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SMITHSONIAN MISCELLANEOUS COLLECTIONS.

478

# CATALOGUE OF PUBLICATIONS

OF THE

# SMITHSONIAN INSTITUTION,

(1846 - 1882,)

WITH AN

## ALPHABETICAL INDEX OF ARTICLES

IN THE

SMITHSONIAN CONTRIBUTIONS TO KNOWLEDGE, MISCELLANEOUS COLLECTIONS, ANNUAL REPORTS, BULLETINS AND PROCEEDINGS OF THE U. S. NATIONAL MUSEUM, AND REPORT OF THE BUREAU OF ETHNOLOGY.

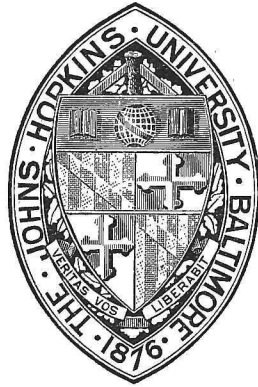
By WILLIAM J. RHEES,

CHIEF CLERK OF THE INSTITUTION.

WASHINGTON:  
SMITHSONIAN INSTITUTION.

1882.

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Professor of Inorganic Geology in this University.  
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THE GIFT OF HIS WIDOW.





SMITHSONIAN MISCELLANEOUS COLLECTIONS.

— 478 —

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SMITHSONIAN INSTITUTION,

(1846—1882,)

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BY WILLIAM J RHEES,

CHIEF CLERK OF THE INSTITUTION.

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WASHINGTON:  
SMITHSONIAN INSTITUTION.

1882.

JUDD & DETWEILER, PRINTERS,  
WASHINGTON, D. C.

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# PREFACE.

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The present catalogue embraces all the articles published by the Smithsonian Institution from its organization in 1846 to the first of July, 1882, a period of thirty-six years.

At the beginning nothing was issued but pamphlets explanatory of the plan of the Institution and brief annual reports of the proceedings of the Board of Regents, indicated in the catalogue by the letters A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, Q. An elaborate work, (P in the catalogue), by ROBERT DALE OWEN, on public architecture, with special reference to the plans of the Smithsonian Institution, prepared on behalf of the Building Committee, was printed at the expense of the Institution in 1849, but did not form part of the regular series organized by the Secretary of the Institution, Prof. Henry.

## 1. SMITHSONIAN CONTRIBUTIONS TO KNOWLEDGE.

The series entitled "Smithsonian Contributions to Knowledge," in quarto form, was commenced in 1848 by the publication of Squier and Davis' Ancient Monuments of the Mississippi Valley. The following "Advertisement" of the first volume, prepared by Prof. Henry, has been inserted in every succeeding volume to indicate the character and design of the series:

"This volume is intended to form the first of a series of volumes, consisting of original memoirs on different branches of knowledge published at the expense and under the direction of the Smithsonian Institution. The publication of this series forms part of a general plan adopted for carrying into effect the benevolent intentions of James Smithson, Esq., of England. This gentleman left his property in trust to the United States of America to found at Washington an institution which should bear his own name, and have for its objects 'the *increase and diffusion* of knowledge among men.' This trust was accepted by the Government of the United States, and an act of Congress was passed August 10, 1846, constituting the President and the other principal executive officers of the General Government, the Chief Justice of the Supreme Court, the Mayor of Washington, and such other persons as they might elect honorary members, an establishment under the name of the 'Smithsonian Institution, for the increase and diffusion of knowledge among

men.' The members and honorary members of this establishment are to hold stated and special meetings for the supervision of the affairs of the Institution and for the advice and instruction of a Board of Regents, to whom the financial and other affairs are entrusted.

"The Board of Regents consists of three members *ex-officio* of the establishment, namely, the Vice-President of the United States, the Chief Justice of the Supreme Court, and the Mayor of Washington, together with twelve other members, three of whom are appointed by the Senate from its own body, three by the House of Representatives from its members, and six citizens appointed by a joint resolution of both houses. To this Board is given the power of electing a Secretary and other officers, for conducting the active operations of the Institution.

"To carry into effect the purposes of the testator, the plan of organization should evidently embrace two objects, one, the increase of knowledge by the addition of new truths to the existing stock; the other, the diffusion of knowledge thus increased among men. No restriction is made in favor of any kind of knowledge, and hence each branch is entitled to and should receive a share of attention.

"The act of Congress, establishing the Institution, directs, as part of the plan of organization, the formation of a Library, a Museum, and a Gallery of Art, together with provisions for physical research and popular lectures, while it leaves to the Regents the power of adopting such other parts of an organization as they may deem best suited to promote the objects of the bequest.

"After much deliberation, the Regents resolved to divide the annual income, thirty thousand nine hundred and fifty dollars, into two equal parts, one part to be devoted to the increase and diffusion of knowledge by means of original research and publications, the other half of the income to be applied in accordance with the requirements of the act of Congress to the gradual formation of a Library, a Museum, and a Gallery of Art."

(The Programme of Organization, adopted December 8, 1847, follows.)

"In accordance with the rules adopted in the Programme of Organization, each memoir in this volume has been favorably reported on by a Commission appointed for its examination. It is however, impossible, in most cases, to verify the statements of an author; and, therefore, neither the Commission nor the Institution can be responsible for more than the general character of a memoir."

The total number of papers published in the 23 volumes of "Contributions" is 119, with an aggregate of 12,456 pages, 1,567 wood cuts, 523 plates, and 16 maps, each volume averaging 541½ pages.

