Brode	Physics
California Institute of Technology, Pasadena, California		University of California, Berkeley, California	
1928 Charles Atwood Kofoid	Zoology	1957 James Murray Luck	Biochemistry
University of California, Berkeley, California		Stanford University, Stanford, California	
1929 Walter Sydney Adams	Astronomy	1958 Ian Campbell	Geology
Mount Wilson Observatory, Pasadena, California		California Institute of Technology, Pasadena, California	
1930 Douglas Houghton Campbell	Botany	1959 Henry Eyring	Physical Chemistry
Stanford University, Palo Alto, California		University of Utah, Salt Lake City, Utah	
1931 Thomas Wayland Vaughan	Oceanography	1960 Henry Paul Hansen	Palynology/Paleoecology
Scripps Institution of Oceanography, La Jolla, California		Oregon State University, Corvallis, Oregon	
1932 Armin Otto Leuschner	Astronomy	1961 William Amie Clemens	Zoology
University of California, Berkeley, California		University of British Columbia, Vancouver, British Columbia	
1933 William Frederick Durand	Mechanical Engineering	1962 Melvin Calvin	Organic Chemistry
Stanford University, Palo Alto, California		University of California, Berkeley, California	
1934 Joel Henry Hildebrand	Chemistry	1963 John Patrick Tully	Oceanography
University of California, Berkeley, California		Pacific Oceanographic Group, Nanaimo, British Columbia	
1935 Bailey Willis	Geology	1964 Phil Edwards Church	Meteorology
Stanford University, Palo Alto, California		University of Washington, Seattle, Washington	
1936/1937 Richard Chace Tolman	Physical Chemistry	1965 James Fredrick Bonner	Plant Physiology
California Institute of Technology, Pasadena, California		California Institute of Technology, Pasadena, California	
1938 John Stanley Plaskett	Astrophysics	1966 Daniel Gaskill Aldrich, Jr.	Agronomy
Dominion Astrophysical Observatory, Victoria, British Columbia		University of California, Irvine, California	
1939 Samuel Jackson Holmes	Animal Behavior/Genetics	1967 Adolph Hecht	Botany
University of California, Berkeley, California		Washington State University, Pullman, Washington	
1940 Lewis Madison Terman	Psychology	1968 Garrett Hardin	Biology
Stanford University, Palo Alto, California		University of California, Santa Barbara, California	
1941 Harald Ulrik Sverdrup	Oceanography	6/68–6/69 William Cowperthwaite Snyder	Plant Pathology
Scripps Institution of Oceanography, La Jolla, California		University of California, Berkeley, California	
1942 Dennis Robert Hoagland	Soil Science	6/69–6/70 Theodore Louis Jahn	Zoology
University of California, Berkeley, California		University of California, Los Angeles, California	
		6/70–6/71 George Edmund Lindsay	Botany
		California Academy of Sciences, San Francisco, California	

