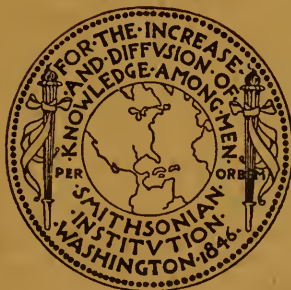


SMITHSONIAN MISCELLANEOUS COLLECTIONS
VOLUME 104, NUMBER 15

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BIOGRAPHICAL SKETCH OF
WILLIAM HEALEY DALL

(WITH ONE PLATE)

BY
PAUL BARTSCH
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BALTIMORE, MD., U. S. A.



WILLIAM HEALEY DALL, 1845-1927

A BIBLIOGRAPHY AND SHORT BIOGRAPHICAL SKETCH
OF WILLIAM HEALEY DALL¹

BY PAUL BARTSCH, HARALD ALFRED REHDER,
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United States National Museum

(WITH ONE PLATE)

BIOGRAPHICAL SKETCH
OF
WILLIAM HEALEY DALL
August 21, 1845—March 27, 1927

BY PAUL BARTSCH

The only lesson which may be said to be absolutely clear is, that naturalists are born, and not made; that the sacred fire cannot be extinguished by poverty nor lighted from a college taper. That the men whose work is now classical, and whose devotion it is our privilege to honor, owed less to education in any sense than they did to self-denial, steadfastness, energy, a passion for seeking out the truth, and an innate love of nature. These are the qualities which enabled them to gather fruit of the tree of knowledge. (Dall, "Some American Conchologists," *Proc. Biol. Soc. Washington*, vol. 4, pp. 95-134, 1888.)

William Healey Dall, one of America's foremost malacologists, traces his American ancestry to a William Dall, who sometime between 1740 and 1745 came to America from Scotland and established a "colonial store," much like our modern department stores, in Baltimore, Md. This venture was evidently a success, for a branch in charge of a son or sons was shortly after established in Boston, Mass.

The direct line of the American ancestry of Dr. Dall is best represented in the following tabulation:

William Dall

William Dall, 1716-1803, and Eliza Bradford

William Dall, 1753-1819, and Mary Parker

James Dall, 1781-1863, and Henrietta Austin

Rev. Charles Henry Appleton Dall, 1816-1886, and Caroline Wells
Healey

William Healey Dall, 1845-1927

¹ Published in large part from fund contributed by The American Malacological Union.

Perusing the achievements of the direct and collateral lines of the Dalls, I am agreed with the Doctor's son Whitney that "as young men the Dalls all had a spirit of adventure if not recklessness and had rather more than ordinary vision in their enterprises. Sometimes they did not work out well as in the case of the reclaimed land on Boston neck, but by and large they were a sturdy lot."

Dr. Dall's father was a saintly character who naturally was drawn to the ministry. He was educated in Boston, graduated from Harvard College in 1837 and the Harvard Divinity School in 1840, and was ordained evangelist in 1841. Immediately thereafter he was minister at large in St. Louis, where he conducted a school for poor boys and girls. From there he was transferred to Baltimore, where he carried on a similar service under Unitarian auspices.

On September 24, 1844, he married Caroline Wells Healey, a teacher in Miss English's Female Seminary in Georgetown, D. C., a fine and well-known school attended by the daughters of prominent Washingtonians. Madam Dall, as she later became known, was a scholarly woman, strictly puritanical and frankly outspoken, whose critical and incisive remarks, verbal as well as written, were rather dreaded by the less stable members of Washington society.

In 1845 the Dalls returned to Boston, and in that city William H. Dall was born on August 21. Shifting positions carried the family to Portsmouth, N. H., Needham, Mass., Toronto, Canada, and finally on February 22, 1855, the Reverend Mr. Dall was appointed by the American Unitarian Association as its missionary to India. There he started the first missionary school for the young in Calcutta, where, with the exception of a few short visits home, he labored very successfully, until his death in 1886. It was not practical for his young family to accompany him, and the family was therefore established in a cottage in West Newton. The financial resources of the family were limited and required the strictest economy, and welcome were the increments earned by Mrs. Dall by writing and teaching.

At West Newton young Dall attended, as day scholar, the local school of the Allen Brothers which had a deservedly high reputation. Later the family returned to Boston, and Dall's educational endeavors were continued at the Brimmer School and later at the English High School, where he obtained some knowledge of Latin, French, and trigonometry, the last of which he said was very useful to him later in his Coast and Geodetic Survey work.

In 1862 his father, while on a visit, took him to Cambridge to meet some of the professors, an event which, says Dall, was "a privilege

for a boy to remember." Here he later became a pupil of Louis Agassiz at the Museum of Comparative Zoölogy, having Putnam, Verrill, Scudder, J. A. Allen, C. F. Hartt, and H. Hagen as teachers and associates. His father, on this visit, urged him to come to India and enter the tea business, which he eventually definitely declined. While this subject was under discussion, Louis Agassiz and his associates, realizing the value of an enthusiastic young man in a field from which little of scientific value had come to the United States, gave young Dall an intensive course in collecting not only in Mollusca but in other branches of natural history, which widened his interest and enabled him to add to the sum of knowledge in subjects other than his chosen specialty. It was at the end of his high school days in 1863 that Dall enlisted as a volunteer for a short time for the protection of the arsenal at Boston.

"At this time," says Dall in his journal, "a book fell in my hands which determined my line of study permanently. I had for some time collected natural history objects, insects, etc., and sent them to Prof. Agassiz and even to the Smithsonian, but without a special interest in any particular group." The book referred to was Dr. A. A. Gould's Report on the Invertebrata of Massachusetts, almost entirely devoted to the Mollusca and beautifully illustrated by the distinguished author.

He continues :

I became interested in collecting the land and fresh water shells of the vicinity and when I became puzzled about some of them I called on the good Doctor for information. He was kindness itself and gave me encouragement to pursue my investigations as well as some of his published papers. I soon found myself studying the subject, borrowing conchological books from the library, and extending my collecting field to the seashore between Boston and Cape Ann, as my spare time allowed. Since then the population of the coast waters has exterminated most of the more sensitive species which at that time were not rare. Doctor Gould without my knowledge, presented my name to the council of the Boston Society of Natural History and I was admitted as a student member excused from fees. I made the acquaintance of others interested in natural history, and so was launched into the serious study of the Mollusca, which has been the major part of my life work.

On graduation from the high school he engaged for a time as office boy with Deshon and Yarrington, African traders, on India wharf. Leaving them, he spent some time working over shells at the Boston Society of Natural History and collecting in the woods about Boston and West Lynn as well as in the marshes of Nahant. It was at this point of unattachment that a visitor from Chicago, the Rev. Robert Collyer, suggested the possibility of finding suitable employment in

that city. We therefore shortly after find Dall occupying a clerkship in the Land Office of the Illinois Central Railway at a salary of \$27.50 a month. While there, he spent his spare time at the Academy of Science Museum, working on their collections and making the acquaintance of Kennicott, Nason, Bannister, and other members of the small scientific circle then existing in Chicago.

He was next attached to an exploring party searching for iron deposits in northern Michigan at about double his former pay. On his return to Chicago he found the projected expedition under Kennicott to Russian America under discussion at the Academy, and he was asked to join this enterprise at a salary of \$50.00 a month. A tempting offer of \$2,000 a year was made to him at this time to manage a lead mine in Missouri which he declined, preferring the scientific work offered.

To prepare himself for the Alaskan enterprise of the Russian-American Telegraph Co., he left Chicago on March 5, 1865, for Washington, to gain additional training at the Smithsonian Institution, where he fell under the genial guiding influence of Spencer Fullerton Baird whose historic biography² he was later destined to prepare. Here he made his first contact with that group of young scientists chosen to carry out the Smithsonian ideal, "the increase and diffusion of knowledge among men."

The party sailed from New York on the *Golden Rule* March 21, 1865. Dall's journal states that the scientific staff of the expedition consisted of R. Kennicott, director; J. T. Rothrock, botanist; H. M. Bannister, fossils; W. H. Dall, invertebrates and fish; H. W. Elliott, small animals and birds; George W. Maynard and Ferdinand Bischoff, insects. They arrived without mishap (this was during the Civil War) at Greytown (San Juan del Norte), Nicaragua, on March 30, and landed April 1. The crossing of the isthmus through Lake Nicaragua, with all the delights of a first visit to the Tropics, is beautifully reflected in the pages of his journal. Mollusks, of course, received most attention, but nothing seemed to escape his sharp, enthusiastic eye. The creatures of the sea, as well as birds, toads, lizards, fish, and everything seen by the young naturalist received notice in the journal.

The party left San Juan del Sur, Nicaragua, April 12, on the steamer *American* for San Francisco, arriving April 24. The assembling of ships and crews and personnel for the construction of the

²A biography of Spencer Fullerton Baird, including selections from his correspondence with Audubon, Agassiz, Dana, and others. Pp. 1-462, 19 ills. Philadelphia and London, 1915.

telegraph line, as well as scientific equipment, appears to have been an arduous task. The delay gave Dall an opportunity to meet the west coast naturalists, and we find him an ardent member of the California Academy of Sciences. Likewise did it give him a chance to make collections in the region. His journal states that he collected and sent 5,305 specimens to the Smithsonian Institution before leaving San Francisco.

The members of the scientific staff were sent to different regions, and Dall we find quartered with Captain Scammon on the schooner *Nightingale* as "Quartermaster" in charge of scientific equipment, sailing from San Francisco on May 23. On July 12 he was made Acting Surgeon, his attendance at lectures by Wyman at Harvard and others at San Francisco having given him some knowledge of anatomy and medicine.

A stop was made on August 10 at Sitka, Alaska, where he collected until they again put to sea on August 22.

August 30 and 31 were spent in sounding, dredging, and collecting on Unimak Island, his first work in the Aleutian chain. From here the *Nightingale* sailed for St. Michaels, where she stayed from September 13 to 17, giving Dall a chance to pick up a lot of specimens. They next passed St. Lawrence Island and stopped at Plover Bay, Siberia, allowing 5 days for collecting. Petropavlovsk was reached October 15, and here he collected until November 3, when the *Nightingale* set sail for San Francisco, arriving on November 30.

Thus ended Dall's exploration in northern waters for 1865. Dall says in his personal diary that the trip yielded 5,160 individual specimens belonging to 451 species.

On July 11, 1866, we again find him leaving San Francisco on the schooner *Nightingale*, arriving at Plover Bay August 14; from there he sailed for St. Michaels on September 20, arriving September 24. Here he learned of the unfortunate death of his idolized friend, Kennicott, the director of all scientific work of the expedition, who collapsed on the Yukon from heart failure brought on by the worry, fret, and strain not unnatural to such an office and expedition. Here Dall was chosen to assume the leadership of the Yukon exploration and take up Kennicott's burden as director.

He left St. Michaels October 8 by skin canoe (bidarka) for Unalaklit and from there overland with dog sled to Nulato, where he spent the winter collecting natural history specimens and gathering notes on Eskimo and Indian vocabularies, etc.

On May 26, 1867, he set out by bidarka for Fort Yukon on the

Yukon River, arriving June 23. There he remained until July 8 when the return journey was undertaken, and Nulato was reached on July 12. Here he was met with instructions "to transmit without delay all movable property belonging to the Telegraph Company to the Redoubt, St. Michaels." Rumors of the sale of all Russian America (Alaska) to an American company were also afloat. The purchase of Russian America by the United States for \$7,200,000 was proclaimed by President Andrew Johnson June 20, 1867.

It should be remembered that the Russian-American Telegraph enterprise was initiated because the Atlantic cable, after successfully functioning for 20 days, had parted on September 1, 1858, and it was believed that a cable across the narrow, shallow Bering Strait would be more practical. The laying of the second Atlantic cable and its successful operation made the long, round-about transmission unnecessary, and the Alaska enterprise was abandoned.

Dall was so thoroughly imbued with the ideals and dreams of his beloved friend Kennicott that after turning in all equipment and after shipping all the collections he determined to stay in the field and complete the scientific work. He therefore wrote Professor Baird, the Assistant Secretary of the Smithsonian Institution, that he would invest the funds due him from the Company in necessary supplies and continue the scientific explorations of the Yukon for a year or even longer if the Smithsonian Institution would furnish the additional funds needed to carry on. He estimated that the meager sum of \$400 a year would cover the hire of help and necessary food, etc.

Dall's journals of the whole expedition deserve publication; they are not only historic but an epic in scientific exploration. I shall quote an extract of a letter from this 21-year-old naturalist that was read October 20, 1867, at a meeting of the California Academy of Natural Sciences and published.

St. Michael's, Russian America,
August 14, 1867.

I have traveled on snow shoes, with the thermometer from 8° to 40° below zero, about four hundred miles. I have paddled in open canoes up stream six hundred and fifty miles, and down, 1,300 miles. I have obtained 4,550 specimens, including a set of the rocks from Fort Youkon to the sea, sufficient to determine the geological formations for 1,300 miles. The only fossiliferous beds are on the Youkon, and they extend about sixty miles. They are brown sand-stones, containing bivalve mollusca and vegetable remains. There is a small seam of coal thirty miles below the bend, and thin shale above and below. The coal is of good quality; but there is so little of it that it is worthless. These are the only fossiliferous strata I have thus far found. The rocks above and below are all azoic and nonstratified, excepting a little hard blue or black slate. Granite,

and especially mica, are very rare. I found a pebble containing the well known fossils of the Niagara limestone on the beach near Fort Youkon. Fossil wood and bones and teeth of *Elephas* and *Ovibos moschatus* are common over the country. There is a broad patch of volcanic eruptive rock on the river near the lower bend, and it extends to the sea. The islands of St. Michael and Stuart are formed of it, and it is roughly columnar on the former near the Fort.

I have looked carefully for glacial traces, and so far have found absolutely none.

I shall pass over details of the year's work but cannot refrain from quoting two passages from his journal to show a little of the darker side of the enterprise:

Oct. 24, 1867. Wind lessened but water very bad. Can't leave. I sometimes think it is lucky that the Healeys are a hard-headed race and that I have some of the Dall philosophy, too, or I should go insane or kill myself. "Hope deferred maketh a heart very sick." Doubtless God has some good reason for putting me through so hard a mill.

March 26, 1868. Feel a good deal better now. Beginning to get a little flesh on my bones which were nearly bare, for sickness and worry had worn me down to a skeleton.

Dall embarked August 9, 1868, at St. Michaels, Alaska, for San Francisco, where he arrived on September 29. From here he took passage on a Pacific Mail Steamship Company boat for New York via Panama.

We next find him located in a tower of the Smithsonian Institution, working on his collections and the preparation of his volume "Alaska and its Resources," which was published by Lee and Shepard of Boston in 1870. In this he recounts the events of the expedition and brings under one cover all available information on Alaska. This is still considered a standard work. Dall's bibliography shows 34 papers to his credit at the time "Alaska and its Resources" was published.

After attending the Salem meeting of the American Association for the Advancement of Science, he says in his notes, "I returned to Washington, unsatisfied at the results of our explorations in Alaska and determined to find a way to extend them to the Aleutian region. The Coast Survey has published my reconnaissance map of the Yukon, the first covering the whole course of the river." It is therefore not surprising that we next find him appointed Acting Assistant to the Coast Survey in 1871 and ordered to the Pacific coast "to command the schooner *Humboldt* and make surveys in the Alaskan Region." He continued his reconnaissance surveys during the years 1871, 1872, 1873, and 1874, with an additional trip in 1880.

William Healey Dall and Annette Whitney were married in New York City, March 3, 1880. Their wedding trip included Boston,

Chicago, San Francisco, and Sitka. From Sitka Mrs. Dall returned to San Francisco and Dall continued his Alaskan surveys.

During these surveys Dall visited all the Alaskan coastal waters, including the entire chain of the Aleutian Islands, gathering the information needed by the Coast and Geodetic Survey. At the close of the 1874 season Dall was recalled to the Washington office to assemble all the known data of use to navigation in Alaskan waters. The information thus assembled was published in the "Pacific Coast Pilot of Alaska," the foundation upon which all subsequent Alaskan studies by the Coast and Geodetic Survey were based.

In 1884 Dall severed his connection with the Coast and Geodetic Survey and transferred to the newly formed United States Geological Survey as paleontologist. Here he found the niche he had been craving, for the study of recent and fossil mollusks had always been nearest and dearest to his heart. He was detailed to work at the United States National Museum, which had always been under the direction of the Smithsonian Institution, and here he labored as Honorary Curator of the Division of Mollusks and Tertiary Fossils from 1868 until his death in 1927.

During his period of office at the United States Coast and Geodetic Survey his spare hours were devoted to the arranging of the immense collections that he had made in Alaskan waters as well as the material that had accumulated at the Smithsonian Institution. His journals reveal that no opportunity was missed to collect on land or with dredge in the sea during his work in the north. Our knowledge of the fauna of that region is still largely based on Dall's collecting.

How strenuously he employed his time is reflected by his bibliography, where we note that more than 400 papers came from his pen between the publication of "Alaska and its Resources" in 1870 and his severance from the Coast and Geodetic Survey in 1884.

In 1878 Dall was delegated by the Coast and Geodetic Survey and the Smithsonian Institution to attend the 48th meeting of the British Association for the Advancement of Science on August 14, at Dublin, Ireland. In this connection he was to gather all the published information on Alaskan subjects of use to the Survey.

He left New York on May 8 for a tour of European museums and libraries. On this trip he went to Norway, where he visited and worked with Friele and Sars; in Sweden he met Lovén and Nordenskjöld; while at Copenhagen, Denmark, he met Steenstrup and Bergh and saw the Möller collection of Greenland shells and the Fabricius collection at the University Museum. In Germany he saw

the Museum Godeffroy at Hamburg and the Zoological Museum at Berlin, where he met von Maltzan and von Martens as well as Friedländer. In Frankfurt he came in contact with Kobelt and Verkrutzen while paying a visit to the Senckenbergisches Museum; at Stuttgart he examined the Naturhistorisches Cabinet, here visiting Krauss, and later Troschel at Bonn. Passing through Holland, he returned to England, where at the British Museum, in addition to seeing its wonderful collection, the finest in the world, he came in contact with Edgar Smith, Hanley, Woodward, Jeffreys, Davidson, and many other scientists.

On August 13 he arrived at Dublin, Ireland, where he was promptly elected to the Biological and Geographical Committees. He delivered a paper on "Our Knowledge of Alaska at the Present Time," which he says was well received. Here he met Sir Wyville Thomson, Huxley, and many other scientists. Back in England, he visited Oxford and Cambridge and then returned to London. Next he visited Paris, where he met Crosse; then returning to England, he looked up John Murray and Watson of *Challenger* fame at Edinburgh, and Marrat at Liverpool.

Reading Dall's daily entries in his journals shows that nothing of real moment escaped his eager eyes. Historic points, museums and their contained treasures, libraries, and laboratories of the world's foremost institutions crowded their information upon his receptive mind. What to malacology, however, was most important was his meeting with the research men of that day, practically the founders of our science, and establishing personal contacts with them, even as he had previously done on our west coast, where he had worked with Gabb, Cooper, Stearns, Newcomb, Canfield, and Peale, with whom he kept in touch in succeeding years.

During his European trip in 1878 he visited J. Gwyn Jeffreys and looked over some of his immense private collection of mollusks.

In the files of the United States National Museum is a letter from Jeffreys dated January 7, 1882, containing the following:

Now a few words as to my collection of shells. I simply regard them as a workman's tools; and after my work is finished I would dispose of the collections for a fair price. They have cost me a considerable sum altogether, viz., upwards of £2000. I value them at £1050, one thousand guineas; and I should be glad to have them available for scientific purposes.

Again in May 29, 1882, he wrote in response to an inquiry for a general statement of the contents of the collection:

1. A perfect and unique collection of British Mollusca, containing about 700 species, being all the species which have been described or recorded. It com-

prises every species given in Mr. Gwyn Jeffreys' work on "British Conchology" and in his subsequent papers on the subject, as well as the original collections of Dr. Turton (the author of the "Conchological Dictionary" and other publications), of the late Mr. Clark (the author of "A History of the British Marine Testaceous Mollusca") and some types of Col. Montagu (author of the "Testacea Britannica") and of other well-known conchologists. The rare species are amply represented; and altogether the specimens number considerably more than 10,000, perhaps 100,000.

2. A collection (supposed to be complete) of Mediterranean shells, including those of Herr Weinkauff (the author of "Conchylien des Mittelmeeres") and many rare species received from other writers on Mediterranean shells.

3. A collection (believed to be complete) of Scandinavian marine shells, including types of Professors M. & G. O. Sars and Prof. Lovén.

4. A collection of Arctic shells, including types of Mr. Reeve, Prof. Torell, Mr. Albany Hancock, and others.

5. A collection of shells from various other parts of the European seas, including several of the new species procured by the French Expedition of 1880 in the Bay of Biscay and several undescribed species.

6. Types of species (chiefly *Rissoa*) described and figured by the Rev. R. B. Watson from Madeira.

7. A small collection of North American shells including types of Prof. Stimpson.

8. Collections of land and fresh-water shells from the Continent, United States, Madeira and St. Helena, including types of authors.

9. Collections of marine shells procured during the Expeditions of H. M. S. *Lightning*, *Porcupine*, *Shearwater*, *Valorous*, and *Knight Errant*.

10. Some marine shells of scientific interest dredged in North Japan and from other parts of the world, as well as a few duplicates from the *Josephine*, *Pourtales*, and *Challenger* Expeditions.

11. A collection of British Cirripeds, many of them named by the late Mr. Darwin and referred to in his Monograph.

12. An extensive collection of Tertiary and post-Tertiary shells from the English Crag, Italy, France, Great Britain, and Scandinavia.

As a result of these negotiations Dall purchased the collection and later turned it over to the United States National Museum at the purchase price. What the presence of this unrivaled collection with its many types has meant to American malacologists and paleontologists can only be completely understood by the many students who have consulted it for comparing West Atlantic with East Atlantic species, or those who have sought comparison of the European Arctic fauna with that of Bering Sea and the Arctic Ocean north of it.

On August 25, 1888, Dall sailed from Jersey City to attend the Bath meeting of the British Association for the Advancement of Science and the Geological Congress. On this occasion he renewed many old friendships and made many new ones. He left England September 3.

While on the United States Geological Survey, Dall made trips in 1890, 1892, 1895, 1897, 1901, and 1910 to the northwest coast to study its geology and fossils as well as recent mollusks. The most enjoyable of his northwest experiences, however, was reserved for his visit in 1899, when, as a guest and member of the famous, sumptuously appointed Harriman Alaska Expedition in the company of a congenial host and fellow scientists, he was able to revisit many of the scenes traversed in his youthful days, without the trials and tribulations of his earlier endeavors. Dall contributed a chapter, "The Description and Exploration of Alaska," as well as a volume on mollusks to the reports on that expedition.

In 1891 he made explorations in Tertiary formations in Florida, and in 1893 in Georgia, reference to the reports of which will be found in the bibliography.

In 1899 Dall was asked by the trustees of the Bernice P. Bishop Museum of Honolulu, Hawaii, to visit the Museum and examine critically the collection of shells made by Andrew Garrett in the Pacific Islands. He spent 2 months at the Museum examining and arranging this collection, and later prepared a critical catalog of it. At the conclusion of this visit Dall was made Honorary Curator of Mollusks of the Bernice P. Bishop Museum.

On April 21, 1915, a banquet was tendered Dr. Dall at the Cosmos Club, Washington, D. C., commemorating the completion of 50 years of service to science. This was attended by over 100 of his associates and friends. The function was presided over by Dr. Robert S. Woodward, and the following toasts were presented:

| | |
|------------------------------|-----------------------------|
| Dall the Alaska Pioneer..... | Dr. Alfred H. Brooks |
| Dall the Anthropologist..... | Prof. Wm. H. Holmes |
| Dall the Coast Pilot..... | Mr. Isaac Winston |
| Dall the Malacologist..... | Dr. Henry A. Pilsbry |
| Dall the Paleontologist..... | Dr. T. Wayland Vaughan |
| Dall the Zoologist..... | Dr. C. Hart Merriam |
| Dall the Nomenclatorist..... | Dr. Ch. Wardell Stiles |
| Dall the Poet..... | Justice Wendell P. Stafford |
| Dall the Man..... | General A. W. Greely |

On October 27, 1943, the *William H. Dall*, a Liberty vessel built by the Oregon Shipbuilding Corporation, was launched at Portland, Oreg.

In 1926 Dall wrote.

When Stimpson by the Chicago fire lost practically most of the manuscripts and specimens which represented years of collecting and research, and never recovered from the loss, I made up my mind not to undertake a magnum opus

of that kind, but to publish promptly researches which seemed to include something new. In this way what was worth while would be on record and available at once for the use of other students. This will account for my large number of short papers.

In spite of the above statement, we note a number of items in his bibliography any one of which many a man would be pleased to call his magnum opus—for example:

- 1870. Alaska and its resources.
- 1884. On masks, labrets, and certain aboriginal customs, with an inquiry into the bearing of their geographical distribution.
- 1885. List of marine Mollusca comprising the Quaternary and recent forms from American localities between Cape Hatteras and Cape Roque, including the Bermudas.
- 1886-89. Reports of the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico (1877-78) and in the Caribbean Sea (1879-80), by the U. S. Coast Survey steamer *Blake*.
- 1889. A preliminary catalogue of the shell-bearing marine mollusks and brachiopods of the southeastern coast of the United States.
- 1890-1903. Contributions to the Tertiary Fauna of Florida, pts. 1-6.
- 1892. (With Gilbert D. Harris). Correlation papers. Neocene.
- 1901. (With Charles T. Simpson). The Mollusca of Porto Rico.
- 1905. Harriman Alaska Expedition. Vol. 13, Land and fresh-water mollusks.
- 1908. Reports on the scientific results of the expedition to the eastern tropical Pacific, in charge of Alexander Agassiz, by the U. S. Fish Commission Steamer *Albatross* . . . The Mollusca and Brachiopoda.
- 1909. The Miocene of Astoria and Coos Bays, Oregon. (Contributions to the Tertiary paleontology of the Pacific Coast, pt. 1.)
- 1909. Report on a collection of shells from Peru, with a summary of the littoral marine Mollusca of the Peruvian zoological province.
- 1915. A monograph of the molluscan fauna of the *Orthaulax pugnax* zone of the Oligocene of Tampa, Florida.
- 1915. Spencer Fullerton Baird. A biography.
- 1921. Summary of the marine shellbearing mollusks of the northwest coast of America. . . .

Dall received the A. M. degree from Wesleyan in 1888, D. Sc. from the University of Pennsylvania in 1904, and LL.D. from The George Washington University in 1915. His association with scientific societies was as follows:

- 1863. Elected a member of the Boston Society of Natural History.
- 1864. Elected active member of the Chicago Academy of Sciences.
- 1865. Elected resident member of the California Academy of Sciences.
- 1866. Elected a corresponding member of the Essex Institute, Salem, Mass.

1868. Joined the American Association for the Advancement of Science, at the Salem, Mass., meeting. Became a Fellow in 1874. Named secretary of Section B, Biology, at the Nashville, Tenn., meeting in 1877, and at the Saratoga, N. Y., meeting in 1879; vice president and chairman of Section F, Biology, at the Montreal meeting in 1882; and of Section H, Anthropology, at the Ann Arbor meeting in 1885. Elected life member emeritus at the New York meeting Dec. 27, 1916.
1870. Elected a foreign member of the K. K. Zoologische Botanische Gesellschaft in Wien, Austria.
1870. Elected corresponding member of the Academy of Natural Sciences, Philadelphia.
1870. Elected corresponding member of the Lyceum of Natural History of New York, more recently known as the New York Academy of Sciences.
1871. One of the founders of the Philosophical Society of Washington.
1871. Elected an honorary member of the Phi Beta Kappa Society, Harvard College Chapter.
1874. Made life member of the California Academy of Sciences.
1879. Nominated correspondent of the Bergen Museum, Bergen, Norway.
1879. Elected corresponding member of the Geographische Gesellschaft of Bremen, Germany.
1879. Elected corresponding member of the Davenport Academy of Sciences, Davenport, Iowa.
1881. Charter member of the Biological Society of Washington and president of the Society, 1888 and 1889.
1882. Made a corresponding member of the Gesellschaft für Erdkunde, Berlin, Germany.
1885. Elected corresponding member of the Svenska Sällskapet för Antropologie och Geografi, Stockholm, Sweden.
1885. Elected a corresponding member of the Elliott Society of Natural History, Charleston, S. C.
1887. Elected active member of the Anthropological Society of Washington.
1888. Elected a corresponding member of the British Association for the Advancement of Science.
1888. Received the degree of A. M., honoris causa, from Wesleyan University, Middletown, Conn.
1888. Elected a corresponding member of the Society of Alaskan Natural History and Ethnology, Sitka, Alaska.
1888. Member of the International Congress of Geologists, London meeting.
1889. Elected corresponding member of the Société Zoologique de France, Paris.
1889. Nominated honorary member of the Congrès Internationale de Zoologie, held at Paris, France.
1890. Made honorary member of the Alaskan Historical Society, Sitka, Alaska.
1891. Active member of the National Geographic Society, Washington, D. C.
1892. Appointed to the advisory board of the World's Columbian Exposition Auxiliary for the Congress of Geology and Zoology.
- 1892-3. Vice president of the Philosophical Society of Washington, D. C.
1893. Appointed Honorary Professor of Tertiary Invertebrate Paleontology in the Wagner Free Institute of Science, Philadelphia.

1893. Nominated as one of the judges in the Department of Fisheries of the Columbian Exposition, Chicago.
1894. Elected president of the Philosophical Society of Washington.
1896. Elected one of the Board of Managers of the National Geographic Society of Washington, for 3 years.
1897. Elected member of the National Academy of Sciences.
1897. Elected member of the Conchological Society of Great Britain and Ireland.
1897. Elected a member of the American Philosophical Society, Philadelphia.
1898. Elected an honorary member of the Section of Ornithology, California Academy of Sciences, San Francisco.
1898. Elected foreign correspondent of the Geological Society of London.
1898. Elected honorary member of the Conchological Society of Great Britain and Ireland.
1899. Received the gold medal for paleontological work awarded by the Wagner Free Institute of Science, Philadelphia.
1899. Appointed honorary curator, Bernice P. Bishop Museum, Honolulu, Hawaiian Islands.
1900. Elected honorary member of the Naturforschende Gesellschaft, Leipzig, Germany.
1904. Elected a member of the Literary Society of Washington.
1904. Received the degree of Doctor of Science, honoris causa, from the University of Pennsylvania.
1906. Elected a corresponding member of the Boston Society of Natural History.
1906. Appointed delegate to the Franklin Bicentenary on behalf of the Conchological Society of Great Britain.
1907. Appointed delegate to the International Zoological Congress in Boston, representing the Smithsonian Institution, the U. S. Geological Survey, and the Philosophical Society of Washington.
1907. Elected president of the Literary Society of Washington, D. C.
1912. Elected Fellow of the American Academy of Arts and Sciences, Boston, Mass.
1914. Appointed a member of the Scientific Advisory Committee of the National Geographic Society of Washington, D. C.
1915. Received the degree of Doctor of Laws, honoris causa, from The George Washington University, D. C.
1916. Made honorary life member of the Philosophical Society of Washington, of which he was a founder.
1916. Elected life member emeritus of the American Association for the Advancement of Science.
1917. Elected honorary life member of the National Geographic Society.
1923. Elected vice president of the Malacological Society of London.
1926. Elected corresponding member of the Peking Society of Natural History, Peking, China.
1926. Elected honorary life member of the Cosmos Club, Washington, D. C.

Dall's enormous molluscan library was donated by him to the division of mollusks of the United States National Museum. His immense

library of Alaskana, excelled only by the Wickersham collection, was purchased by Mrs. E. H. Harriman for the division of mollusks.

In conclusion, I would say that the bibliography following this short sketch will call attention to his scientific efforts. There remains only the reference to Dall as a person. Dall was endowed with indefatigable energy and unusual powers of organization. He was a balanced inheritor of the able, strict, scrupulously honest, Puritanic, determined, and positive factors contributed by the mother, softened by those of the dreamy, idealistic, poetic, gentle father.

The fact that all of Dall's immense literary output, correspondence, and official reports were longhand products might lead one to believe that he was more or less of a recluse. This was by no means the case, for Dall enjoyed good company and sociability. The Dall home from 1880 to his death was at 1119 Twelfth Street, N.W., Washington, D. C. Here most of America's outstanding naturalists, as well as foreign members of the cult, found genial hospitality and fell under the charm of lovable Mrs. Dall. Up to his later years he was a very active member of Washington scientific societies as well as its literary society. He appreciated beauty, partook only extremely meagerly of the "cup that cheers," and found comfort in a soothing pipe.

I am closing this short biographic sketch of Dall with one of his many poems which enables the reader to gain a glimpse of the "Dall philosophy," which was profound and free from bigotry:

THE SEA IS THINE, AND THOU MADEST IT

Lord of the vast inconstant sea,
 Lord of its creatures, great and small,
 Thy steadfast arm unceasingly
 With loving-kindness keepeth all.

Thine are the isles embowered in palm,
 Ring-girt with snow-white coral sand,
 Scenting with aromatic balm
 The trade-wind traversing the land.

Where mirrored in the still lagoon
 The coco and pandanus rise,
 And, driven by the strong monsoon,
 The leaping breaker smites, and dies.

The ceaseless challenge of the seas
 Thy reefs, impregnable, defy;
 Safely defended, thus at ease
 Sunlit, thy peaceful atolls lie.

Thine are the islands of the north,
Mantled with sombre spruce and pine,
Whose rocky buttresses jut forth
Into the chill and seething brine,
Where dripping rockweed lifts and falls
In cadence, as the surges beat,
Resounding, where the sea-gull calls,
And beetling cliff and shingle meet.
The flowing tide across the straits
With rippled front makes good its way,
And, while the eager salmon waits,
Unlocks the shallows of the bay.
Or, where the blue and splintered wall
Of glacier-foot defends the shore,
The ice-front topples to its fall,
The black cliffs echoing its roar.
Forth on the bosom of the tide,
Out to the eddies of the sea,
Majestical, the icebergs ride
Toward transformations yet to be.
Out by the reefs where otters slept
By rocks where herded walrus groan,
Where the Great Auk aforetime kept,
Last of the race, her watch alone;
Into the immemorial deep
They pass, and vanish, dropping slow
Their harvest, garnered on the steep,
Into the silent depths below.
And still thy steady tides flow on,
Responsive to the whirling spheres
Celestial; and their courses run
Through the innumerable years.
Food for thy creatures small and great
In every clime they surely bear;
However paltry its estate,
To each one its appointed share.
Duly thy boundaries are set
For all thy broad unfathomed seas,
Nor may the towering surge forget
The smallest of thy mysteries.
Lord of the breaker and the reef,
Lord of the wide abysmal main,
We read thee in each rustling leaf,
Each atom from the dusty plain;
Thy wondrous artifice we know
In all thy handiwork to be;
Yet, above all, thy glories show
Supreme in thine eternal sea.

BIBLIOGRAPHY OF WILLIAM HEALEY DALL

We have arranged the titles in the chronological order in which they were published, numbering them consecutively. The * before the number calls attention to the publications dealing with mollusks and brachiopods.

1865

1. The seasons. [A short poem.] Chicago Evening Journal, January.
2. A Yankee boy abroad. No. 1. (Place of publication uncertain—probably a Boston, Mass., weekly journal.)
3. A Yankee boy abroad. No. 2. (June.) (Place of publication uncertain—probably a Boston, Mass., weekly journal.)
4. A Yankee boy abroad. No. 3. (Place of publication uncertain—probably a Boston, Mass., weekly journal.)

1866

5. Memorial sketch of Thomas Bridges, Esq., F.L.S., F.Z.S., and member of the California Academy of Sciences. Proc. California Acad. Nat. Sci., vol. 3, pp. 236-237. (February.)
6. [Letter of November 14, 1865, on the work of the Russo-American Telegraph Expedition.] Proc. Chicago Acad. Sci., vol. 1, pp. 31-32. (March.)
- *7. Note on *Octopus punctatus*, Gabb. Proc. California Acad. Nat. Sci., vol. 3, p. 243. (May.) (Also published separately as "Conchological Notes. Number one.")
- *8. [Remarks on California land and fresh-water shells and on *Trochiscus Norrisii*.] Proc. California Acad. Nat. Sci., vol. 3, p. 258. (August.)
- *9. On a new subfamily of fluviatile Mollusca. Proc. California Acad. Nat. Sci., vol. 3, pp. 264-266, fig. 28. (August.) (Also published separately as "Conchological Notes. Number two.")
- *10. [On shells of Monterey.] Proc. California Acad. Nat. Sci., vol. 3, p. 271. (August.)
- *11. On a species of *Helix* from California, supposed to be new. Amer. Journ. Conch., vol. 2, No. 4, pp. 328-329, pl. 21, fig. 4, Oct. 6. (Also published separately as "Conchological Notes. Number three.")

1867

12. [Letter to J. T. Scammon on the operations of the scientific corps, Western Union Telegraph expedition.] Chicago Evening Journal, January.

1868

13. Explorations in Russian America. Amer. Journ. Sci. and Arts, ser. 2, vol. 45, (vol. 95), No. 133, pp. 96-99, January.
14. [Extracts from letter dated "St. Michael's, Russian America, Aug. 14, 1867," on his travels in the Yukon.] Proc. California Acad. Nat. Sci., vol. 3, pp. 367-368. (May.)

