

## The Four Awards Bestowed by The Academy of Natural Sciences and Their Recipients

The Academy of Natural Sciences periodically recognizes excellence in the natural sciences by bestowing awards. Below is a list of the four awards and their recipients over the years.



### The Hayden Memorial Geological Award

Awarded for best publication, exploration, discovery or research in the sciences of geology and paleontology, or in such particular branches thereof as may be designated. Established in 1888 by Mrs. Emma W. Hayden in memory of her husband, Dr. Ferdinand V. Hayden, the distinguished American geologist and early director of the U.S. Geological Survey who was known for his stratigraphy of the American West and for facilitating the creation of Yellowstone National Park. The award was given annually from 1890-1900 as a bronze medal. It has since then been a gold medal awarded every three years.

- 1890 — James Hall
- 1891 — Edward D. Cope
- 1892 — Edward Suess
- 1893 — Thomas H. Huxley
- 1894 — Gabriel Auguste Daubree
- 1895 — Karl A. von Zittel
- 1896 — Giovanni Capellini
- 1897 — A. Karpinski
- 1898 — Otto Torell
- 1899 — Gilles Joseph Gustave Dewalque
- 1902 — Archibald Geikie
- 1905 — Charles Doolittle Walcott
- 1908 — John Mason Clarke
- 1911 — John C. Branner

- 1914 — Henry Fairfield Osborn
- 1917 — William Morris Davis
- 1920 — Thomas Chrowder Chamberlin
- 1923 — Alfred Lacroix
- 1926 — William B. Scott
- 1929 — Charles Schuchert
- 1932 — Reginald A. Daly
- 1935 — Andrew C. Lawson
- 1938 — Sir Arthur Smith Woodward
- 1941 — Dr. Amadeus W. Grabau
- 1944 — Joseph A. Cushman
- 1947 — Paul Niggli
- 1950 — George Gaylord Simpson
- 1953 — Norman L. Bowen

- 1956 — Raymond C. Moore
- 1959 — Carl O. Dunbar
- 1962 — Alfred S. Romer
- 1965 — Norman D. Newell
- 1968 — Elso S. Barghoorn
- 1971 — Wilmot H. Bra
- 1979 — Daniel I. Axelrod
- 1982 — Stephen Jay Gould
- 1986 — John Ostrom
- 1997 — Edwin Colbert
- 2007 — Edward B. Daeschler



### Gold Medal for Distinction in Natural History Art

Awarded to a person or group of people “whose artistic endeavors and life’s work have contributed to mankind’s better understanding and appreciation of living things.” Art was intended to be interpreted in its broadest sense, and the list of recipients includes artists working in a wide range of disciplines including painting, writing, photography and cinematography. Established in 1980. The award is given periodically and consists of a 24k gold medal.

- 1980 — Roger Tory Peterson
- 1981 — Ansel Adams
- 1982 — Sir Peter Scott
- 1983 — Eliot Porter
- 1984 — Peter Matthiessen

- 1987 — B.B.C. Natural History Unit
- 1992 — William Cooper
- 1995 — Guy Tudor
- 2005 — John McPhee
- 2007 — Ray Troll