- 6/71–6/72 Roy Alton Young Plant Pathology  
Oregon State University, Corvallis, Oregon
- 6/72–6/73 John Dove Isaacs Oceanography  
Scripps Institution of Oceanography, La Jolla, California
- 6/73–6/74 Robert Cunningham Miller Zoology  
California Academy of Sciences, San Francisco, California
- 6/74–6/75 George Aubrey Zentmyer, Jr. Plant Pathology  
University of Washington, Seattle, Washington
- 6/75–6/76 Richard Battson Walker Botany  
University of Washington, Seattle, Washington
- 6/76–6/77 Robert Thomas Orr Birds/Mammals  
California Academy of Sciences, San Francisco, California
- 6/77–6/78 Mildred Esther Mathias Botany  
University of California, Los Angeles, California
- 6/78–6/79 Glenn C. Lewis Soil Science  
University of Idaho, Moscow, Idaho
- 6/79–6/80 William Lynn Sims Horticulture  
University of California, Davis, California
- 6/80–6/81 Beatrice Marcy Sweeney Plant Physiology  
University of California, Santa Barbara, California
- 6/81–6/82 Robert Irwin Bowman Vertebrate Zoology  
San Francisco State University, San Francisco, California
- 6/82–6/83 Herbert George Baker Botany  
University of California, Berkeley, California
- [6/83–6/84] Richard Henry Jahns Geology  
(President-Elect; died in office);  
Stanford University, Stanford, California
- 6/83–6/84 Barbara Evelyn Wright Biochemistry  
University of Montana, Missoula, Montana
- 6/84–6/85 Walter Hale Gardner Soil Science  
Washington State University, Pullman, Washington
- 6/85–6/86 Geoffrey George Edgar Scudder Entomology  
University of British Columbia, Vancouver, British Columbia
- 6/86–6/87 T. John Conomos Water Resources  
US Geological Survey, Menlo Park, California
- 6/87–6/88 Orrin Ernest Smith Horticulture  
Oregon State University, Corvallis, Oregon
- 6/88–6/89 James William Valentine Paleobiology  
University of California, Santa Barbara, California
- 6/89–6/90 Frederic N. Nichols Water Resources  
US Geological Survey, Menlo Park, California
- 6/90–6/91 Emanuel Epstein Plant Physiology  
University of California, Davis, California
- 6/91–6/92 Dael Wolfle Psychology/Public Affairs  
University of Washington, Seattle, Washington
- 6/92–6/93 William Campbell Horticulture  
Utah State University, Logan, Utah
- 6/93–6/94 David Stoddart Geography/Ecology  
University of California, Berkeley, California
- 6/94–6/95 Estella Bergere Leopold Botany/Palynology  
University of Washington, Seattle, Washington
- 6/95–6/96 Orman Granger Meteorology  
University of California, Berkeley, California
- 6/96–6/97 John Thomas Dutro, Jr. Geology/Paleontology  
US Geological Survey, Washington, DC
- 6/97–6/98 Luna Bergere Leopold Geology  
University of California, Berkeley, California
- 6/98–6/99 Alan Edward Leviton Herpetology/Biogeography/History  
California Academy of Sciences, San Francisco, California
- 6/99–6/00 Rita Whitmore Peterson Education  
University of California, Irvine, California
- 6/00–6/01 Garniss H. Curtis Geology/Geochronology  
University of California, Berkeley, California
- 6/01–6/02 Nina Grace Jablonski Anthropology  
California Academy of Sciences, San Francisco, California
- 6/02–6/03 John J. Carroll Atmospheric Sciences  
University of California, Davis, California
- 6/03–6/04 William B. N. Berry Paleobiology  
University of California, Berkeley, California
- 6/04–6/05 Lynn Dudley Soil Sciences  
Utah State University, Logan, Utah
- 6/05–6/06 Kathleen M. Fisher Biology/Education  
San Diego State University, San Diego, California
- 6/06–6/07 Carl Maida Anthropology  
University of California, Los Angeles, California
- 6/07–6/08 Terrence M. Gosliner Invertebrate Zoology  
California Academy of Sciences, San Francisco, California
- 6/08–8/09 Anne A. Sturz Marine Oceanography  
University of San Diego, San Diego, California
- 8/09–6/10 John Hafernik Biology  
San Francisco State University, San Francisco, California
- 6/10–6/11 Alissa J. Arp Biology  
Southern Oregon University, Ashland, OR
- 6/11–6/12 Robert L. Chianese English & Humanities  
California State University, Northridge, California
- 6/12–6/13 Owen McDougal Chemistry  
Boise State University, Boise, Idaho
- 6/13–11/13 Francesco Chiappelli Dental Medicine  
University of California, Los Angeles, California
- 11/13–6/15 Richard A. Cardullo Biology  
University of California, Riverside, California

**PACIFIC DIVISION OF AAAS  
SECRETARY-TREASURERS/EXECUTIVE DIRECTORS  
1916–2015**

**Secretary-Treasurer**

1916–1918	Albert Lloyd Barrows	Zoology
	University of California, Berkeley, California	
1919–1927	Winthrop Webster Sargeant	Administration
	California Academy of Sciences, San Francisco, California	
1928–1929	Arthur Gibson Vestal	Biology
	Stanford University, Palo Alto, California	
1930–1942	James Murray Luck	Biochemistry
	Stanford University, Palo Alto, California	
1943–1945	No officers elected during World War II	
1946–1973	Robert Cunningham Miller	Zoology
	California Academy of Sciences, San Francisco, California	
1973–1975	Robert Thomas Orr	Mammalogy/Ornithology
	California Academy of Sciences, San Francisco, California	
1975–1979	Alan Edward Leviton	Herpetology/Biogeography/History
	California Academy of Sciences, San Francisco, California	