15. Resources and position of Alaska. *Min. and Sci. Press*, vol. 17, No. 12, p. 183, Sept. 19.
16. Exploration of the interior of Russian America. *Min. and Sci. Press*, vol. 17, No. 14, p. 209, Oct. 3; No. 15, p. 228, Oct. 10.
17. Exploration of the interior of Russian America. *Proc. California Acad. Nat. Sci.*, vol. 4, pt. 1, pp. 30-32. (November.) (Same as No. 16.)
- *18. Remarks upon the natural history of Alaska. *Proc. Boston Soc. Nat. Hist.*, vol. 12, pp. 143-145. (November-December.)
19. Letter from Alaska. *New York Tribune*.

1869

20. [Last year of Robert Kennicott, in his biography.] *Trans. Chicago Acad. Sci.*, vol. 1, pt. 2, pp. 216-224.
21. [Co-author with H. M. Bannister of] List of the birds of Alaska with biographical notes. *Trans. Chicago Acad. Sci.*, vol. 1, pt. 2, pp. 267-310.
22. Report on the agricultural resources of Alaska. *Rep. Commissioner of Agriculture for 1868*, pp. 172-189, pls. 4-6.
23. Observations on the geology of Alaska. *U. S. Coast Surv., Coast Pilot of Alaska*, pt. 1, app. No. 1, pp. 193-202.
24. Exploration of the interior of Russian America. (Continuation of No. 17.) *Proc. California Acad. Sci.*, vol. 4, pt. 2, pp. 33-37. (January.)
- *25. Materials for a monograph of the family Lepetidae. *Amer. Journ. Conch.*, vol. 5, pt. 3, pp. 140-150, pl. 15, Feb. 3.
26. An afternoon in Nicaragua. *Amer. Naturalist*, vol. 3, No. 1, pp. 35-39, March.
- *27. Notes on the Argonaut. *Amer. Naturalist*, vol. 3, No. 5, pp. 236-239, July.
28. Note on the "blowing" of whales. *Amer. Naturalist*, vol. 3, No. 6, pp. 333-334, August.
29. Die Telegraphen-Expedition auf dem Yukon in Alaska. *Petermann's Mitth. Justus Perthes' Geogr. Anst.*, vol. 15, pt. 10, pp. 361-365, pl. 19 (map), October.
30. General Thomas's Alaska report. [Letter.] *Boston Daily Advertiser*, Oct. 18, p. 2.
31. Coral snakes. *Amer. Naturalist*, vol. 3, No. 9, pp. 497-498, November.
32. [On the bones of the musk ox and buffalo found in the Yukon.] *Proc. Boston Soc. Nat. Hist.*, vol. 13, pp. 136-137. (November.)
33. [The alluvial deposits of the Yukon River, in Alaska.] *Proc. Boston Soc. Nat. Hist.*, vol. 13, p. 138. (November.)
- *34. [The distribution of marine animals.] *Proc. Boston Soc. Nat. Hist.*, vol. 13, p. 164. (December.)
35. [Insects seen in Alaska in winter.] *Proc. Boston Soc. Nat. Hist.*, vol. 13, p. 171. (December.)

1870

- *36. On the trend of the Rocky Mountain range north of lat. 60° and its influence on faunal distribution. Proc. Amer. Assoc. Adv. Sci., vol. 18, p. 247.
37. Plan and estimates for a hydrographic reconnaissance of the northern district of Alaska Territory. Congr. Rec., 41st Congr., 2d Sess., H.R. Ex. Doc. No. 255, pp. 2-7.
38. On the distribution of the native tribes of Alaska, and the adjacent territory. Proc. Amer. Assoc. Adv. Sci., vol. 18, pp. 263-273.
39. First day on the Yukon. Old and New, vol. 1, No. 1, pp. 44-47, January.
40. [Letter on Alaska.] Washington (D. C.) Morning News, Feb. 26.
41. Map of Alaska. U. S. Coast Survey, March.
42. Alaska and its resources. xii + 628 pp., 15 pls., 1 map. Lee and Shepard, Boston.
- *43. Revision of the classification of the Mollusca of Massachusetts. Proc. Boston Soc. Nat. Hist., vol. 13, pp. 240-257. (April.)
- *44. On the genus *Pompholyx* and its allies, with a revision of the Limnaeidae of authors. Ann. Lyc. Nat. Hist., vol. 9, pp. 333-361, pl. 2, figs. 1-3. (April-June.)
45. A winter's day in the Yukon Territory. Amer. Naturalist, vol. 4, No. 4, pp. 218-225, June.
- *46. Materials toward a monograph of the Gadiniidae. Amer. Journ. Conch., vol. 6, pt. 1, pp. 8-22, pls. 2, 4, July 7.
- *47. Remarks on the anatomy of the genus *Siphonaria*, with a description of a new species. Amer. Journ. Conch., vol. 6, pt. 1, pp. 30-41, pls. 4-5, July 7.
48. Dall's Alaska. [Reply to a review.] The Nation, vol. 11, No. 264, p. 42, July 21.
49. Mr. Dall's "Alaska" once more. The Nation, vol. 11, No. 265, p. 55, July 28.
50. The ruby crowned kinglet. [With notes on Yukon waterfowl.] Amer. Naturalist, vol. 4, No. 6, pp. 376-377, August.
- *51. A revision of the Terebratulidae and Lingulidae, with remarks on and description of some recent forms. Amer. Journ. Conch., vol. 6, pt. 2, pp. 88-168, pls. 6-8, figs. 1-38, Oct. 6.
- *52. Review of Notes on lingual dentition of Mollusca, by W. G. Binney and T. Bland, Ann. Lyc. Nat. Hist., vol. 9, pp. 281-294. Amer. Journ. Conch., vol. 6, pt. 2, pp. 169-171, Oct. 6.
53. Springtime on the Yukon. Amer. Naturalist, vol. 4, No. 10, pp. 594-601, December.
54. [Translation of song from the French of La Guillot.] Washington (D. C.) Evening Star, Dec. 4.

1871

- *55. Note on the existence of transversely striated muscular fibres in *Acmaea*. Amer. Naturalist, vol. 4, No. 11, pp. 691-692, January.
- *56. Deep sea explorations. [Review of Preliminary report of the scientific exploration of the deep sea in H.M. surveying vessel *Porcupine* in 1869.] Amer. Naturalist, vol. 4, No. 12, pp. 744-746, February.

- *57. Note on transversely striated muscular fiber among the Gasteropoda. Amer. Journ. Sci. and Arts, ser. 3, vol. 1 (vol. 101), pp. 123-125, February.
- *58. A new genus of Brachiopoda. Amer. Naturalist, vol. 5, No. 1, p. 55, March.
- *59. Sketch of a natural arrangement of the order Docoglossa. Ann. Mag. Nat. Hist., ser. 4, vol. 7, pp. 286-290, April.
- *60. Note on transversely striated muscular fiber among the Gasteropoda. Ann. Mag. Nat. Hist., ser. 4, vol. 7, pp. 312-313, April. (Same as No. 57.)
- *61. [A note on the publication of the description of the animal of *Limnaea involuta*.] Amer. Journ. Conch., vol. 6, pt. 3, pp. 181-182, Apr. 4.
- *62. On the limpets; with special reference to the species of the west coast of America, and to a more natural classification of the group. Amer. Journ. Conch., vol. 6, pt. 3, pp. 227-282, pls. 14-17, Apr. 4.
- *63. Report on the Brachiopoda obtained by the United States Coast Survey expedition, in charge of L. F. De Pourtalès, with a revision of the Craniidae and Discinidae. Bull. Mus. Comp. Zool., vol. 3, No. 1, pp. 1-45, pls. 1-2, May.
- *64. Preliminary sketch of a natural arrangement of the order Docoglossa. Proc. Boston Soc. Nat. Hist., vol. 14, pp. 49-54. (June.) (Same as No. 59.)
- *65. Note on transversely striated muscular fiber among the Gasteropoda. Nature, vol. 4, p. 114, June 8. (Same as No. 57.)
66. The food fishes of Alaska. Rep. Commissioner of Agriculture for 1870, pp. 375-392, June 30.
67. On some peculiarities of the Eskimo dialect. Proc. Amer. Assoc. Adv. Sci., vol. 19, pp. 332-349, July.
- *68. On the relations of the class Brachiopoda. Proc. Boston Soc. Nat. Hist., vol. 14, pp. 123-126. (August.)
- *69. Supplement to the Revision of the Terebratulidae, with additions, corrections and revision of the Craniidae and Discinidae. Amer. Journ. Conch., vol. 7, pt. 2, pp. 39-85, pls. 10-11, Nov. 2.
- *70. Note on the genus *Anisothyris* Conrad, with a description of a new species. Amer. Journ. Conch., vol. 7, pt. 2, pp. 89-92, pl. 16, figs. 14-15, Nov. 2.
- *71. Descriptions of sixty new forms of mollusks from the west coast of America and the North Pacific Ocean, with notes on others already described. Amer. Journ. Conch., vol. 7, pt. 2, pp. 93-160, pls. 13-16, Nov. 2.

1872

- *72. Notes on California Mollusca. Proc. California Acad. Sci., vol. 4, pt. 2, pp. 182-183, pl. 1, fig. 7. (January.)
73. Is Alaska a paying investment? Harper's New Month. Mag., vol. 44, No. 260, pp. 252-257, January.
- *74. Note on *Gadinia*. Amer. Journ. Conch., vol. 7, pt. 3, pp. 192-193, Mar. 19.

- *75. Preliminary descriptions of new species of mollusks from the northwest coast of America. Published separately Oct. 8, from Proc. California Acad. Sci. (see No. 84).
- 76. Prehistoric remains. Interesting explorations in the Aleutian Islands. [A synopsis.] San Francisco Bulletin, Nov. 6, p. 1.
- 77. Descriptions of three new species of Crustacea, parasitic on the Cetacea of the northwest coast of America. Published separately Nov. 9 from Proc. California Acad. Sci. (see No. 85).
- 78. Quick as thought. Old and New, vol. 6, No. 6, pp. 674-680, December.
- *79. Descriptions of new species of Mollusca from the northwest coast of America. Published separately Dec. 17 from Proc. California Acad. Sci. (see No. 89).
- 80. On the parasites of the cetaceans of the northwest coast of America, with descriptions of new forms. Published separately Dec. 18 from Proc. California Acad. Sci. (see No. 88).

1873

- 81. Catalogue of the Cetacea of the North Pacific Ocean, with osteological notes, and descriptions of some new forms. In Charles M. Scammon, Marine mammals of the northwestern coast of North America, appendix, pp. 278-307.
- 82. [On exploration in Russian America.] Proc. Amer. Acad. Arts and Sci., vol. 8, pp. 297-298.
- 83. [Remarks on driftwood, currents, etc., in the Aleutian Islands.] Proc. California Acad. Sci., vol. 4, pt. 5, p. 268. (January.)
- *84. Preliminary descriptions of new species of mollusks from the northwest coast of America. Proc. California Acad. Sci., vol. 4, pt. 5, pp. 270-271, pl. 1. (January.) (Same as No. 75.)
- 85. Descriptions of three new species of Crustacea, parasitic on the Cetacea of the northwest coast of America. Proc. California Acad. Sci., vol. 4, pt. 5, pp. 281-283. (January.) (Same as No. 77.)
- 86. Notes on pre-historic remains in the Aleutian Islands. Proc. California Acad. Sci., vol. 4, pt. 5, pp. 283-287, pl. 2. (January.)
- 87. [Remarks on tusks of *Elephas* from Kotzebue Sound.] Proc. California Acad. Sci., vol. 4, pt. 5, p. 293. (January.)
- 88. On the parasites of the cetaceans of the northwest coast of America, with descriptions of new forms. Proc. California Acad. Sci., vol. 4, pt. 5, pp. 299-302. (January.) (Same as No. 80.)
- *89. Descriptions of new species of Mollusca from the northwest coast of America. Proc. California Acad. Sci., vol. 4, pt. 5, pp. 302-303, pl. 1, fig. 6. (January.) (Same as No. 79.)
- 90. Descriptions of three new species of Cetacea, from the coast of California. Published separately Jan. 29 from Proc. California Acad. Sci. (see No. 93).
- 91. Notes on the avi-fauna of the Aleutian Islands, from Unalaska eastward. Published separately Feb. 8 from Proc. California Acad. Sci. (see No. 94).
- 92. Remarks on the death of Prof. John Torrey. Published separately, in April, from Proc. California Acad. Sci. (see No. 98).

93. Descriptions of three new species of Cetacea, from the coast of California. Proc. California Acad. Sci., vol. 5, pp. 12-15. (April.) (Same as No. 90.)
94. Notes on the avi-fauna of the Aleutian Islands, from Unalaska eastward. Proc. California Acad. Sci., vol. 5, pp. 25-35. (April.) (Same as No. 91.)
95. Catalogue of the recent species of the class Brachiopoda. Proc. Acad. Nat. Sci. Philadelphia, 1873, pp. 177-204. (Apr. 8 and 29.)
- *96. Descriptions of new species of Mollusca from the coast of Alaska, with notes on some rare forms. Published separately Apr. 9 from Proc. California Acad. Sci. (see No. 97).
- *97. Descriptions of new species of Mollusca from the coast of Alaska, with notes on some rare forms. Proc. California Acad. Sci., vol. 5, pp. 57-62, pl. 2. (May.) (Same as No. 96.)
98. Remarks on the death of Prof. John Torrey. Proc. California Acad. Sci., vol. 5, pp. 64-65. (May.) (Same as No. 92.)
- *99. Aleutian cephalopods. Amer. Naturalist, vol. 7, No. 8, pp. 484-485, August.
100. The "willow wands" from Burrard's Inlet. Amer. Naturalist, vol. 7, No. 8, pp. 488-489, August.
101. Addition to the avi-fauna of America. Amer. Naturalist, vol. 7, No. 10, pp. 634-635, October.
102. Die Aufnahme der Aleuten und die Untersuchung der Behring See, Hydrogr. Mitth., vol. 1, No. 26, pp. 316-317, December.

1874

103. Explorations in the Aleutian Islands and their vicinity. Journ. Amer. Geogr. Soc., vol. 5, pp. 243-245.
104. Is Alaska a paying investment? [Synopsis of lecture.] Bull. Philos. Soc. Washington, vol. 1, pp. 25-26.
105. [Letter about explorations in the Aleutian chain.] Amer. Naturalist, vol. 8, No. 1, pp. 63-64, January.
106. On further examinations of the Amaknak Cave, Captain's Bay, Unalashka. Proc. California Acad. Sci., vol. 5, pp. 196-200, figs. 1-3. (January.)
107. Resolutions of the Academy on the death of Prof. Louis Agassiz. Proc. California Acad. Sci., vol. 5, pp. 242-243. (January and April.)
108. Louis Agassiz. [A poem.] Overland Monthly, vol. 12, No. 2, p. 190, February.
- *109. Catalogue of shells from Bering Strait and the adjacent portions of the Arctic Ocean, with descriptions of three new species. Published separately Feb. 26 from Proc. California Acad. Sci. (see No. 113).
110. On new parasitic Crustacea from the northwest coast of America. Published separately Mar. 3 from Proc. California Acad. Sci. (see No. 114).
111. Notes on the avifauna of the Aleutian Islands, especially those west of Unalashka. Published separately Mar. 14 from Proc. California Acad. Sci. (see No. 115).

- *112. Notes on some Tertiary fossils from the California coast, with a list of the species obtained from a well at San Diego, Calif., with descriptions of two new species. Published separately Mar. 26 from Proc. California Acad. Sci. (see No. 122).
- *113. Catalogue of shells from Bering Strait and the adjacent portions of the Arctic Ocean, with descriptions of three new species. Proc. California Acad. Sci., vol. 5, pp. 246-253. (April.) (Same as No. 109.)
114. On new parasitic Crustacea from the northwest coast of America. Proc. California Acad. Sci., vol. 5, pp. 254-255. (April.) (Same as No. 110.)
115. Notes on the avifauna of the Aleutian Islands, especially those west of Unalashka. Proc. California Acad. Sci., vol. 5, pp. 270-281. (April.) (Same as No. 111.)
116. W. H. Dall's Forschungen in den Aleutischen Inseln, 1873. [Letter.] Petermann's Mitth., vol. 20, pt. 4, pp. 151-152, April.
117. The lords of the isles. Overland Monthly, vol. 12, No. 6, pp. 522-526, June.
118. Deserted hearths. Overland Monthly, vol. 13, No. 1, pp. 25-30, July.
- *119. Notes on an examination of four species of chitons, with reference to posterior orifices. Bull. Essex Inst., vol. 6, No. 8, pp. 124-125, October.
120. Aleut mummies. Min. and Sci. Press, vol. 29, No. 17, p. 268, Oct. 24.
121. Extracts from a letter from W. H. Dall, of the U. S. Coast Survey, to Rev. C. H. A. Dall, M.A., Calcutta. Proc. Asiatic Soc. Bengal, 1874, No. 10, pp. 245-249, December.
- *122. Notes on some Tertiary fossils from the California coast, with a list of the species obtained from a well at San Diego, Calif., with descriptions of two new species. Proc. California Acad. Sci., vol. 5, pp. 296-299. (December.) (Same as No. 112.)
123. Notes on some Aleut mummies. Proc. California Acad. Sci., vol. 5, pp. 399-400. (December.)
124. [Brief synopsis of the results of his recent expedition to Alaska.] Proc. California Acad. Sci., vol. 5, p. 401. (December.)

1875

125. Arbeiten der Küstenaufnahme von Alaska im Jahre 1874. Petermann's Mitth. Justus Perthes' Geogr. Anst., vol. 21, pt. 4, pp. 155-156, April.
126. Harbors of Alaska, and the tides and currents in their vicinity. Rep. U. S. Coast Surv., 1872, App. 10, pp. 107-212, May.
127. Arctic marine vegetation. Nature, vol. 12, p. 166, July 1.
128. Elliott's report on Alaska. The Evening Post, New York, July 9, p. 2.
129. Our northern possessions. Personal experience in Alaska—an answer to representations of the Government agent. Boston Daily Advertiser, July 15, p. 2.
130. Alaskan mummies. Amer. Naturalist, vol. 9, No. 8, pp. 433-440, August.
131. A note from Mr. Dall [in answer to a letter of Mr. Elliott]. Boston Daily Advertiser, Aug. 20, p. 2.
132. Review of Report upon the condition of affairs in the Territory of Alaska, by Henry W. Elliott. The Nation, vol. 21, No. 531, pp. 154-155, Sept. 2.

133. Report of explorations on the coast of Alaska. Rep. U. S. Coast Surv., 1873, App. 11, pp. 111-112, November.
134. Report on Mount St. Elias, Fairweather and some of the adjacent mountains. Published separately in November from Rep. U. S. Coast Surv., 1875 (see No. 167).

1876

135. Products of the sea and shore. Collections to illustrate the fishery resources of the United States. International Exhibition, 1876. [Preliminary circular in preparation for final catalogue and exhibit, pp. 1-7.] U. S. Nat. Mus.
136. [Brief history of travels of discovery in the Queen Charlotte Islands.] Mesozoic Fossils, vol. 1, pt. 1, pp. 1-4. Geol. Surv. Canada.
137. On the remains of later pre-historic man, obtained from caves in the Catherina archipelago, Alaska Territory. . . . Smithsonian Contr. to Knowl., vol. 22, art. 6, (Publ. No. 318), pp. 1-40, pls. 1-10, January.
- *138. Contributions to the natural history of Kerguelen Island. Mollusks. U. S. Nat. Mus. Bull. 3, pp. 42-49, February.
139. *Review of Tales and traditions of the Eskimo*, by Dr. Henry Rink. The Nation, vol. 22, No. 559, pp. 182-183, Mar. 16.
140. *Review of Die Eingebornen Sibiriens*, by Middendorf. The Nation, vol. 22, No. 562, pp. 230-231, Apr. 6.
141. *Review of Artes Africanæ*, by Schweinfurth. The Nation, vol. 22, No. 562, p. 231, Apr. 6.
- *142. Introductory note on the marine faunal regions of the North Pacific. Sci. Results Expl. Alaska, vol. 1, No. 1, pp. 1-4, December.
- *143. On the extrusion of the seminal products in limpets, with remarks on the phylogeny [sic] of the Docoglossa. Sci. Results Expl. Alaska, vol. 1, No. 1, art. 2, pp. 35-43, December.

1877

144. Educated fleas. Amer. Naturalist, vol. 11, No. 1, pp. 7-11.
- *145. On the marine faunal regions of the North Pacific, an introductory note to the report on Alaskan hydroids, by Mr. Clark. Proc. Acad. Nat. Sci. Philadelphia, 1876, pp. 205-208. (Jan. 2.) (Same as No. 142.)
- *146. On the extrusion of the seminal products in limpets, with remarks on the phylogeny [sic] of the Docoglossa. Proc. Acad. Nat. Sci., Philadelphia, 1876, pp. 239-247. (Jan. 9.) (Same as No. 143.)
- *147. [Obituary of F. B. Meek.] Amer. Naturalist, vol. 11, No. 2, pp. 122-123, February.
- *148. On a provisional hypothesis of saltatory evolution. Amer. Naturalist, vol. 11, No. 3, pp. 135-137, March.
- *149. On the California species of *Fusus*. Published as a separate from Proc. California Acad. Sci., pp. 1-5, Mar. 19. (Vol. 7 of Proceedings never published.)
- *150. Preliminary descriptions of new species of mollusks from the northwest coast of America. Published as a separate from Proc. California Acad. Sci., pp. 1-6, Mar. 19. (Vol. 7 of Proceedings never published.)

- *151. Note on: "Die Gasteropoden Fauna Baikalsees." [A review of paper by W. Dybowski.] Proc. Boston Soc. Nat. Hist., vol. 19, pp. 43-47. (April.)
- *152. *Hyalina subrupicola*, n.s. In A. S. Packard, On a new cave Fauna in Utah. Bull. U. S. Geol. and Geogr. Surv. Terr., vol. 3, No. 1, pp. 163-164, Apr. 5.
- 153. [On the tides of the Polar Sea.] Bull. Philos. Soc. Washington, vol. 2, p. 89, May.
- *154. Report on the Brachiopoda of Alaska and the adjacent shores of north-west America. Sci. Results Expl. Alaska, vol. 1, art. 3, pp. 45-62, June.
- 155. On the distribution and nomenclature of the native tribes of Alaska and the adjacent territory. In Tribes of the extreme Northwest. Contr. to North Amer. Ethnol., vol. 1, pt. 1, pp. 7-40, map, July.
- *156. On succession in the shell-heaps of the Aleutian Islands. In Tribes of the extreme Northwest. Contr. to North Amer. Ethnol., vol. 1, pt. 1, pp. 41-91, July.
- 157. On the origin of the Innuít. In Tribes of the extreme Northwest. Contr. to North Amer. Ethnol., vol. 1, pt. 1, pp. 93-106, July.
- 158. Terms of relationship used by the Innuít. In Tribes of the Northwest. Contr. to North Amer. Ethnol., vol. 1, pt. 1, Appendix, pp. 117-119, July.
- *159. Index to the names which have been applied to the subdivisions of the class of Brachiopoda excluding the rudistes previous to the year 1877. U. S. Nat. Mus. Bull. 8, pp. 7-88, July.
- *160. Report on the Brachiopoda of Alaska and the adjacent shores of north-west America. Proc. Acad. Nat. Sci. Philadelphia, 1877, pp. 155-168 (June 26); pp. 169-170 (July 10). (Same as No. 154.)
- *161. [Obituary of Dr. Philip Pearsall Carpenter.] Amer. Naturalist, vol. 11, No. 8, pp. 504-505, August.
- *162. [Obituary of Col. Ezekiel Jewett.] Amer. Naturalist, vol. 11, No. 8, p. 505, August.
- 163. Review of Scientific results of the U. S. Arctic expedition, steamer *Polaris*, C. F. Hall commanding. Vol. 1. Physical observations, by Emil Bessels. The Nation, vol. 25, No. 636, pp. 156-157, Sept. 6.
- 164. The late Mr. Sumner and the purchase of Alaska. The Nation, vol. 25, No. 646, p. 298, Nov. 15.
- 165. Mr. Sumner and Alaska. The Nation, vol. 25, No. 649, p. 349, Dec. 6.
- *166. Nomenclature in zoology and botany. (A report to the American Association for the Advancement of Science at Nashville meeting, Aug. 31, 1877.) Pp. 7-56, Dec. 18. Salem, Mass. (Separate of No. 168.)

1878

- 167. Report on Mount St. Elias, Fairweather and some of the adjacent mountains. Rep. U. S. Coast Surv., 1875, App. 10, pp. 157-188, pls. 22-23. (Same as No. 134.)
- *168. Report of the committee on zoological nomenclature to Section B of the American Association for the Advancement of Science, at the Nashville meeting, Aug. 31, 1877. Proc. Amer. Assoc. Adv. Sci., vol. 26, pp. 7-56.

169. Neuere Forschungen auf den Alëuten. Deutsche Geogr. Blätt., vol. 2, No. 1, pp. 34-43, map; No. 2, pp. 84-101.
170. Social life among our aborigines. Amer. Naturalist, vol. 12, No. 1, pp. 1-10, January.
- *171. Note sur la machoire et la plaque linguale du *Liriola peltoides*, Carpenter, var. *vernalis*. Journ. de Conch., vol. 26, No. 1, pp. 68-73, Mar. 12.
- *172. Descriptions of new forms of mollusks from Alaska contained in the collections of the National Museum. Proc. U. S. Nat. Mus., vol. 1, pp. 1-3. (Mar. 27.)
- *173. Postpliocene fossils in the Coast Range of California. Proc. U. S. Nat. Mus., vol. 1, p. 3. (Mar. 27.)
- *174. Fossil Mollusca from the later Tertiaries of California. Proc. U. S. Nat. Mus., vol. 1, pp. 10-16. (Mar. 27.)
175. *Review of The Dutch in the Arctic Seas*, by S. R. von Campen. The Nation, vol. 26, No. 665, pp. 216-217, Mar. 28.
- *176. The results of recent investigations into the natural history of the Chitonidae. Bull. Philos. Soc. Washington, vol. 2, pp. 193-195, Apr. 27.
- *177. Preliminary note on mollusks of the "Blake" expedition. Bull. Mus. Comp. Zool., vol. 5, No. 6, pp. 55-64, July.
- *178. [Remarks in E. D. Cope, The report of the committee of the American Association of 1876 on biological nomenclature.] Amer. Naturalist, vol. 12, No. 8, pp. 518-524, August.
- *179. Note on shells from Costa Rica kitchenmidden, collected by Drs. Flint and Bransford. Proc. U. S. Nat. Mus., vol. 1, pp. 23-24. (Sept. 12.)
- *180. Distribution of California Tertiary fossils. Proc. U. S. Nat. Mus., vol. 1, pp. 26-30. (Sept. 12.)
- *181. Descriptions of new species of shells from California in the collections of the National Museum. Proc. U. S. Nat. Mus., vol. 1, pp. 46-47. (Sept. 12.)

1879

- *182. Catalogue of illustrations of the economical invertebrates of the American coasts. U. S. Nat. Mus. Bull. 14, pp. 249-271.
183. Meteorology. Pacific Coast Pilot. Coast and Islands of Alaska. 2d ser., App. 1, pp. 5-162, pls. 1-12, charts 1-28.
184. [Co-author with Marcus Baker of] Partial list of charts, maps, and publications relating to Alaska and the adjacent region, from Puget Sound and Hakodadi to the Arctic Ocean, between the Rocky and the Stanovoi Mountains. Pacific Coast Pilot of Alaska, App. 1, pp. 165-223.
185. [Co-author with Marcus Baker of] Partial list of books, pamphlets, papers in serial journals, and other publications on Alaska and adjacent regions. Pacific Coast Pilot of Alaska, App. 1, pp. 226-375.
- *186. Mollusks. List of shells obtained by Mr. Ludwig Kumlien, naturalist to the Howgate expedition, 1877-78, at points in Cumberland Sound, Arctic regions, west from Baffin's Bay. U. S. Nat. Mus. Bull. 15, pp. 145-146.

- *187. Sars' Molluscan fauna of Arctic Norway. [Review of "Bidrag til kundskaben om Norges arktiske Fauna, I, Mollusca Regionis Arcticae Norvegiae," by G. O. Sars.] Amer. Naturalist, vol. 13, No. 1, pp. 30-32, January.
- *188. Report on the limpets and chitons of the Alaskan and Arctic regions, with descriptions of genera and species believed to be new. Sci. Results Expl. Alaska, art. 4, pp. 63-126, February.
- *189. Report on the limpets and chitons of the Alaskan and Arctic regions, with descriptions of genera and species believed to be new. Proc. U. S. Nat. Mus., vol. 1, pp. 281-344, pls. 1-5. (Feb. 15-19.) (Same as No. 188.)
- 190. Testimony against Chinese. Christian Register, Boston, March 1.
- *191. On the use of the generic name *Gouldia* in zoology. Proc. Zool. Soc. London, 1879, pt. 1, pp. 131-132, June 1.
- 192. *Review of Northward Ho!* by Capt. A. H. Markham; and *Die amerikanische Nordpol-expedition, von Emil Bessels*. The Nation, vol. 29, No. 748, pp. 296-297, Oct. 30.
- *193. Note sur l'*Ancylus Gussoni* Costa. Journ. de Conch., vol. 27, No. 4, pp. 285-289, pl. 13, figs. 1-2, Dec. 20.
- 194. Nils Adolf Erik Nordenskiöld. [Biography.] The Nation, vol. 29, No. 756, pp. 441-442, Dec. 25.

1880

- *195. The results of recent investigations into the natural history of the Chitonidae. Bull. Philos. Soc. Washington, vol. 2, pp. 193-195.
- *196. Some recent observations on molluscs. Bull. Philos. Soc. Washington, vol. 3, pp. 75-76.
- *197. [Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico, 1877-78, by the United States Coast Survey steamer "Blake," Lieut.-Commander C. D. Sigsbee, U.S.N., commanding.] V. General conclusions from a preliminary examination of the Mollusca. Bull. Mus. Comp. Zool., vol. 6, No. 3, pp. 85-93, February.
- *198. [Obituary of James W. Milner.] Amer. Naturalist, vol. 14, No. 3, pp. 227-228, March.
- *199. American work in the department of recent Mollusca during the year 1879. Amer. Naturalist, vol. 14, No. 6, pp. 426-436, June.

1881

- 200. [Remarks made before the *Jeannette* Relief Board, with regard to an expedition to the Arctic regions.] Exec. Doc. I, pt. 3, 47th Congr., 1st Sess., Report of the Secretary of the Navy, pp. 791-800.
- 201. United States Survey operations in neighbourhood of Behring Strait. Proc. Roy. Geogr. Soc., London, n.s., vol. 3, No. 1, pp. 47-49, January.
- 202. Alaska Forschungen im Sommer 1880. Petermann's Mitth. Justus Perthes' Geogr. Anst., vol. 27, pt. 2, pp. 46-47, February.
- 203. Notes on Alaska and the vicinity of Bering Strait. Amer. Journ. Sci., ser. 3, vol. 21, No. 122, pp. 104-111, map (pl. 5), February.

204. From a letter dated: "At Sea on board the United States Ship *Yukon*, November 4, 1880." *Daily News*, Calcutta, Feb. 2.
205. The Kuro Siwo at Behring Strait. *The New York Herald*, Feb. 18, p. 8.
206. *Review of Report of the cruise of the United States Revenue steamer Corwin in the Arctic Ocean*, by Capt. C. L. Hooper. *The Nation*, vol. 32, No. 826, pp. 304-305, Apr. 28.
207. [Review of memorial volume issued by the Boston Society of Natural History to commemorate its semicentennial.] *The Nation*, vol. 32, No. 828, p. 334, May 12.
- *208. [Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico, and in the Caribbean Sea, 1877-79, by the United States Coast Survey Steamer "Blake," . . .] Preliminary report on the Mollusca. *Bull. Mus. Comp. Zool.*, vol. 9, No. 2, pp. 33-144, July-December.
- *209. American work in the department of recent Mollusca during the year 1880. *Amer. Naturalist*, vol. 15, No. 9, pp. 704-718, September.
210. The Chukches and their neighbors in the north-eastern extremity of Siberia. *Proc. Roy. Geogr. Soc. London*, n.s., vol. 3, No. 3, pp. 568-570, September.
211. Hydrologie des Bering-Meeres und der benachbarten Gewässer. Petermann's *Mitth. Justus Perthes' Geogr. Anst.*, vol. 27, pt. 10, pp. 361-380, pl. 17 (map), October; pt. 12, pp. 443-448, December.
212. [Review of the final reports of the Norwegian North Atlantic expedition.] *The Evening Post*, New York, Oct. 6, p. 1.
213. [Review of the final reports of the Norwegian North Atlantic expedition.] *The Nation*, vol. 33, No. 849, p. 276, Oct. 6. (Same as No. 212.)
214. *Review of Sir John Franklin*, by A. H. Beesly. *The Evening Post*, New York, Oct. 10, p. 1.
215. *Review of Sir John Franklin*, by A. H. Beesly. "New Plutarch Series." *The Nation*, vol. 33, No. 850, p. 300, Oct. 13. (Same as No. 214.)
216. Bering Strait currents. [Mr. Dall objects to premature criticism—his position misunderstood.] *Daily Alta California*, San Francisco, Oct. 15, p. 2.
217. On the so-called Chukchi and Namollo people of eastern Siberia. *Amer. Naturalist*, vol. 15, No. 11, pp. 857-868, November.
218. *Review of The giant of the North; or, pokings round the Pole*, by R. M. Ballantyne. *The Evening Post*, New York, Nov. 17, p. 1.
219. *Review of The giant of the North; or, pokings round the Pole*, by R. M. Ballantyne. *The Nation*, vol. 33, No. 855, p. 400, Nov. 17. (Same as No. 218.)
220. Schwatka's search. [Review of Schwatka's search, etc., by W. H. Gilder.] *The Evening Post*, New York, Nov. 19, p. 1.
221. *Review of Schwatka's search*, by W. H. Gilder. *The Nation*, vol. 33, No. 856, p. 420, Nov. 24. (Same as No. 220.)
- *222. Intelligence in a snail. *Amer. Naturalist*, vol. 15, No. 12, pp. 976-978, December.
223. [Review of latest report of Norwegian North Atlantic expedition on *Gephyrea* by Koren and Danielssen.] *The Nation*, vol. 33, No. 857, p. 435, Dec. 1.

224. *Review of Pictures of Arctic travel*, by Dr. Hayes. (Reprint.) The Evening Post, New York, Dec. 5, p. 1.
225. *Review of Pictures of Arctic travel*, by Dr. Hayes, The Nation, vol. 33, No. 858, p. 453, Dec. 8. (Same as No. 224.)
226. Comments on the voyage [of the *Jeannette*]. The New York Herald, Dec. 22, p. 3.

1882

- *227. Biographical sketch [of Charles Darwin]. Proc. Biol. Soc. Washington, vol. 1, pp. 56-59.
228. Über das Klima von Alaska. Zeitschr. Oesterr. Ges. Meteor., vol. 17, pp. 443-444.
229. Discussion of Capt. Eduard Dallmann's claim to be the first to land on Wrangell Island. The Nation, vol. 34, No. 865, pp. 78-79, Jan. 26.
- *230. On the genera of chitons. Proc. U. S. Nat. Mus., vol. 4, pp. 279-291. (Pp. 279-288 published Feb. 1; pp. 289-291 published Mar. 13.)
231. New light in Siberia. [Review of Through Siberia, by Henry Landsell.] The Evening Post, New York, Mar. 16, p. 1.
232. New light in Siberia. [Review of Through Siberia, by Henry Landsell.] The Nation, vol. 34, No. 872, pp. 230-231, Mar. 16. (Same as No. 231.)
233. The currents and temperatures of Bering Sea and the adjacent waters. Rep. U. S. Coast and Geod. Surv. 1880, App. No. 16, 46 pp., maps and section, Mar. 23.
234. The voyage of the *Vega*. [Review of The Voyage of the *Vega*, by A. E. Nordenskiöld.] The Evening Post, New York, Mar. 23, p. 1.
235. *Review of The voyage of the Vega*, by A. E. Nordenskiöld. The Nation, vol. 34, No. 873, pp. 254-255. Mar. 23. (Same as No. 234.)
236. Deep-sea exploration. [A lecture delivered in the National Museum, Apr. 22, 1882.] 22 pp. Judd & Detweiler, Washington, D. C.
- *237. On certain limpets and chitons from the deep waters off the eastern coast of the United States. Proc. U. S. Nat. Mus., vol. 4, pp. 400-414. (P. 400 published Apr. 25; pp. 401-414 published May 5.)
238. *Review of Arctic sunbeams; or, from Broadway to the Bosphorus by way of the North Cape*, by S. S. Cox. The Evening Post, New York, May 4, p. 1.
239. *Review of Arctic sunbeams; or, from Broadway to the Bosphorus by way of the North Cape*, by S. S. Cox. The Nation, vol. 34, No. 879, p. 388, May 4. (Same as No. 238.)
- *240. On certain limpets and chitons from the deep waters off the eastern coast of the United States. Ann. Mag. Nat. Hist., ser. 5, vol. 10, No. 55, pp. 11-26, July. (Same as No. 237.)
- *241. Note on Alaska Tertiary deposits. Amer. Journ. Sci. and Arts, ser. 3, vol. 24 (vol. 124), No. 139, pp. 67-68, July.
242. The voyage of the *Vega*. [Review of The voyage of the *Vega*, by A. E. Nordenskiöld.] The Nation, vol. 35, No. 892, pp. 95-96, Aug. 3.
243. Address by William H. Dall, vice president, Section F, before the section of biology, American Association for the Advancement of Science meeting, Aug. 23, 1882. 16 pp. Salem Press.
- *244. Note on *Gadinia excentrica* Tiberi. Amer. Naturalist, vol. 16, No. 9, p. 737, September.

- *245. Species in *Buccinum*. (from a letter to the editor.) *Nachrichtsbl. Deutsch. Malakozool. Ges.*, vol. 14, Nos. 8 and 9, pp. 118-121, September.
246. Zum Kapitel der "Natural-Selection." [Translated extract from address in Montreal, 1882.] *Nachrichtsbl. Deutsch. Malakozool. Ges.*, vol. 14, No. 10, pp. 145-149, October.
- *247. New data on the Gulf Stream. *The Nation*, vol. 35, No. 901, pp. 282-283, Oct. 5.
248. *Review of* The narrative of the *Jeannette*, by Lieut. J. W. Danenhower. (Rev. ed.). *The Nation*, vol. 35, No. 903, pp. 333-334, Oct. 19.
249. *Review of* Zoölogical sketches, by Felix L. Oswald. *The Nation*, vol. 35, No. 905, p. 387, Nov. 2.
250. *Review of* Our lost explorers: the narrative of the *Jeannette* Arctic expedition, etc. *The Nation*, vol. 35, No. 906, p. 402, Nov. 9.
251. *Review of* Reports of the Norwegian North Atlantic expedition, 1876-78, Nos. 4 and 5. *The Nation*, vol. 35, No. 906, pp. 402-403, Nov. 9.
- *252. American work on recent Mollusca in 1881. *Amer. Naturalist*, vol. 16, No. 11, pp. 874-887, November; No. 12, pp. 953-968, December.
253. *Review of* Winners in life's race, by Arabella Buckley. *The Nation*, vol. 35, No. 911, pp. 513-514, Dec. 14.
254. *Review of* Facts and phases of animal life, by Vernon S. Morwood. *The Nation*, vol. 35, No. 911, p. 513, Dec. 14.

1883

255. Alaska. *Amer. Cyclop.*, vol. 1, pp. 239-243. Appleton.
256. [Compiler of] *Pacific Coast Pilot. Alaska, Part 1.* Pp. ix + 333, 16 charts, 13 pls. U. S. Coast and Geod. Surv.
- *257. Der Golfstrom nach den neuesten amerikanischen Forschungen. *Petermanns Mitth.*, vol. 29, pt. 1, pp. 19-21, January.
- *258. Biology of American mollusks. Address by Dr. Dall (vice president, Section F, Biology, American Association for the Advancement of Science). *Naturalists' Leisure Hour and Month. Bull.*, vol. 6, Nos. 72 and 73, pp. 2-5, February. (Same as No. 243.)
259. Explorations in Alaska. [Review of the efforts of the Drs. Arthur and Aurel Krause, *Deutsche Geogr. Blätt.*, vol. 4, 1882.] *Science*, vol. 1, No. 1, p. 19, Feb. 9.
260. Arctic whalefishery in 1882. *Science*, vol. 1, No. 1, p. 19, Feb. 9.
- *261. History and distribution of the fresh-water mussels. [Review of paper by R. E. C. Stearns.] *Science*, vol. 1, No. 1, p. 22, Feb. 9.
- *262. Studies of the Italian cretaceous fossils. [Review of memoir by G. Seguenza.] *Science*, vol. 1, No. 1, p. 22, Feb. 9.
- *263. Tryon's Conchology. [Review of Structural and systematic conchology: an introduction to the study of the Mollusca, by George W. Tryon, Jr. Vol. 1.] *Science*, vol. 1, No. 2, p. 40, Feb. 16.
264. Sea-otter hunting. *Science*, vol. 1, No. 2, p. 47, Feb. 16.
265. British co-operation in arctic meteorological and magnetic research. *Science*, vol. 1, No. 2, p. 48, Feb. 16.
- *266. A remarkable molluscan type. *Science*, vol. 1, No. 2, p. 51, Feb. 16.

267. First use of wire in deep-sea sounding. *Science*, vol. 1, No. 3, p. 65, Feb. 23.
268. Nelson's explorations in the Yukon delta. *Science*, vol. 1, No. 3, p. 78, Feb. 23.
- *269. Trade in Californian invertebrates. *Science*, vol. 1, No. 3, p. 81, Feb. 23.
- *270. [Review of No. 8 of the Zoology of the Norwegian North Atlantic expedition, containing Friele's report on the Buccinidae.] *The Nation*, vol. 36, No. 922, p. 192, Mar. 1.
- *271. Mollusks of the family Cocculinidae. *Science*, vol. 1, No. 5, p. 130, Mar. 9.
272. The present condition of exploration [in part—Arctic regions and Alaska]. *Science*, vol. 1, No. 5, pp. 131-132, Mar. 9.
- *273. [With regard to the continuation of Troschel's *Das Gebiss der Schnecken*.] *Science*, vol. 1, No. 5, p. 156, Mar. 9.
274. *Review of Ice-pack and tundra*, by W. H. Gilder. *The Nation*, vol. 36, No. 924, pp. 240-241, Mar. 15.
- *275. *Review of The story of a shell*, by Rev. J. R. Macduff. *The Nation*, vol. 36, No. 924, p. 241, Mar. 15.
276. [With regard to the coming expedition to the Arctic region by Professor Nordenskiöld.] *Science*, vol. 1, No. 6, p. 159, Mar. 16.
- *277. American Paleozoic fossils. [Review of *The American paleozoic fossils: a catalogue of the genera and species (etc.)*, by S. A. Miller.] *Science*, vol. 1, No. 6, p. 173, Mar. 16.
278. Use of wire in sounding. *Science*, vol. 1, No. 7, p. 191, Mar. 23.
279. Operculate corals. [Review of G. Lindström's memoir in *Svensk. Vet. Akad. Handl.*, vol. 7, No. 4, 1882.] *Science*, vol. 1, No. 7, p. 202, Mar. 23.
- *280. European land-shells. [Review of first supplement to the 2d ed. of Kobelt's catalogue of the European land and fresh-water mollusk-fauna, and of an article by H. Tschapeck on the varieties of *Clausilia dubia* found in Steiermark, published in *Nachrichtsbl. Deutsch. Malakozool. Ges.*, 1883.] *Science*, vol. 1, No. 7, p. 202, Mar. 23.
- *281. Shells from the Colorado region. *Science*, vol. 1, No. 7, p. 202, Mar. 23.
- *282. Variations of *Pompholyx*. *Science*, vol. 1, No. 7, p. 202, Mar. 23.
283. [A note with regard to parties being recalled from Point Barrow and Lady Franklin Bay for lack of appropriations.] *Science*, vol. 1, No. 7, p. 208, Mar. 23.
- *284. Report of the Connecticut Shell-fish Commission, 1883. [Review of Second report of the shell-fish commissioners of the State of Connecticut to the General Assembly, January session, 1883.] *Science*, vol. 1, No. 8, pp. 223-224, Mar. 30.
- *285. Soft parts of ammonites. [Discussion of a paper on *Ammonites* and *Aptychus* read by F. P. Marrat at the November meeting of the Liverpool Geological Association.] *Science*, vol. 1, No. 8, p. 230, Mar. 30.
- *286. *Circe* versus *Gouldia*. *Journ. Conch.* vol. 4, No. 2, pp. 60-63, April.
287. Notes from the North. *Science*, vol. 1, No. 9, p. 258, Apr. 6.
- *288. Report on the mollusks of the North Atlantic. [Review of report by H. Friele.] *Science*, vol. 1, No. 9, p. 259, Apr. 6.
289. A growl about various matters [garbage removal, lack of police, etc.]. *The Evening Star*, Washington, D. C., Apr. 14, p. 5.

- *290. Disease in oysters. [Review of article in Hopson's Sea World, Mar. 15, 1883.] Science, vol. 1, No. 11, p. 316, Apr. 20.
- *291. *Venus mercenaria* in Britain. Science, vol. 1, No. 11, p. 316, Apr. 20.
292. Norwegian Arctic fishery in 1882. [Statistics from Deutsche Geogr. Blätt., vol. 6, No. 1, 1883.] Science, vol. 1, No. 12, p. 343, Apr. 27.
293. Commerce of the White Sea. [Statistics from Deutsche Geogr. Blätt., vol. 6, No. 1, 1883.] Science, vol. 1, No. 12, p. 343, Apr. 27.
- *294. Year book of the German Malacological Society. [Review of Jahrbuch der Deutschen Malakozologischen Gesellschaft, 1882, edited by Dr. W. Kobelt.] Amer. Naturalist, vol. 17, No. 5, pp. 521-523, May.
295. Northern notes. Science, vol. 1, No. 13, p. 368, May 4.
296. Siberian notes. Science, vol. 1, No. 13, p. 368, May 4.
- *297. Large American pearls. [Extracted from Mex. Financero, January 1883.] Science, vol. 1, No. 13, p. 371, May 4.
- *298. Ottawa Unionidae. [Review of Notes on Ottawa Unionidae, by F. R. Latchford, in Trans. Ottawa Field Nat. Club, No. 3.] Science, vol. 1, No. 13, p. 371, May 4.
- *299. Fossils of the Rizzolo clays. [Review of paper by G. Seguenza.] Science, vol. 1, No. 13, p. 371, May 4.
300. Aboriginal population of northern America. Science, vol. 1, No. 14, p. 404, May 11.
- *301. White's fossil mollusks of North America. [Review of book entitled "A review of the non-marine fossil Mollusca of North America," by C. A. White, 1883.] Science, vol. 1, No. 15, p. 425, May 18.
302. Geographical notes from the North. Science, vol. 1, No. 15, pp. 430-431, May 18.
- *303. The position of *Rhodope*. [Note on an article by R. Bergh, in Zool. Anz., No. 123.] Science, vol. 1, No. 15, p. 433, May 18.
- *304. Fischer's Manuel de Conchyliologie. [A review of the fifth part.] Science, vol. 1, No. 15, p. 433, May 18.
- *305. Anatomy of *Parmacella*. [A review of paper by H. Simroth, in Jahrb. Deutsch. Malakozool. Ges., vol. 1, 1883.] Science, vol. 1, No. 15, p. 433, May 18.
- *306. Curious slug from Madagascar. [Review of paper by Heynemann, in Jahrb. Deutsch. Malakozool. Ges., vol. 1, 1883.] Science, vol. 1, No. 15, p. 433, May 18.
- *307. Italian Limaces. [Review of a monograph by Lessona and Pollonera in Mem. Acad. Sci. Torino, vol. 2, No. 35.] Science, vol. 1, No. 16, pp. 466-467, May 25.
- *308. Molluscan fauna of Sardinia. [Review of a paper by Paulucci in Bull. Soc. Mal. Ital., 1883.] Science, vol. 1, No. 16, p. 467, May 25.
- *309. East Indian Pulmonata. [Review of papers on eastern Asiatic Pulmonata by Godwin-Austen and Möllendorff in Journ. Asiatic Soc. Bengal, March 1883.] Science, vol. 1, No. 16, p. 467, May 25.
310. Note on cluster flies. Proc. U. S. Nat. Mus., vol. 5, pp. 635-637. (May 29.)
- *311. Pearls and pearl fisheries. [A lecture delivered at the National Museum, Mar. 3, 1883.] Amer. Naturalist, vol. 17, No. 6, pp. 579-587, June; No. 7, pp. 731-745, July.

312. Norwegian North Atlantic expedition. [A review.] *Amer. Naturalist*, vol. 17, No. 6, pp. 628-629, June.
313. Too much red tape. *Science*, vol. 1, No. 17, p. 473, June 1.
- *314. Snails used for food in Spain. [Extract from a paper by Kobelt.] *Science*, vol. 1, No. 17, p. 492, June 1.
- *315. Extraordinary *Eulima*. *Science*, vol. 1, No. 17, p. 492, June 1.
- *316. Arctic mollusks. [Review of a paper by Miss Bergithe Esmark in the year book of Tromsø Museum.] *Science*, vol. 1, No. 17, p. 492, June 1.
- *317. North German Miocene. [Review of paper by Koenen in *Neues Jahrb. Min.*, vol. 2, p. 223.] *Science*, vol. 1, No. 17, p. 492, June 1.
318. [Note about a relief party being sent to Lady Franklin Bay for the observers under Lieut. Greely.] *Science*, vol. 1, No. 17, p. 497, June 1.
- *319. Variations in Unionidae. [Review of a paper by W. C. Hey in *Quart. Journ. Conch.*, 1882.] *Science*, vol. 1, No. 18, p. 523, June 8.
- *320. Action of the heart during hibernation. [Review of a paper by C. Ashford in *Quart. Journ. Conch.*, 1882.] *Science*, vol. 1, No. 18, p. 524, June 8.
- *321. Malacological notes. *Science*, vol. 1, No. 18, p. 524, June 8.
322. Chuckchis and Chuckchi-land. [Review of a paper in *Deutsche Geogr. Blätt.*, vol. 6, No. 2.] *Science*, vol. 1, No. 18, p. 526, June 8.
323. [Announces the issuance of several reports by the Signal Service, under Gen. Hazen, of various northern expeditions.] *Science*, vol. 1, No. 18, pp. 527-528, June 8.
324. More about the "stickfish." *Forest and Stream*, vol. 20, No. 20, p. 384, June 14.
325. Arctic notes. *Science*, vol. 1, No. 19, pp. 551-552, June 15.
326. Bove on the Fuegians. [Review of account by Bove.] *Science*, vol. 1, No. 19, p. 555, June 15.
327. [Announcement of the explorations of the Chilkat, Lewis, and Yukon Rivers by Lieut. Schwatka and others.] *Science*, vol. 1, No. 19, p. 557, June 15.
328. Causes of the fertility of land in the Canadian north-west territories. [Review of an address by Robert Bell before the Royal Society Canada meeting, May 23, 1883.] *Science*, vol. 1, No. 20, p. 581, June 22.
329. Arctic notes. *Science*, vol. 1, No. 20, p. 582, June 22.
- *330. Land-snails from Bering Strait and Alaska. [Review of a paper by Aurel Krause and Reinhardt in *Nachrichtsbl. Deutsch. Malakozool. Ges.*, April 1883.] *Science*, vol. 1, No. 20, pp. 583-584, June 22.
- *331. A man-eating mollusk. [Review of a note by Maertens in *Nachrichtsbl. Deutsch. Malakozool. Ges.*, April 1883.] *Science*, vol. 1, No. 20, p. 584, June 22.
- *332. Monograph of *Onchidium*. [Review of a monograph by Semper in *Semper's Reisen.*, heft 4.] *Science*, vol. 1, No. 20, p. 584, June 22.
333. [Instructions of the Greely-relief party.] *Science*, vol. 1, No. 20, p. 587, June 22.
334. Northern voyages in the fourteenth century. [Review of Baron Nordenskiöld's *Studier och forskningar*.] *Science*, vol. 1, No. 21, p. 610, June 29.

335. Nordenskiöld's programme. [Review of article in *Nature*, May 10, 1883.] *Science*, vol. 1, No. 21, p. 611, June 29.
336. The coloring matters of the bile of invertebrates. [Review of C. A. MacMunn's paper in *Nature*, May 10, 1883.] *Science*, vol. 1, No. 21, p. 612, June 29.
- *337. The snail nuisance. *The Evening Star*, Washington, D. C., June 30, p. 2.
338. First use of wire in sounding. *Science*, vol. 2, No. 22, pp. 12-13, July 6.
339. Northern notes, Atlantic region. *Science*, vol. 2, No. 22, pp. 20-21, July 6.
340. Northern notes, Pacific region. *Science*, vol. 2, No. 22, p. 21, July 6.
- *341. Abyssal mollusks. [Review of papers by Jeffreys and Boog-Watson.] *Science*, vol. 2, No. 22, p. 22, July 6.
342. The Dickson expedition to Greenland in charge of Professor Nordenskiöld. *Science*, vol. 2, No. 22, p. 28, July 6.
343. Excursion to northern Norway and Spitzbergen by students at the Paris École des Mines. *Science*, vol. 2, No. 22, p. 29, July 6.
344. [Prof. Fries' proposal to colonize Greenland by Lapps.] *Science*, vol. 2, No. 22, p. 29, July 6.
- *345. [Zoology. Mollusks.] Notes. [Notes on recent publications, and a notice of the death of J. B. Gassiés.] *Science*, vol. 2, No. 23, p. 54, July 13.
346. [Review of the report of the Signal-office for 1881.] *Science*, vol. 2, No. 23, pp. 61-62, July 13.
347. [Geography. (Asia.)] Notes. [Notes on expeditions, etc.] *Science*, vol. 2, No. 24, pp. 86-87, July 20.
348. Currents of the Pacific Ocean. [Review of a paper by Antisell in *Bull. Amer. Geogr. Soc.*, vol. 2, 1883.] *Science*, vol. 2, No. 25, pp. 111-112, July 27.
- *349. Mediterranean Mollusca. [Review of papers by J. Gwyn Jeffreys and David Robertson in *Ann. Mag. Nat. Hist.*, May.] *Science*, vol. 2, No. 25, p. 113, July 27.
- *350. Structure of the shell in brachiopods and chitons. [Review of a paper by Van Bemmelen in *Ann. Mag. Nat. Hist.*, May.] *Science*, vol. 2, No. 25, p. 113, July 27.
- *351. Economic mollusks at the Fisheries exhibition. [Note on the publication of the catalogue of economic mollusks exhibited by the U. S. Fish Commission at London, prepared by Lieut. Winslow.] *Science*, vol. 2, No. 25, p. 113, July 27.
352. [An announcement of the meetings of the sixth, seventh, and eighth congresses of the French geographical societies.] *Science*, vol. 2, No. 25, p. 117, July 27.
353. [Announcement of the exhibition of matters relating to geography, by the Société Académique of Brest, June 3-17.] *Science*, vol. 2, No. 25, p. 117, July 27.
354. [The awarding of medals for researches in various fields by the Imperial Geographical Society of St. Petersburg.] *Science*, vol. 2, No. 25, p. 118, July 27.
355. Danish expedition in Greenland in 1883. [Note of program of Dr. Rink, from *Naturen*, May, 1883.] *Science*, vol. 2, No. 26, p. 142, Aug. 3.
356. The death of Crevaux. *Science*, vol. 2, No. 26, p. 142, Aug. 3.

357. Crevaux's voyages in Guiana. [Abstract of Henri Froidevaux's summary of previous investigations of the rivers of Guiana, from Rev. Geogr., May 1883.] Science, vol. 2, No. 26, p. 142, Aug. 3.
358. [Geography. (South America.)] Notes. [Notes on explorations from Mitt. Geogr. Ges. Wien, vol. 26, No. 5.] Science, vol. 2, No. 26, p. 142, Aug. 3.
359. [Note on proposed zoological investigation of the Gulf of Finland, by Dr. M. Braun.] Science, vol. 2, No. 26, p. 147, Aug. 3.
360. [Announcement of the death of E. Mohler and of Hermann Alexander von Berlepsch.] Science, vol. 2, No. 26, p. 148, Aug. 3.
361. Explorations in Cambodia. [Abstract of Dr. Néis' paper in Compt. Rend. Soc. Géogr., No. 11.] Science, vol. 2, No. 27, p. 177, Aug. 10.
362. News from Bering Sea. Science, vol. 2, No. 28, p. 206, Aug. 17.
363. Revoil's journey to Somali-land. [Abstract of article from Compt. Rend. Soc. Géogr., No. 11.] Science, vol. 2, No. 28, p. 206, Aug. 17.
- *364. Existence of a shell in *Notarchus*. [Review of an article by Vayssière in Journ. de Conch., vol. 22, No. 4.] Science, vol. 2, No. 28, p. 206, Aug. 17.
- *365. New abyssal mollusks. [Review of a paper by Fischer in Journ. de Conch., vol. 22, No. 4.] Science, vol. 2, No. 28, pp. 206-207, Aug. 17.
366. [A note from the Tuscarora Mining News about half-breed lambs.] Science, vol. 2, No. 28, p. 210, Aug. 17.
- *367. [Notice of the appearance of Kobelt's Iconographie der schalentragenden europäischen Meeres Conchylien.] Science, vol. 2, No. 30, p. 298, Aug. 31.
368. [Notice that the *Washington* of the Italian Navy is engaged in its annual cruise for the study of the western Mediterranean.] Science, vol. 2, No. 30, p. 298, Aug. 31.
369. [Notice of the death of one of the Akkas (African pygmies) in Italy.] Science, vol. 2, No. 30, p. 298, Aug. 31.
370. [Letters and journals of La Pérouse, edited by George Mantoux, form a volume in Bibliothèque d'aventures et de voyages.] Science, vol. 2, No. 31, p. 341, Sept. 7.
371. [Notice of the finding of the bodies of Prof. Palmer, Capt. Gill, and Lieut. Carrington, assassinated by the Bedouin.] Science, vol. 2, No. 31, p. 341, Sept. 7.
372. French missionary-work in eastern Africa. [From Compt. Rend. Soc. Géogr., No. 11.] Science, vol. 2, No. 32, p. 381, Sept. 14.
- *373. Pleurotomidae of Senegambia. [Review of a paper by Maltzan in Jahrb. Malakozool. Ges., vol. 7, No. 2.] Science, vol. 2, No. 32, p. 381, Sept. 14.
- *374. Mollusca of the Caucasus. [Review of Böttger's paper in Jahrb. Malakozool. Ges., vol. 7, No. 2.] Science, vol. 2, No. 32, pp. 381-382, Sept. 14.
- *375. Monograph of *Ringicula*. [Review of L. Morlet's paper in Journ. de Conch., vol. 22, No. 3.] Science, vol. 2, No. 32, p. 382, Sept. 14.
376. [News from the French meteorological station at Orange Harbor, Patagonia.] Science, vol. 2, No. 32, p. 384, Sept. 14.

377. [The Rev. Father Émile Fortuné Stanislas Joseph Petitot, recipient of a medal from the Royal Geographic Society.] *Science*, vol. 2, No. 32, p. 385, Sept. 14.
378. [Reduction in time of a journey from Paris to Algiers.] *Science*, vol. 2, No. 32, p. 386, Sept. 14.
379. North-west America. *Science*, vol. 2, No. 33, p. 409, Sept. 21.
380. Bove's new expedition. [Review of an article by Bove on a proposed expedition to Patagonia in *Rev. Géogr.*, June 1883.] *Science*, vol. 2, No. 33, p. 409, Sept. 21.
381. [News of the Greely relief expedition.] *Science*, vol. 2, No. 33, pp. 412-413, Sept. 21.
382. *Review of De Paris au Japon à travers la Sibérie*, by Edmond Cotteau. *Science*, vol. 2, No. 33, p. 414, Sept. 21.
- *383. The Chesapeake oyster-beds. [Review of Report on the oyster-beds of the James River, Virginia (etc.), by Francis Winslow, U.S.N., 1882.] *Science*, vol. 2, No. 34, pp. 440-443, figs. 1-3, Sept. 28.
- *384. *Astarte triquetra* Conrad. *Science*, vol. 2, No. 34, p. 447, Sept. 28.
- *385. Anatomy of *Urocyclus*. [Review of a paper by Paul Fischer in *Journ. de Conch.*, vol. 22, No. 4.] *Science*, vol. 2, No. 34, p. 447, Sept. 28.
386. [A brief review of *Mémoires de dépôt de la guerre*, vol. 38, printed by the Russian general staff under the editorship of Rylke.] *Science*, vol. 2, No. 34, p. 453, Sept. 28.
387. [Information about the French deep-sea explorations on the *Talisman* contained in a letter from M. Alph. Milne-Edwards, at Teneriffe.] *Science*, vol. 2, No. 35, pp. 484-485, Oct. 5.
388. [The search for Crevaux by Thouar.] *Science*, vol. 2, No. 35, p. 485, Oct. 5.
389. [The drought in Namaqua-land, South Africa.] *Science*, vol. 2, No. 35, p. 486, Oct. 5.
390. [The length of navigable rivers in European Russia as given by Tillo.] *Science*, vol. 2, No. 35, p. 486, Oct. 5.
391. The De Long records. [Review of The voyage of the *Jeannette*. The ship and ice journals of George W. De Long, Lieut.-Commander U.S.N., and commander of the polar expedition of 1879-91. Edited by his wife, Emma (Jane Wotton) De Long.] *Science*, vol. 2, No. 37, pp. 540-544 (illustrated), Oct. 19.
392. Railways in the Caspian region. [Abstract of a paper in *Compt. Rend. Soc. Géogr.*, June.] *Science*, vol. 2, No. 37, p. 547, Oct. 19.
393. Prjevalski's travels. [Review of Prjevalski's travels, from *Compt. Rend. Soc. Géogr.*, June.] *Science*, vol. 2, No. 37, p. 547, Oct. 19.
394. [Geography. (Africa.)] *Notes. Science*, vol. 2, No. 37, pp. 547-548, Oct. 19.
395. Polar stations. *Science*, vol. 2, No. 38, pp. 576-577, Oct. 26.
396. The whaling-season. *Science*, vol. 2, No. 38, p. 577, Oct. 26.
397. Arctic notes. *Science*, vol. 2, No. 38, p. 577, Oct. 26.
398. [The death of the director of the Imperial Japanese Government laboratory at Yokohama, Dr. A. J. C. Geerts.] *Science*, vol. 2, No. 38, p. 582, Oct. 26.

399. *Review of The voyage of the Jeannette.* The ship and ice journals of Geo. W. De Long, etc., edited by Emma De Long; and Loss of the Steamer *Jeannette*. Record of the proceedings of a Court of Inquiry, etc. *The Nation*, vol. 37, No. 957, pp. 378-379, Nov. 1.
400. [Brief notice of a voyage across the North Pacific, in the ship *Undaunted*, from Yedo to Victoria, V.I., contributed by T. W. Blakiston to the *Japan Gazette*, Sept. 8.] *Science*, vol. 2, No. 39, p. 607, Nov. 2.
401. [Review of a paper read before the Geographical Society of the Pacific in regard to the Mahlemuts of Norton Sound, Alaska.] *Science*, vol. 2, No. 39, p. 607, Nov. 2.
402. [A brief account of J. G. Swan's investigation of Queen Charlotte Islands.] *Science*, vol. 2, No. 39, p. 607, Nov. 2.
- *403. [Announcement of the third edition of Paetel's useful catalogue of mollusks.] *Science*, vol. 2, No. 39, p. 607, Nov. 2.
404. Bureau of commercial science. [Abstract from an article on the new bureau instituted by the Ministry of Commerce of France, in *Soc. Géogr. Paris*, June.] *Science*, vol. 2, No. 40, p. 630, Nov. 9.
405. Notes on population. [From *Bull. Soc. Géogr. Marseille*, June.] *Science*, vol. 2, No. 40, p. 630, Nov. 9.
406. Fisheries of British Columbia. *Science*, vol. 2, No. 40, p. 630, Nov. 9.
407. Salmon-fisheries in the north-west. *Science*, vol. 2, No. 40, p. 630, Nov. 9.
408. [Geography. (South America.)] *Notes. Science*, vol. 2, No. 40, p. 630, Nov. 9.
409. *Review of The scientific results of the voyage of the Corwin to the Arctic seas in 1881*, by Mr. E. W. Nelson and others. *The Nation*, vol. 37, No. 959, p. 416, Nov. 15.
- *410. Tryon's Conchology. [Review of Structural and systematic conchology (etc.), by George W. Tryon, Jr., vol. 2, 1883.] *Science*, vol. 2, No. 41, pp. 658-659, Nov. 16.
411. Arctic notes. *Science*, vol. 2, No. 41, pp. 662-663, Nov. 16.
412. Population of Japan. [Review of note in *Bull. Soc. Géogr. Marseille*, June.] *Science*, vol. 2, No. 41, p. 663, Nov. 16.
413. Petroleum in the Caucasus. [Review of a paper in *British Cons. Rep.*, 1882.] *Science*, vol. 2, No. 41, p. 663, Nov. 16.
- *414. Landshells of Gibraltar. [Review of Kobelt's paper in *Journ. Conch.*, vol. 4, No. 1.] *Science*, vol. 2, No. 41, p. 663, Nov. 16.
- *415. Absorption of the shell in Auriculidae. [Review of article by Crosse and Fischer in *Journ. de Conch.*, vol. 22, No. 3.] *Science*, vol. 2, No. 41, pp. 663-664, Nov. 16.
- *416. [Suggestions made by the Maryland Oyster Commission to increase the yield of oysters.] *Science*, vol. 2, No. 41, pp. 665-666, Nov. 16.
417. Investigations in Thibet. [Abstract of a note on the proposed exploration in Thibet, in *Bull. Soc. Géogr. Marseille*, June.] *Science*, vol. 2, No. 42, p. 690, Nov. 23.
418. Sociology of the Kabyles. [Review of an article by M. Sabatier in *Rev. Géogr.*, June 1883.] *Science*, vol. 2, No. 42, p. 691, Nov. 23.
- *419. Organization of chitons. [Review of a paper by Dr. Béla Haller in *Mitth. Zool. Inst. Wien*, vol. 5, heft 1.] *Science*, vol. 2, No. 42, pp. 692-693, Nov. 23.

- *420. [A note about a Japanese boy dying as the result of having his right arm seized by an octopus.] *Science*, vol. 2, No. 42, p. 698, Nov. 23.
421. [Note on Aleutian mummies obtained for the Berlin museum.] *Science*, vol. 2, No. 42, p. 698, Nov. 23.
422. Population of the Chukchi peninsula. [Abstract of an article by Aurel Krause in *Deutsche Geogr. Blätt.*, vol. 6, No. 3.] *Science*, vol. 2, No. 43, p. 719, Nov. 30.
423. Hydrography of the Siberian Sea. *Science*, vol. 2, No. 43, pp. 719-720, Nov. 30.
424. New charts of north-east Siberia. *Science*, vol. 2, No. 43, p. 720, Nov. 30.
425. Graah's investigations of 1829-30 in Greenland. [Review of paper in *Deutsche Geogr. Blätt.*] *Science*, vol. 2, No. 43, p. 720, Nov. 30.
426. The Portuguese in Africa. [Review of an article by Wauters in *Bull. Soc. Belg. Géogr.*, vol. 2, 1883.] *Science*, vol. 2, No. 43, p. 720, Nov. 30.
- *427. *Pulmonata* of Central Asia. [Review of a paper by E. von Martens in *Mém. Acad. St. Pétersbourg*, (7), vol. 30, No. 11.] *Science*, vol. 2, No. 43, p. 721, Nov. 30.
- *428. Mediterranean oysters. [Review of papers by Gregorio.] *Science*, vol. 2, No. 43, p. 721, Nov. 30.
- *429. Mollusks at the Fisheries exhibition. [Review of notes by J. Gwyn Jeffreys in *Ann. Mag. Nat. Hist.*, August 1883.] *Science*, vol. 2, No. 43, p. 721, Nov. 30.
430. [Information about the hydrographical and topographical changes in the Sunda Straits due to the Java earthquake.] *Science*, vol. 2, No. 43, p. 725, Nov. 30.
- *431. Notes on the Pacific coast trade in shells, shrimp, cod, and salmon (during the year 1882). *Bull. U. S. Fish Comm.*, vol. 3, No. 27, art. 82, p. 425, Dec. 7.
- *432. Abyssal mollusks. [Review of paper by J. Gwyn Jeffreys in *Proc. Zool. Soc. London*, March 1883.] *Science*, vol. 2, No. 44, p. 748, Dec. 7.
- *433. Further research on nudibranchs. [Review of Bergh's paper in *Verh. Zool. Bot. Ges. Wien*, March 1883.] *Science*, vol. 2, No. 44, p. 748, Dec. 7.
434. [Information about the plant which the Annamites call "Hoangnan," belonging to the strychnine family.] *Science*, vol. 2, No. 44, p. 754, Dec. 7.
435. *Review of Cruise of the Snowbird*, by Gordon Stables. *The Nation*, vol. 37, No. 903, p. 493, Dec. 13.
- *436. Extramarine Mollusca of New Guinea. [Review of work by Tapparone-Canefri.] *Science*, vol. 2, No. 45, p. 773, Dec. 14.
- *437. Structure of the oyster-shell. [Review of Osborne's paper in *Stud. Biol. Lab. Johns Hopkins Univ.*, vol. 2, No. 4.] *Science*, vol. 2, No. 45, p. 773, Dec. 14.
- *438. Slime-spinning by *Arion hortensis*. [Review of paper by Roebuck in *Journ. Conch.*, July 1883.] *Science*, vol. 2, No. 45, p. 773, Dec. 14.
439. [Review of a paper on the African nut known as Kola, or Guru, by Heckel in *Bull. Soc. Géogr. Marseille*, June 1883.] *Science*, vol. 2, No. 45, p. 780, Dec. 14.

- *440. Fossils of Pachino. [Review of a paper by Gregorio.] *Science*, vol. 2, No. 46, p. 803, Dec. 21.
- *441. *Spicula amoris* of British helices. [Review of Charles Ashford's article in *Journ. Conch.*, July 1883.] *Science*, vol. 2, No. 46, p. 803, Dec. 21.
- *442. Shell-structure of *Chonetes*. [Review of a note by Thomas Davidson in *Geol. Mag.*, August 1883.] *Science*, vol. 2, No. 46, p. 803, Dec. 21.
- *443. Arctic land. [Review of a paper by F. Schmidt in *Isvestia Imp. Géogr. Soc.*, May.] *Science*, vol. 2, No. 47, p. 830, Dec. 28.
- 444. Settlements on the Siberian coast. [Review of a paper by Karzin in *Isvestia Imp. Géogr. Soc.*, May.] *Science*, vol. 2, No. 47, p. 830, Dec. 28.
- 445. Sierra Leone. [Review of a paper in *Bull. Soc. Belg. Géogr.*, vol. 2, 1883.] *Science*, vol. 2, No. 47, p. 831, Dec. 28.
- 446. Portuguese Guinea. [Review of a memoir by Barros in *Bol. Soc. Geogr. Lisboa*, No. 12, 1882.] *Science*, vol. 2, No. 47, p. 831, Dec. 28.
- 447. [The last expedition of Lessar toward the Oxus.] *Science*, vol. 2, No. 47 p. 840, Dec. 28.

1884

- 448. On masks, labrets and certain aboriginal customs, with an inquiry into the bearing of their geographical distribution. *Third Ann. Rep. Bur. Ethnol.*, pp. 67-200, pls. 5-29.
- 449. Glaciation in Alaska. *Bull. Philos. Soc. Washington*, vol. 6, pp. 33-36.
- 450. [Editor] *Prehistoric America*, by the Marquis de Nadaillac. Translated by N. D'Anvers. x + 566 pp., 219 ills. G. P. Putnam's Sons, New York and London. (Reprinted 1890.)
- 451. [The city of Villa Rica, in Araucania.] *Science*, vol. 3, No. 48, p. 2, Jan. 4.
- *452. On a collection of shells sent from Florida by Mr. Henry Hemphill. *Proc. U. S. Nat. Mus.*, vol. 6, pp. 318-342, pl. 10. (Jan. 4-9.)
- 453. [A note with regard to two geological expeditions in Russia.] *Science*, vol. 3, No. 49, p. 55, Jan. 11.
- 454. [The astronomical data for the position of Ka-uchit Kala, the capital of the Merv oasis.] *Science*, vol. 3, No. 49, p. 55, Jan. 11.
- 455. A new volcano island in Alaska. *Science*, vol. 3, No. 51, pp. 89-93, figs. 1-8, Jan. 25.
- 456. [Note about a steamer being specially built by the Finnish Government for scientific researches to be undertaken in the Baltic.] *Science*, vol. 3, No. 51, p. 111, Jan. 25.
- 457. [A note with regard to Schuver's explorations in the Galla country.] *Science*, vol. 3, No. 51, p. 111, Jan. 25.
- 458. [The domestication of the ostrich in South Africa.] *Science*, vol. 3, No. 51, p. 112, Jan. 25.
- 459. [Suggestions as to the type of naval officers to be chosen to take part in the Greely relief expedition of 1884.] *Science*, vol. 3, No. 52, p. 113, Feb. 1.
- 460. [Note on a discussion of the Suez Canal by M. de Lesseps at the meeting of the *Société de Géographie*.] *Science*, vol. 3, No. 52, p. 140, Feb. 1.

461. [The scientific work of the expedition on the *Talisman* as written by Prof. Milne-Edwards to the Société de Géographie.] Science, vol. 3, No. 53, p. 168, Feb. 8.
462. The false prophet of the Sudan. Science, vol. 3, No. 54, pp. 199-200, Feb. 15.
- *463. [Announcement of the appearance of the sixth fascicle of Dr. Fisher's Manuel de Conchyliologie.] Science, vol. 3, No. 54, p. 212, Feb. 15.
464. [Plans for the Greeley relief expedition as approved by the Navy Department.] Science, vol. 3, No. 55, pp. 213-214, Feb. 22.
- *465. [Protection of oyster beds, taken up by the legislatures of Virginia and Maryland.] Science, vol. 3, No. 55, p. 215, Feb. 22.
466. A woman's journey to the Karakorum Valley. [Review of Madame Ujfalvy's account of her trip with her husband.] Science, vol. 3, No. 55, pp. 228-229, Feb. 22.
467. [Review of Prof. G. Seguenza's volume on the Ostracoda of the Quaternary formation of Rizzolo.] Science, vol. 3, No. 56, p. 268, Feb. 29.
- *468. [Note on a catalogue of Mollusca and Echinodermata from Labrador, by Katherine J. Bush, in Proc. U. S. Nat. Mus.] Science, vol. No. 56, p. 268, Feb. 9.
469. [Note on navigation on the Angara River between Yeniseisk and Irkutsk by R. J. Runeberg.] Science, vol. 3, No. 56, p. 268, Feb. 29.
470. [A note on a lecture by Fr. Schmidt on the *Vega* voyage.] Science, vol. 3, No. 56, p. 268, Feb. 29.
471. [Note about the cutting of the Perekop Isthmus which unites the Crimea to the mainland.] Science, vol. 3, No. 56, p. 270, Feb. 29.
472. [Note on the treaty settling the Russo-Persian frontier question.] Science, vol. 3, No. 56, p. 270, Feb. 29.
473. *Review of Scientific results of the Vega Expedition*, by various authors. The Nation, vol. 38, No. 975, pp. 217-218, Mar. 6.
474. The Danish Expedition to East Greenland. [Review of Lieut. Holm's report published in the Dagblad of Copenhagen.] Science, vol. 3, No. 57, pp. 286-287, Mar. 7.
475. [Description of "El Gueliaa" in the interior of Algeria.] Science, vol. 3, No. 57, p. 296, Mar. 7.
476. [A note about the Russian exploration of the ancient bed of the Oxus.] Science, vol. 3, No. 57, p. 296, Mar. 7.
477. [Signor F. P. Moreno's journey into the interior of Bolivia.] Science, vol. 3, No. 57, p. 296, Mar. 7.
478. [Review of reports of the Krause brothers' trip to Alaska, 1881-82.] Science, vol. 3, No. 57, p. 297, Mar. 7.
- *479. Recent work on brachiopods. [A review.] Science, vol. 3, No. 58, p. 325, Mar. 14.
480. [Review of Alfred Grandidier's account of the district of Madagascar occupied by the so-called Hovas.] Science, vol. 3, No. 58, p. 341, Mar. 14.
481. [A notice of a large stone lance-head of Eskimo fashion being found embedded in the tissues of a whale.] Science, vol. 3, No. 58, p. 342, Mar. 14.
- *482. [Note on Charles Ashford's investigations of the *Spicula amoris* in British Helicidae.] Science, vol. 3, No. 58, p. 342, Mar. 14.