**Executive Director**

1979–1998	Alan Edward Leviton	Herpetology/Biogeography/History
	California Academy of Sciences, San Francisco, California	
2/1998–1/2001	David Earl Bilderback	Plant Physiology
	University of Montana, Missoula, Montana	
2001	Alan Edward Leviton	Herpetology/Biogeography/History
	California Academy of Sciences, San Francisco, California	
2002–(present)	Roger Gordon Christianson	Biology
	Southern Oregon University, Ashland, Oregon	

**SCIENTIFIC PUBLICATIONS OF THE PACIFIC DIVISION OF AAAS  
1915–2012**

(Exclusive of Newsletters, Meetings Announcements, and *Proceedings* volumes containing the Programs with Abstracts)

**BOOKS**

(Unless otherwise indicated, the following books were published by the Pacific Division of AAAS)

- 1915 Pacific Coast Committee (Division), AAAS. *Nature and Science on the Pacific Coast*. xii + 302 pp., 29 pls., 2 foldout maps. (Published by Paul Elder & Co., San Francisco, California.)
- 1979 Conomos, T. John, ed. *San Francisco Bay: The Urbanized Estuary*. 493 pp.
- 1980 Taylor, Ronald J., and Alan E. Leviton, eds. [*Biology of*] *The Mosses of North America*. 170 pp.
- 1982 Kockelman, William J., T. John Conomos, and Alan E. Leviton, eds. *San Francisco Bay: Use and Protection*. 309 pp.
- 1982 Leviton, Alan E., Peter U. Rodda, Ellis L. Yochelson, and Michele L. Aldrich, eds. *Frontiers of Geological Exploration of Western North America*. 248 pp.
- 1983 Bowman, Robert I., Margaret Berson, and Alan E. Leviton, eds. *Patterns of Evolution of Galapagos Organisms*. 560 pp.
- 1985 Smiley, Charles J., ed. *Late Cenozoic History of the Pacific Northwest*. 417 pp.
- 1986 Valentine, James W., ed. *Phanerozoic Diversity Patterns: Profiles in Macroevolution*. 441 pp. (Published in collaboration with Princeton University Press, Princeton, New Jersey.)
- 1987 Bilderback, David E., ed. *Mt. St. Helens, 1980: Botanical Consequences of the Explosive Eruptions*. 458 pp. (Sponsored by the Pacific Division of AAAS; published by the University of California Press, Berkeley, California.)
- 1988 Almeda, Frank, and Catherine M. Pringle, eds. *Tropical Rainforests: Diversity and Conservation*. 320 pp. (Published in collaboration with the California Academy of Sciences, San Francisco, California.)
- 1990 Drake, Ellen T., Gary L. Larson, Jack Dymond, and Robert Collier, eds. *Crater Lake: An Ecosystem Study*. 221 pp.
- 1993 Sharma, Ragubir P., ed. *Dietary Factors and Birth Defects*. ix + 392 pp.
- 1994 Bork, Kennard Baker. *Cracking Rocks and Defending Democracy: Kirtley Fletcher Mather, 1888–1978*. 342 pp.
- 1995 Hollibaugh, James T., ed. *San Francisco Bay: The Ecosystem*. 550 pp.
- 1995 Kruckeberg, Arthur, Richard B. Walker, and Alan E. Leviton, eds. *Genecology and Ecogeographic Races*. 285 pp.
- 1998 Guitjens, John, and Lynn Dudley, eds. *Agroecosystems and the Environment: Sources, Control and Remediation of Potentially Toxic, Trace Element Oxyanions*. 213 pp.
- 2004 Leviton, Alan E., and Michele L. Aldrich, eds. *Museums and Other Institutions of Natural History: Past, Present, and Future*. 329 pp. (Published in collaboration with the California Academy of Sciences, San Francisco, California in the Academy's *Proceedings* series, ser. 4, vol. 55, Suppl. I.)
- 2005 Jablonski, Nina G., and Michael T. Ghiselin, eds. *Biodiversity and Taxonomy*. 236 pp. (Published in collaboration with the California Academy of Sciences, San Francisco, California in the Academy's *Proceedings* series, ser. 4, vol. 56, Suppl. I.)
- 2010 Ghiselin, Michael T., and Alan E. Leviton, eds. *Darwin and the Galapagos*. 260 pp. (Published in collaboration with the California Academy of Sciences, San Francisco, California in the Academy's *Proceedings* series, ser. 4, vol. 61, Suppl. II.)
- 2012 Robert Chianese. *Art Inspired by Science*. 50 pp., 38 col. pls.