483. The Greely search. *Science*, vol. 3, No. 60, pp. 377-380, Mar. 28.
484. The Crevaux expedition. *Science*, vol. 3, No. 60, pp. 387-388, Mar. 28.
485. The state of exploration in Africa. *Science*, vol. 3, No. 61, pp. 413-415, Apr. 4.
- *486. [A note on the mollusks to be found in a small pond near the Black Hills, Leeds, England.] *Science*, vol. 3, No. 61, p. 425, Apr. 4.
487. [A note on Lessar's journey from Bala Ichemi to Kavakli, Turkestan.] *Science*, vol. 3, No. 62, p. 468, Apr. 11.
- *488. Notes on fishing products exported from San Francisco, Cal., during the year 1883. *Bull. U. S. Fish Comm.*, vol. 4, No. 8, art. 50, pp. 125-128, Apr. 23.
- *489. [Review of Bulletin 2 of the Illinois State Museum of Natural History in which Crustacea, Mollusca, and Crinoidea from the carboniferous formation are described by A. H. Worthen.] *Science*, vol. 3, No. 64, p. 525, Apr. 25.
- *490. [A notice of the publication of new species of primordial fossils by R. P. Whitfield.] *Science*, vol. 3, No. 64, p. 525, Apr. 25.
491. On some Hydrocorallinae from Alaska and California. *Proc. Biol. Soc. Washington*, vol. 2, pp. 111-115. (Apr. 28.)
- *492. Tryon's Conchology. [Review of Structural and systematic conchology (etc.), by George W. Tryon, Jr., vol. 3, 1884.] *Science*, vol. 3, No. 67, p. 601, May 16.
- *493. [Review of Second catalogue of Mollusca recently added to the fauna of the New-England coast, etc., by A. E. Verrill.] *Science*, vol. 3, No. 67, p. 610, May 16.
494. [Notice of the publication of Dr. Nathorst's report on the geology of Waigatt Strait, near Disco Island, and on the attempt of the *Sofia* to reach Cape York in 1883.] *Science*, vol. 3, No. 67, p. 611, May 16.
495. [Review of the fourth volume of the *Meddelsel om Grönland*, by various authors.] *Science*, vol. 3, No. 67, p. 611, May 16.
- *496. [Review of Mesozoic fossils, by J. F. Whiteaves, in the paleontological series of the Dominion Geol. Surv., vol. 1, art. 3.] *Science*, vol. 3, No. 67, pp. 611-612, May 16.
- *497. [Review of paleontological notices in the *Naturalista Siciliano*, by Marquis de Gregorio.] *Science*, vol. 3, No. 67, p. 612, May 16.
498. Journey of Lessar to Seraks. *Science*, vol. 3, No. 68, pp. 628-629, May 23.
499. [Notice of publication of various works on the physical geography of Russia.] *Science*, vol. 3, No. 68, p. 640, May 23.
- *500. [Review of A complete list of the scientific papers of Thomas Bland, prepared by Arthur F. Gray.] *Science*, vol. 3, No. 68, p. 641, May 23.
501. [Notice of some important observations by Capt. Sørensen communicated to the Société de Géographie of Paris.] *Science*, vol. 3, No. 68, p. 642, May 23.
- *502. Invertebrates of the *Talisman* expedition. [Review of a report by Paul Fischer to the French Academy.] *Science*, vol. 3, No. 69, pp. 657-658, fig., May 30.
503. Thouar and Crevaux. [Review of report of Thouar.] *Science*, vol. 3, No. 69, pp. 660-661, May 30.

504. [Notice of the general convention or council of authorities directing geodetic, hydrographic, and other surveys in Russia, held for the purpose of agreeing upon a uniform system of conducting such work.] Science, vol. 3, No. 70, p. 698, June 6.
505. [Review of the Mittheilungen of the Verein für Erdkunde at Halle, for 1883.] Science, vol. 3, No. 70, p. 698, June 6.
- *506. A new classification of the Mollusca. [Review of the article Mollusca, by E. Ray Lankester, in the Encycl. Brit., 9th ed., vol. 16.] Science, vol. 3, No. 71, pp. 730-732, June 13.
507. [Results of snow-shoe races arranged by Oscar Dickson to substantiate the claims of the distance traveled by the Lapps of Baron Norden-skiöld's party in their excursion into central Greenland.] Science, vol. 3, No. 71, p. 740, June 13.
508. [Work of the Lena international meteorological station.] Science, vol. 3, No. 71, p. 742, June 13.
509. [The proposal of the Colonial Society of the Netherlands to establish a periodical in French and Dutch under the name of "Revue Coloniale et Internationale."] Science, vol. 3, No. 71, p. 743, June 13.
510. [Record of the opening and closing of navigation at York Factory, Hudson's Bay.] Science, vol. 3, No. 72, p. 747, June 20.
511. Nourse's American exploration in the ice-zones. [Review of American exploration in the ice-zones (etc.), prepared chiefly from official sources, by J. E. Nourse, U.S.N., 1884.] Science, vol. 3, No. 72, p. 766, June 20.
- *512. [Review of Jahrbuch der Deutschen Malakozoologischen Gesellschaft for 1884, No. 1.] Science, vol. 3, No. 72, p. 770, June 20.
513. [Announcement of the meeting of the seventh general congress of the French geographical societies.] Science, vol. 3, No. 72, p. 771, June 20.
514. Head waters of the Atna or Copper River. Science, vol. 3, No. 73, p. 779, June 27.
515. [A correction in the data about the eruption of the volcano on Augustine Island, Cook's Inlet.] Science, vol. 3, No. 73, p. 798, June 27.
- *516. A remarkable new type of mollusks. Science, vol. 4, No. 76, pp. 50-51, July 18.
517. [Comments on the rescue of Greely and the remnant of his party.] Science, vol. 4, No. 77, p. 77, July 25.
- *518. On the constitution of some appendages of the Mollusca. Amer. Naturalist, vol. 18, No. 8, pp. 776-778, August.
519. [Announcement of sum bequeathed by M. J. B. Morot to the Société de Géographie for an annual prize for the French navigator who shall approach nearest to the North Pole during the year, etc.] Science, vol. 4, No. 79, p. 124, Aug. 8.
520. The new Bogosloff volcano. Science, vol. 4, No. 80, pp. 138-139, Aug. 15.
- *521. Classification of the Mollusca. [A reply to Prof. Lankester's criticism of Dr. Dall's review of Prof. Lankester's "A New Classification of the Mollusca," in the Encyclopaedia Britannica.] Science, vol. 4, No. 81, pp. 143-144, Aug. 22.
522. [Remarks about a hypsometric chart of European Russia prepared by General Tillo.] Science, vol. 4, No. 81, p. 156, Aug. 22.

523. Government organizations. U. S. Geological Survey. (Work proposed for the ensuing fiscal year.) *Science*, vol. 4, No. 82, pp. 184-185, Aug. 29.
524. [Review of vol. 39 of Memoires of the topographic section of the Russian general staff.] *Science*, vol. 4, No. 82, p. 188, Aug. 29.
525. [The results of Dr. Chervin's studies of the medical geography of the Department of the Seine Inférieure with reference to disabilities developed by the annual conscription.] *Science*, vol. 4, No. 83, p. 220, Sept. 5.
526. [The travels of Victor Giraud in Africa.] *Science*, vol. 4, No. 84, pp. 264-265, Sept. 12.
527. [The preparation of a grand monograph on the physical geography of European Russia, and a good general map of the same region.] *Science*, vol. 4, No. 84, p. 268, Sept. 12.
528. [The work on the canal between the Gulfs of Corinth and Aegina.] *Science*, vol. 4, No. 84, p. 268, Sept. 12.
529. *Review of A Trip to Alaska, etc.*, by George Wardman. *The Nation*, vol. 39, No. 1003, pp. 249-250, Sept. 18.
530. [June 20 the date of departure of Sibiriakoff's steamers, the *Obi* and *Nordenskiold*, for the Petshora and Yenisei, respectively.] *Science*, vol. 4, No. 86, p. 332, Sept. 26.
- *531. [Contributions to the history of the Commander Islands.] No. 3.—Report on the Mollusca of the Commander Islands, Bering Sea, collected by Leonhard Stejneger in 1882 and 1883. *Proc. U. S. Nat. Mus.*, vol. 7, pp. 340-349, pl. 2, figs. 1-7, (Oct. 3.)
- *532. Classification of Mollusca. [A reply to Prof. Gill's comment.] *Science*, vol. 4, No. 88, p. 351, Oct. 10.
533. The international polar stations. *Science*, vol. 4, No. 89, pp. 370-372, 1 map, Oct. 17.
534. *Review of Voyage of the Vivian to the North Pole and beyond*, by Thomas W. Knox. *The Nation*, vol. 39, No. 1008, p. 357, Oct. 23.
535. Kafirstan. [Review of Macnair's travels in this place.] *Science*, vol. 4, No. 90, pp. 404-405, Oct. 24.
536. [Caspar Johann Bismarck; speculation as to his ancestry.] *Science*, vol. 4, No. 91, p. 425, Oct. 31.
537. A Mussulman propaganda. [Review of H. Duveyrier's account of the Senousi.] *Science*, vol. 4, No. 93, pp. 457-459, Nov. 14.
538. New volume of the tenth census. [A review.] *Science*, vol. 4, No. 93, pp. 461-463, Nov. 14.
539. Late news from the north-west. *Science*, vol. 4, No. 94, pp. 474-475, Nov. 21.
- *540. [A note on finding *Zonites cellaria* Müller in Portland, Oreg., somewhat abundantly.] *Science*, vol. 4, No. 97, p. 538, Dec. 12.
541. *Review of Wild adventures round the Pole*, by Gordon Stables. *The Nation*, vol. 39, No. 1016, p. 529, Dec. 18.
542. Exploration of the Kowak River. *Science*, vol. 4, No. 98, pp. 539, 551-554, 2 figs., Dec. 19.
- *543. [Review of volume by G. Lindström on the molluscan fauna of the Silurian period in Götland.] *Science*, vol. 4, No. 98, p. 562, Dec. 19.

1885

544. What is a glacier? Bull. Philos. Soc. Washington, vol. 7, p. 38.
545. *Review of Census Reports*, vol. 8, Alaska, by Ivan Petroff. *The Nation*, vol. 40, No. 1018, pp. 18-19, Jan. 1.
546. Further notes on Bogosloff Island. *Science*, vol. 5, No. 101, pp. 32-33, Jan. 9.
- *547. *Review of Contributions to the Tertiary geology and palaeontology of the United States*, by Angelo Heilprin. *The Nation*, vol. 40, No. 1020, p. 56, Jan. 15.
548. *Review of In the Lena Delta, etc.*, by George W. Melville. *The Nation*, vol. 40, No. 1020, p. 60, Jan. 15.
549. The earthquake of January 2. *Science*, vol. 5, No. 104, p. 85, Jan. 30.
550. The Kowak River. *Science*, vol. 5, No. 104, p. 93, map (p. 92), Jan. 30.
551. Recent African exploration. *Science*, vol. 5, No. 105, pp. 114-115, Feb. 6.
552. [Note about pumice supposed to be derived from Krakatoa during the recent eruption.] *Science*, vol. 5, No. 105, p. 120, Feb. 6.
553. Recent travels in Arabia. [Notes from the account of Charles Huber's mission in Arabia.] *Science*, vol. 5, No. 106, pp. 134-135, Feb. 13.
- *554. John Gwyn Jeffreys. [Biographical note.] *Science*, vol. 5, No. 107, pp. 145-146, Feb. 20.
555. Proposed explorations in Alaska. *Science*, vol. 5, No. 107, p. 154, Feb. 20.
- *556. New or especially interesting shells of the Point Barrow expedition. *Proc. U. S. Nat. Mus.*, vol. 7, pp. 523-526, pl. 2, fig. 8. (Feb. 25.)
557. [Review of article by Lieut. Greely on his Arctic expedition.] *Science*, vol. 5, No. 108, p. 163, Feb. 27.
558. Our American letter. [Political news from Washington.] *The Statesman*, Calcutta, India, Mar. 1.
559. The Sierra Nevada of Spain: The scene of the recent earthquakes. *Science*, vol. 5, No. 109, pp. 195-196, Mar. 6.
560. [A note from Rev. Mr. Doane from Ponape, Caroline Islands, in which he speaks of large quantities of pumice-drift from Krakatoa arriving at the islands.] *Science*, vol. 5, No. 109, p. 204, Mar. 6.
561. Nadaillac's "Prehistoric America." [An answer to criticism in a review of Nadaillac's Prehistoric America.] *Science*, vol. 5, No. 110, p. 208, Mar. 13.
562. Geographical news. *Science*, vol. 5, No. 110, pp. 216-217, Mar. 13.
- *563. [A note from a bulletin of the Geological Society of France, by Oehlert, giving the result of a study of certain types of Devonian brachiopods.] *Science*, vol. 5, No. 110, p. 224, Mar. 13.
- *564. The oyster fishery in Connecticut. [Review of the fourth annual report of the shell-fish commissioners of Connecticut.] *Science*, vol. 5, No. 111, p. 234, Mar. 20.
- *565. Iron in the mounds. [Letter on iron in the mounds around Circleville (Ohio) and archaeological conchology.] *The Nation*, vol. 40, No. 1030, p. 258, Mar. 26.
566. [A note about the island of Formosa, from S. Wells Williams' work on China.] *Science*, vol. 5, No. 112, p. 261-262, Mar. 27.

567. [Abstract of notes furnished by Capt. L. U. Herendeen on prehistoric structures on Ponapé Island.] *Science*, vol. 5, No. 113, p. 284, Apr. 3.
568. *Review of The rescue of Greely*, by Comm. W. S. Schley and Prof. J. S. Soley. *The Nation*, vol. 40, No. 1032, pp. 308-309, Apr. 9.
- *569. The United States at the Fisheries Exhibition. [Review of report on the United States exhibit of fisheries and fish-culture at the London Fisheries Exhibition, 1883.] *Science*, vol. 5, No. 118, p. 386, May 8.
570. [A note about the revolt in Morocco against the Turkish power.] *Science*, vol. 5, No. 118, p. 390, May 8.
571. [A note relating to the coming expedition into Africa by Serpa-Pinto.] *Science*, vol. 5, No. 118, p. 390, May 8.
572. [A proposed expedition by J. de Brettes and P. Lacabanne-Courrège from Corrientes to Candelaria crossing the Grand Chaco at its greatest breadth.] *Science*, vol. 5, No. 118, p. 392, May 8.
- *573. A monograph of British fossil Brachiopoda. [Review of monograph by Thomas Davidson.] *Science*, vol. 5, No. 119, pp. 409-410, May 15.
574. [Establishment of a geographical society at Rio de Janeiro.] *Science*, vol. 5, No. 119, p. 410, May 15.
575. [Proposed scientific exploration of Greenland.] *Science*, vol. 5, No. 119, p. 410, May 15.
576. [A note on the travels of Rabot in Russian Lapland.] *Science*, vol. 5, No. 119, p. 410-411, May 15.
577. [Explorations in New Guinea by Van Braam Morris.] *Science*, vol. 5, No. 119, p. 411, May 15.
578. Geographical notes. *Science*, vol. 5, No. 120, pp. 422-423, May 22.
579. Nordenskiöld's Arctic investigations. *Science*, vol. 5, No. 120, pp. 430-432, May 22.
580. *Review of Jellyfish, starfish, and sea-urchins*, by G. J. Romanes. *The Nation*, vol. 40, No. 1039, p. 449, May 28.
581. [The French Academy of Inscriptions and Belles-lettres offers the Bordin prize in 1887 for the best treatment of the subject, "A critical examination of the geography of Strabo."] *Science*, vol. 5, No. 121, p. 450, May 29.
582. *Review of Under the rays of the Aurora Borealis, in the land of the Lapps and Kvaens*, by Sophus Tromholt. *The Nation*, vol. 40, No. 1041, p. 488, June 11.
583. [Discusses a new map of China by Matusoffski and Nikitine.] *Science*, vol. 5, No. 124, p. 509, June 19.
584. [Review of *Annuaire de Turkestan for 1885*.] *Science*, vol. 5, No. 124, p. 509, June 19.
585. [Note on geographic publications by Hermann Roskoschny.] *Science*, vol. 5, No. 124, pp. 509-510, June 19.
586. [Abstract of a letter received from the Bishop of central Oceanica giving the details of the honors rendered by the civil and religious authorities to the relics of the companions of La Perouse.] *Science*, vol. 5, No. 124, p. 510, June 19.
587. *Review of Alaska: its southern coast and the Sitkan Archipelago*, by E. Ruhamah Scidmore. *The Nation*, vol. 40, No. 1043, p. 528, June 25.
588. [A note with regard to the designing of an elevated railway for Paris by Jules Garnier.] *Science*, vol. 5, No. 125, p. 532, June 26.

589. [Abstract of a memoir of the Siberian section of the Russian Geographical Society containing a description of Lake Balkhash, by Fischer.] *Science*, vol. 5, No. 125, p. 532, June 26.
- *590. Memorandum on the mounds of Satsuma and Enterprise, Florida. *Amer. Journ. Archaeol.*, vol. 1, No. 2, pp. 184-189, July.
591. Works of the *Challenger* expedition.—I. General and physical. [Review of Report on the scientific results of the voyage of H.M.S. *Challenger* (etc.). Vol. 1, Narrative. 1885.] *Science*, vol. 6, No. 126, pp. 15-16, July 3.
592. *Review of Standard Natural History*, edited by J. S. Kingsley. *The Nation*, vol. 41, No. 1045, p. 33, July 9.
593. [Review of a bulletin issued by the Florentine section of the Italian African Society.] *Science*, vol. 6, No. 128, p. 50, July 17.
594. [A note on the presentation to the Russian representative, of the gold Vega medal recently awarded by the Geographical Society of Stockholm to Prjevalski.] *Science*, vol. 6, No. 128, p. 50, July 17.
595. Work of the *Challenger* expedition.—II. From a zoological stand-point. [Review of Report on the scientific results of the voyage of H.M.S. *Challenger* (etc.)] *Science*, vol. 6, No. 128, pp. 54-56, July 17.
596. Geographical notes. *Science*, vol. 6, No. 129, p. 71, July 24.
- *597. Notes on some Floridian land and fresh-water shells with a revision of the Auriculacea of the eastern United States. *Proc. U. S. Nat. Mus.*, vol. 8, pp. 255-289, pls. 17-18. (Pp. 255-288 published July 24; p. 289 published Aug. 27; pls. 17-18 published Sept. 25.)
598. Miocene deposits in Florida. *Science*, vol. 6, No. 130, p. 82, July 31.
599. Late news from Alaska. *Science*, vol. 6, No. 130, pp. 95-96, July 31.
600. [A note about the vessel *Alert* in Hudson Bay.] *Science*, vol. 6, No. 130, p. 98, July 31.
601. *Review of A naturalist's wanderings in the eastern archipelago: A narrative of travel and exploration from 1878 to 1883*, by Henry O. Forbes. *The Nation*, vol. 41, No. 1049, pp. 120-121, Aug. 6.
602. Reform in geographical orthography. *Science*, vol. 6, No. 131, p. 110, Aug. 7.
- *603. List of marine Mollusca comprising the Quaternary fossils and recent forms from American localities between Cape Hatteras and Cape Roque, including the Bermudas. *Bull. U. S. Geol. Surv.* No. 24, pp. 1-336, Aug. 20.
604. [Notes on the publication of the proceedings at the Kongo conference.] *Science*, vol. 6, No. 133, p. 157, Aug. 21.
605. [Review of *Mittheilungen des Vereins für Erdkunde zu Halle an der Saale for 1884*.] *Science*, vol. 6, No. 133, p. 157, Aug. 21.
606. [Abstract of reports on the Argentine expeditions into Patagonia by General Villejas and Colonel Roa.] *Science*, vol. 6, No. 133, p. 157, Aug. 21.
607. [A note on the expedition of Dr. Bunge to Yakutsk.] *Science*, vol. 6, No. 133, p. 157, Aug. 21.
608. [A note on the journeys of Sibriakoff in Siberia.] *Science*, vol. 6, No. 133, p. 157, Aug. 21.
609. [A note on J. Chaffaujon's travels in Venezuela.] *Science*, vol. 6, No. 133, p. 157, Aug. 21.

610. [A note on the article by l'Abbé Pierre Bouche on the slave coast and Dahomey.] *Science*, vol. 6, No. 133, p. 157, Aug. 21.
611. The native tribes of Alaska. [Abstract of an address delivered before the section of anthropology of the American Association for the Advancement of Science at Ann Arbor, Sept. 1.] *Science*, vol. 6, No. 136, pp. 228-230, Sept. 11.
- *612. On *Turbinella pyrum* Lamarck, and its dentition. *Proc. U. S. Nat. Mus.*, vol. 8, pp. 345-348, pl. 19. (Pp. 345-348 published Sept. 17; pl. 19 published Nov. 25.)
613. [News of the whaling fleet in the Bering Sea.] *Science*, vol. 6, No. 137, pp. 259-260, Sept. 18.
614. *Review of Nimrod in the North; or, hunting and fishing adventures in the Arctic regions*, by Frederick Schwatka. *The Nation*, vol. 41, No. 1056, p. 265, Sept. 24.
615. [Data obtained by Dr. Willis Everette on the Yukon district of Alaska.] *Science*, vol. 6, No. 138, pp. 278-279, Sept. 25.
616. [Announcement of the wreck, July 31, of the bark *Montana* in the Nushagak River, Bristol Bay.] *Science*, vol. 6, No. 138, p. 279, Sept. 25.
617. [Abstract of Lieut. Purcell's account of Stoney's expedition to the Kowak, or Kuak, River of the Kotzebue Sound region.] *Science*, vol. 6, No. 138, p. 279, Sept. 25.
618. [A note on the signification of the names of some Indian mountains of great height.] *Science*, vol. 6, No. 138, p. 280, Sept. 25.
619. *Review of The Hazen court-martial: The responsibility for the disaster to the Lady Franklin Bay polar expedition definitely established, with proposed reforms in the law and practice of courts-martial*, by T. J. Mackey. *The Nation*, vol. 41, No. 1058, p. 308, Oct. 8.
620. *Review of Two years in the jungle*, by W. T. Hornaday. *The Nation*, vol. 41, No. 1058, p. 308, Oct. 8.
621. West African islands. [Review of West African islands, by Maj. A. B. Ellis.] *Science*, vol. 6, No. 140, pp. 306-307, Oct. 9.
622. Geographical notes. *Science*, vol. 6, No. 140, pp. 311-312, Oct. 9.
- *623. Comments, in *Notes on the mollusks of the vicinity of San Diego, Cal., and Todos Santos Bay, Lower California*, by Charles R. Orcutt. *Proc. U. S. Nat. Mus.*, vol. 8, pp. 534-552, pl. 24. (Pp. 534-544 published Oct. 10; pl. 24 published Oct. 21; pp. 545-552 published Oct. 26.)
624. *Review of The world's lumber-room: A gossip about some of its contents*, by Selina Gaye. *The Nation*, vol. 41, No. 1060, p. 348, Oct. 22.
625. [Discussion on the subject of Arctic exploration at the meeting of the Naval Institute at Annapolis Oct. 9.] *Science*, vol. 6, No. 142, p. 349, Oct. 23.
626. [Review of an article by M. Bardoux on the need of more and better geographical teaching, appearing in the *Revue de Géographie*.] *Science*, vol. 6, No. 142, pp. 349-350, Oct. 23.
627. The *Alert* expedition. *Science*, vol. 6, No. 142, pp. 350-351, Oct. 23.
628. [A note about Chaffaujon's journey to the upper Orinoco and Cauca Rivers.] *Science*, vol. 6, No. 142, p. 356, Oct. 23.
629. [Cruise of the U. S. revenue cutter *Corwin* in Alaskan waters.] *Science*, vol. 6, No. 142, p. 357, Oct. 23.

630. [Review of Thoroddson's account of his explorations in Iceland in 1884, appearing in *Globus*.] *Science*, vol. 6, No. 142, p. 357, Oct. 23.
631. [Notes from Alaska.] *Science*, vol. 6, No. 142, pp. 357-358, Oct. 23.
632. Geographical notes. [Explorations in Alaska.] *Science*, vol. 6, No. 143, pp. 380-381, Oct. 30.
633. [Review of the history of the house of Justus Perthes, at its centennial.] *Science*, vol. 6, No. 144, p. 398, Nov. 6.
634. Admiral Baron Ferdinand von Wrangell. [Review of Ferdinand von Wrangel und seine Reise längs der Nordküste von Sibirien und auf dem Eismeere, by Lisa von Engelhardt.] *Science*, vol. 6, No. 144, pp. 417-418, Nov. 6.
635. A search for the gigantic bird of Madagascar. [A review of Grandidier's report to the Academy of Sciences of France.] *Science*, vol. 6, No. 144, p. 418, Nov. 6.
- *636. [A note on the finding of *Helix cantiana* Montagu at Quebec.] *Science*, vol. 6, No. 144, p. 418, Nov. 6.
637. Children's books. [Reviews.] *The Nation*, vol. 41, No. 1063, p. 407, Nov. 12.
638. Cruise of the *Corwin*. [Review of Report of the cruise of the U. S. revenue steamer *Thomas Corwin*, in the Arctic Ocean, 1881, by Capt. C. L. Hooper, U.S.R.M. 1884.] *Science*, vol. 6, No. 145, pp. 425-426, Nov. 13.
639. [Note of the wrecking of a Hudson Bay Company vessel in Hudson Bay.] *Science*, vol. 6, No. 145, p. 426, Nov. 13.
640. [The whaling and fishing fleets in Alaskan waters.] *Science*, vol. 6, No. 145, p. 426, Nov. 13.
641. [Discussion of the boundary between the territory of the Argentine Confederation and Brazil.] *Science*, vol. 6, No. 145, pp. 426-427, Nov. 13.
642. [Abstract of Governor Swineford's report on Alaska.] *Science*, vol. 6, No. 145, p. 427, Nov. 13.
- *643. The arms of the octopus, or devil fish. *Science*, vol. 6, No. 145, p. 432, Nov. 13.
- *644. Thomas Bland. [A biographical sketch.] *Science*, vol. 6, No. 145, p. 440, Nov. 13.
645. Report of the Point Barrow Station. [Review of Report of the International Polar Expedition to Point Barrow, Alaska, 1885.] *Science*, vol. 6, No. 146, pp. 446-447, Nov. 20.
646. [Review of the hydrographic observations made on the expedition of 1883 to Greenland seas.] *Science*, vol. 6, No. 146, p. 448, Nov. 20.
647. [Notes on two expeditions to Greenland.] *Science*, vol. 6, No. 146, p. 448, Nov. 20.
648. [Note on Island, Land und Leute, Geschichte, Litteratur und Sprache, by Dr. Ph. Schweitzer.] *Science*, vol. 6, No. 146, p. 448, Nov. 20.
649. [Note on the publication of an atlas of Russia prepared by J. Poddubnyi.] *Science*, vol. 6, No. 146, p. 448, Nov. 20.
650. [Miscellaneous notes relating to Alaska.] *Science*, vol. 6, No. 146, p. 448, Nov. 20.
651. [Review of Polar regions, by Clements R. Markham, in the *Encyclopaedia Britannica*.] *Science*, vol. 6, No. 147, pp. 463-464, Nov. 27.

652. The native tribes of Alaska. *Pop. Sci. Month.*, vol. 28, No. 2, p. 286, December.
653. *Review of Farthest north; or, the life and explorations of Lieutenant James Booth Lockwood, of the Greely Arctic expedition, by Charles Lanaman.* *The Nation*, vol. 41, No. 1066, p. 472, Dec. 3.
654. [Studies of the voyage of Hanno, the Carthaginian.] *Science*, vol. 6, No. 148, pp. 488-489, Dec. 4.
655. [A note on the central African journey of Messrs. Capello and Ivens.] *Science*, vol. 6, No. 148, p. 489, Dec. 4.
656. [Review of Paulitschke's studies of the tribes of the Gallas, near the Gulf of Aden, appearing in the Proceedings of the Geographical Society of Vienna for September.] *Science*, vol. 6, No. 148, p. 489, Dec. 4.
657. [Review of an article in the Bulletin of the Italian Geographical Society for September containing extracts from the unpublished journals of Pellegrino Matteucci, the African traveler.] *Science*, vol. 6, No. 148, p. 489, Dec. 4.
658. [Review of third part of the *Isvestia* of the Russian Geographical Society.] *Science*, vol. 6, No. 148, p. 489, Dec. 4.
659. Heights of mountains in Lapland. *Science*, vol. 6, No. 149, p. 515, Dec. 11.
660. Northern Norway and Finland. [Observations made by Charles Rabot.] *Science*, vol. 6, No. 149, p. 515, Dec. 11.
661. Connecting the Volga and the Don. *Science*, vol. 6, No. 149, pp. 515-516, Dec. 11.
662. A ruined city found in Asia Minor. *Science*, vol. 6, No. 149, p. 516, Dec. 11.
663. Monuments of Babylonian times. *Science*, vol. 6, No. 149, p. 516, Dec. 11.
664. Siberian interest in geographical exploration. *Science*, vol. 6, No. 149, p. 516, Dec. 11.
665. The trans-Siberian railway. *Science*, vol. 6, No. 149, p. 516, Dec. 11.
666. The old bed of the Oxus. *Science*, vol. 6, No. 149, p. 516, Dec. 11.
667. Explorations in central Asia. *Science*, vol. 6, No. 151, pp. 554-555, Dec. 25.
668. Return of Lieutenant Allen. *Science*, vol. 6, No. 151, p. 555, Dec. 25.
669. Cameroons district, West Africa. *Science*, vol. 6, No. 151, p. 555, Dec. 25.
670. Trade-routes between Bolivia and the Argentine Republic. *Science*, vol. 6, No. 151, p. 555, Dec. 25.
671. Colonization in the Argentine Republic. *Science*, vol. 6, No. 151, p. 555, Dec. 25.
672. An island lost, and another found. *Science*, vol. 6, No. 151, p. 556, Dec. 25.
673. The National Government and science. *The Evening Post*, New York, p. 2, Dec. 31.

1886

- *674. The teeth of invertebrates. *Amer. Syst. Dentistry*, vol. 1, pp. 337-350, figs. 159-186.

- *675. Report on the department of mollusks in the U. S. National Museum, 1885. Rep. U. S. Nat. Mus. for 1885, pp. 103-111.
676. The native tribes of Alaska. Proc. Amer. Assoc. Adv. Sci., vol. 34, pp. 363-379.
677. [The U.S.S. *Rush* sails for the Aleutian Islands in the hope of rescuing the crew of the *Amethyst*.] Science, vol. 7, No. 154, p. 46, Jan. 15.
678. Late news from Alaska. Science, vol. 7, No. 154, p. 48, Jan. 15.
679. The Sakeis of Malay Peninsula. Science, vol. 7, No. 154, p. 48, Jan. 15.
680. The Malpais in Michoacan, Mexico. Science, vol. 7, No. 154, p. 49, Jan. 15.
681. Return of Aubry [from his travels in Shoa, Galla- and Somali-land]. Science, vol. 7, No. 154, p. 49, Jan. 15.
- *682. Shell-fish in Connecticut. [Review of Fifth report of the shell-fish commissioners of the State of Connecticut, 1885.] Science, vol. 7, No. 154, pp. 59-60, Jan. 15.
683. Color-sense of the Fijians. Science, vol. 7, No. 155, p. 72, Jan. 22.
684. Some local dialects. [Review of an article by Pinart on the Aino dialect on the Kurile Islands; also a note on the dialect used by the Tepehuas in the Sierra Tutotepec, Mexico.] Science, vol. 7, No. 155, p. 72, Jan. 22.
685. Slavery in Madagascar. Science, vol. 7, No. 155, pp. 72-73, Jan. 22.
686. Explorations in Alaska by the brothers Krause. [A review.] Science, vol. 7, No. 156, pp. 95-96, Jan. 29.
687. A mythical Danish island. Science, vol. 7, No. 156, p. 96, Jan. 29.
688. A study of the Danube. Science, vol. 7, No. 156, p. 96, Jan. 29.
689. The condition of Borneo. Science, vol. 7, No. 156, p. 96, Jan. 29.
690. South American investigations. Science, vol. 7, No. 156, p. 96, Jan. 29.
691. Travels in Laos. Science, vol. 7, No. 156, pp. 96-97, Jan. 29.
692. Explorations in Perak. Science, vol. 7, No. 156, pp. 97-98, Jan. 29.
693. *Review of First year of scientific knowledge*, by Paul Bert. The Nation, vol. 42, No. 1075, p. 113, Feb. 4.
694. *Review of The works of Hubert Howe Bancroft. History of Alaska, 1730-1885*, vol. 33. The Nation, vol. 42, No. 1076, pp. 134-135, Feb. 11.
695. Missionary maps. Science, vol. 7, No. 159, p. 160, Feb. 19.
696. A newly discovered affluent of the Kongo. Science, vol. 7, No. 159, p. 160, Feb. 19.
697. Explorations in central South America. Science, vol. 7, No. 159, p. 160, Feb. 19.
698. Restoration of Lake Moeris. Science, vol. 7, No. 159, pp. 160-161, Feb. 19.
699. Ancient Arabic inscription in the Sahara. Science, vol. 7, No. 159, p. 161, Feb. 19.
700. East Greenland Eskimo. Science, vol. 7, No. 159, pp. 172-173, Feb. 19.
701. Russian Lapland. Science, vol. 7, No. 162, pp. 233-234, Mar. 12.
702. The precursors of Columbus. [A review.] Science, vol. 7, No. 162, p. 234, Mar. 12.
703. Poliakov's "Journey in Sakhalin." [A review.] Science, vol. 7, No. 162, p. 234, Mar. 12.
704. Pilcamayo expedition to Bolivia. Science, vol. 7, No. 162, p. 234, Mar. 12.

- *705. [Review of recent *Challenger* reports. Vol. 13, Lamellibranchiata, by Edgar A. Smith.] *Science*, vol. 7, No. 161, p. 250, Mar. 12.
706. The railway to central Asia. *Science*, vol. 7, No. 164, pp. 277-278, Mar. 26.
707. [Note about a geological map of Russian Turkestan published by Messrs. Romanoffski and Mushketoff.] *Science*, vol. 7, No. 164, p. 284, Mar. 26.
708. Bancroft's History of Alaska. [Review of History of Alaska, 1730-1885, by Hubert Howe Bancroft.] *Science*, vol. 7, No. 164, p. 292, Mar. 26.
709. A trade-route between Bolivia and the Argentine Republic. *Science*, vol. 7, No. 165, pp. 299-300, Apr. 2.
710. Uape Indians of the Amazon. *Science*, vol. 7, No. 165, pp. 301-302, Apr. 2.
711. The newly discovered affluent of the Kongo. *Science*, vol. 7, No. 165, p. 302, Apr. 2.
712. Schwatka's Along Alaska's great river. [A criticism of the reviewer of Schwatka's work on the Yukon.] *Science*, vol. 7, No. 165, p. 308, Apr. 2.
713. Dutch statistics of population. [Review of Kuyper's discussion of the population-statistics of the Netherlands.] *Science*, vol. 7, No. 168, p. 367, Apr. 23.
714. Search for mammoths in the Lena Delta. [A note on Dr. Bunge's search.] *Science*, vol. 7, No. 168, p. 367, Apr. 23.
715. Medals of Paris Geographical Society. *Science*, vol. 7, No. 168, pp. 367-368, Apr. 23.
716. A new oil. [A notice of a new oil derived from a species of bamboo.] *Science*, vol. 7, No. 168, p. 368, Apr. 23.
717. Ethnographic map of Asia [to be issued by Von Haardt]. *Science*, vol. 7, No. 168, p. 368, Apr. 23.
718. Siberian trade-routes. *Science*, vol. 7, No. 170, pp. 408-409, May 7.
719. Partition of Patagonia. *Science*, vol. 7, No. 170, p. 409, May 7.
720. Miscellaneous. [Items on Africa, South America, and Danish Greenland.] *Science*, vol. 7, No. 170, p. 409, May 7.
721. [A note on the off-shore seal-fishery of Newfoundland.] *Science*, vol. 7, No. 170, p. 413, May 7.
- *722. *Neaera*. *Nature*, vol. 34, No. 6, p. 122, June 10.
723. Distribution of colors in the animal kingdom. *Science*, vol. 7, No. 177, p. 572, June 25.
724. The Kongo. *Science*, vol. 8, No. 179, pp. 26-27, July 9.
725. Trade-route to Bolivia. *Science*, vol. 8, No. 179, p. 27, July 9.
726. Lake Moeris. *Science*, vol. 8, No. 179, p. 27, July 9.
727. The spring in Alaska. *Science*, vol. 8, No. 179, p. 27, July 9.
728. A country little known. One who has been there tells of Alaska and its treasures, its climate, and its people. Senator Jones's profitable gold mine. [An interview given a representative of *The Express*.] *The Buffalo Express*, Aug. 29, p. 5.

- *729. [Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico (1877-78) and in the Caribbean Sea (1879-80), by the U. S. Coast Survey steamer "Blake," Lieut.-Commander C. D. Sigsbee, U.S.N. and Commander J. R. Bartlett, U.S.N., commanding.] XXIX. Report on the Mollusca.—Part 1. Brachiopoda and Pelecypoda. Bull. Mus. Comp. Zool., vol. 12, No. 6, pp. 171-318, pls. 1-19, September.
730. Jones River. How it was laid down on Dall's map of the Alaskan coast—what Russian maps show—the right of Schwatka to name it. The Weekly Bulletin, San Francisco, Oct. 20.
- *731. Report on the mollusks collected by L. M. Turner at Ungava Bay, North Labrador, and from the adjacent Arctic Seas. Proc. U. S. Nat. Mus., vol. 9, pp. 202-208, pl. 3, figs. 1-3. (Oct. 22.)
- *732. Reports on Bering Island Mollusca collected by Mr. Nicholas Grebnitzki. Proc. U. S. Nat. Mus., vol. 9, pp. 209-219, (Oct. 22.)
733. *Review of Our new Alaska*; or the Seward purchase vindicated, by Charles Hallock. The Nation, vol. 43, No. 1113, p. 360, Oct. 28.
734. *Challenger* reports. [Review of Report of the scientific results of the voyage of the *Challenger* during 1873-76. Vol. 14, Zoology. 1886.] Science, vol. 8, No. 195, pp. 399-400, Oct. 29.
735. Alleged early Chinese voyages to America. Science, vol. 8, No. 196, pp. 402-403, Nov. 5.
- *736. Recent paleontological publications. [Reviews of Revision of the Palaeocrinoidea, pt. 3, by C. Wachsmuth and F. Springer; Geological survey of Alabama, pts. 1 and 2, by T. H. Aldrich and O. Meyer; and Brachiopoda and Lamellibranchiata of the Raritan clays and green-sand marls of New Jersey, by R. P. Whitfield.] Science, vol. 8, No. 196, pp. 421-422, Nov. 5.
737. *Review of The ivory king*, a popular history of the elephant and its allies, by Charles Frederick Holder. The Nation, vol. 43, No. 1115, pp. 399-400, Nov. 11.
738. The religion of the Uapé. [Review of account by Henri Coudreau.] Science, vol. 8, No. 197, pp. 437-438, Nov. 12.
739. The people on the Kongo. [Review of an article by Walcke.] Science, vol. 8, No. 197, pp. 441-442, Nov. 12.
740. Apropos of horseshoe crabs. The Nation, vol. 43, No. 1117, p. 435, Nov. 25.
741. *Review of The children of the cold*, by Frederick Schwatka. (Collection of articles contributed by Mr. Schwatka to St. Nicholas.) The Nation, vol. 43, No. 1117, p. 441, Nov. 25.
742. Elliott's Alaska and the Seal Islands. [Review of Our Arctic province Alaska and the Seal Islands, by Henry W. Elliott.] Science, vol. 8, No. 200, p. 523, Dec. 3.
- *743. *Challenger* reports. [Review of Report of the scientific results of the voyage of the *Challenger* during 1873-76. Vol. 15, Zoology. 1886.] Science, vol. 8, No. 200, p. 524, Dec. 3.
744. *Review of Our Arctic province Alaska and the Seal Islands*, by Henry W. Elliott. The Nation, vol. 43, No. 1120, p. 507, Dec. 16.
- *745. Isaac Lea, LL.D. [Biographical sketch, with portrait.] Science, vol. 8, No. 202, pp. 556-558, Dec. 17.

- *746. *Challenger* reports. [Review of Report of the scientific results of the exploring voyage of the *Challenger*. Vol. 16, Zoology. 1886.] *Science*, vol. 8, No. 202, pp. 572-574, Dec. 17.
747. *Review of Our Arctic province Alaska and the Seal Islands*, by Henry W. Elliott. *The Evening Post*, New York, Dec. 22, p. 3. (Same as No. 744.)
748. *Review of General summary and conclusions* [of a voyage in south Florida under the auspices of the Wagner Free Institute of Science, made by Prof. Heilprin and Mr. Joseph Willcox], by Angelo Heilprin. *The Evening Post*, New York, Dec. 23, p. 2.

1887

- *749. *The Nestor of American naturalists*. (Dr. Isaac Lea.) *Swiss Cross*, vol. 1, No. 2, pp. 43-44, February.
- *750. Supplementary notes on some species of mollusks of the Bering Sea and vicinity. *Proc. U. S. Nat. Mus.*, vol. 9, pp. 297-309, pls. 3-4. (Feb. 10.)
- *751. Note [on *Helix caelata* Studer, appended to Mazyck's *A new land shell from California*, with note on *Selenites durantii*, Newcomb, edited by Dr. Dall.] *Proc. U. S. Nat. Mus.*, vol. 9, p. 461. (Feb. 14.)
- *752. *The Tereido*. *San Francisco Chronicle*, Feb. 16, p. 5.
753. *Challenger* report. [Review of Report of the scientific results of the exploring voyage of the *Challenger*. Vol. 17, Zoology.] *Science*, vol. 9, No. 218, pp. 349-350, Apr. 8.
754. *Review of Microscopy for beginners*; or, common objects from the ponds and ditches, by Alfred C. Stokes. *The Nation*, vol. 44, No. 1138, p. 550, Apr. 21.
755. *Review of Waste-land wanderings*, by Charles C. Abbott. *The Nation*, vol. 44, No. 1144, pp. 475-476, June 2.
756. *Museums of ethnology and their classification*. *Science*, vol. 9, No. 228, p. 587, June 17.
757. *Challenger* report. [Review of Report of the scientific results of the exploring voyage of the *Challenger*. Vol. 18, Radiolaria.] *Science*, vol. 9, No. 228, pp. 596-597, June 17.
758. On the position of Mount St. Elias and the Schwatka expedition to Alaska. *Proc. Roy. Geogr. Soc.*, vol. 9, No. 7, pp. 444-445, July.
759. *Review of The story of Metlakahtla*, by Henry S. Wellcome. *The Nation*, vol. 45, No. 1149, pp. 11-12, July 7.
760. *Review of Report of the scientific results of the exploring voyage of the Challenger*. Vol. 19, Zoology. *Science*, vol. 10, No. 233, pp. 44-45, July 22.
- *761. [A letter containing notes on Antillean mollusks.] *Conchologists' Exch.*, vol. 2, No. 1, pp. 9-10, Aug. 10.
762. *Review of Shores and alps of Alaska*, by H. W. Seton Karr. *The Nation*, vol. 45, No. 1155, p. 141, Aug. 18.
763. *Review of Shores and alps of Alaska*, by H. W. Seton Karr. *The Evening Post*, New York, Aug. 18, p. 3. (Same as No. 762.)
- *764. *Notes on the geology of Florida*. *Amer. Journ. Sci. and Arts*, ser. 3, vol. 34 (vol. 134), No. 201, pp. 161-170, September.

765. *Review of Animal life in the sea and on the land*, by Sarah Cooper. The Nation, vol. 45, No. 1165, p. 339, Oct. 27.
- *766. [Description of *Pleurotoma (Mangilia?) simpsoni*] in Charles T. Simpson, Contributions to the Mollusca of Florida. Proc. Davenport Acad. Nat. Sci., vol. 5, pp. 54-55, Nov. 4.
767. *Review of Living lights. A popular account of phosphorescent animals and vegetables*, by C. F. Holder. The Nation, vol. 45, No. 1167, p. 381, Nov. 10.
768. Spencer Fullerton Baird. The Nation, vol. 45, No. 1170, pp. 433-434, Dec. 1.
769. *Review of Look-about club*, by Mary E. Bamford. The Nation, vol. 45, No. 1170, p. 443, Dec. 1.
770. *Review of My garden pets*, by Mrs. Mary Treat. The Nation, vol. 45, No. 1172, p. 484, Dec. 15.

1888

771. Professor Baird in science. [Proceedings at a meeting commemorative of the life and scientific work of Spencer Fullerton Baird held Jan. 11, 1888, under the joint auspices of the Anthropological, Biological, and Philosophical Societies of Washington.] Bull. Philos. Soc. Washington, vol. 10, pp. 61-70. Also published separately (pp. 21-30).
- *772. *Review of The geological evidences of evolution*, by Angelo Heilprin. The Nation, vol. 46, No. 1183, p. 177, Mar. 1.
773. *Review of Science sketches*, by David Starr Jordan. The Nation, vol. 46, No. 1188, p. 267, Mar. 29.
774. *Review of The story of creation: a plain account of evolution*, by Edward Clodd. The Nation, vol. 46, No. 1189, pp. 307-308, Apr. 12.
- *775. Some American conchologists. Proc. Biol. Soc. Washington, vol. 4, pp. 95-134. (May.)
776. *Review of Three kingdoms: A handbook of the Agassiz Association*, by Harlan H. Ballard. The Nation, vol. 46, No. 1194, p. 413, May 17.
- *777. Three cruises of the *Blake*. [Review of A contribution to American thalassography: Three cruises of the U. S. Coast and Geodetic Survey steamer *Blake* in the Gulf of Mexico, in the Caribbean Sea, and along the Atlantic Coast of the United States, by Alexander Agassiz.] The Nation, vol. 46, No. 1197, pp. 473-474, June 7.
778. Le Conte's Evolution and religious thought. [Review of Evolution and its relations to religious thought, by Joseph Le Conte.] The Nation, vol. 47, No. 1202, pp. 34-35, July 12.
779. *Review of My wonder story*, by Anne Kendrick Benedict. The Nation, vol. 47, No. 1204, p. 80, July 26.
780. Le Conte's Evolution and theology. [An answer to a criticism by "W.M.S." of Le Conte's Evolution and its relations to religious thought.] The Nation, vol. 47, No. 1205, p. 92, Aug. 2.
781. *Review of Little people, and their homes in meadows, woods, and waters*, by Stella Louise Hook. The Nation, vol. 47, No. 1223, p. 461, Dec. 6.

1889

782. [Letters and memoranda relating to the Alaskan boundary question.] Senate Exec. Doc. No. 146, 50th Congr., 2d Sess., pp. 2-4, 10-28.
783. Ocean currents. The ocean. Popular Cyclopaedia. Methodist Book Concern, New York.
- *784. Report of Mr. W. H. Dall, cenozoic division of invertebrate paleontology. Eighth Ann. Rep. U. S. Geol. Surv., 1886-'87, pt. 1, pp. 181-184.
- *785. A preliminary catalogue of the shell-bearing marine mollusks and brachiopods of the southeastern coast of the United States, with illustrations of many of the species. U. S. Nat. Mus. Bull. 37, pp. 1-221, pls. 1-74.
- *786. [Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico (1877-78) and in the Caribbean Sea (1879-80), by the U. S. Coast Survey steamer "Blake," (etc.).] XXIV. Report on the Mollusca.—Part II. Gastropoda and Scaphopoda. Bull. Mus. Comp. Zool., vol. 18, pp. 1-492, pls. 1-40, January-June.
- *787. [Description of *Tralia (Alexia?) minuscula* Dall] in Charles T. Simpson, Contributions to the Mollusca of Florida. Proc. Davenport. Acad. Nat. Sci., vol. 5, p. 69, Feb. 19.
788. *Review of Truth about Russia*, by W. T. Stead. The Critic, n.s., vol. 11, No. 271, p. 113, Mar. 9.
- *789. Description of a new species of *Hyalina*. Proc. U. S. Nat. Mus., vol. 11, p. 214, figs. 1-3. (Mar. 12.)
790. *Review of The cruise of the Marchesa to Kamchatka and New Guinea*, by F. H. H. Guillemard, M.D. The Nation, vol. 48, No. 1242, p. 332, Apr. 18.
- *791. Notes on the soft parts of *Trochus infundibulum* Watson with an account of a remarkable sexual modification of the epipodium, hitherto undescribed in Mollusca. Nautilus, vol. 3, No. 1, pp. 2-4, May 5.
- *792. *Paludina scalaris* Jay. Nautilus, vol. 3, No. 1, p. 8, May 5.
- *793. Notes on *Lophocardium* Fischer. Nautilus, vol. 3, No. 2, pp. 13-14, June.
794. *Review of Picturesque Alaska*; a journal of a tour among the mountains, seas, and islands of the Northwest, from San Francisco to Sitka, by Abby Johnson Woodman. The Nation, vol. 48, No. 1249, pp. 473-474, June 6.
795. *Review of The play-time naturalist*, by Dr. J. E. Taylor, F.L.S. The Nation, vol. 48, No. 1249, p. 474, June 6.
796. *Review of Up and down the brooks*, by Mary E. Bamford. The Nation, vol. 49, No. 1253, pp. 19-20, July 4.
797. *Review of Incidents of a collector's rambles*, by Sherman F. Denton. The Nation, vol. 49, No. 1253, p. 20, July 4.
798. The Behring Sea controversy. The Evening Post, New York, July 10, p. 9.
- *799. Note on two helices new to the fauna of the United States. Nautilus, vol. 3, No. 3, pp. 25-26, July 14.
- *800. On the genus *Corolla* Dall. Nautilus, vol. 3, No. 3, pp. 30-32, July 14.

801. *Review of Days out of doors*, by Charles C. Abbott. *The Nation*, vol. 49, No. 1259, p. 137, Aug. 15.
- *802. Notes on the anatomy of *Pholas (Barnea) costata* Linné, and *Zirphaea crispata* Linné. *Proc. Acad. Nat. Sci. Philadelphia*, 1889, pp. 274-276. (Oct. 22.)
803. *Review of Famous men of science*, by Mrs. Sarah K. Bolton. *The Nation*, vol. 49, No. 1270, p. 357, Oct. 31.
804. *Review of The walks abroad of two young naturalists*, by C. Beaugrand. *The Nation*, vol. 49, No. 1270, p. 357, Oct. 31.
805. *Review of The new Eldorado: A summer journey to Alaska*, by Maturin M. Ballou. *The Nation*, vol. 49, No. 1270, p. 358, Oct. 31.
806. *Review of Feathers, furs and fins*. *The Nation*, vol. 49, No. 1272, pp. 395-396, Nov. 14.
807. *Review of The Red Mountain of Alaska*, by Willis Boyd Allen. *The Nation*, vol. 49, No. 1272, p. 396, Nov. 14.
808. *Review of Hints to travellers*, edited by D. W. Freshfield and Capt. W. J. L. Wharton. *The Nation*, vol. 49, No. 1273, pp. 417-418, Nov. 21.
- *809. On the hinge of pelecypods and its development, with an attempt toward a better subdivision of the group. *Amer. Journ. Sci. and Arts*, ser. 3, vol. 38 (vol. 138), No. 228, pp. 445-462, December.
810. Bering. [Review of Vitus Bering, the discoverer of Bering Strait, by Peter Lauridsen.] *The Nation*, vol. 49, No. 1275, pp. 454-455, Dec. 5.
811. *Review of Lotus Bay, a summer on Cape Cod*, by Laura D. Nichols. *The Nation*, vol. 49, No. 1276, p. 484, Dec. 12.
812. *Review of The second year of the Lookabout Club*, by Mary E. Bamford. *The Nation*, vol. 49, No. 1277, p. 500, Dec. 19.
813. *Review of Natural history object lessons: A manual for teachers*, by George Ricks. *The Nation*, vol. 49, No. 1278, p. 526, Dec. 26.

1890

814. Professor Baird in science. *Ann. Rep. Smithsonian Inst. for 1888*, pp. 731-738. [Reprint of No. 771.]
815. The term "Agnostic." *Unitarian Rev.*, vol. 33, No. 1, pp. 46-48, January.
816. *Review of The home of a naturalist*, by the Rev. Biot Edmondston and Jessie M. E. Saxby. *The Nation*, vol. 50, No. 1280, p. 40, Jan. 9.
- *817. Note on *Crepidula glauca* Say. *Nautilus*, vol. 3, No. 9, pp. 98-99, Feb. 11.
818. *Review of A life of John Davis the navigator, 1550-1605, discoverer of Davis Straits*, by Clements R. Markham, C.B., F.R.S. *The Nation*, vol. 50, No. 1286, p. 162, Feb. 20.
819. *Review of Falling in love; with other essays on more exact branches of Science*, by Grant Allen. *The Nation*, vol. 50, No. 1287, p. 187, Feb. 27.
820. *Review of The skipper in Arctic seas*, by Walter J. Clutterbuck. *The Nation*, vol. 50, No. 1288, p. 202, Mar. 6.
- *821. [Scientific results of explorations by the U. S. Fish Commission steamer *Albatross*.] No. VII.—Preliminary report on the collection of Mollusca and Brachiopoda obtained in 1887-'88. *Proc. U. S. Nat. Mus.*, vol. 12, No. 773, pp. 219-362, pls. 5-14. (Mar. 7.)

822. *Review of Five thousand miles in a sledge: A midwinter journey across Siberia*, by Lionel F. Gowing. *The Nation*, vol. 50, No. 1290, p. 248, Mar. 20.
823. *Review of Arctic Alaska and Siberia; or, eight months with the Arctic whalemén*, by Herbert L. Aldrich. *The Nation*, vol. 50, No. 1291, pp. 261-262, Mar. 27.
- *824. On a new species of *Tylodina*. *Nautilus*, vol. 3, No. 11, pp. 121-122, April.
825. *Review of Captain Cook*, by Walter Besant. *The Nation*, vol. 50, No. 1295, pp. 440-441, Apr. 24.
826. A critical review of Bering's first expedition 1725-1730, together with a translation of his original report upon it, with map. *Nat. Geogr. Mag.*, vol. 2, No. 2, 1890, pp. 111-167, 1 map, May.
- *827. Deep sea mollusks and the conditions under which they exist. *Proc. Biol. Soc. Washington*, vol. 5, pp. 1-22. (May 2.)
- *828. On dynamic influences in evolution. *Proc. Biol. Soc. Washington*, vol. 6, pp. 1-10. (May 8.)
829. *Review of An international idiom. A manual of the Oregon trade language or Chinook jargon*, by Horatio Hale. *The Nation*, vol. 50, No. 1298, pp. 400-401, May 15.
- *830. *Review of The economic Mollusca of Acadia*, by W. F. Ganong. *The Nation*, vol. 50, No. 1300, p. 440, May 29.
- *831. Types fossiles de l'Éocène du bassin de Paris, récemment découverts en Amérique. *Bull. Soc. Zool. France*, vol. 15, Nos. 4 and 5, pp. 97-98, June.
832. *Review of Among the Selkirk glaciers*, being the account of a rough survey in the Rocky Mountain region of British Columbia, by W. S. Green. *The Nation*, vol. 50, No. 1303, p. 497, June 19.
833. *Review of Two summers in Greenland: An artist's adventures among ice and islands, in fjords and mountains*, by A. Riis Carstensen. *The Nation*, vol. 50, No. 1304, p. 517, June 26.
- *834. Description of a new species of land shell from Cuba—*Vertigo cubana*. *Proc. U. S. Nat. Mus.*, vol. 13, No. 790, pp. 1-2, figs. 1-2. (July 1.)
- *835. Contributions to the Tertiary fauna of Florida, with especial reference to the Miocene silex-beds of Tampa and the Pliocene beds of the Caloosahatchie River. Tertiary mollusks of Florida. Part I. Pulmonate, opisthobranchiate and orthodont gastropods. *Trans. Wagner Free Inst. Sci. Philadelphia*, vol. 3, (pt. 1), pp. 1-200, pls. 1-12, August.
836. Alaska's boundary. The vexed question soon to be settled. *San Francisco Chronicle*, Oct. 14, p. 7.
837. Mount St. Elias. *Science*, vol. 16, No. 406, pp. 275-276, Nov. 14.
838. Mount St. Elias. *Science*, vol. 16, No. 408, p. 303, Nov. 28.
839. *Review of Wild beasts and their ways*, by Sir Samuel W. Baker. *The Nation*, vol. 51, No. 1327, p. 447, Dec. 4.
840. *Review of From Yellowstone Park to Alaska*, by Francis C. Sessions; *From the Land of the Midnight Sun to the Volga*, by Francis C. Sessions; and *The wonders of Alaska*, by Alexander Badlam. *The Nation*, vol. 51, No. 1327, p. 448, Dec. 4.
841. *Review of Among the moths and butterflies*, by Julia P. Ballard. *The Nation*, vol. 51, No. 1328, p. 469, Dec. 11.

842. *Review of Strolls by starlight and sunshine*, by W. Hamilton Gibson. *The Nation*, vol. 51, No. 1329, p. 487, Dec. 18.
- *843. *Conchological notes from Oregon*. *Nautilus*, vol. 4, No. 8, pp. 87-89, Dec. 22.
844. *Review of A woman's trip to Alaska*, by Septima M. Collins. *The Nation*, vol. 51, No. 1330, p. 511, Dec. 25.

1891

- *845. Report on the department of mollusks in the U. S. National Museum, 1889. *Rep. U. S. Nat. Mus. for 1889*, pp. 371-375.
- *846. Report on the department of mollusks in the U. S. National Museum, 1890. *Rep. U. S. Nat. Mus. for 1890*, pp. 211-217.
847. *Review of The first crossing of Greenland*, by Fridtjof Nansen. *The Nation*, vol. 52, No. 1335, pp. 98-99, Jan. 29.
848. Magellan. [Review of Ferdinand Magellan, by F. H. H. Guillemard.] *The Nation*, vol. 52, No. 1337, pp. 140-141, Feb. 12.
849. Magellan. [Review of Ferdinand Magellan, by F. H. H. Guillemard.] *The Evening Post*, New York, Feb. 19, p. 8. (Same as No. 848.)
850. Notes on an original manuscript chart of Bering's expedition of 1725-1730, and on an original manuscript chart of his second expedition; together with a summary of a journal of the first expedition, kept by Peter Chaplin, and now first rendered into English from Bergh's Russian version. *Ann. Rep. U. S. Coast and Geod. Surv. for 1890*, App. No. 19, pp. 759-774, 2 maps, (March).
851. *Review of Sir Francis Drake*, by Julian Corbett. *The Nation*, vol. 52, No. 1347, p. 349, Apr. 23.
- *852. [Review of zoological articles contributed to the *Encyclopaedia Britannica*, by E. Ray Lankester, W. J. Sollas, A. A. W. Hubrecht, L. von Graff, A. G. Bourne, and W. A. Herdman.] *Science*, vol. 17, No. 429, p. 236, Apr. 24.
- *853. [Co-author with H. A. Pilsbry of] On some recent Japanese Brachiopoda, with a description of a species believed to be new. *Proc. Acad. Nat. Sci. Philadelphia*, 1891, pp. 165-171, pl. 4. (Apr. 28.)
- *854. Notes on some recent Brachiopods. *Proc. Acad. Nat. Sci. Philadelphia*, 1891, pp. 172-175, pl. 4. (Apr. 28.)
- *855. Zoological articles. [Review of zoological articles contributed to the *Encyclopaedia Britannica*, by E. Ray Lankester and others.] *Public Opinion*, vol. 11, No. 4, p. 89, May 2.
856. Prof. Hilgard. *The Evening Post*, New York, May 8, p. 7.
857. Prof. Hilgard. *The Nation*, vol. 52, No. 1350, pp. 398-399, May 14. (Same as No. 856.)
858. *Review of Primitive folk: Studies in comparative ethnology*, by Élie Reclus. *The Nation*, vol. 52, No. 1350, pp. 410-411, May 14.
- *859. Description of a new species of *Hyalina*. *Nautilus*, vol. 5, No. 1, pp. 10-11, fig., May 19. (Reprint of No. 789.)
- *860. *Review of Charles Darwin, his life and work*, by Charles Frederick Holder. *The Nation*, vol. 52, No. 1351, p. 429, May 21.
- *861. Elevation of America in the Tertiary periods. *Geol. Mag.*, n.s., decade 3, vol. 8, No. 6, pp. 287-288, June.

- *862. [Co-author with H. A. Pilsbry of] *Terebratulina (unguicula* Cpr. var.?) *kiiensis*, Dall and Pilsbry. *Nautilus*, vol. 5, No. 2, pp. 18-19, pl. 1, June 17.
- *863. On a new subgenus of *Meretrix*, with descriptions of two new species from Brazil. *Nautilus*, vol. 5, No. 3, pp. 26-29, 2 figs., July 10.
- *864. *Review of The oyster: A popular summary of a scientific study*, by W. K. Brooks. *The Nation*, vol. 53, No. 1359, p. 57, July 16.
- *865. On some new or interesting West American shells obtained from the dredgings of the U. S. Fish Commission steamer *Albatross* in 1888, and from other sources. *Proc. U. S. Nat. Mus.*, vol. 14, No. 849, pp. 173-191, pls. 5-7, July 24.
- *866. *Apropos des Pleurotomaria des Musées Américains*. *Bull. Sci. France et Belgique*, vol. 23, pt. 2, pp. 488-489, Aug. 18.
- *867. On some marine mollusks from the southern coast of Brazil. *Nautilus*, vol. 5, No. 4, pp. 42-44, Aug. 19.
868. *Review of Sir John Franklin and the Northwest Passage*, by Capt. Albert Hastings Markham, R.N., A.D.C. *The Nation*, vol. 53, No. 1367, p. 202, Sept. 10.
869. The gift to the Smithsonian. Thomas G. Hodgkin's present accepted—a hint of more to follow. *The Evening Post*, New York, Oct. 26, p. 5.
870. Fate of the fur seal. *Forest and Stream*, vol. 37, No. 16, p. 307, Nov. 5; No. 19, p. 368, Nov. 26.

1892

871. Emil Bessels. [Obituary notice.] *Bull. Philos. Soc. Washington*, vol. 11, pp. 465-466.
- *872. Report on the department of mollusks (including Cenozoic fossils) in the U. S. National Museum, 1891. *Rep. U. S. Nat. Mus. for 1891*, pp. 225-229.
- *873. [Co-author with Gilbert D. Harris of] *Correlation papers*. *Neocene*. *Bull. U. S. Geol. Surv.* No. 84, pp. 5-349, pls. 1-4, figs. 1-43.
- *874. Instructions for collecting mollusks, and other useful hints for the conchologist. *Bull. U. S. Nat. Mus.* No. 39, pt. G, pp. 1-56.
- *875. On some types new to the fauna of the Galapagos Islands. *Nautilus*, vol. 5, No. 9, pp. 97-99, Jan. 14.
- *876. On the species of *Donax* of eastern North America. *Nautilus*, vol. 5, No. 11, pp. 125-127, Mar. 25.
- *877. *Contribution à la faune malacologique terrestre des Iles Galapagos*. *Journ. de Conch.*, vol. 39, No. 4, pp. 314-316, Mar. 26.
- *878. On an undescribed *Cytherea* from the Gulf of Mexico. *Nautilus*, vol. 5, No. 12, pp. 134-135, April.
879. *Review of From palm to glacier*, by Alice Wellington Rollins. *The Nation*, vol. 55, No. 1411, p. 35, July 14.
- *880. [A description of two new species, in *An annotated list of the shells of San Pedro Bay and vicinity*, by Mrs. M. Burton Williamson.] *Proc. U. S. Nat. Mus.*, vol. 15, No. 898, pp. 202, 213-214, pl. 20, fig. 4, and pl. 21, figs. 2 and 3, Aug. 2.
881. *Review of Lessons in elementary biology*, by T. Jeffrey Parker. *Science*, vol. 20, No. 496, p. 81, Aug. 5.

882. *Review of The Apodidae*. A morphological study, by H. M. Bernard. *Science*, vol. 20, No. 496, p. 81, Aug. 5.
883. The rules are impracticable. [A criticism of the new police regulations as to the collection of garbage.] *The Evening Star*, Washington, D. C., Aug. 9, p. 6.
884. *Review of Essays upon heredity and kindred biological problems*, by August Weismann. Authorized translation by Messrs. Poulton, Schönland, and Shipley. *Science*, vol. 20, No. 498, p. 109, Aug. 19.
- *885. Note on *Cytherea convexa* Say. *Nautilus*, vol. 6, No. 5, pp. 52-53, September.
- *886. Grand-Gulf formation. *Science*, vol. 20, No. 502, pp. 164-165, Sept. 16.
- *887. Gould's "North Pacific Exploring Expedition" types. *Nautilus*, vol. 6, No. 7, p. 84, November.
888. *Review of Along the Florida reef*, by Charles F. Holder. *The Nation*, vol. 55, No. 1428, p. 356, Nov. 10.
- *889. Contributions to the Tertiary fauna of Florida, with especial reference to the Miocene silex-beds of Tampa and the Pliocene beds of the Caloosahatchie River. Tertiary mollusks of Florida. Part II. Streptodont and other gastropods, concluded. *Trans. Wagner Free Inst. Sci. Philadelphia*, vol. 3, pt. 2, pp. 201-473, map, pls. 13-22, December.
- *890. Grand-Gulf formation. *Science*, vol. 20, No. 513, p. 319, Dec. 2.
891. *Review of Recent rambles; or, in touch with nature*, by C. C. Abbott, M.D. *The Nation*, vol. 55, No. 1432, p. 439, Dec. 8.
892. *Review of In Arctic seas: the voyage of the Kite with the Peary expedition*, by Robert N. Keely. *The Nation*, vol. 55, No. 1435, p. 502, Dec. 29.

1893

- *893. Deep-sea explorations. *Johnson's Universal Cyclopædia*, vol. 2, pp. 701-702.
- *894. [Introduction to] Re-publication of Conrad's *Fossils of the Medial Tertiary of the United States*. Pp. i-xviii + 1-136, pls. 1-49. *Wagner Free Inst. Sci. Philadelphia*.
- *895. Determination of the dates of publication of Conrad's "Fossils of the tertiary formation," and "Medial Tertiary." *Bull. Philos. Soc. Washington*, vol. 12, pp. 215-239, Jan. 11.
- *896. Additional shells from the coast of southern Brazil. *Nautilus*, vol. 6, No. 10, pp. 109-112, Feb. 10.
897. *Review of The Arctic problem and narrative of the Peary Relief Expedition of the Academy of Natural Sciences of Philadelphia*, by Angelo Heilprin. *The Nation*, vol. 56, No. 1459, p. 444, June 15.
898. *Review of Appleton's guide-book to Alaska and the northwest coast*, by Eliza Ruhamah Scidmore. *The Nation*, vol. 56, No. 1461, p. 477, June 29.
- *899. *Bulimulus proteus* Broderip and its distribution. *Nautilus*, vol. 7, No. 3, pp. 26-27, July.
- *900. On a new species of *Yoldia* from California. *Nautilus*, vol. 7, No. 3, pp. 29-30, July.

901. [An article on ghostly manifestations at Fort Yukon.] *The Nation*, vol. 57, No. 1468, p. 121, Aug. 17.
- *902. Preliminary notice of new species of land-shells from the Galapagos Islands, collected by Dr. G. Baur. *Nautilus*, vol. 7, No. 5, pp. 52-56, Sept. 3.
- *903. The phylogeny of the *Docoglossa*. *Proc. Acad. Nat. Sci. Philadelphia*, 1893, pp. 285-287. (Sept. 12.)
904. The Columbian Exposition—VII. *Science*. *The Nation*, vol. 57, No. 1472, pp. 186-187, Sept. 14.
905. The Columbian Exposition—VIII. Botany-Mineralogy-Geology. *The Nation*, vol. 57, No. 1473, pp. 208-209, Sept. 21.
906. The Columbian Exposition—IX. Anthropology. *The Nation*, vol. 57, No. 1474, pp. 224-226, Sept. 28.
- *907. A subtropical Miocene fauna in Arctic Siberia. *Proc. U. S. Nat. Mus.*, vol. 16, No. 946, pp. 471-478, pl. 56, Sept. 30.
908. The walrus at the fair. [A reply to a letter.] *The Nation*, vol. 57, No. 1475, p. 247, Oct. 5.
909. Anthropology at the Columbian Exposition. *The Academy* (a weekly review of literature, science, and art), vol. 44, No. 1120, pp. 346-347, Oct. 21.
- *910. Land shells of the genus *Bulimulus* in Lower California, with descriptions of several new species. *Proc. U. S. Nat. Mus.*, vol. 16, No. 958, pp. 639-647, pls. 71-72, Nov. 23.
- *911. Haeckel's planktonic studies. *Nautilus*, vol. 7, No. 8, pp. 86-87, Dec. 13.
912. *Review of My Arctic journal; a year among ice-fields and Eskimos*, by Josephine Diebitsch Peary. With an account of the great white journey across Greenland, by Robert E. Peary. *The Nation*, vol. 57, No. 1487, pp. 491-492, Dec. 28.

1894

913. *Review of The industries of animals*, by Frédéric Houssay; *Romance of the insect world*, by L. N. Badenoch; *Letters to Marco*, by George D. Leslie; *The outdoor world, or young collector's handbook*, by W. Furneaux; and *Our household insects; an account of the insect pests found in dwelling-houses*, by Edward A. Butler. *The Nation*, vol. 58, No. 1490, p. 56, Jan. 18.
- *914. [Co-author with Joseph Stanley-Brown of] *Cenozoic geology along the Apalachicola River*. *Bull. Geol. Soc. Amer.*, vol. 5, pp. 147-170, pl. 3. (Feb. 5.)
- *915. On the species of *Mactra* from California. *Nautilus*, vol. 7, No. 12, pp. 136-138, pl. 5, Apr. 2.
- *916. On some species of *Mulinia* from the Pacific Coast. *Nautilus*, vol. 8, No. 1, pp. 5-6, pl. 1, May 2.
917. *Review of Alaskan grammar and vocabulary*, by Augustus Schultze. *The Nation*, vol. 58, No. 1512, pp. 474-476, June 21.
918. *Review of The voyages of Capt. Luke Foxe of Hull and Capt. Thomas James of Bristol in search of a northwest passage, in 1631-2*, edited by Miller Christy. *The Nation*, vol. 59, No. 1514, pp. 16-17, July 5.

- *919. Synopsis of the Mactridae of North America. *Nautilus*, vol. 8, No. 3, pp. 25-28, July 8.
- *920. Reversal of cleavage in *Physa*. *Nautilus*, vol. 8, No. 3, p. 35, July 8.
- *921. *Bulimus oblongus*. *Nautilus*, vol. 8, No. 3, p. 35, July 8.
- *922. *Pupa syngenes* Pils. *Nautilus*, vol. 8, No. 3, p. 35, July 8.
- *923. Monograph of the genus *Gnathodon*, Gray. (*Rangia*, Desmoulins). *Proc. U. S. Nat. Mus.*, vol. 17, No. 988, pp. 89-106, pl. 7, July 23.
- *924. II. Synopsis of the Mactridae of northwest America, south to Panama. *Nautilus*, vol. 8, No. 4, pp. 39-43, Aug. 3.
925. *Review of Cock Lane and common sense*, by Andrew Lang. *The Nation*, vol. 59, No. 1522, p. 161, Aug. 30.
- *926. Cruise of the steam yacht "Wild Duck" in the Bahamas, January to April, 1893, in charge of Alexander Agassiz. II. Notes on the shells collected. *Bull. Mus. Comp. Zool.*, vol. 25, No. 9, pp. 113-124, 1 pl., October.
- *927. Notes on the Miocene and Pliocene of Gay Head, Martha's Vineyard, Mass., and on the "land phosphate" of the Ashley River district, South Carolina. *Amer. Journ. Sci. and Arts*, ser. 3, vol. 48 (vol. 148), No. 286, pp. 296-301, October.
- *928. The mechanical cause of folds in the aperture of the shell of Gasteropoda. *Amer. Naturalist*, vol. 28, No. 335, pp. 909-914, figs. 1-3, November.
- *929. How I came to be a paleontologist. *Outdoor World*, vol. 5, No. 11, pp. 335-336, November.
- *930. Description of a new species of *Doridium* from Puget Sound. *Nautilus*, vol. 8, No. 7, pp. 73-74, Nov. 1.
931. *Review of Wild beasts: A study of the characters and habits of the elephant, lion, leopard, panther, jaguar, tiger, puma, wolf, and grizzly bear*, by J. Hampden Porter. *The Nation*, vol. 59, No. 1535, p. 414, Nov. 29.
- *932. A new chiton from California. *Nautilus*, vol. 8, No. 8, pp. 90-91, Dec. 3.
933. *Review of Riverby*, by John Burroughs. *The Nation*, vol. 59, No. 1537, p. 450, Dec. 13.
934. *Review of A Florida sketchbook*, by Bradford Torrey. *The Nation*, vol. 59, No. 1539, pp. 480-481, Dec. 27.
935. *Review of Wild animals in captivity, or Orpheus at the Zoo, and other papers*, by C. J. Cornish. *The Nation*, vol. 59, No. 1539, p. 486, Dec. 27.

1895

936. A chapter of Alaska. [A letter.] *The Nation*, vol. 60, No. 1541, p. 29, Jan. 10.
937. *Review of Polar gleams: An account of a voyage on the yacht Blencathra*, by Helen Peel. *The Nation*, vol. 60, No. 1542, pp. 59-60, Jan. 17.
- *938. *Review of The life and writings of Rafinesque*, by Richard Ellsworth Call. *The Nation*, vol. 60, No. 1544, p. 92, Jan. 31.
- *939. On a new species of *Holospira* from Texas. *Nautilus*, vol. 8, No. 10, p. 112, Feb. 3.