**BOOKS FROM THE PROCEEDINGS**

- 1983 Kilbourne, Brock K., and Maria T. Kilbourne, eds. *The Dark Side of Science*. 1(2):1–226.
- 1984 Awbrey, Frank, and William Thwaites, eds. *Evolutionists Confront Creationists*. 1(3):1–213.
- 1985 Kilbourne, Brock K., ed. *Scientific Research and New Religions*. 2(2):1–178.
- 1996 Goldstein, Bernard, ed. *California's Master Plan for Higher Education in the Twenty-first Century*. 15(2):1–118.

**SPECIAL PUBLICATIONS (Pamphlets)**

- 1978 Mathias, Mildred E. *The Importance of Diversity*. 11 pp.
- 1984 Baker, Herbert G. *The Future of Plants and Vegetation under Human Influence*. 14 pp.
- 1985 Wright, Barbara E. *Cause and Effect in Heredity, Differentiation, and Aging*. 16 pp.
- 1992 Wolfle, Dael. *Prediction in Science*. 14 pp.
- 1997 Granger, Orman. *Global Environmental Change and the Politics of Uncertainty*. 30 pp.
- 1999–2015 Leviton, Alan E., et al. *The Pacific Division of the American Association for the Advancement of Science: A brief history, meeting sites, presidents and other officers, publications, and a portrait gallery of its officers (1912–2015)*. 16 pp.

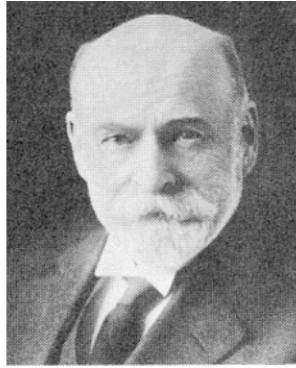


**A GALLERY OF PORTRAITS  
PRESIDENTS  
and other  
OFFICERS  
of the Pacific Division of the  
American Association for the  
Advancement of Science  
1916–2015**

**Presidents of the Pacific Division of AAAS (Year indicates end of term in office)**



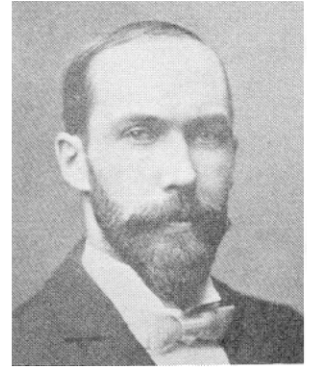
**W. W. Campbell, 1916**



**J. C. Branner, 1917**



**D. T. MacDougal, 1919**



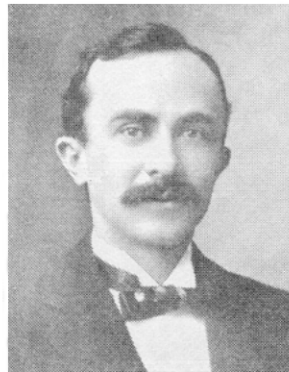
**J. C. Merriam, 1920**



**W. R. Ritter, 1921**



**B. W. Evermann, 1922**



**E. P. Lewis, 1923**



**D. S. Jordan, 1924**



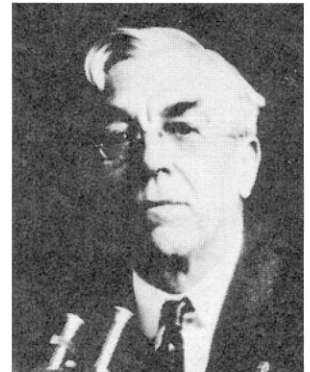
**C. E. Grunsky, 1925**



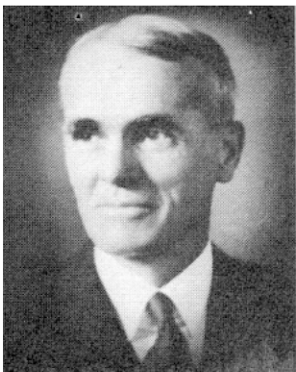
**R. G. Aitkin, 1926**



**A. A. Noyes, 1927**



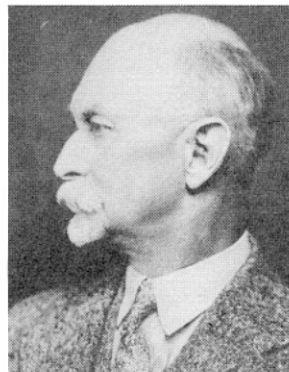
**C. A. Kofoid, 1928**



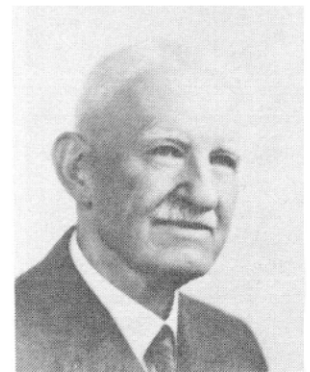
**W. S. Adams, 1929**



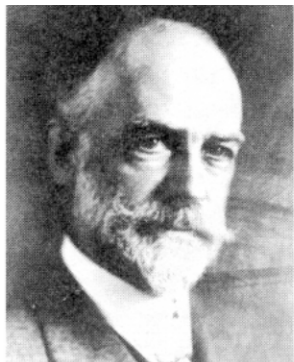
**D. H. Campbell, 1930**



**T. W. Vaughan, 1931**



**A. O. Leuschner, 1932**



W. F. Durand, 1933



J. H. Hilderbrand, 1934



B. Willis, 1935



R. C. Tolman, 1936/37



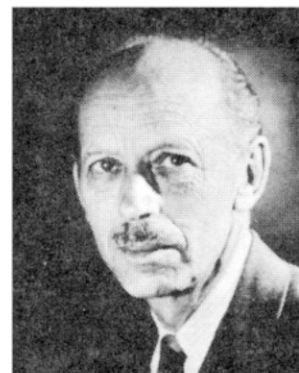
J. S. Plaskett, 1938



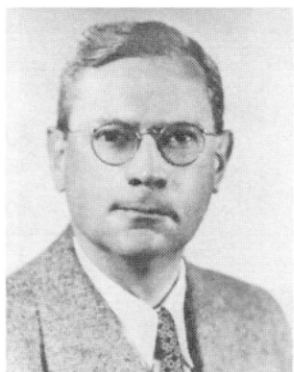
S. J. Holmes, 1939



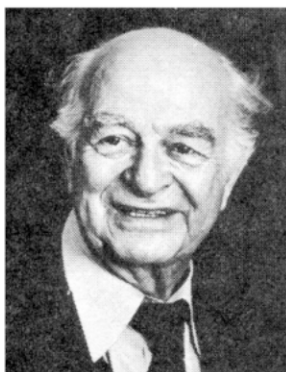