940. *Review of* From Edinburgh to the Antarctic, by W. G. Burn Murdoch. With a chapter by W. S. Bruce. *The Nation*, vol. 60, No. 1545, pp. 113-114, Feb. 7.
941. [Review of W. K. Brooks' monograph of the genus *Salpa*.] *The Nation*, vol. 60, No. 1547, p. 148, Feb. 21.
- *942. Contributions to the Tertiary fauna of Florida, with especial reference to the Miocene siliceous-beds of Tampa and the Pliocene beds of the Caloosahatchie River. Tertiary mollusks of Florida. Part III. A new classification of the Pelecypoda. *Trans. Wagner Free Inst. Sci.*, vol. 3, pt. 3, pp. 485-570, March.
- *943. Synopsis of a review of the genera of recent and Tertiary Mactridae and Mesodesmatidae. *Proc. Malacol. Soc. London*, vol. 1, No. 5, pp. 203-213, March.
- *944. New species of shells from the Galapagos Islands. *Nautilus*, vol. 8, No. 11, pp. 126-127, Mar. 4.
- *945. New species of land shells from Puget Sound. *Nautilus*, vol. 8, No. 11, pp. 129-130, Mar. 4.
- *946. On marine mollusks from the Pampean formation by H. von Ihering. [Translated and arranged by Dr. Dall.] *Science*, n.s., vol. 1, No. 16, pp. 421-423, Apr. 19.
- *947. *Review of* The Cambridge Natural History, III. Mollusca, by Rev. A. H. Cooke; Brachiopods (recent), by A. E. Shipley; Brachiopods (fossil), by F. R. C. Reed. 1895. *The Nation*, vol. 60, No. 1556, p. 332, Apr. 25.
- *948. An undescribed *Meretrix* from Florida. *Nautilus*, vol. 9, No. 1, pp. 10-11, May 2.
949. [Co-author with C. W. Stiles of] *Review of* A textbook of invertebrate morphology, by J. Playfair McMurrich. *The Nation*, vol. 60, No. 1561, pp. 427-428, May 30.
- *950. *Review of* The Cambridge Natural History, III. Mollusca, by Rev. A. H. Cooke; Brachiopods (recent), by A. E. Shipley; Brachiopods (fossil), by F. R. C. Reed. 1895. *Science*, n.s., vol. 1, No. 22, pp. 610-611, May 31.
- *951. Scientific results of explorations by the U. S. Fish Commission steamer *Albatross*. No. XXXIV.—Report on Mollusca and Brachiopoda dredged in deep water, chiefly near the Hawaiian Islands, with illustrations of hitherto unfigured species from northwest America. *Proc. U. S. Nat. Mus.*, vol. 17, No. 1032, pp. 675-733, pls. 23-32, July 2.
952. Alaska revisited—I. *The Nation*, vol. 61, No. 1566, pp. 6-7, July 4.
- *953. Description of a new *Vitrea* from Puget Sound. *Nautilus*, vol. 9, No. 3, pp. 27-28, July 8.
- *954. Three new species of *Macoma* from the Gulf of Mexico. *Nautilus*, vol. 9, No. 3, pp. 32-34, July 8.
955. Alaska revisited—II. Metlakatla. *The Nation*, vol. 61, No. 1567, p. 24, July 11.
956. Alaska revisited. Success of Mr. Duncan's mission at Port Chester—a threatened inroad of miners. *The Evening Post*, New York, July 13, p. 14. (Same as No. 955.)
957. The St. Elias bear. *Science*, n.s., vol. 2, No. 30, p. 87, July 26.

958. Alaska revisited—III. The Nation, vol. 61, No. 1572, pp. 113-114, Aug. 15.
959. Alaska revisited. Scenery of cañon and glacier—flora and fauna. The Evening Post, New York, Aug. 17, p. 14. (Same as No. 958.)
960. Alaska revisited—IV. The Nation, vol. 61, No. 1573, pp. 131-132, Aug. 22.
- *961. Synopsis of the subdivisions of *Holospira* and some related genera. Nautilus, vol. 9, No. 5, pp. 50-51, Sept. 3.
962. Alaska revisited—V. Cook's Inlet. The Nation, vol. 61, No. 1576, p. 183, Sept. 12.
963. Alaska revisited. Cook's Inlet and its remarkable natural characteristics. The Evening Post, New York, Sept. 21, p. 14. (Same as No. 962.)
964. Alaska revisited—VI. The Nation, vol. 61, No. 1578, pp. 220-221, Sept. 26.
965. Alaska revisited. Some of the changes that have occurred in the last thirty years. The Evening Post, New York, Sept. 28, p. 18. (Same as No. 964.)
- *966. Note on the genus *Joannisia*. Nautilus, vol. 9, No. 7, p. 78, Nov. 4.
967. [On the discovery of fat and muscular fiber belonging to remains of a mammoth on the peninsula of Alaska. Paper presented before meeting of Biological Society of Washington.] Science, n.s., vol. 2, No. 45, pp. 635-636, Nov. 8.
968. Review of Our western archipelago, by Henry M. Field; Alaska, its history and resources, gold fields, routes, and scenery, by Miner W. Bruce. The Nation, vol. 61, No. 1586, p. 371, Nov. 21.
969. Review of Icebound on Kolguev, by Aubyn Trevor-Battye. The Nation, vol. 61, No. 1587, pp. 394-395, Nov. 28.
970. Alaska as it was and is, 1865-1895. Bull. Philos. Soc. Washington, vol. 13, pp. 123-161, December.
971. Review of Country pastimes for boys, by P. Anderson Graham. The Nation, vol. 61, No. 1590, p. 448, Dec. 19.
- *972. Review of Catalogue of the marine mollusks of Japan, with descriptions of new species, and notes on others collected by Frederick Stearns, by Henry A. Pilsbry. 1895. Science, n.s., vol. 2, No. 51, pp. 855-856, Dec. 20.

1896

- *973. Catalogue of the marine mollusks of Japan, collected by Frederick Stearns, by H. A. Pilsbry. 1895. [A review.] Nautilus, vol. 9, No. 9, pp. 105-106, Jan. 2.
- *974. Review of Die Gastropoden der Plankton-Expedition, by Dr. H. Simroth. 1895. Science, n.s., vol. 3, No. 54, pp. 69-70, Jan. 10.
975. Alaska as it was and is, 1865-1895. Science, n.s., vol. 3, No. 54, pp. 37-45, Jan. 10; No. 55, pp. 87-93, Jan. 17. (Same as No. 970.)
- *976. On some new species of *Scala*. Nautilus, vol. 9, No. 10, pp. 111-112, Feb. 3.
977. Review of The last cruise of the *Miranda*, by Henry Collins Walsh. The Nation, vol. 62, No. 1598, pp. 145-146, Feb. 13.

- *978. New data of *Spirula*. [Review of Zoölogy of the voyage of H.M.S. *Challenger*: Part I, vol. 33. Report on *Spirula*, by T. H. Huxley and P. Pelseneer. 1895.] *Science*, n.s., vol. 3, No. 59, pp. 243-246, Feb. 14.
979. Those *Jeannette* "relics" again. *New York Daily Tribune*, Feb. 22, p. 2.
980. A letter from Dr. Dall. How he became convinced that the *Jeannette* relics were fraudulent. *The Sun*, New York, Feb. 22, p. 6.
981. Coal in Alaska. *The Sun*, New York, Feb. 23, p. 5.
982. The so-called *Jennette* relics. *Nat. Geogr. Mag.*, vol. 7, No. 3, pp. 93-98, March.
983. The Russo-American telegraph project of 1864-'67. *Nat. Geogr. Mag.*, vol. 7, No. 3, pp. 110-111, March.
984. Geographical notes in Alaska. *Bull. Amer. Geogr. Soc.*, vol. 28, No. 1, pp. 1-20, March.
985. *Review of Geological biology*; an introduction to the geological history of organisms, by Henry Shaler Williams. 1895. *Science*, n.s., vol. 3, No. 64, pp. 445-447, Mar. 20.
986. *Review of Greenland icefields and life in the North Atlantic*; with a new discussion of the causes of the Ice Age, by G. Frederick Wright and Warren Upham; and *Handbook of Arctic discoveries*, by A. W. Greely. *The Nation*, vol. 62, No. 1605, pp. 275-276, Apr. 2.
- *987. Diagnoses of new mollusks from the survey of the Mexican boundary. *Proc. U. S. Nat. Mus.*, vol. 18, No. 1033, pp. 1-6, Apr. 23.
- *988. Diagnoses of new species of mollusks from the west coast of America. *Proc. U. S. Nat. Mus.*, vol. 18, No. 1034, pp. 7-20, Apr. 23.
- *989. Diagnoses of new Tertiary fossils from the southern United States. *Proc. U. S. Nat. Mus.*, vol. 18, No. 1035, pp. 21-46, Apr. 23.
- *990. New species of *Leda* from the Pacific coast. *Nautilus*, vol. 10, No. 1, pp. 1-2, May 3.
- *991. Note on *Neritina showalteri* Lea. *Nautilus*, vol. 10, No. 2, pp. 13-15, June 2.
992. *Review of Text-book of comparative anatomy*, by Arnold Lang. Part II. 1896. Translated by H. M. and M. Bernard. *Science*, n.s., vol. 3, No. 75, pp. 847-849, June 5.
- *993. On the American species of *Ervilia*. *Nautilus*, vol. 10, No. 3, pp. 25-27, July 2.
994. *Review of Voyage to Viking Land*, by Thomas Sedgwick Steele. *The Nation*, vol. 63, No. 1621, p. 66, July 23.
995. Cook's Inlet and the region to the westward. *Bull. U. S. Coast and Geod. Surv.*, No. 35, pp. 162-170, August.
996. *Review of The cruise of the Antarctic to the south polar regions*, by H. J. Bull. *The Nation*, vol. 63, No. 1623, p. 112, Aug. 6.
- *997. The mollusks and brachiopods of the Bahama expedition of the State University of Iowa. *Bull. Lab. Nat. Hist., State Univ. Iowa*, vol. 4, No. 1, pp. 12-27, pl. 1, Aug. 20.
- *998. Pelecypoda. *In Textbook of Paleontology*, by K. A. von Zittel, translated and edited by Charles R. Eastman, vol. 1, pp. 346-429, figs. 588-787. Issued separately Sept. 1896.
- *999. On the American species of *Cyrenoidea*. *Nautilus*, vol. 10, No. 5, pp. 51-52, Sept. 1.

- *1000. Insular landshell faunas, especially as illustrated by the data obtained by Dr. G. Baur in the Galapagos Islands. Proc. Acad. Nat. Sci. Philadelphia, 1896, pp. 395-460, pls. 15-17. (Sept. 15 and 22.)
- *1001. Note on *Leda caelata* Hinds. Nautilus, vol. 10, No. 6, p. 70, Oct. 9.
1002. Review of Science sketches, by President Jordan. Rev. ed. The Nation, vol. 63, No. 1635, p. 328, Oct. 29.
- *1003. Recent advances in malacology. Science, n.s., vol. 4, No. 100, pp. 770-773, Nov. 27.
- *1004. [Co-author with R. J. Lechmere Guppy of] Descriptions of Tertiary fossils from the Antillean region. Proc. U. S. Nat. Mus., vol. 19, No. 1110, pp. 303-331, pls. 27-30, Dec. 30.
1005. Review of Fridtjof Nansen, 1861-1893, by W. C. Brögger and Nordahl Rolfsen. The Nation, vol. 63, No. 1644, p. 501, Dec. 31.

1897

- *1006. Notice of some new or interesting species of shells from British Columbia and the adjacent region. Nat. Hist. Soc. British Columbia, Bull. No. 2, art. 1, pp. 1-18, pls. 1-2, January.
1007. A national department of science. Science, n.s., vol. 5, No. 108, pp. 147-149, Jan. 22.
- *1008. Report on the mollusks collected by the International Boundary Commission of the United States and Mexico, 1892-94. Proc. U. S. Nat. Mus., vol. 19, No. 1111, pp. 333-379, pls. 31-33, Jan. 27.
1009. Report on coal and lignite of Alaska. 17th Ann. Rep. U. S. Geol. Surv., 1895-96, pt. 1, pp. 763-875, pls. 48-58, March.
- *1010. List of species of shells collected at Bahia, Brazil, by Dr. H. von Ihering. Nautilus, vol. 10, No. 11, pp. 121-123, Mar. 7.
1011. Review of Farthest north, by Fridtjof Nansen. With appendix by Otto Sverdrup, Captain of the *Fram*. The Nation, vol. 64, No. 1660, pp. 306-307, Apr. 22.
- *1012. On a new form of *Polygyra* from New Mexico. Nautilus, vol. 11, No. 1, pp. 2-3, May 6.
1013. Distribution of marine mammals. Science, n.s., vol. 5, No. 126, p. 843, May 28.
- *1014. Synopsis of the Pinnidae of the United States and West Indies. Nautilus, vol. 11, No. 3, pp. 25-26, June 29.
1015. Review of The first crossing of Spitsbergen, by Sir William Martin Conway, with contributions by J. W. Gregory, A. Trevor-Battye, and E. J. Garwood. The Nation, vol. 65, No. 1672, p. 54, July 15.
1016. Review of Kajakmänner: Erzählungen Grönlandischer Seehundsfänger, by Signe Rink. The Nation, vol. 65, No. 1672, pp. 55-56, July 15.
1017. Review of Kajakmänner: Erzählungen Grönlandischer Seehundsfänger, by Signe Rink. The Evening Post, New York, July 20, p. 4. (Same as No. 1016.)
1018. Dr. Dall on the Klondike. The New York Sun, July 21, p. 2.
1019. Review of Matka and Kotik. A tale of the Mist Islands, by David Starr Jordan. The Nation, vol. 65, No. 1674, p. 97, July 29.
- *1020. Notes on landshells from the Malay Peninsula. Nautilus, vol. 11, No. 4, pp. 37-38, Aug. 5.

- *1021. On a new *Holospira* from Texas. *Nautilus*, vol. 11, No. 4, p. 38, Aug. 5.
 1022. Alaska and the new gold field. *Forum*, vol. 24, pp. 16-26, Sept. 1.
 1023. Glimpses of southern Oregon—I. *The Nation*, vol. 65, No. 1680, pp. 201-202, Sept. 9.
 1024. Glimpses of southern Oregon—II. *The Nation*, vol. 65, No. 1681, pp. 221-222, Sept. 16.
 *1025. Notes on the paleontological publications of Professor William Wagner. *Trans. Wagner Free Inst. Sci. Philadelphia*, vol. 5, pp. 7-11, pls. 1-3, October.
 *1026. New land shells from Mexico and New Mexico. *Nautilus*, vol. 11, No. 6, pp. 61-62, Oct. 4.
 *1027. [A letter on the mollusks observed at Coos Bay, Oregon.] *Nautilus*, vol. 11, No. 6, p. 66, Oct. 4.
 *1028. Dangers of formalin. *Science*, n.s., vol. 6, No. 147, pp. 633-634, Oct. 22.
 *1029. New species of Mexican land shells. *Nautilus*, vol. 11, No. 7, pp. 73-74, Nov. 1.
 *1030. New West American shells. *Nautilus*, vol. 11, No. 8, pp. 85-86, Dec. 6.

1898

- *1031. A table of the North American Tertiary horizons, correlated with one another and with those of western Europe, with annotations. 18th Ann. Rep. U. S. Geol. Surv., 1896-'97, pt. 2, pp. 323-348.
 *1032. On a new species of *Vitrea* from Maryland. *Nautilus*, vol. 11, No. 9, pp. 100-101, Jan. 3.
 1033. Dogs and the Klondike. *The Evening Star*, Washington, D. C., Jan. 19, p. 7.
 1034. Prof. Dall's reply to Mr. Lewis [in regard to the weight a dog can haul in the Klondike]. *The Evening Star*, Washington, D. C., Jan. 22, p. 12.
 *1035. Florida's interesting fossils. *Times Union*, Jacksonville, Fla., Eastern, Western and Middle Florida Edition, February, p. 36.
 1036. Coal and lignite. U. S. Geol. Surv. Map of Alaska, (descriptive text), pp. 39-44, March.
 *1037. List of a collection of shells from the Gulf of Aden obtained by the Museum's East African Expedition. *Field Columbian Mus.*, Publ. 26, Zool. Ser., vol. 1, No. 9, pp. 187-189, March.
 1038. Danish Arctic expeditions, 1605-1620. [Review of The Danish expeditions to Greenland in 1605, 1606, and 1607; to which is added Capt. James Hall's voyage to Greenland in 1612; and The expedition of Captain Jens Munk to Hudson's Bay, in search of a northwest passage, in 1619-'20, edited with notes by C. C. A. Gosch.] *The Nation*, vol. 66, No. 1706, pp. 189-190, Mar. 10.
 *1039. Recent progress in malacology. *Science*, n.s., vol. 7, No. 167, pp. 334-337, Mar. 11.
 *1040. How phosphate came. *Times-Union*, Jacksonville, Fla., Mar. 13, pt. 2, p. 9.
 1041. The future of the Yukon gold fields. *Nat. Geogr. Mag.*, vol. 9, No. 4, pp. 117-120, April.

1042. A Yukon pioneer, Mike Lebarge. Nat. Geogr. Mag., vol. 9, No. 4, pp. 137-139, April.
1043. The Metlakatla Mission in danger. Nat. Geogr. Mag., vol. 9, No. 4, pp. 187-189, April.
- *1044. A new subgenus of *Coralliophaga*. Nautilus, vol. 11, No. 12, p. 135, Apr. 3.
- *1045. Synopsis of the recent and Tertiary Psammobiidae of North America. Proc. Acad. Nat. Sci. Philadelphia, 1898, pp. 57-62. (Apr. 5.)
- *1046. *Review of* Traité de Zoologie, publié sous la direction de Raphaël Blanchard. XVI. Mollusques, par Paul Pelseener; XI. Némertiens, par Louis Joubin. 1897. Science, n.s., vol. 7, No. 172, p. 537, Apr. 15.
1047. *Review of* Across the Everglades; a canoe journey of exploration, by Hugh L. Willoughby. The Nation, vol. 66, No. 1713, pp. 328-329, Apr. 28.
- *1048. On a new species of *Fusus* from California. Nautilus, vol. 12, No. 1, pp. 4-5, May 1.
- *1049. On the genus *Halia* of Risso. Proc. Acad. Nat. Sci. Philadelphia, 1898, pp. 190-192. (May 3.)
1050. *Review of* Through the goldfields of Alaska to Bering Straits, by Harry De Windt. The Nation, vol. 66, No. 1714, p. 350, May 5.
- *1051. A new species of *Ceres* from Mexico. Nautilus, vol. 12, No. 3, pp. 27-28, June 30.
- *1052. Note on the anatomy of *Resania*, Gray, and *Zenatia*, Gray. Proc. Malacol. Soc., vol. 3, No. 2, pp. 85-86, July.
1053. *Review of* Northward over the great ice: A narrative of life and work along the shores and upon the interior ice cap of northern Greenland in the years 1886 and 1891-'97, by Robert E. Peary. The Nation, vol. 67, No. 1725, p. 56, July 21.
1054. *Review of* Familiar life in field and forest. The animals, birds, frogs, and salamanders, by F. Schuyler Mathews. The Nation, vol. 67, No. 1727, pp. 98-99, Aug. 4.
- *1055. On a new species of *Myllita*. Nautilus, vol. 12, No. 4, pp. 40-41, Aug. 4.
- *1056. A new species of *Terebra* from Texas. Nautilus, vol. 12, No. 4, pp. 44-45, Aug. 4.
1057. *Review of* A journal of the first voyage of Vasco de Gama, 1497-'99. Translated and edited with notes, etc., by E. Ravenstein. The Nation, vol. 67, No. 1731, pp. 171-172, Sept. 8.
1058. *Review of* The great polar current: Polar papers. De Long, Nansen, Peary, by Henry Mellen Prentiss. The Nation, vol. 67, No. 1732, p. 191, Sept. 8.
- *1059. Contributions to the Tertiary fauna of Florida, with especial reference to the siliceous beds of Tampa and the Pliocene beds of the Caloosahatchie River, including in many cases a complete revision of the generic groups treated of and their American Tertiary species. Part IV. 1. Prionodesmacea: *Nucula* to *Julia*. 2. Telcodesmacea: *Teredo* to *Ervilia*. Trans. Wagner Free Inst. Sci. Philadelphia, vol. 3, pt. 4, pp. 571-947, pls. 23-35, October.
1060. *Review of* The rainbow's end; Alaska, by Alice Palmer Henderson. The Nation, vol. 67, No. 1739, p. 319, Oct. 27.

- *1061. Recent advances in malacology, *Science*, n.s., vol. 8, No. 201, pp. 612-615, Nov. 4.
- *1062. A new *Polygyra* from New Mexico. *Nautilus*, vol. 12, No. 7, p. 75, Nov. 7.
- *1063. Description of a new *Ampullaria* from Florida. *Nautilus*, vol. 12, No. 7, pp. 75-76, Nov. 7.
1064. *Review of* Fourfooted Americans and their kin, by Mabel Osgood Wright. *The Nation*, vol. 67, No. 1742, p. 376, Nov. 17.
- *1065. Zoological bibliography. *Science*, n.s., vol. 8, No. 203, pp. 709-710, Nov. 18.
- *1066. Zoological bibliography. *Science*, n.s., vol. 8, No. 209, pp. 955-956, Dec. 30.

1899

1067. *Review of* With ski and sledge over Arctic glaciers, by Sir Martin Conway. *The Nation*, vol. 68, No. 1750, p. 34, Jan. 12.
1068. The Calaveras skull. *The Times*, Philadelphia, Jan. 13, p. 9.
1069. *Review of* With Peary near the Pole, by Eivind Astrup. *The Nation*, vol. 68, No. 1751, p. 55, Jan. 19.
1070. On the proposed University of the United States and its possible relations to the scientific bureaus of the Government. *Amer. Naturalist*, vol. 33, No. 386, pp. 97-107, February.
- *1071. Zoological nomenclature. *Science*, n.s., vol. 9, No. 215, p. 221, Feb. 10.
- *1072. On a new species of *Drillia* from California. *Nautilus*, vol. 12, No. 11, p. 127, Mar. 5.
1073. How long a whale may carry a harpoon. *Nat. Geogr. Mag.*, vol. 10, No. 4, pp. 136-137, April.
- *1074. A new *Pteronotus* from California. *Nautilus*, vol. 12, No. 12, pp. 138-139, Apr. 3.
1075. *Review of* Ichthyologia Ohioensis, by C. S. Rafinesque. *The Nation*, vol. 68, No. 1763, p. 284, Apr. 13.
1076. The Calaveras skull. *Proc. Acad. Nat. Sci. Philadelphia*, 1899, pp. 2-4, Apr. 17.
1077. *Review of* In the Australian bush, and on the coast of the Coral Sea, by Richard Semon. *The Nation*, vol. 68, No. 1764, pp. 300-301, Apr. 20.
1078. *Review of* In the Klondyke, including an account of a winter's journey to Dawson, by Frederick Palmer. *The Nation*, vol. 68, No. 1766, p. 340, May 4.
1079. *Review of* Early chapters in science, by Mrs. W. Awdry, edited by Prof. W. F. Barrett. *The Nation*, vol. 68, No. 1768, pp. 383-384, May 18.
- *1080. Synopsis of the recent and Tertiary Leptonacea of North America and the West Indies. *Proc. U. S. Nat. Mus.*, vol. 21, No. 1177, pp. 873-897, pls. 87-88, June 26.
1081. Alaskan notes. *The Nation*, vol. 69, No. 1781, pp. 127-129, Aug. 17.
- *1082. Synopsis of the American species of the family Diplodontidae. *Journ. Conch.*, vol. 9, No. 8, pp. 244-246, Oct. 1.
- *1083. Synopsis of the Solenidae of North America and the Antilles. *Proc. U. S. Nat. Mus.*, vol. 22, No. 1185, pp. 107-112, Oct. 9.

- *1084. The mollusk fauna of the Pribilof Islands. The fur seals and fur-seal islands of the North Pacific Ocean, pt. 3, pp. 539-546, November.
1085. Impressions of Honolulu. The Nation, vol. 69, No. 1792, pp. 331-333, Nov. 2.
- *1086. [Letter on his trip to Alaska and his work at the Bishop Museum, Honolulu.] Nautilus, vol. 13, No. 7, pp. 82-83, Nov. 3.
1087. [Review of the first number of the Bishop Museum Memoirs.] The Nation, vol. 69, No. 1795, p. 393, Nov. 23.
- *1088. Note on *Sigaretus oldroydii*. Nautilus, vol. 13, No. 8, p. 85, Dec. 7.
- *1089. Origin of the mutations of *Ostrea*. Nautilus, vol. 13, No. 8, pp. 91-93, Dec. 7.
1090. The sea is Thine, and Thou madest it. Christian Register, vol. 78, No. 50, p. 1443, Dec. 14.
1091. *Review of* Red Book of animal stories, edited by Andrew Lang. The Nation, vol. 69, No. 1798, p. 451, Dec. 14.
1092. *Review of* Alaska and the Klondike, by Angelo Heilprin. 1899. Science, n.s., vol. 10, No. 260, pp. 929-930, Dec. 22.

1900

- *1093. [Report to Dr. William T. Brigham on Garrett collection of shells.] Occas. Pap. Bernice Pauahi Bishop Mus., vol. 1, No. 2, pp. 10-13.
1094. The sea is Thine, and Thou madest it. The New York Times, Jan. 1, p. 6. (Same as No. 1090.)
- *1095. A new species of *Capulus* from California. Nautilus, vol. 13, No. 9, p. 100, Jan. 2.
- *1096. Notes on the Tertiary geology of Oahu. Bull. Geol. Soc. Amer., vol. 11, pp. 57-60, Feb. 28.
1097. *Review of* A thousand days in the Arctic, by Frederick G. Jackson. The Nation, vol. 70, No. 1809, pp. 168-169, Mar. 1.
1098. *Review of* The Caroline Islands, by F. W. Christian. The Nation, vol. 70, No. 1809, p. 172, Mar. 1.
- *1099. Note on *Petricola denticulata* Sby. Nautilus, vol. 13, No. 11, pp. 121-122, Mar. 1.
- *1100. Additions to the insular land-shell faunas of the Pacific coast, especially of the Galapagos and Cocos Islands. Proc. Acad. Nat. Sci. Philadelphia, 1900, pt. 2, pp. 88-106, pl. 8. (Apr. 13 and 16.)
1101. *Review of* The biography of a grizzly, and 75 drawings, by Ernest Seton-Thompson. The Nation, vol. 70, No. 1819, pp. 366-367, May 10.
- *1102. *Review of* A preliminary report on the geology of Louisiana, by Gilbert D. Harris and A. C. Veatch. 1900. Science, n.s., vol. 11, No. 280, pp. 745-746, May 11.
1103. *Review of* Scientific results of the Norwegian North Polar expedition, edited by Nansen. Vol. 1. The Nation, vol. 70, No. 1820, p. 379, May 17.
- *1104. A new species of *Lima*. Nautilus, vol. 14, No. 2, pp. 15-16, June 2.
- *1105. Note on a new abyssal limpet. Science, n.s., vol. 11, No. 284, p. 914, June 8.

- *1106. *Review of Textbook of palaeontology*, by K. A. von Zittel. Translated and edited by Charles R. Eastman. *The Nation*, vol. 70, No. 1826, p. 504, June 28.
1107. *Review of The conquest of arid America*, by William E. Smythe. *The Nation*, vol. 71, No. 1828, pp. 37-38, July 12.
1108. *Review of Nature's calendar*, by Ernest Ingersoll. *The Nation*, vol. 71, No. 1828, p. 39, July 12.
- *1109. A new *Murex* from California. *Nautilus*, vol. 14, No. 4, pp. 37-38, Aug. 1.
- *1110. Some names which must be discarded. *Nautilus*, vol. 14, No. 4, pp. 44-45, Aug. 1.
- *1111. Note on a new abyssal limpet. *Nautilus*, vol. 14, No. 4, p. 48, Aug. 1. (Same as No. 1105.)
1112. *Review of A monograph of Christmas Island*. 1900. *Science*, n.s., vol. 12, No. 293, pp. 225-226, Aug. 10.
1113. *Review of A treatise on zoölogy*, edited by E. Ray Lankester. Part 3. The Echinoderma, by F. A. Bather, assisted by J. W. Gregory and E. S. Goodrich. *The Nation*, vol. 71, No. 1833, pp. 138-139, Aug. 16.
- *1114. A new species of *Cerion*. *Nautilus*, vol. 14, No. 6, p. 65, Oct. 2.
1115. *Review of The Norwegian North Polar expedition 1893-1896*. Scientific results. Edited by Fridtjof Nansen. *Science*, n.s., vol. 12, No. 302, pp. 562-563, Oct. 12.
1116. *Review of The Antarctic regions*, by Karl Fricker. *The Nation*, vol. 71, No. 1842, pp. 315-316, Oct. 18.
1117. Christmas Island. [Review of a recent scientific report.] *Pop. Sci. Month.*, vol. 58, No. 1, p. 98, November.
- *1118. [Review of C. R. Eastman's translation of *Grundzüge der Palaeontologie*, by Karl A. von Zittel.] *Pop. Sci. Month.*, vol. 58, No. 1, pp. 98-99, November.
- *1119. Synopsis of the family Tellinidae and of the North American species. *Proc. U. S. Nat. Mus.*, vol. 23, No. 1210, pp. 285-326, pls. 2-4, Nov. 14.
1120. *Review of Through the first Antarctic night, 1898-1899; a narrative of the voyage of the Belgica*, by Frederick A. Cook. *The Nation*, vol. 71, No. 1846, pp. 391-392, Nov. 15.
1121. *Review of In Nature's realm*, by Charles Conrad Abbott. *The Nation*, vol. 71, No. 1847, p. 404, Nov. 22.
1122. The relation of the North American flora to that of South America. *Science*, n.s., vol. 12, No. 308, pp. 808-809, Nov. 23.
- *1123. Recent work on mollusks. *Science*, n.s., vol. 12, No. 309, pp. 822-825, Nov. 30.
- *1124. Contributions to the Tertiary fauna of Florida, with especial reference to the siliceous beds of Tampa and the Pliocene beds of the Caloosahatchie River, including in many cases a complete revision of the generic groups treated of and their American Tertiary species. Part V. Teleodesmacea: *Solen* to *Diplodonta*. *Trans. Wagner Free Inst. Sci. Philadelphia*, vol. 3, pt. 5, pp. 949-1218, pls. 36-47, December.
- *1125. On a genus (*Phyllaplysia*) new to the Pacific coast. *Nautilus*, vol. 14, No. 8, pp. 91-92, Dec. 6.
- *1126. A new species of *Pleurobranchus* from California. *Nautilus*, vol. 14, No. 8, pp. 92-93, Dec. 6.

1127. *Review of America*, picturesque and descriptive, by Joel Cook. *The Nation*, vol. 71, No. 1852, p. 510, Dec. 27.
1128. *Review of Fauna Hawaiiensis*, issued by the Bishop Museum of Honolulu and a special committee of the British Association. *The Nation*, vol. 71, No. 1852, p. 511, Dec. 27.

1901

1129. The discovery and exploration of Alaska. *Harriman Alaska Exped.*, vol. 2, pp. 185-204, 10 pls.
1130. The song of the Innuits. *Harriman Alaska Exped.*, vol. 2, pp. 367-370.
- *1131. Synopsis of the family *Cardiidae* and of the North American species. *Proc. U. S. Nat. Mus.*, vol. 23, No. 1214, pp. 381-392, Jan. 2.
1132. *Review of A treatise on Zoölogy*, edited by E. Ray Lankester. Part 2. The *Porifera* and *Coelentera*, by E. A. Minchin, G. Herbert Fowler, and Gilbert C. Bourne. *The Nation*, vol. 72, No. 1854, p. 38, Jan. 10.
- *1133. A new *Lyropecten*. *Nautilus*, vol. 14, No. 10, pp. 117-118, Feb. 1.
- *1134. The morphology of the hinge teeth of bivalves. *Amer. Naturalist*, vol. 35, No. 411, pp. 175-182, March.
1135. Goode's activities in relation to American science. *Ann. Rep. U. S. Nat. Mus. for 1897*, pt. 2, pp. 25-31, March.
- *1136. A new species of *Subemarginula* from California. *Nautilus*, vol. 14, No. 11, pp. 125-126, Mar. 1.
- *1137. A new *Pinna* from California. *Nautilus*, vol. 14, No. 12, pp. 142-143, Apr. 6.
1138. *Review of Mémoire de la partie demanderesse à l'Honorable Arbitre M. T. M. C. Asser*, etc. etc. (Relating to the taking of trespassers in the Russian seal preserves.) *The Nation*, vol. 72, No. 1867, pp. 296-297, Apr. 11.
- *1139. Results of the Branner-Agassiz expedition to Brazil. V. Mollusks from the vicinity of Pernambuco. *Proc. Washington Acad. Sci.*, vol. 3, pp. 139-147, Apr. 15.
1140. [Review of Sir Martin Conway's privately printed history of "Blubber-town." (Smeerenburg, Spitsbergen.)] *The Nation*, vol. 72, No. 1870, p. 375, May 2.
- *1141. [A letter in reply to a note alleging criticism of the work of West Coast workers.] *Nautilus*, vol. 15, No. 1, p. 12, May 3.
1142. *Review of Through Siberia*, by J. Stadling. Edited by F. H. H. Guillemard. *The Nation*, vol. 72, No. 1873, pp. 419-420, May 23.
1143. *Review of The Norwegian North Polar expedition, 1893-96. Scientific results*, vol. 2. Edited by Fridtjof Nansen. *The Nation*, vol. 72, No. 1874, p. 441, May 30.
1144. The structure of Diamond Head, Oahu. *Amer. Geol.*, vol. 27, No. 6, pp. 386-387, June.
1145. *Review of Lehrbuch der vergleichenden Anatomie der wirbellosen Thiere von Arnold Lang*. 2te Aufl. 1ste Lief. 1900. *Science*, n.s., vol. 13, No. 337, pp. 945-946, June 14.
- *1146. *Review of The seabeach at ebttide: A guide to the study of the seaweeds and the lower animal life found between tidemarks*, by Augusta Foote Arnold. *The Nation*, vol. 72, No. 1877, p. 498, June 20.

- *1147. A gigantic fossil *Lucina*. *Nautilus*, vol. 15, No. 4, pp. 40-42, July 30.
- *1148. Synopsis of the Lucinacea and of the American species. *Proc. U. S. Nat. Mus.*, vol. 23, No. 1237, pp. 779-833, pls. 39-42, Aug. 22.
- *1149. [Co-author with Paul Bartsch of] A new Californian *Bittium*. *Nautilus*, vol. 15, No. 5, pp. 58-59, Sept. 3.
- *1150. *Review of Studies in evolution*, by C. E. Beecher. Yale Bicentennial Publication. *The Nation*, vol. 73, No. 1894, p. 301, Oct. 17.
1151. *Review of Key to the birds of the Hawaiian group*, by William Alanson Bryan. *Bishop Mus. Mem.*, vol. 1, pt. 3. *The Nation*, vol. 73, No. 1894, p. 302, Oct. 17.
1152. The Harriman expedition. [Review of Alaska, vols. 1 and 2.] *The Nation*, vol. 73, No. 1894, pp. 303-304, Oct. 17.
- *1153. [Co-author with Charles Torrey Simpson of] The Mollusca of Porto Rico. *U. S. Fish Comm. Bull.*, vol. 20, pt. 1, pp. 351-524, pls. 53-58, November.
1154. *Review of Zoology; an elementary text-book*, by A. E. Shipley and E. W. MacBride. *Cambridge Nat. Sci. Man.*, Biol. Ser. *The Nation*, vol. 73, No. 1897, pp. 359-360, Nov. 7.
1155. *Review of Manual on Protozoa* by Gary N. Calkins. *Columbia Univ. Biol. Ser.* *The Nation*, vol. 73, No. 1901, p. 436, Dec. 5.
1156. *Review of Treatise on Zoology*, edited by E. Ray Lankester. Pt. 4. *Platyhelminia, Mesozoa, Nemertini*, by W. B. Benham. *The Nation*, vol. 73, No. 1901, p. 436, Dec. 5.
- *1157. A new species of *Liomesus*. *Nautilus*, vol. 15, No. 8, pp. 89-90, Dec. 7.
1158. [Review of the new edition of the history and origin of the Smithsonian Institution, by W. J. Rhees. Vol. 1.] *The Nation*, vol. 73, No. 1902, p. 456, Dec. 12.

1902

1159. Alaska. New vols. *Encycl. Brit.*, 10th ed., vol. 25, pp. 240-243.
- *1160. Lamarck, the founder of evolution. [Review of Lamarck the founder of evolution, his life and work, by Alpheus S. Packard. 1901.] *Pop. Sci. Month.*, vol. 60, No. 3, pp. 263-264, January.
1161. Memories and hopes. [Poem on the death of a son.] Privately printed, January.
1162. *Review of The great deserts and forests of North America*, by Paul Fountain. *The Nation*, vol. 74, No. 1905, p. 20, Jan. 2.
- *1163. On the true nature of *Tamiosoma*. *Science*, n.s., vol. 15, No. 366, pp. 5-7, Jan. 3.
- *1164. A new species of *Volutomitra*. *Nautilus*, vol. 15, No. 9, pp. 102-103, Jan. 8.
1165. On the death of Agassiz. [Poem.] *Christian Advocate*, vol. 77, No. 3, p. 94, Jan. 16.
- *1166. Prof. Alpheus Hyatt. [Obituary.] *The Washington (D. C.) Post*, Jan. 17, p. 10.
1167. The Alaskan boundary. [Criticism of a letter by Arthur Johnston on the Alaskan boundary, appearing in *The Nation*, vol. 74, No. 1908, pp. 69-70, Jan. 23.] *The Nation*, vol. 74, No. 1909, pp. 91-92, Jan. 30.
- *1168. Alpheus Hyatt. [Obituary.] *Pop. Sci. Month.*, vol. 60, No. 5, pp. 439-441, March.