L. M. Terman, 1940



H. U. Sverdrup, 1941



D. R. Haogland, 1942



L. Pauling, 1946



T. G. Thompson, 1947



R. E. Clausen, 1948



L. S. Cressman, 1949



L. M. Klauber, 1950



C. H. Danforth, 1951



H. A. Spoehr, 1952



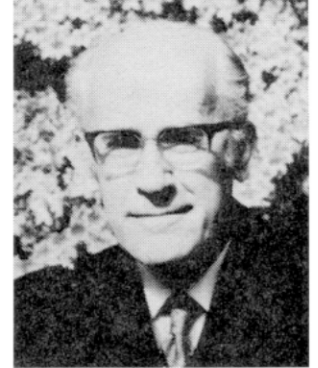
C. D. Shane, 1953



A. H. Sturtevant, 1954



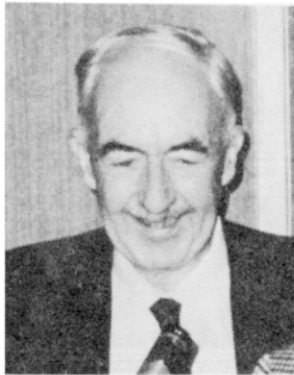
E. R. Guthrie, 1955



R. B. Brode, 1956



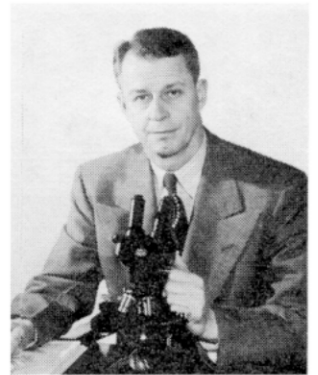
J. M. Luck, 1957



I. Campbell, 1958



H. Eyring, 1959



H. P. Hansen, 1960



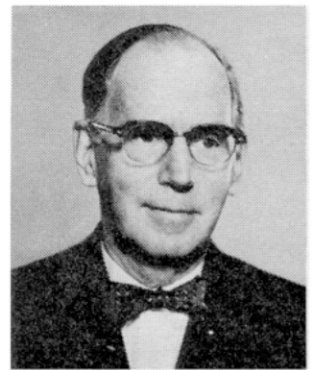
W. A. Clemens, 1961



M. Calvin, 1962



J. P. Tully, 1963



P. E. Church, 1964



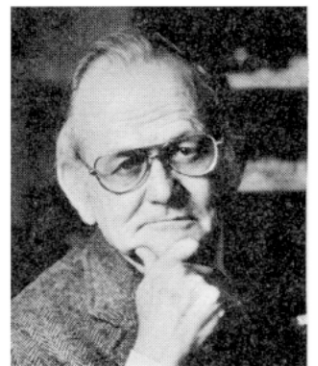
J. F. Bonner, 1965



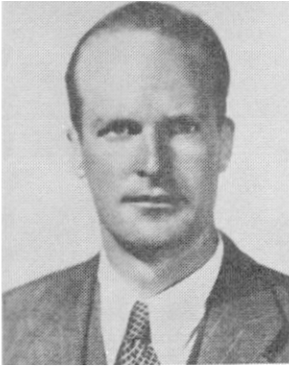
D. C. Aldrich, Jr., 1966



A. Hecht, 1967



G. Hardin, 1968



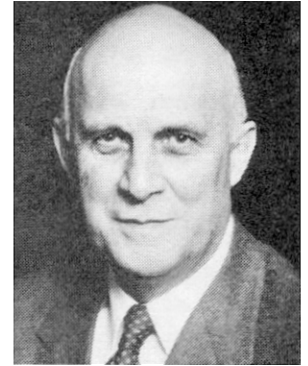
W. C. T. Snyder, 1969



T. L. Jahn, 1970



G. E. Lindsay, 1971



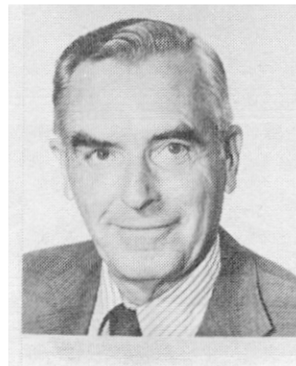
R. A. Young, 1972



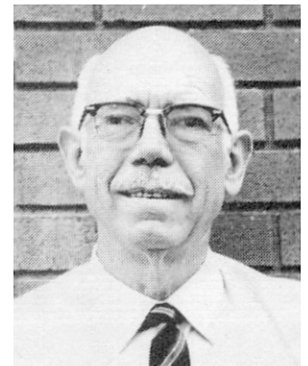
J. D. Isaacs, 1973



R. C. Miller, 1974



G. A. Zentmyer, Jr., 1975



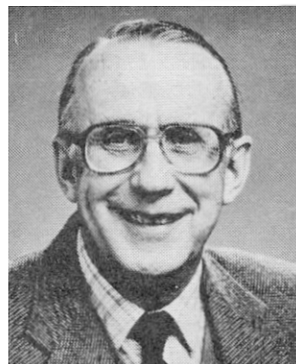
R. B. Walker, 1976



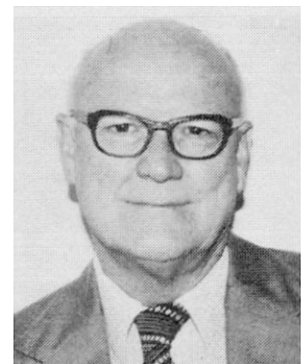
R. T. Orr, 1977



M. E. Mathias, 1978



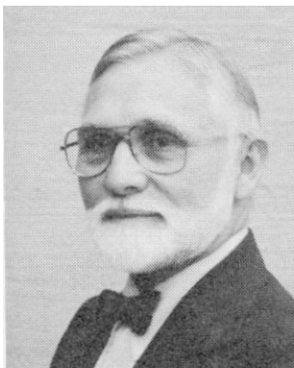
G. C. Lewis, 1979



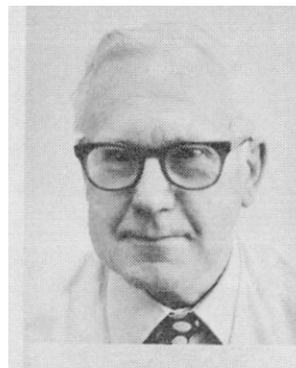
W. L. Sims, 1980



B. M. Sweeney, 1981



R. I. Bowman, 1982



H. G. Baker, 1983



R. H. Jahns, 1984



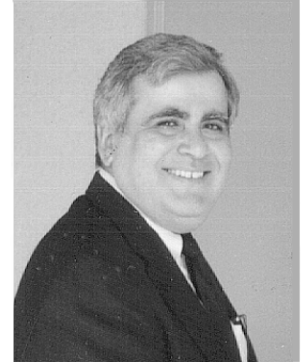
**B. E. Wright, 1984B**



**W. H. Gardner, 1985**



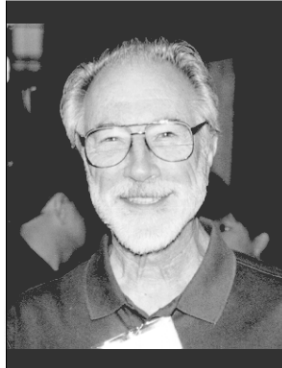
**G. G. E. Scudder, 1986**



**T. J. Conomos, 1987**



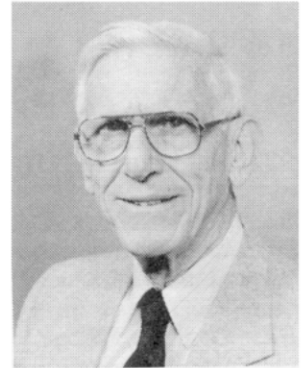
**O. E. Smith, 1988**



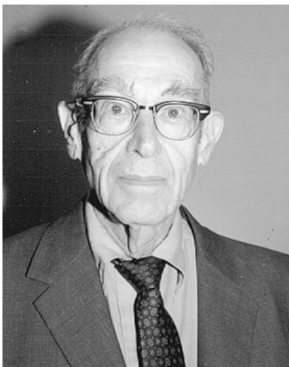
**J. W. Valentine, 1989**



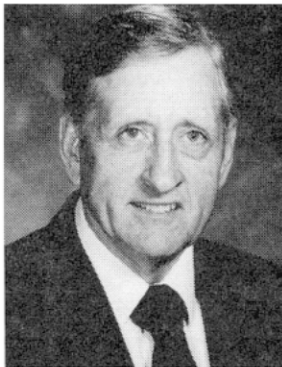
**F. N. Nichols, 1990**



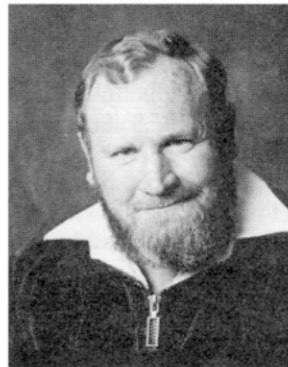
**E. Epstein, 1991**



**D. Wolfe, 1992**



**W. F. Campbell, 1993**



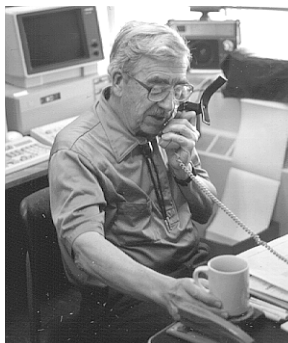
**D. R. Stoddart, 1994**



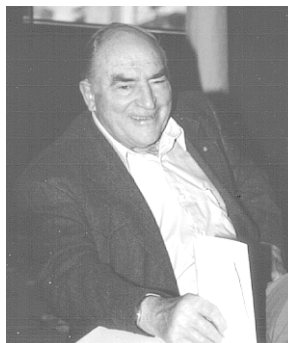
**E. B. Leopold, 1995**



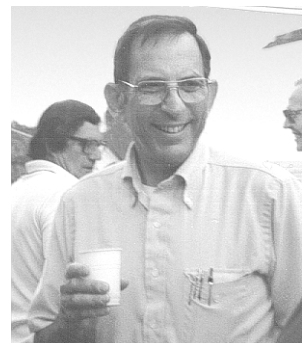