- *1169. Note on the names *Elachista* and *Pleurotomaria*. *Nautilus*, vol. 15, No. 11, p. 127, Mar. 6.
1170. *Review of Touring Alaska and the Yellowstone*, by Charles M. Taylor, Jr. *The Nation*, vol. 74, No. 1915, p. 218, Mar. 13.
1171. *Review of Musings by campfire and wayside*, by William Cunningham Gray. *The Nation*, vol. 74, No. 1916, p. 236, Mar. 20.
1172. Apaches brothers to Eskimo. *The Sun*, New York, Mar. 23, pt. 2, p. 10.
- *1173. Illustrations and descriptions of new, unfigured, or imperfectly known shells, chiefly American, in the U. S. National Museum. *Proc. U. S. Nat. Mus.*, vol. 24, No. 1264, pp. 499-566, pls. 27-40, Mar. 31.
1174. *Review of The Alasko-Canadian frontier*, by Thomas Willing Balch. Reprinted from *Journ. Franklin Inst.* *The Nation*, vol. 74, No. 1918, p. 269, Apr. 3.
1175. *Review of The land of Nome*, by Lanier McKee. *The Nation*, vol. 74, No. 1919, p. 296, Apr. 10.
1176. Botanical nomenclature. *Science*, n.s., vol. 15, No. 384, p. 749, May 9.
1177. On the definition of some modern sciences. *Pop. Sci. Month.*, vol. 61, No. 2, pp. 99-102, June.
- *1178. Notes on the giant limas. *Nautilus*, vol. 16, No. 2, pp. 15-17, June 2.
1179. *Review of The white world: Life and adventures within the Arctic Circle*, portrayed by famous living explorers, edited by Rudolph Kersting for the Arctic Club. *The Nation*, vol. 75, No. 1933, p. 59, July 17.
- *1180. *Review of Reports of the Princeton University expedition to Patagonia, 1896-1899. IV. Palaeontology. Part II. Tertiary Invertebrates*, by A. E. Ortmann. *Science*, n.s., vol. 16, No. 394, pp. 111-112, July 18.
- *1181. Zoological nomenclature. *Science*, n.s., vol. 16, No. 395, pp. 150-151, July 25.
1182. *Review of Finland as it is*, by Harry de Windt. *The Nation*, vol. 75, No. 1935, p. 100, July 31.
- *1183. New species of Pacific coast shells. *Nautilus*, vol. 16, No. 4, pp. 43-44, Aug. 2.
- *1184. *Review of Observations on living Brachiopoda*, by E. S. Morse. *Boston Soc. Nat. Hist. Mem.* *The Nation*, vol. 75, No. 1937, p. 130, Aug. 14.
- *1185. Dr. J. G. Cooper. [Obituary.] *Science*, n.s., vol. 16, No. 398, pp. 268-269, Aug. 15.
1186. *Review of Fauna Hawaiiensis*, vol. 3, pt. 1, A monograph of the Hawaiian Diptera, by P. H. Grimshaw. *The Nation*, vol. 75, No. 1938, pp. 152-153, Aug. 21.
1187. The Alaska boundary. *The Evening Post*, New York, Sept. 27, p. 4.
- *1188. Questions de nomenclature. Réponses à la question. II. *Rev. Crit. Paléozool.*, vol. 6, No. 4, pp. 223-224, October.
- *1189. On the genus *Gemma*, Deshayes. *Journ. Conch.*, vol. 10, No. 8, pp. 238-243, Oct. 1.
1190. The Alaska boundary. *The Nation*, vol. 75, No. 1944, pp. 258-259, Oct. 2. (Same as No. 1187.)
1191. Memories and hopes. [Poem on the death of a son.] *Christian Register*, vol. 81, No. 44, p. 1272, Oct. 30. (Same as No. 1161.)
- *1192. Note on *Neocorbicula* Fischer. *Nautilus*, vol. 16, No. 7, pp. 82-83, Nov. 3.

1193. *Review of My dogs in the northland*, by Rev. Edgerton R. Young. *The Nation*, vol. 75, No. 1949, p. 361, Nov. 6.
- *1194. [Notes on viviparity in *Corbicula* and *Cardita*.] *Science*, n.s., vol. 16, No. 410, pp. 743-744, Nov. 7.
1195. [Remarks at memorial meeting for Major John Wesley Powell.] *Science*, n.s., vol. 16, No. 411, pp. 783-784, Nov. 14.
- *1196. [Co-author with Paul Bartsch of] A new *Rissoa* from California. *Nautilus*, vol. 16, No. 8, p. 94, Dec. 3.
1197. Jack London's local color. [A criticism.] *New York Times Saturday Review of Books and Art*, vol. 7, No. 49, Dec. 6.
- *1198. The Grand Gulf formation. *Science*, n.s., vol. 16, No. 415, pp. 946-947, Dec. 12.
1199. On the preservation of the marine animals of the northwest coast. *Ann. Rep. Smithsonian Inst. for 1901*, pp. 683-688, Dec. 15.
- *1200. Synopsis of the family Veneridae and of the North American recent species. *Proc. U. S. Nat. Mus.*, vol. 26, No. 1312, pp. 335-412, pls. 12-16, Dec. 29.

1903

- *1201. A preliminary catalogue of the shell-bearing marine mollusks and brachiopods of the southeastern coast of the United States, with illustrations of many of the species. Reprint, to which are added 21 plates not in the edition of 1889. *U. S. Nat. Mus. Bull.* 37, new ed., pp. 1-232, pls. 1-95.
- *1202. A new *Crassatellites* from Brazil. *Nautilus*, vol. 16, No. 9, pp. 101-102, Jan. 5.
- *1203. Hawaiian Physidae. *Nautilus*, vol. 16, No. 9, p. 106, Jan. 5.
1204. Jack London's Indians. *New York Times Saturday Review of Books and Art*, vol. 8, No. 2, p. 26, Jan. 10.
- *1205. Synopsis of the Carditacea and of the American species. *Proc. Acad. Nat. Sci. Philadelphia*, 1903, vol. 54, pt. 4, pp. 696-716. (Jan. 20.)
1206. *Review of Farther north than Nansen*, by Howard Wilford Bell. *The Nation*, vol. 76, No. 1964, p. 151, Feb. 19.
- *1207. Review of the classification of the Cyrenacea. *Proc. Biol. Soc. Washington*, vol. 16, pp. 5-8. (Feb. 21.)
1208. *Review of The Alaska frontier*, by Thomas Willing Balch. *The Nation*, vol. 76, No. 1970, p. 271, April 2.
- *1209. [A note on the name *Miodon*.] *Nautilus*, vol. 16, No. 12, p. 143, Apr. 11.
- *1210. [Additions to] Biographical memoir of Augustus Addison Gould, 1805-1866, by Jeffries Wyman. *Nat. Acad. Sci. Biogr. Mem.*, vol. 5, pp. 93-113. (May.)
1211. *Review of The autobiography of Joseph Le Conte*, edited by William Dallam Armes. *The Nation*, vol. 76, No. 1982, pp. 522-523, June 25.
- *1212. *Review of Index Animalium, sive index nominum quae ab. A.D. MDCCCLVIII, generibus et speciebus animalium imposita sunt*, by C. Davies Sherborn. Part 1, January 1758 to December 1800. *Science*, n.s., vol. 17, No. 443, pp. 1003-1005, June 26.

- *1213. [Co-author with Paul Bartsch of] *Pyramidellidae*, in *The paleontology and stratigraphy of the marine Pliocene and Pleistocene of San Pedro, California*, by Ralph Arnold. *Mem. California Acad. Sci.*, vol. 3, pp. 269-285, pls. 1-2, fig. 14 of pl. 4, June 27.
- *1214. *Rectifications et questions de nomenclature*. *Rev. Crit. Paléozool.*, vol. 7, p. 180, July.
- *1215. *Synopsis of the family Astartidae, with a review of the American species*. *Proc. U. S. Nat. Mus.*, vol. 26, No. 1342, pp. 933-951, pls. 62-63, July 10.
- *1216. *The Grand Gulf formation*. *Science*, n.s., vol. 18, No. 446, pp. 83-85, July 17.
1217. *Review of On the Polar Star in the Arctic Sea*, by H. R. H. Luigi Amadeo of Savoy, Duke of the Abruzzi. *The Nation*, vol. 77, No. 1986, p. 80, July 23.
1218. *Review of Reports of the Princeton University expeditions to Patagonia, 1896-1899. I. Narrative and geography*, by J. B. Hatcher. *Science*, n.s., vol. 18, No. 448, pp. 146-147, July 31.
- *1219. *Two new mollusks from the west coast of America*. *Nautilus*, vol. 17, No. 4, pp. 37-38, Aug. 12.
- *1220. *A new species of Metzgeria*. *Nautilus*, vol. 17, No. 5, pp. 51-52, Sept. 4.
- *1221. *Note on the family Septidae*. *Nautilus*, vol. 17, No. 5, pp. 55-56, Sept. 4.
- *1222. *Contributions to the Tertiary fauna of Florida with especial reference to the silex beds of Tampa and the Pliocene beds of the Caloosahatchie River, including in many cases a complete revision of the generic groups treated of and their American Tertiary species. Part VI. Concluding the work*. *Trans. Wagner Free Inst. Sci. Philadelphia*, vol. 3, pt. 6, pp. 1219-1654, pls. 48-60, October.
- *1223. *A new genus of Trochidae*. *Nautilus*, vol. 17, No. 6, pp. 61-62, Oct. 7.
1224. *Review of A treatise on zoölogy*, edited by E. Ray Lankester. Part 1. Second fascicle. *The Nation*, vol. 77, No. 2001, p. 369, Nov. 5.
- *1225. *Mrs. Henrietta H. T. Wolcott*. [Obituary notice.] *Nautilus*, vol. 17, No. 7, pp. 83-84, Nov. 6.
1226. *Review of In search of a Siberian Klondike*, narrated by W. B. Vanderbilt and edited by H. B. Hulbert. *The Nation*, vol. 77, No. 2008, p. 512, Dec. 24.
- *1227. *Diagnoses of new species of mollusks from the Santa Barbara Channel, California*. *Proc. Biol. Soc. Washington*, vol. 16, pp. 171-176. (Dec. 31.)

1904

1228. *Marcus Baker, September 23, 1849-December 12, 1903*. *Nat. Geogr. Mag.*, vol. 15, No. 1, pp. 40-43, fig., January.
- *1229. *Gundlachia and Ancylus*. *Nautilus*, vol. 17, No. 9, pp. 97-98, Jan. 8.
1230. [Remarks in tribute to Marcus Baker at meeting of the District of Columbia Library Association.] *The Evening Star*, Washington, D. C., Jan. 14, p. 7.
- *1231. *On the geology of the Hawaiian Islands*. *Amer. Journ. Sci. and Arts*, ser. 4, vol. 17 (vol. 167), No. 98, p. 177, February.

- *1232. [Co-author with Paul Bartsch of] Synopsis of the genera, subgenera and sections of the family Pyramidellidae. Proc. Biol. Soc. Washington, vol. 17, pp. 1-16. (Feb. 5.)
- *1233. Notes on the nomenclature of the Pupacea and associated forms. Nautilus, vol. 17, No. 10, pp. 114-116, Feb. 6.
- *1234. Neozoic invertebrate fossils, a report on collections made by the expedition. Harriman Alaska Exped., vol. 4, pp. 99-122, pls. 9-10, March.
- *1235. A new species of *Periploma* from California. Nautilus, vol. 17, No. 11, pp. 122-123, Mar. 5.
- *1236. Charles Emerson Beecher. [Obituary.] Science, n.s., vol. 19, No. 481, pp. 453-455, Mar. 18.
- *1237. Notes on the genus *Ampullaria*. Journ. Conch., vol. 11, No. 2, pp. 50-55, Apr. 1.
- *1238. *Review of The Harriman Alaska Expedition. Vol. 3, Glaciers and glaciation, by Grove Karl Gilbert; vol. 4, Geology and paleontology, by B. K. Emerson, Charles Palache, William H. Dall, E. O. Ulrich, and F. H. Knowlton; vol. 5, Cryptogamic botany, by William Trelease and others. The Nation, vol. 78, No. 2024, p. 296, Apr. 14.*
1239. Reports of the Belgian Antarctic expedition. [Review of Résultats du voyage du S. Y. *Belgica*, en 1897-8-9, sous le commandement de A. de Gerlache de Gomery. Rapports scientifiques.] Science, n.s., vol. 19, No. 486, pp. 656-659, Apr. 22.
1240. *Review of Forward, by Lina Boegli. The Nation, vol. 78, No. 2026, p. 332, Apr. 28.*
- *1241. A singular Eocene *Turbinella*. Nautilus, vol. 18, No. 1, pp. 9-10, May 5.
1242. *Review of A Norwegian ramble. The Nation, vol. 78, No. 2028, p. 371, May 12.*
- *1243. Namatogaeon or epigaeon? Science, n.s., vol. 19, No. 494, p. 926, June 17.
- *1244. Dr. J. C. McConnell. [Obituary.] Science, n.s., vol. 20, No. 501, p. 188, Aug. 5.
- *1245. An historical and systematic review of the frog-shells and tritons. Smithsonian Misc. Coll., vol. 47, No. 1475, pp. 114-144, Aug. 6.
1246. An American tribute to Sir William Henry Flower. (From C. J. Cornish's Life of Sir William Henry Flower.) Publishers' Circular, London, vol. 81, No. 1993, p. 252, Sept. 10.
- *1247. Currents of the North Pacific. Science, n.s., vol. 20, No. 509, pp. 436-437, Sept. 30.
- *1248. The relations of the Miocene of Maryland to that of other regions and to the recent fauna. Maryland Geol. Surv., Miocene, pp. CXXXIX-CLV, October.
1249. *Review of The Harriman Alaska Expedition. Vol. 10, Crustaceans, by Mary J. Rathbun, Harriet Richardson, S. J. Holmes, and Leon J. Cole. Science, n.s., vol. 20, No. 510, pp. 462-464, Oct. 7.*
1250. *Review of Natural history of some common animals, by O. H. Latter. Cambridge Biological Series. The Nation, vol. 79, No. 2050, p. 294, Oct. 13.*

1251. Belgian Antarctic expedition. [Review of Résultats du voyage du S. Y. Belgica en 1897, 1898, 1899, Zoölogie. Nématodes libres.] Science, n.s., vol. 20, No. 512, p. 536, Oct. 21.
- *1252. [Letter on the use of Bolten's names.] Nautilus, vol. 18, No. 7, p. 84, Nov. 7.
1253. Review of The island of tranquil delights, by Charles Warren Stoddard. The Nation, vol. 79, No. 2056, p. 416, Nov. 24.
1254. Review of Far and near, by John Burroughs. The Nation, vol. 79, No. 2057, pp. 445-446, Dec. 1.
1255. Review of The life and work of E. J. Peck among the Eskimos, by the Rev. Arthur Lewis. The Nation, vol. 79, No. 2058, p. 467, Dec. 8.

1905

- *1256. *Volupia rugosa* DeFrance. Paleontol. Univ., ser. 2, fasc. 1, pp. 76-76a.
- *1257. [Co-author with Charles Schuchert, T. W. Stanton, and R. S. Bassler of] Catalogue of the type specimens of fossil invertebrates, in the Department of Geology, United States National Museum. U. S. Nat. Mus. Bull. 53, pt. 1, sec. 1, pp. 1-704.
- *1258. Land and fresh-water mollusks. Harriman Alaska Exped., vol. 13, pp. 1-171, pls. 1-2, text figs. 1-118.
- *1259. Note on the name *Glycymeris*. Journ. Conch., vol. 11, No. 5, pp. 145-146, Jan. 1.
- *1260. On the relations of the land and fresh-water mollusk-fauna of Alaska and eastern Siberia. Pop. Sci. Month., vol. 66, No. 4, pp. 362-366, February.
- *1261. Note on *Lucina (Miltha) childreni* Gray and on a new species from the Gulf of California. Nautilus, vol. 18, No. 10, pp. 110-112, Feb. 11.
- *1262. Note on some preoccupied names of mollusks. Nautilus, vol. 18, No. 10, p. 113, Feb. 11.
- *1263. Names in the Pupillidae. Nautilus, vol. 18, No. 10, pp. 114-116, Feb. 11.
1264. Review of In the Yukon, by William Seymour Edwards. The Nation, vol. 80, No. 2068, p. 41, Feb. 16.
- *1265. Some new species of mollusks from California. Nautilus, vol. 18, No. 11, pp. 123-125, Mar. 6.
- *1266. Notes on the fossils of the Bahamas. Science, n.s., vol. 21, No. 532, pp. 390-391, Mar. 10.
- *1267. An arrangement of the American Cyclostomatidae, with a revision of the nomenclature. Proc. Malacol. Soc. London, vol. 6, No. 4, pp. 208-210, Mar. 17.
1268. Review of The lure of the Labrador wild: The story of the exploring expedition conducted by Leonidas Hubbard, Jr., by Dillon Wallace. The Nation, vol. 80, No. 2074, p. 256, Mar. 30.
- *1269. Fossils of the Bahama Islands with a list of the non-marine mollusks. In The Bahama Islands, pp. 23-47, pls. 11-13. April. Geogr. Soc. Baltimore.
- *1270. Note on the genus *Aporema* Dall. Nautilus, vol. 18, No. 12, p. 143, Apr. 10.
- *1271. Note on *Trichodina* Ancey. Nautilus, vol. 18, No. 12, p. 143, Apr. 10.

- *1272. [Discussion on the time element in stratigraphy and correlation.] Science, n.s., vol. 21, No. 537, pp. 584-585, Apr. 14.
1273. Reports of the Belgian Antarctic expedition. [Review of Résultats du voyage du S. Y. *Belgica* en 1877-8-9, sous le commandement de A. de Gerlache de Gomery. Rapports scientifiques.] Science, n.s., vol. 21, No. 538, pp. 624-625, Apr. 21.
- *1274. Report on land and fresh water shells collected in the Bahamas in 1904, by Mr. Owen Bryant and others. Smithsonian Misc. Coll., vol. 47, No. 1566, pp. 433-452, pls. 58-59, Apr. 27.
- *1275. Two undescribed Californian shells. Nautilus, vol. 19, No. 2, pp. 14-15, June 5.
1276. *Review of Half-hours with the lower animals*, by C. F. Holder. The Nation, vol. 80, No. 2086, p. 501, June 22.
1277. *Review of The young folks' cyclopaedia of natural history*, by John Denison Champlin with cooperation of Frederic A. Lucas. The Nation, vol. 80, No. 2086, p. 509, June 22.
- *1278. A new genus and several new species of landshells collected in central Mexico by Doctor Edward Palmer. Smithsonian Misc. Coll., vol. 48, No. 1590, pp. 187-194, pls. 43-44, figs. 22-25, July 1.
1279. *Review of Alaska and the Klondike*, by John Scudder McLain. The Nation, vol. 81, No. 2088, pp. 19-20, July 6.
- *1280. Note on a variety of *Crepidula nivea* C. B. Adams, from San Pedro, California. Nautilus, vol. 19, No. 3, pp. 26-27, July 10.
- *1281. Note on the earliest use of the generic name *Purpura* in binomial nomenclature. Proc. Biol. Soc. Washington, vol. 18, p. 189. (July 12.)
- *1282. Note on the name *Hendersonia*. Proc. Biol. Soc. Washington, vol. 18, p. 189. (July 12.)
1283. *Review of Antarctica*; or, two years amongst the ice of the South Pole, by Nils Otto G. Nordenskjöld. The Nation, vol. 81, No. 2089, pp. 39-40, July 13.
1284. Marcus Baker, 1849-1903. [Obituary notice.] Bull. Philos. Soc. Washington, vol. 14, pp. 277-285, August.
1285. John Wesley Powell, 1834-1902. [Obituary notice.] Bull. Philos. Soc. Washington, vol. 14, pp. 300-308, August.
1286. July 4 in Japan. The Evening Star, Washington, D. C., Aug. 1, p. 10.
1287. *Review of Early Dutch and English voyages to Spitsbergen in the seventeenth century*, edited with notes by Sir Martin Conway. The Nation, vol. 81, No. 2094, pp. 151-152, Aug. 17.
- *1288. A new proserpinoid land shell from Brazil. Proc. Biol. Soc. Washington, vol. 18, pp. 201-202. (Sept. 2.)
- *1289. A new chiton from the New England coast. Proc. Biol. Soc. Washington, vol. 18, pp. 203-204. (Sept. 2.)
- *1290. Note on the name *Hendersonia*. Smithsonian Misc. Coll., vol. 48, p. 239, Sept. 8. (Same as No. 1282.)
1291. *Review of The Faroes and Iceland: Studies in island life*, by Nelson Annandale with an appendix on the Celtic pony, by F. H. A. Marshall. The Nation, vol. 81, No. 2098, pp. 225-226, Sept. 14.
- *1292. Thomas Martyn and the Universal Conchologist. Proc. U. S. Nat. Mus., vol. 29, No. 1425, pp. 415-432, Oct. 6.

1293. Death of Capt. Herendeen. *The Evening Star*, Washington, D. C., Nov. 7, p. 2.
- *1294. *Review of Evolution*, racial and habitudinal, by Rev. John T. Gulick. *Science*, n.s., vol. 22, No. 567, pp. 593-594, Nov. 10.
- *1295. A new chiton from the New England coast. *Nautilus*, vol. 19, No. 8, pp. 88-90, pl. 4, Dec. 8.

1906

- *1296. *Review of The Pelecypoda of the Miocene of Maryland*, by Leonidas Chalmers Glenn. 1899. *Vanderbilt Univ. Quart.*, vol. 6, No. 1, pp. 70-71, January.
1297. The Belgian Antarctic expedition. [Review of Résultats du voyage du S. Y. "Belgica" en 1897-98-99, sous le commandement de A. de Gerlache de Gomery. Rapports scientifiques. Zoologie: Organogénie des Pinnipèdes.] *Science*, n.s., vol. 23, No. 575, p. 31, Jan. 5.
- *1298. Note on some forgotten mollusk-names. *Nautilus*, vol. 19, No. 9, pp. 104-105, Jan. 6.
- *1299. Note on *Vitrina Pfeifferi* Deshayes. *Nautilus*, vol. 19, No. 9, pp. 107-108, Jan. 6.
- *1300. On a new Floridian *Calliostoma*. *Nautilus*, vol. 19, No. 11, pp. 131-132, Mar. 9.
- *1301. Early history of the generic name *Fusus*. *Journ. Conch.*, vol. 11, No. 10, pp. 289-297, Apr. 1.
1302. *Review of Vikings of the Pacific*, by A. C. Laut. *The Nation*, vol. 82, No. 2127, pp. 286-287, Apr. 5.
- *1303. Note on some names in the Volutidae. *Nautilus*, vol. 19, No. 12, pp. 143-144, Apr. 5.
- *1304. [Co-author with Paul Bartsch of] Notes on Japanese, Indo-Pacific, and American Pyramidellidae. *Proc. U. S. Nat. Mus.*, vol. 30, No. 1452, pp. 321-369, pls. 17-26, May 9.
1305. The Belgian Antarctic expedition. [Review of Résultats du voyage du S. Y. "Belgica" en 1897-1898-1899, sous le commandement de A. de Gerlache de Gomery. Rapports scientifiques. Botanique: Les Phanérogames des Terres Magellaniques.] *Science*, n.s., vol. 23, No. 600, pp. 977-978, June 29.
- *1306. Biographical memoir of Charles Emerson Beecher. 1856-1904. *Nat. Acad. Sci. Biogr. Mem.*, vol. 6, pp. 57-70, portrait. (August.)
1307. Reminiscences of Yukon exploration. *Pop. Sci. Month.*, vol. 69, No. 2, pp. 128-137, August.
- *1308. Note on the genus *Glabaris* Gray or *Patularia* Swainson. *Nautilus*, vol. 20, No. 4, pp. 39-40, Aug. 18.
- *1309. A new *Scala* from California. *Nautilus*, vol. 20, No. 4, p. 44, Aug. 18.
1310. Volcanic action causes a new island to bob up. *The Baltimore Sun*, Sept. 9, p. 12.

1907

1311. [Review of the new edition of the history and origin of the Smithsonian Institution, by W. J. Rhees. Vol. 2.] *The Nation*, vol. 74, No. 1907, p. 52, Jan. 16.

- *1312. A review of the American Volutidae. *Smithsonian Misc. Coll.*, vol. 48, No. 1663, pp. 341-373, Feb. 4.
- *1313. A new *Cardium* from Puget Sound. *Nautilus*, vol. 20, No. 10, pp. 111-112, Feb. 12.
- *1314. Three new species of *Scala* from California. *Nautilus*, vol. 20, No. 11, pp. 127-128, Mar. 4.
- *1315. Note on the genus *Psilocochlis* Dall. *Nautilus*, vol. 20, No. 11, p. 128, Mar. 4.
- *1316. Notes on some Upper Cretaceous Volutidae, with descriptions of new species and a revision of the groups to which they belong. *Smithsonian Misc. Coll.*, vol. 50, No. 1704, pp. 1-23, figs. 1-13, Mar. 7.
- *1317. [Letter on some fossil Volutidae.] *Nautilus*, vol. 20, No. 12, pp. 142-143, Apr. 12.
- *1318. On climatic conditions at Nome, Alaska, during the Pliocene, and on a new species of *Pecten* from the Nome gold-bearing gravels. *Amer. Journ. Sci. and Arts*, ser. 4, vol. 23 (vol. 173), No. 138, pp. 457-458, text fig., June.
- *1319. A new *Cerithium* from the Florida Keys. *Nautilus*, vol. 21, No. 2, p. 22, June 12.
- *1320. Descriptions of new species of shells, chiefly Buccinidae, from the dredgings of the U.S.S. "Albatross" during 1906, in the northwestern Pacific, Bering, Okhotsk, and Japanese Seas. *Smithsonian Misc. Coll.*, vol. 50, No. 1727, pp. 139-173, July 9.
- *1321. Dr. Montgomery's proposed amendment to the rules of nomenclature. *Science*, n.s., vol. 26, No. 656, p. 117, July 26.
- *1322. Linnaeus as a zoologist. *Proc. Washington Acad. Sci.*, vol. 9, pp. 272-274, July 31.
1323. The Antarctic expedition of the "Discovery," under Capt. Scott, R.N., 1901-1904. [Review of The National Antarctic expedition, 1901-4. *Natural history*. Vol. 2, Zoology; vol. 3, Zoology and botany.] *Science*, n.s., vol. 26, No. 661, pp. 283-285, Aug. 30.
- *1324. On the synonymic history of the genera *Clava* Martyn, and *Cerithium* Bruguière. *Proc. Acad. Nat. Sci. Philadelphia*, vol. 59, pt. 2, pp. 363-369. (Oct. 2.)
- *1325. Supplementary notes on Martyn's Universal Conchologist. *Proc. U. S. Nat. Mus.*, vol. 33, No. 1565, pp. 185-192, Oct. 23.
1326. What's in a name among poets? *The New York Times Saturday Review of Books and Art*, vol. 12, No. 43, p. 687, Oct. 26.
- *1327. Memorandum of suggestions for the organization of a national conchological association or society. *Bull. Brooklyn Conch. Club*, vol. 1, No. 1, pp. 12-14, November.
1328. Ocean island gone. Of the Bogoslof group. *The Evening Star*, Washington, D. C., Nov. 11, p. 11.
1329. *Review of Résultats du voyage du S. Y. Belgica en 1897-9, sous le commandement de A. de Gerlache de Gomery. Rapports scientifiques. Zoologie.* *Science*, n.s., vol. 26, No. 672, pp. 660-661, Nov. 15.
1330. *Review of National Antarctic expedition, 1901-1904, S.S. Discovery, commanded by Capt. Scott, R.N. Natural history. Vol. I, Geology.* *Science*, n.s., vol. 26, No. 672, pp. 661-662, Nov. 15.

- *1331. On a *Cymatium* new to the Californian fauna. *Nautilus*, vol. 21, No. 8, pp. 85-86, Dec. 9.
- *1332. [Note on living *Planorbis magnificus* Pilsbry.] *Nautilus*, vol. 21, No. 8, p. 90, Dec. 9.
- *1333. [Note on *Ilyanassa obsoleta* Say on west coast.] *Nautilus*, vol. 21, No. 8, p. 91, Dec. 9.
- *1334. [A note on a sinistral *Marginella apicina* Menke.] *Nautilus*, vol. 21, No. 8, p. 91, Dec. 9.
- *1335. Memoranda of suggestions for the organization of an American conchological association or society. *Nautilus*, vol. 21, No. 8, pp. 94-96, Dec. 9.
- *1336. [Co-author with Paul Bartsch of] The pyramidellid mollusks of the Oregonian faunal area. *Proc. U. S. Nat. Mus.*, vol. 33, No. 1574, pp. 491-534, pls. 44-48, Dec. 31.

1908

- *1337. Henry Vendryes. [Obituary.] *Nautilus*, vol. 21, No. 9, p. 107, Jan. 3.
- *1338. Notes on *Gonidea angulata* Lea, a fresh-water bivalve, with description of a new variety. *Smithsonian Misc. Coll.*, vol. 50, No. 1784, pp. 499-500, Jan. 28.
- *1339. A new species of *Cavolina*, with notes on other pteropods. *Smithsonian Misc. Coll.*, vol. 50, No. 1785, pp. 501-502, Jan. 28.
- *1340. Subdivisions of the Terebridae. *Nautilus*, vol. 21, No. 11, pp. 124-125, Mar. 7.
- *1341. Note on *Turbonilla castanea* and *Odostomia montereyensis*. *Nautilus*, vol. 21, No. 11, p. 131, Mar. 7.
- *1342. Some new California shells. *Nautilus*, vol. 21, No. 12, pp. 136-137, Apr. 4.
- *1343. A revision of the Solenomyacidae. *Nautilus*, vol. 22, No. 1, pp. 1-2, May 9.
- *1344. Some notes on malacological nomenclature. *Science*, n.s., vol. 27, No. 699, pp. 827-828, May 22.
- *1345. Descriptions of new species of mollusks from the Pacific coast of the United States, with notes on other mollusks from the same region. *Proc. U. S. Nat. Mus.*, vol. 34, No. 1610, pp. 245-257, June 16.
- *1346. Some new brachiopods. *Nautilus*, vol. 22, No. 3, pp. 28-30, July 16.
- *1347. A new West Indian *Nitidella*. *Nautilus*, vol. 22, No. 3, pp. 31-32, July 16.
- *1348. The Patagonian fauna. Results of the Hamburg Magellan expedition. [Review.] *Amer. Naturalist*, vol. 42, No. 500, pp. 562-565, August.
- *1349. [Reports on the dredging operations off the west coast of Central America to the Galapagos, to the west coast of Mexico, and in the Gulf of California, in charge of Alexander Agassiz, carried on by the U. S. Fish Commission steamer "Albatross," during 1891, Lieut.-Commander Z. L. Tanner, U.S.N., commanding. XXXVII. Reports on the scientific results of the expedition to the eastern tropical Pacific, in charge of Alexander Agassiz, by the U. S. Fish Commission steamer "Albatross," from October, 1904, to March, 1905, Lieut.-Commander L. M. Garrett, U.S.N., commanding.] XIV. The Mollusca and

- Brachiopoda. Bull. Mus. Comp. Zool., vol. 43, No. 6, pp. 205-487, pls. 1-22, October.
- *1350. Zur Terminologie der Mollusken-Skulptur. Nachrichtsbl. Malacozool. Ges., vol. 40, No. 4, pp. 158-159, Oct. 20.
- *1351. Note on *Planorbis* and its subdivisions. Proc. Malacol. Soc. London, vol. 8, No. 3, p. 141, Nov. 5.
- *1352. Descriptions and figures of some land and fresh-water shells from Mexico, believed to be new. Proc. U. S. Nat. Mus., vol. 35, No. 1642, pp. 177-182, pls. 29-30, Nov. 10.
- *1353. A gigantic *Solemya* and a new *Vesicomya*. Nautilus, vol. 22, No. 7, pp. 61-63, Nov. 14.
- *1354. Another large Miocene *Scala*. Nautilus, vol. 22, No. 8, pp. 80-81, Dec. 11.
1355. Review of National Antarctic expedition. Vol. 4, Zoology. Science, n.s., vol. 28, No. 730, pp. 923-924, Dec. 25.

1909

- *1356. Biographical memoir of William More Gabb, 1839-1878. Nat. Acad. Sci. Biogr. Mem., vol. 6, pp. 347-361, portrait. (March.)
- *1357. A new species of *Pholadomya*. Nautilus, vol. 22, No. 11, pp. 115-117, Mar. 11.
1358. Review of Résultats du voyage du S. Y. *Belgica* en 1897, 1898, 1899, sous le commandement de A. de Gerlache de Gomery. Rapports scientifiques. Science, n.s., vol. 29, No. 741, p. 421, Mar. 12.
- *1359. Contributions to the Tertiary paleontology of the Pacific coast. I. The Miocene of Astoria and Coos Bay, Oregon. U. S. Geol. Surv., Prof. Pap. 59, pp. 1-278, pls. 1-23, figs. 1-14, Apr. 2.
- *1360. Some notes on *Cypraca* of the Pacific Coast. Nautilus, vol. 22, No. 12, pp. 125-126, Apr. 14.
- *1361. Note on *Pholadomya pacifica* Dall. Nautilus, vol. 22, No. 12, pp. 142-143, Apr. 14.
- *1362. *Paradione*, n.n., vice *Chionella*. Proc. Malacol. Soc. London, vol. 8, No. 4, p. 197, May 7.
- *1363. Further data on Poli's generic names. Proc. Malacol. Soc. London, vol. 8, No. 4, pp. 251-252, May 7.
- *1364. Some new South American land shells. Smithsonian Misc. Coll., vol. 52, No. 1866, pp. 361-364, pl. 37, May 11.
1365. Fru Signe Rink. [Obituary.] Science, n.s., vol. 29, No. 751, p. 806, May 21.
- *1366. A nomenclatorial court? Science, n.s., vol. 30, No. 761, pp. 147-149, July 30.
- *1367. Robert Edwards Carter Stearns. [Obituary.] Science, n.s., vol. 30, No. 765, pp. 279-280, Aug. 27.
- *1368. Notes on the relations of the molluscan fauna of the Peruvian zoological province. Amer. Naturalist, vol. 43, No. 513, pp. 532-541, September.
- *1369. Conditions governing the evolution and distribution of Tertiary faunas. Journ. Geol., vol. 17, No. 6, pp. 493-502, September.
- *1370. Ludwig Rudolph Sophus Bergh. [Obituary.] Science, n.s., vol. 30, No. 766, p. 304, Sept. 3.

1371. Reasons for crediting Cook's discovery. The Transcript, Boston, Sept. 4, pt. 2, p. 2.
- *1372. Dr. R. E. C. Stearns. [Obituary.] Nautilus, vol. 23, No. 5, pp. 70-72, Oct. 2.
- *1373. *Review of The opisthobranchiate Mollusca of the Branner-Agassiz expedition to Brazil, by Frank Mace Macfarland.* Science, n.s., vol. 30, No. 774, pp. 602-603, Oct. 29.
- *1374. Report on a collection of shells from Peru, with a summary of the littoral marine Mollusca of the Peruvian zoological province. Proc. U. S. Nat. Mus., vol. 37, No. 1704, pp. 147-294, pls. 20-28, Nov. 24.
- *1375. [Co-author with Paul Bartsch of] A monograph of West American pyramidellid mollusks. U. S. Nat. Bull. 68, pp. 1-258, pls. 1-30, Dec. 13.
1376. *Review of Croisière Océanographique accomplie a bord de la Belgica dans la Mer du Grönland, 1905.* Duc d'Orleans. Science, n.s., vol. 30, No. 783, pp. 969-970, Dec. 31.

1910

- *1377. [Co-author with Paul Bartsch of] New species of shells collected by Mr. John Macoun at Barkley Sound, Vancouver Island, British Columbia. Canada Dep. Mines, Geol. Surv. Branch, Mem. No. 14-N, pp. 5-22, pls. 1-2.
- *1378. Notes on post-glacial evidences of climatic changes in North America as indicated by marine fossils. Die Veränderungen des Klimas seit dem Maximum der letzten Eiszeit, pp. 365-366. Stockholm.
- *1379. Description of two new pulmonate mollusks with a list of other species from the Solomon Islands collected by Doctor G. A. Dorsey. Field Mus. Nat. Hist. Publ. 139, Zool. Ser., vol. 7, No. 8, pp. 215-221, pl. 4, February.
- *1380. New species of West American shells. Nautilus, vol. 23, No. 11, pp. 133-136, Apr. 15.
- *1381. Note on the summary of the Mollusca of the Peruvian province. Nautilus, vol. 23, No. 11, p. 144, Apr. 15.
- *1382. A new Floridian *Ammicola*. Nautilus, vol. 24, No. 1, p. 2, May 19.
- *1383. Report on the Brachiopoda obtained from the Indian Ocean by the *Sealark* expedition, 1905. Trans. Linn. Soc. London, ser. 2, vol. 13, pt. 3, pp. 439-441, pl. 26, June.
- *1384. List of shells collected by Dr. John I. Northrop in the Bahamas, identified by Prof. William Healey Dall, Smithsonian Institution. In A naturalist in the Bahamas, pp. 99-102, June.
- *1385. On some land shells collected by Dr. Hiram Bingham in Peru. Proc. U. S. Nat. Mus., vol. 38, No. 1736, pp. 177-182, text figs. 1-4, June 6.
- *1386. Summary of the shells of the genus *Conus* from the Pacific coast of America in the U. S. National Museum. Proc. U. S. Nat. Mus., vol. 38, No. 1741, pp. 217-228, June 6.
1387. *Review of National Antarctic expedition, 1901-1904.* Natural history. Vol. 5. Science, n.s., vol. 31, No. 808, pp. 989-990, June 24.
- *1388. New shells from the Gulf of California. Nautilus, vol. 24, No. 3, pp. 32-34, July 6.

- *1389. Two new Mexican landshells. *Nautilus*, vol. 24, No. 3, pp. 34-36, July 6.
1390. *Review of Tent life in Siberia*. Adventures among the Koraks and other tribes in Kamchatka and northern Asia, by George Kennan. *Science*, n.s., vol. 32, No. 810, p. 60, July 8.
- *1391. New landshells from the Smithsonian African Expedition. *Smithsonian Misc. Coll.*, vol. 56, No. 10 (Publ. 1945), pp. 1-3, text figs. 1-3, July 22.
- *1392. Notes on *Davisia* and *Malvinasia*. *Nautilus*, vol. 24, No. 4, pp. 47-48, Aug. 2.
- *1393. Notes on California shells. *Nautilus*, vol. 24, No. 8, pp. 95-96, Dec. 12.
- *1394. Description of a new genus and species of bivalve from the Coronado Islands, Lower California. *Proc. Biol. Soc. Washington*, vol. 23, pp. 171-172. (Dec. 29.)

1911

- *1395. Mollusca.—Shells and shellfish. Boy Scouts of America. The official handbook for boys. Pp. 94-97.
- *1396. Notes on California shells (II). *Nautilus*, vol. 24, No. 10, pp. 109-112, Feb. 4.
- *1397. Notes on *Gundlachia* and *Ancylus*. *Amer. Naturalist*, vol. 45, No. 531, pp. 175-189, March.
- *1398. Notes on California shells. III. *Nautilus*, vol. 24, No. 11, pp. 124-127, Mar. 6.
- *1399. Biographical sketch of Robert Edwards Carter Stearns. *In Bibliography of scientific writings of R. E. C. Stearns*, by Mary R. Stearns. *Smithsonian Misc. Coll.*, vol. 56, No. 18 (Publ. 2007), pp. 1-3, Apr. 11.
- *1400. [Co-author with Paul Bartsch of] New species of shells from Bermuda. *Proc. U. S. Nat. Mus.*, vol. 40, No. 1820, pp. 277-288, pl. 35, May 8.
- *1401. W. G. W. Harford. [Obituary.] *Nautilus*, vol. 25, No. 1, p. 8, May 19.
1402. Charles M. Scammon. [Obituary.] *Science*, n.s., vol. 33, No. 858, p. 887, June 9.
- *1403. A giant *Admete* from Bering Sea. *Nautilus*, vol. 25, No. 2, pp. 19-20, June 16.
- *1404. Nature of Tertiary and modern marine faunal barriers and currents. *Bull. Geol. Soc. Amer.*, vol. 22, pp. 218-220, June 23.
- *1405. Biographical memoir of Charles Abiathar White, 1826-1910. *Nat. Acad. Sci. Biogr. Mem.*, vol. 7, pp. 223-243, portrait. (July.)
- *1406. A new *Leptothyra* from California. *Nautilus*, vol. 25, No. 3, pp. 25-26, July 5.
1407. *Review of Résultats du voyage du S. Y. Belgica en 1897, 1898, 1899, sous le commandement de A. de Gerlache de Gomery*. *Science*, n.s., vol. 34, No. 866, pp. 156-157, Aug. 4.
1408. *Review of The subantarctic islands of New Zealand*. 1909. *Science*, n.s., vol. 34, No. 866, pp. 157-158, Aug. 4.
- *1409. *Review of A monograph of the Naiades of Pennsylvania*, by A. E. Ortmann. *Science*, n.s., vol. 34, No. 868, pp. 214-215, Aug. 18.
- *1410. The nomenclature of the Veneridae. *Proc. Malacol. Soc. London*, vol. 9, pt. 6, pp. 349-351, Sept. 9.
- *1411. Prof. Josiah Keep. [Obituary.] *Science*, n.s., vol. 34, No. 873, p. 371, Sept. 22.

1412. "Washington Science." *Science*, n.s., vol. 34, No. 874, pp. 405-407, Sept. 29.
- *1413. [Footnote on the jaw of *Sphyradium*, in The American species of *Sphyradium* with an inquiry as to the generic relationships, by G. Dallas Hanna.] *Proc. U. S. Nat. Mus.*, vol. 41, No. 1865, p. 372, Oct. 14.
- *1414. Professor Josiah Keep. [Obituary.] *Nautilus*, vol. 25, No. 6, pp. 61-62, Oct. 19. (Same as No. 1411.)
1415. *Review of Ka hana kapa: The making of bark cloth in Hawaii*, by W. T. Brigham. *Science*, n.s., vol. 34, No. 883, p. 768, Dec. 1.
- *1416. A new genus of bivalves from Bermuda. *Nautilus*, vol. 25, No. 8, pp. 85-86, Dec. 13.
- *1417. A new brachiopod from Bermuda. *Nautilus*, vol. 25, No. 8, pp. 86-87, Dec. 13.
- *1418. A new California *Eupleura*. *Nautilus*, vol. 25, No. 8, p. 87, Dec. 13.
- *1419. *Review of The British nudibranchiate Mollusca*, by Alder and Hancock. Supplement by Sir Charles Eliot. *Science*, n.s., vol. 34, No. 885, p. 849, Dec. 15.
1420. *Review of Duc d'Orléans, Campagne arctique de 1907*, by Charles Bulens. *Science*, n.s., vol. 34, No. 885, pp. 849-850, Dec. 15.

1912

1421. On the geological aspects of the possible human immigration between Asia and America. *Amer. Anthropol.*, vol. 14, No. 1, pp. 12-18, January (?).
- *1422. New species of fossil shells from Panama and Costa Rica, collected by D. F. MacDonald. *Smithsonian Misc. Coll.*, vol. 59, No. 2 (Publ. 2077), pp. 1-10, Mar. 2.
- *1423. Note on the genus *Panope*, Ménard. *Proc. Malacol. Soc. London*, vol. 10, pt. 1, pp. 34-35, Mar. 8.
- *1424. New Californian Mollusca. *Nautilus*, vol. 25, No. 11, pp. 127-129, Mar. 8.
- *1425. Report on landshells collected in Peru in 1911 by the Yale expedition under Professor Hiram Bingham, with descriptions of a new subgenus, a new species, and new varieties. *Smithsonian Misc. Coll.*, vol. 59, No. 14 (Publ. 2092), pp. 1-12, text figs. 1-2, June 8.
- *1426. New species of landshells from the Panama Canal Zone. *Smithsonian Misc. Coll.*, vol. 59, No. 18 (Publ. 2134), pp. 1-3, pls. 1-2, July 27.
1427. Recent Antarctic work. [Review of National Antarctic expedition, 1901-1904. *Natural History*. Vol. 6, Zoology and botany; and *Expédition antarctique Française, 1903-1905*, Commandée par le docteur Jean Charcot. *Science*, n.s., vol. 36, No. 919, p. 189-190, Aug. 9.
1428. A puzzling photograph. *Science*, n.s., vol. 36, No. 922, pp. 276-277, Aug. 30.
- *1429. Note on the genus *Septa* Perry (*Triton* Auct.). *Nautilus*, vol. 26, No. 5, pp. 58-59, Sept. 6.
- *1430. Mollusk fauna of northwest America. *Journ. Acad. Nat. Sci. Philadelphia* (2d ser.), vol. 15, pp. 243-248, Sept. 7.

- *1431. A remedy worse than the disease. *Science*, n.s., vol. 36, No. 924, pp. 344-346, Sept. 13.
- *1432. Note on the generic name *Pectunculus*. *Proc. Malacol. Soc. London*, vol. 10, pt. 3, pp. 255-256, Oct. 30.
1433. *Review of Duc d'Orléans*. Campagne arctique de 1907. *Annélides Polychètes*, by Pierre Fauvel; *Crustacés Malacostracés*, by Louis Stappers. *Science*, n.s., vol. 36, No. 935, p. 746, Nov. 29.
1434. *Review of Scientific results of the voyage of S. Y. "Scotia" during the years 1902-1904*. Vol. 3, Botany. *Science*, n.s., vol. 36, No. 936, pp. 792-793, Dec. 6.

1913

- *1435. Feeding habits of *Ariolimax*. *Nautilus*, vol. 26, No. 9, p. 108, Jan. 4.
- *1436. Charles W. Gripp. [Obituary.] *Nautilus*, vol. 26, No. 11, p. 132, Mar. 4.
- *1437. Note on *Cyprina islandica*. *Proc. Malacol. Soc. London*, vol. 10, pt. 4, p. 286, March 28.
- *1438. Shells collected at Manzanillo, west Mexico, Oct., 1910, by C. R. Orcutt, identified by William H. Dall. *Nautilus*, vol. 26, No. 12, p. 143, Apr. 2.
- *1439. Diagnoses of new shells from the Pacific Ocean. *Proc. U. S. Nat. Mus.*, vol. 45, No. 2002, pp. 587-597, June 11.
1440. An Eskimo artist. *The Nation*, vol. 97, No. 2510, p. 121, Aug. 7.
- *1441. New species of the genus *Mohnia* from the North Pacific. *Proc. Acad. Nat. Sci. Philadelphia*, vol. 65, pt. 2, pp. 501-504. (Aug. 19.)
- *1442. [Co-author with Paul Bartsch of] New species of mollusks from the Atlantic and Pacific coasts of Canada. *Bull. No. 1, Victoria Mem. Mus.*, pp. 139-146, pl. 10, Oct. 23.
1443. The Belgian Antarctic expedition. [Review of Résultats du voyage du S. Y. *Belgica* en 1897-8-9, sous le commandement de A. de Gerlache de Gomery. *Rapports scientifiques*.] *Science*, n.s., vol. 38, No. 988, pp. 819-820, Dec. 5.
- *1444. On a brackish water Pliocene fauna of the southern coastal plain. *Proc. U. S. Nat. Mus.*, vol. 46, No. 2023, pp. 225-237, pls. 20-22, Dec. 6.
- *1445. A new genus of Trochidae. *Nautilus*, vol. 27, No. 8, pp. 86-87, Dec. 10.

1914

- *1446. Mollusca.—Shells and shellfish. *Boy Scouts Manual, Every Boy's Library*, vol. 80, pp. 114-117, 6 text figs. (Same as No. 1395.)
- *1447. Note on *Clementia obliqua* Jukes-Brown. *Nautilus*, vol. 27, No. 9, pp. 103-104, Jan. 2.
1448. Reply to the argument of the single taxers. *The Evening Star*, Washington, D. C., Feb. 19, p. 22.
1449. Single tax. [A reply to Wm. W. Childs' rejoinder to Dr. Dall's remarks.] *The Evening Star*, Washington, D. C., Mar. 1, p. 8.
- *1450. Notes on some West American pectens. *Nautilus*, vol. 27, No. 11, pp. 121-122, Mar. 19.
- *1451. Notes on West American oysters. *Nautilus*, vol. 28, No. 1, pp. 1-3, May 16.

- *1452. Notes on some northwest coast acmaeas. *Nautilus*, vol. 28, No. 2, pp. 13-15, June 13.
- *1453. *Review of The life of the Mollusca*, by B. B. Woodward. *Science*, n.s., vol. 39, No. 1016, pp. 910-911, June 19.
- *1454. Henry Hemphill. [Obituary.] *Science*, n.s., vol. 40, No. 1025, pp. 265-266, Aug. 21.
- *1455. Henry Hemphill. [Obituary.] *Nautilus*, vol. 28, No. 5, pp. 58-59, Sept. 22. (Same as No. 1454.)
- *1456. *Review of The Middle Triassic marine invertebrate faunas of North America*, by James Perrin Smith. U. S. Geol. Surv. Prof. Pap. No. 83. *Science*, n.s., vol. 40, No. 1032, pp. 522-523, Oct. 9.
- *1457. Notes on West American Emarginulinae. *Nautilus*, vol. 28, No. 6, pp. 62-64, Oct. 15.
1458. Dr. Bateson's presidential address. *Science*, n.s., vol. 40, No. 1033, pp. 554-555, Oct. 16.
- *1459. Mollusca from South Georgia. *Brooklyn Inst. Sci., Sci. Bull.*, vol. 2, No. 4, pp. 69-70, Nov. 5.
1460. *Review of British Antarctic "Terra Nova" expedition, 1910*. *Zoology*, vol. 1, No. 1, Fishes, by C. Tate Regan. *Science*, n.s., vol. 40, No. 1038, p. 753, Nov. 20.

1915

1461. Address—at the funeral [of Henry Gannett], in Hubbard Memorial Hall, November 8, 1914. In *Henry Gannett, President of the National Geographic Society 1910-1914*, by S. N. D. North, pp. 27-28. Publ. by Nat. Geogr. Soc.
1462. *Review of The Norwegian Aurora Polaris expedition, 1902-03*. Vol. 1: On the cause of magnetic storms and the origin of terrestrial magnetism, by Kr. Birkeland. *Science*, n.s., vol. 41, No. 1044, p. 29, Jan. 1.
- *1463. On some generic names first mentioned in the "Conchological Illustrations." *Proc. U. S. Nat. Mus.*, vol. 48, No. 2079, pp. 437-440, Jan. 19.
- *1464. A monograph of the molluscan fauna of the *Orthaulax pugnax* zone of the Oligocene of Tampa, Florida. *U. S. Nat. Mus. Bull.* 90, pp. 1-173, pls. 1-26, Jan. 21.
- *1465. Notes on the Semelidae of the west coast of America, including some new species. *Proc. Acad. Nat. Sci. Philadelphia*, vol. 67, pp. 25-28. (March 2.)
- *1466. The earliest notice of a species of the genus *Gundlachia*. *Nautilus*, vol. 28, No. 11, pp. 128-129, Mar. 10.
- *1467. An index to the Museum Boltenianum. *Smithsonian Inst. Spec. Publ.* 2360, p. 64, Mar. 29.
1468. *Review of Russian expansion on the Pacific, 1641-1850; an account of the earliest and later expeditions made by the Russians along the Pacific coast of Asia and North America; including some related expeditions to the Arctic regions*, by F. A. Golder. *Amer. Hist. Rev.*, vol. 20, No. 3, pp. 626-627, April.
- *1469. A new species of *Modiolaria* from Bering Sea. *Nautilus*, vol. 28, No. 12, p. 138, Apr. 16.

1470. Spencer Fullerton Baird. A biography, including selections from his correspondence with Audubon, Agassiz, Dana, and others. 462 pp., 19 illus., May 3. Philadelphia and London.
1471. Effect of neutrality. [Quotation from letter to Charles Hedley.] Sydney [Australia] Morning Herald, May 7.
- *1472. Notes on the West American species of *Fusinus*. Nautilus, vol. 29, No. 5, pp. 54-57, Sept. 4.
- *1473. Notes on American species of *Mactrella*. Nautilus, vol. 29, No. 6, pp. 61-63, Oct. 11.
1474. *Review of* Scottish National Antarctic expedition. Report on the scientific results of the voyage of the *Scotia*, during the years 1902-4. Vol. IV, Zoology. Parts 2-20, Vertebrates. Science, n.s., vol. 42, No. 1090, pp. 731-732, Nov. 19.
- *1475. A review of some bivalve shells of the group Anatinacea from the west coast of America. Proc. U. S. Nat. Mus., vol. 49, No. 2116, pp. 441-456, Nov. 27.
- *1476. *Review of* The international rules of zoological nomenclature, with appendix and summaries of Opinions No. 1 to No. 56, by T. O. Smallwood. Science, n.s., vol. 42, No. 1092, p. 805, Dec. 3.
- *1477. Notes on the species of the molluscan subgenus *Nucella* inhabiting the northwest coast of America and adjacent regions. Proc. U. S. Nat. Mus., vol. 49, No. 2124, pp. 557-572, pls. 74-75, Dec. 11.

1916

1478. "Oh God! Oh Montreal!" [A note on the authorship of the phrase.] The Dial, vol. 60, No. 709, p. 16, Jan. 6.
- *1479. Prodrôme of a revision of the chrysodomoid whelks of the boreal and Arctic regions. Proc. Biol. Soc. Washington, vol. 29, pp. 7-8. (Jan. 25.)
- *1480. Two new bivalve shells from Uruguay. Nautilus, vol. 29, No. 10, pp. 112-113, Feb. 1.
- *1481. Note on the Oligocene of Tampa, Florida, the Panama Canal Zone, and the Antillian region. Proc. Malacol. Soc. London, vol. 12, pt. 1, pp. 38-39, Mar. 20.
1482. The value of science to the student. English High School Record [Boston], vol. 31, No. 7, pp. 13-14, May.
- *1483. Notes on the California species of *Adula*. Nautilus, vol. 30, No. 1, pp. 1-3, May 19.
- *1484. A new species of *Onchidiopsis* from Bering Sea. Proc. Acad. Nat. Sci. Philadelphia, vol. 68, pp. 376-378. (June 21.)
- *1485. On the distribution of Pacific invertebrates. Proc. Nat. Acad. Sci., vol. 2, No. 7, p. 424, July.
- *1486. Biographical memoir of Theodore Nicholas Gill, 1837-1914. Nat. Acad. Sci. Biogr. Mem., vol. 8, pp. 313-343, portrait. (July.)
- *1487. Notes on the West American Columbelloidea. Nautilus, vol. 30, No. 3, pp. 25-29, July 14.
1488. George Kennan. [Biographical sketch.] The Outlook, vol. 113, No. 12, pp. 675-677, July 19.

- *1489. Checklist of the recent bivalve mollusks (Pelecypoda) of the northwest coast of America from the Polar Sea to San Diego, California. Southwest Mus., Los Angeles, Calif., pp. 1-44, portrait, July 28.
- *1490. Shells of Mt. Monadnock, N. H. Nautilus, vol. 30, No. 5, pp. 57-58, Sept. 28.
- *1491. A new *Subemarginula* from California. Nautilus, vol. 30, No. 6, p. 61, Nov. 6.
1492. Paper-saving suggestions. The Evening Star, Washington, D. C., Nov. 17, p. 5.
- *1493. On some anomalies in geographic distribution of Pacific coast Mollusca. Proc. Nat. Acad. Sci., vol. 2, No. 12, pp. 700-703, December.
- *1494. A contribution to the invertebrate fauna of the Oligocene beds of Flint River, Georgia. Proc. U. S. Nat. Mus., vol. 51, No. 2162, pp. 487-524, pls. 83-88, Dec. 21.
- *1495. Diagnoses of new species of marine bivalve mollusks from the northwest coast of America in the United States National Museum. Proc. U. S. Nat. Mus., vol. 52, No. 2183, pp. 393-417, Dec. 27.

1917

1496. Our brave little girls. [War poem.] Privately printed.
- *1497. Summary of the mollusks of the family Alectrionidae of the west coast of America. Proc. U. S. Nat. Mus., vol. 51, No. 2166, pp. 575-579, Jan. 15.
- *1498. New *Bulimulus* from the Galapagos Islands and Peru. Proc. Biol. Soc. Washington, vol. 30, pp. 9-11. (Jan. 22.)
- *1499. Review of Atlantic slope arcas, by Pearl G. Sheldon. 1916. Amer. Journ. Sci. and Arts, ser. 4, vol. 43 (vol. 193), No. 255, p. 251, March.
- *1500. Theodore Nicholas Gill. [Obituary.] Ann. Rep. Smithsonian Inst. for 1916, pp. 579-586, 1 pl., July.
- *1501. A new species of *Astarte* from Alaska. Nautilus, vol. 31, No. 1, pp. 10-12, July 14.
- *1502. Notes on boreal land and freshwater shells. Nautilus, vol. 31, No. 1, pp. 12-13, July 14.
- *1503. Mrs. Maria Baldrige. [Obituary.] Nautilus, vol. 31, No. 1, p. 34, July 14.
- *1504. Notes on the shells of the genus *Epitonium* and its allies of the Pacific coast of America. Proc. U. S. Nat. Mus., vol. 53, No. 2217, pp. 471-488, Aug. 10.
- *1505. [Expedition of the California Academy of Sciences to the Galapagos Islands, 1905-1906.] XI. Preliminary descriptions of new species of pulmonata of the Galapagos Islands. Proc. California Acad. Sci., ser. 4, vol. 2, pt. 1, No. 11, pp. 375-382, Dec. 31.

1918

1506. The origin and early days of the Philosophical Society of Washington. Journ. Washington Acad. Sci., vol. 8, No. 2, pp. 29-34, Jan. 19.
- *1507. Description of new species of shells chiefly from Magdalena Bay, Lower California. Proc. Biol. Soc. Washington, vol. 31, pp. 5-8. (Feb. 27.)

1508. On rendering cats harmless (to birds). Nat. Humane Rev., vol. 6, No. 4, p. 75, April.
- *1509. Notes on *Chrysodomus* and other mollusks from the North Pacific Ocean. Proc. U. S. Nat. Mus., vol. 54, No. 2234, pp. 207-234, April 5.
- *1510. Notes on the nomenclature of the mollusks of the family Turritidae. Proc. U. S. Nat. Mus., vol. 54, No. 2238, pp. 313-333, Apr. 5.
1511. Reminiscences of Alaskan volcanoes. Sci. Month., vol. 7, No. 1, pp. 80-90, July.
- *1512. Notes on the genus *Trachydermon* Carpenter. Nautilus, vol. 32, No. 1, pp. 1-3, July 20.
- *1513. Pleistocene fossils of Magdalena Bay, Lower California, collected by Charles Russell Orcutt. Nautilus, vol. 32, No. 1, pp. 23-26, July 20.
- *1514. Changes in and additions to molluscan nomenclature. Proc. Biol. Soc. Washington, vol. 31, pp. 137-138. (Nov. 29.)

1919

- *1515. On some Tertiary fossils from the Pribilof Islands. Journ. Washington Acad. Sci., vol. 9, No. 1, pp. 1-3, Jan. 4.
- *1516. *Stylobates*, a warning. Nautilus, vol. 32, No. 3, pp. 79-80, pl. 6, Jan. 17.
- *1517. Note on *Thyasira bisecta* Conrad. Nautilus, vol. 32, No. 3, p. 103, Jan. 17.
- *1518. Review of British Antarctic (Terra Nova) expedition, 1910. Natural history report. Zoology, vol. 2, No. 8, Brachiopoda, by J. Wilfrid Jackson. Science, n.s., vol. 49, No. 1263, pp. 265-266, Mar. 14.
- *1519. Descriptions of new species of chitons from the Pacific coast of America. Proc. U. S. Nat. Mus., vol. 55, No. 2283, pp. 499-516, June 7.
- *1520. A new form of *Ampullaria*. Nautilus, vol. 33, No. 1, pp. 10-11, July 16.
- *1521. Note on the name *Duplicaria*. Nautilus, vol. 33, No. 1, p. 32, July 16.
- *1522. Descriptions of new species of mollusks of the family Turritidae from the west coast of America and adjacent regions. Proc. U. S. Nat. Mus., vol. 56, No. 2288, pp. 1-86, pls. 1-24, Aug. 8.
- *1523. Descriptions of new species of Mollusca from the North Pacific Ocean in the collection of the United States National Museum. Proc. U. S. Nat. Mus., vol. 56, No. 2295, pp. 293-371, Aug. 30.
- *1524. The Mollusca of the Arctic coast of America collected by the Canadian Arctic expedition west from Bathurst Inlet, with an appended report on a collection of Pleistocene fossil Mollusca. Rep. Canadian Arctic Exped. 1913-1918, vol. 8, pt. A, pp. 1a-25a, pls. 1-3, Sept. 24.
- *1525. The Pleistocene fossils collected on the Arctic coast of the Yukon and Northwest Territories by the Canadian Arctic expedition of 1913-1918. Rep. Canadian Arctic Exped., 1913-1918, vol. 8, pt. A, pp. 26a-29a, Sept. 24.
- *1526. [Introductory note to] Synonymic study on the mollusks of the Department des Alpes-Maritimes mentioned by Antoine Risso with notes on their classification, by E. Caziot. Proc. Acad. Nat. Sci. Philadelphia, vol. 71, pt. 2, p. 156. (Oct. 15.)
- *1527. New shells from the northwest coast. Proc. Biol. Soc. Washington, vol. 32, pp. 249-252. (Dec. 31.)

1920

- *1528. A new species of *Mitra* from California. *Nautilus*, vol. 33, No. 3, p. 103, Jan. 22.
- *1529. Pliocene and Pleistocene fossils from the Arctic coast of Alaska and the auriferous beaches of Nome, Norton Sound, Alaska. U. S. Geol. Surv. Prof. Paper 125-C, pp. 23-37, pls. 5-6, Jan. 27.
- *1530. On the relations of the sectional groups of *Bulimulus* of the subgenus *Naesiotus* Albers. *Journ. Washington Acad. Sci.*, vol. 10, No. 5, pp. 117-122, Mar. 4.
- *1531. Annotated list of the recent Brachiopoda in the collection of the United States National Museum, with descriptions of thirty-three new forms. *Proc. U. S. Nat. Mus.*, vol. 57, No. 2314, pp. 261-377, June 24.
- *1532. A new Alaskan chiton. *Nautilus*, vol. 34, No. 1, pp. 22-23, July 19.
- *1533. Turritidae vs. Turridae. *Nautilus*, vol. 34, No. 1, pp. 27-28, July 19.
- *1534. Eugene Aubourg de Boury. [Obituary.] *Science*, n.s., vol. 52, No. 1335, p. 106, July 30.

1921

- *1535. Two new Pliocene pectens from Nome, Alaska. *Nautilus*, vol. 34, No. 3, pp. 76-77, Jan. 11.
- *1536. Species named in the Portland Catalogue: I, American. *Nautilus*, vol. 34, No. 3, pp. 97-100, Jan. 11.
- *1537. M. Eugene Aubourg de Boury. [Obituary.] *Nautilus*, vol. 34, No. 3, p. 107, Jan. 11.
- *1538. Summary of the marine shellbearing mollusks of the northwest coast of America, from San Diego, California, to the Polar Sea, mostly contained in the collection of the United States National Museum, with illustrations of hitherto unfigured species. *U. S. Nat. Mus. Bull.* 112, pp. 1-217, pls. 1-22, Feb. 24.
- *1539. New fossil invertebrates from San Quentin Bay, Lower California. *West. Amer. Sci.*, vol. 19, No. 2, pp. 17-18, Apr. 27.
- *1540. Molluscan species named in the Portland Catalogue, 1786. Part II, Foreign species. *Nautilus*, vol. 34, No. 4, pp. 124-132, May 5.
- *1541. Two new South American shells. *Nautilus*, vol. 34, No. 4, pp. 132-133, May 5.
- *1542. New shells from the Pliocene or early Pleistocene of San Quentin Bay, Lower California. *West. Amer. Sci.*, vol. 19, No. 3, pp. 21-23, June 15.
- *1543. A new chiton from southern Brazil. *Nautilus*, vol. 35, No. 1, pp. 4-5, July 26.
- *1544. Nomenclatorial notes. *Nautilus*, vol. 35, No. 2, pp. 49-50, Dec. 5.
- *1545. *Review of The life of the Pleistocene or Glacial period*, by Frank Collins Baker. *Science*, n.s., vol. 54, No. 1407, p. 606, Dec. 16.

1922

- *1546. Note on *Alaba* and *Diala*. *Nautilus*, vol. 35, No. 3, pp. 84-85, Jan. 23.
- *1547. Note on *Acteocina*. *Nautilus*, vol. 35, No. 3, p. 96, Jan. 23.
1548. "Educated fleas" of fifty years ago. *Guide to Nat.*, vol. 14, No. 11, pp. 149-151, April. [Reprint of No. 144.]

- *1549. Note on the genera *Neptunea* and *Syncera*. Proc. Malacol. Soc. London, vol. 15, pt. 1, p. 36, April.
1550. Facing the flighty young woman. Outlook, vol. 131, No. 11, p. 483, July 12.
- *1551. Note on *Fenella* A. Adams. Nautilus, vol. 36, No. 1, pp. 27-28, July 24.
- *1552. Fossils of the Olympic Peninsula. Amer. Journ. Sci. and Arts, ser. 5, vol. 4 (vol. 204), No. 22, pp. 305-314, October.
- *1553. Two new bivalves from Argentina. Nautilus, vol. 36, No. 2, pp. 58-59, Oct. 7.
1554. John Elliott Pillsbury (1846-1919). Proc. Amer. Acad. Arts and Sci., vol. 57, No. 18, pp. 506-507, November.

1923

1555. Barbara Fritchie date held September 6. The Evening Star, Washington, D. C., Feb. 3, p. 6.
1556. Baird, the man. Science, n.s., vol. 57, No. 1468, pp. 194-196, Feb. 16.
- *1557. Some unrecorded names in the Muricidae. Proc. Biol. Soc. Washington, vol. 36, pp. 75-77. (Mar. 28.)
- *1558. Additions and emendations to United States National Museum Bulletin No. 112. Proc. U. S. Nat. Mus., vol. 63, No. 2478, pp. 1-4, Apr. 12.
- *1559. [Obituary of Frederick William Harmer.] Science, n.s., vol. 57, No. 1479, p. 526, May 4.
- *1560. A new deep water *Lyonsiella*. Nautilus, vol. 37, No. 1, p. 31, July 23.
- *1561. Note on *Fenella*, *Obortio*, and *Alabina*. Nautilus, vol. 37, No. 1, pp. 33-34, July 23.
1562. [History of Mount Monadnock.] Monadnock Breeze, Aug. 10, Sesqui-centennial issue, pp. 18, 23.
- *1563. F. C. Meuschen in the Zoophylacium Gronovianum. Nautilus, vol. 37, No. 2, pp. 44-52, Oct. 11.
- *1564. Notes on *Drupa* and *Morula*. Proc. Acad. Nat. Sci. Philadelphia, vol. 75, pp. 303-306. (Nov. 12.)
- *1565. Water glass as a mounting medium. Science, n.s., vol. 58, No. 1507, p. 396, Nov. 16.

1924

1566. *Review of Bering's voyages: An account of the efforts of the Russians to determine the relation of Asia and America*, by F. A. Golder. (In 2 vols.) Vol. I. The log books and official reports of the 1st and 2d expeditions, 1725-1730 and 1733-1742. Amer. Hist. Rev., vol. 29, No. 2, pp. 340-341, January.
- *1567. Note on the discovery of *Orygoceras* in the Idaho Tertiaries. Nautilus, vol. 37, No. 3, pp. 97-98, Jan. 15.
- *1568. Notes on molluscan nomenclature. Proc. Biol. Soc. Washington, vol. 37, pp. 87-90. (Feb. 21.)
- *1569. On the value of nuclear characters in the classification of marine gastropods. Journ. Washington Acad. Sci., vol. 14, No. 8, pp. 177-180, Apr. 19.
- *1570. A new Alaskan *Puncturella*. Nautilus, vol. 37, No. 4, p. 133, Apr. 24.

- *1571. Report on Tertiary and Quaternary fossils from the Canadian Arctic coast. Rep. Canadian Arctic Exped., 1913-18, vol. 11, pp. 27A-33A, pl. 35, July 8.
- *1572. A remarkable caecid from Florida. Nautilus, vol. 38, No. 1, pp. 7-8, July 14.
- *1573. Note on fossiliferous strata on the Galapagos Islands explored by W. H. Ochsner of the expedition of the California Academy of Sciences in 1905-6. Geol. Mag. London, vol. 61, No. 9, pp. 428-429, September.
- *1574. Discovery of a Balkan fresh-water fauna in the Idaho formation of Snake River valley, Idaho. U. S. Geol. Surv. Prof. Pap. 132-G, pp. 109-115, pl. 26, Nov. 10.
- 1575. Drivers are assailed. The Evening Star, Washington, D. C., Nov. 13, p. 6.
- 1576. Thermometer scales. Science, n.s., vol. 60, No. 1559, pp. 454-455, Nov. 14.
- *1577. Supplement to the report of the Canadian Arctic expedition, 1913-18. Vol. 8, part A, Mollusks, recent and Pleistocene (1919). Rep. Canadian Arctic Exped., 1913-18, vol. 8, pt. A (Suppl. Rep.), pp. 31a-32a, pl. 4, Nov. 27.
- *1578. List of mollusks from the eastern Arctic region, collected by the *Neptune* expeditions, etc. Rep. Canadian Arctic Exped., 1913-18, vol. 8, pt. A (Suppl. Rep.), pp. 33a-35a, Nov. 27.

1925

- *1579. New shells from Japan. Nautilus, vol. 38, No. 3, pp. 95-97, Jan. 19.
- *1580. *Review of* Kritisches Verzeichnis der rezenten und fossilen Cypræen, by F. A. Schilder. 1924. Nautilus, vol. 38, No. 3, pp. 106-107, Jan. 19.
- *1581. Notes on the nomenclature of our East American species of *Pecten* with descriptions of new species. Nautilus, vol. 38, No. 4, pp. 112-120, May 2.
- *1582. Note on the name of our common oyster. Nautilus, vol. 38, No. 4, p. 121, May 2.
- *1583. Notes on the Atlantic coast species of *Plicatula*. Proc. Biol. Soc. Washington, vol. 38, p. 90. (May 26.)
- *1584. Note on the species of *Petricolaria* of the eastern coast of the United States. Proc. Biol. Soc. Washington, vol. 38, p. 90. (May 26.)
- *1585. A new *Acteocina* from British Columbia. Nautilus, vol. 39, No. 1, pp. 25-26, July 8.
- *1586. The Pteropoda collected by the Canadian Arctic expedition 1913-1918, with description of a new species from the North Pacific. Rep. Canadian Arctic Exped., 1913-1918, vol. 8, pt. B, pp. 9b-12b, fig. 4, Aug. 6.
- *1587. Tertiary fossils dredged off the northeastern coast of North America. Amer. Journ. Sci. and Arts, ser. 5, vol. 10 (vol. 210), No. 57, pp. 213-218, September.
- *1588. Illustrations of unfigured types of shells in the collection of the United States National Museum. Proc. U. S. Nat. Mus., vol. 66, art. 17, No. 2554, pp. 1-41, pls. 1-36, Sept. 22.

1926

1589. *Review of Bering's voyages: An account of the efforts of the Russians to determine the relation of Asia to America*, by F. A. Golder. Vol. II. Steller's journal of the sea voyage from Kamchatka to America and return on the second expedition, 1741-1742. *Amer. Hist. Rev.*, vol. 31, No. 2, pp. 333-334, January.
- *1590. On *Amicula* and *Cryptochiton*. *Nautilus*, vol. 39, No. 3, pp. 75-76, Jan. 11.
- *1591. Note on *Ancylastrum*. *Nautilus*, vol. 39, No. 3, p. 105, Jan. 11.
- *1592. Edward Sylvester Morse. [Obituary.] *Science*, n.s., vol. 63, No. 1623, p. 157, Feb. 5.
1593. [Christian belief.] *Christian Register*, vol. 105, No. 12, p. 273, Mar. 25.
- *1594. Expedition to the Revillagigedo Islands, Mexico, in 1925. Land shells of the Revillagigedo and Très Marias Islands, Mexico. *Proc. California Acad. Sci.*, ser. 4, vol. 15, No. 15, pp. 467-491, pls. 35-36, July 22.
- *1595. A new *Margarites* from Greenland. *Proc. Biol. Soc. Washington*, vol. 39, p. 59. (July 30.)
- *1596. A new *Pecten* from Colombia. *Proc. Biol. Soc. Washington*, vol. 39, p. 61. (July 30.)
- *1597. New shells from Japan and the Loochoo Islands. *Proc. Biol. Soc. Washington*, vol. 39, pp. 63-66. (July 30.)
- *1598. Marine Mollusca collected by Frits Johansen in the Gulf of St. Lawrence and Newfoundland in 1922, 1923 and 1925. *Canadian Field-Nat.*, vol. 40, No. 7, pp. 153-155, October.
- *1599. A new *Pecten* from the Loochoo Islands. *Nautilus*, vol. 40, No. 2, p. 67, Oct. 22.

1927

1600. Baird, greatest of American naturalists. *Nature Mag.*, vol. 9, No. 2, pp. 101-102, February.
- *1601. Diagnoses of undescribed new species of mollusks in the collection of the United States National Museum. *Proc. U. S. Nat. Mus.*, vol. 70, art. 19, No. 2668, pp. 1-11, Feb. 9.
- *1602. Small shells from dredgings off the southeast coast of the United States by the United States Fisheries steamer "Albatross" in 1885 and 1886. *Proc. U. S. Nat. Mus.*, vol. 70, art. 18, No. 2667, pp. 1-134, Apr. 20.
- *1603. Note on the genera of Costa's Microdoride. *Nautilus*, vol. 40, No. 4, p. 134, Apr. 29.

1928

- *1604. [Co-author with Washington Henry Ochsner of] Tertiary and Pleistocene Mollusca from the Galapagos Islands. *Proc. California Acad. Sci.*, ser. 4, vol. 17, No. 4, pp. 89-139, pls. 2-7, 5 text figs., June 22.
- *1605. [Co-author with Washington Henry Ochsner of] Landshells of the Galapagos Islands. *Proc. California Acad. Sci.*, ser. 4, vol. 17, No. 5, pp. 141-185, pls. 8-9, June 22.

1929

- *1606. Marine Mollusca collected by Frits Johansen in the Maritime Provinces of Canada in the autumn of 1926. *Canadian Field-Nat.*, vol. 43, No. 7, pp. 159-160, October.

1938

- *1607. [Co-author with Paul Bartsch and Harald Alfred Rehder of] A manual of the recent and fossil marine pelecypod mollusks of the Hawaiian Islands. *Bernice P. Bishop Mus., Bull.* 153, pp. 3-233, pls. 1-57, July 25.