**O. Granger, 1996**



**J. T. Dutro, Jr. 1997**



**L. B. Leopold, 1998**



**A. E. Leviton, 1999**



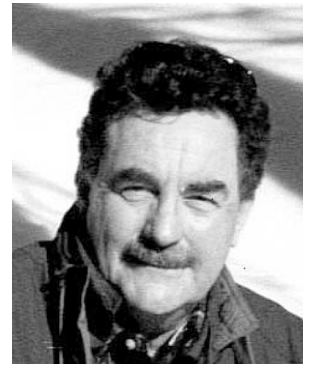
**R. W. Peterson, 2000**



**G. H. Curtis, 2001**



**N. G. Jablonski, 2002**



**J. J. Carroll, 2003**



**W. B.N. Berry, 2004**



**L. Dudley, 2005**



**K. M. Fisher, 2006**



**C. Maida, 2007**



**T. M. Gosliner, 2008**



**A. A. Sturz, 2009**



**J. Hafernik, 2010**



**A. J. Arp, 2011**



**R. L. Chianese, 2012**



**O. M. McDougal, 2013A**



**F. Chiapelli, 2013B**



**R. A. Cardullo, 2015**

Secretary-Treasurers and Executive Directors of the Division



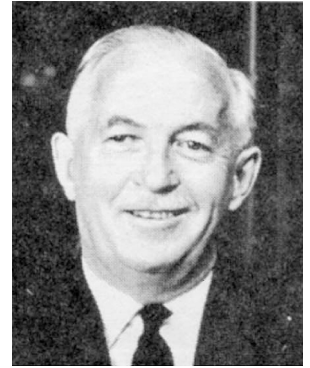
**A. L. Barrows**  
1916-1918



**W. W. Sargeant**  
1919-1927



**A. G. Vestal**  
1928-1929



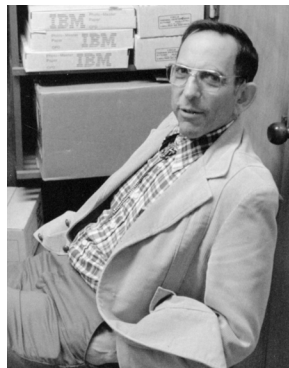
**J. M. Luck**  
1930-1942



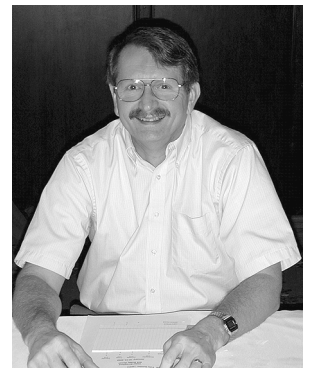
**R. C. Miller**  
1946-1973



**R. T. Orr**  
1973-1975



**A. E. Leviton**  
1975-1998, 2001



**D. E. Bilderback**  
1998-2001



**R. G. Christianson**  
2002-