## 2. MISCELLANEOUS COLLECTIONS.

In the year 1862, another series was instituted, entitled "Smithsonian Miscellaneous Collections" each volume of which has the following preface:

"The present series, entitled "Smithsonian Miscellaneous Collections," is intended to embrace all the publications issued directly by the Smithsonian

Institution in octavo form; those in quarto constituting the "Smithsonian Contributions to Knowledge." The quarto series includes memoirs, embracing the records of extended original investigations and researches, resulting in what are believed to be new truths, and constituting positive additions to the sum of human knowledge. The octavo series is designed to contain reports on the present state of our knowledge of particular branches of science; instructions for collecting and digesting facts and materials for research; lists and synopses of species of the organic and inorganic world; museum catalogues; reports of explorations; aids to bibliographical investigations, etc.; generally prepared at the express request of the Institution and at its expense.

"The position of a work in one or the other of the two series will sometimes depend upon whether the required illustrations can be presented more conveniently in the quarto or the octavo form.

"In the Smithsonian Contributions to Knowledge, as well as in the present series, each article is separately paged and indexed, and the actual date of its publication is that given on its special title page, and not that of the volume in which it is placed. In many cases works have been published and largely distributed years before their combination into volumes.

"While due care is taken on the part of the Smithsonian Institution to insure a proper standard of excellence in its publications, it will be readily understood that it cannot hold itself responsible for the facts and conclusions of the authors, as it is impossible in most cases to verify their statements."

The total number of papers published in the 23 volumes of "Miscellaneous Collections" is 122, each volume averaging  $882\frac{1}{2}$  pages, with an aggregate of 20,299 pages, 2,868 wood cuts, and 43 plates.

### 3. ANNUAL REPORTS.

By the act of Congress organizing the Institution it was made the duty of the "Board of Regents to submit at each session a report of the operations, expenditures, and condition of the Institution." These Annual Reports form a third series of Smithsonian publications. They consist of the reports of the Secretary to the Board of Regents of the operations and condition of the Institution; the reports of committees of the Board; reports of lectures; extracts from correspondence; original or translated articles relating to the history and progress of science, etc.

The first report was submitted by the Board to the second session of the 29th Congress, 1847, and formed an octavo pamphlet of 38 pages. A similar report was presented annually thereafter, varying in size from 64 pages to 326, printed in pamphlet form with paper covers up to 1853, when Congress ordered the report to be bound in cloth. In the volume for that year the essential portion of the contents of the preceding seven reports was reprinted,

and this is now considered as the first of a set of Smithsonian Reports. The number of pages was limited between 1854 and 1876 to 400. In the latter year this restriction was removed, and since then the average number of pages has been 600.

The number of copies of these reports for general distribution ordered by Congress has been very variable, the largest being 7,500 in 1874 and 1875, and the smallest 150 in 1847. The number of copies granted the Institution each year is shown in the following table:

*Number of extra copies furnished the Institution by Congress for distribution.*

FOR THE YEAR.	NO. OF COPIES.	FOR THE YEAR.	NO. OF COPIES.	FOR THE YEAR.	NO. OF COPIES.
1847	150	1859	2,000	1871	5,000
1848	1,000	1860	2,000	1872	5,000
1849	500	1861	2,000	1873	6,000
1850	1,000	1862	2,000	1874	7,500
1851	2,000	1863	2,000	1875	7,500
1852	2,000	1864	2,000	1876	6,500
1853	3,000	1865	2,000	1877	6,500
1854	2,500	1866	2,000	1878	6,500
1855	2,500	1867	2,000	1879	7,000
1856	2,500	1868	2,000	1880	7,000
1857	5,000	1869	3,000		
1858	5,000	1870	5,000		

The total number of pages in the 35 volumes of Annual Reports is 14,419, average 412 pages; total number of woodcuts, 1,898.

#### 4. BULLETINS OF THE U. S. NATIONAL MUSEUM.

In the year 1875 a fourth series of publications (octavo) was commenced, entitled "Bulletins of the National Museum," intended to illustrate the collections of natural history and ethnology belonging to the United States, constituting the National Museum, of which the Smithsonian Institution is the custodian.

Twenty of these Bulletins have been published, with an aggregate of 3,103 pages, 45 plates, and 1 map.

## 5. PROCEEDINGS OF THE U. S. NATIONAL MUSEUM.

In imitation of the practice of those learned societies which publish periodically descriptions of new species, &c., in the form of proceedings of weekly or monthly meetings, and thus present to the world the discoveries connected with the establishment at the earliest practicable moment, it appeared to be very desirable that the National Museum should have some medium of prompt publication for announcing descriptions of specimens received, (many of which are new species,) as well as other interesting facts relative to natural history furnished by correspondents of the Institution. To meet this want a fifth series of publications, (octavo,) entitled "Proceedings of the National Museum," was commenced in 1880. They are printed in successive signatures as fast as material sufficient for 16 pages is prepared, and distributed at once to scientific societies and leading active working naturalists in this country and in Europe,\* each signature having printed at the bottom of its first page the date of actual issue, for settling any questions as to priority of publication. Of this series four volumes have been published, comprising 2,221 pages, with 28 cuts and 19 plates.

## 6. REPORTS OF THE BUREAU OF ETHNOLOGY.

The sixth series of publications is the annual report (in Imperial octavo) of the Bureau of Ethnology, placed by Congress in charge of the Smithsonian Institution. The first volume of this series was issued in 1881, and consists of 638 pages, with 343 cuts, 54 plates, and 1 map.

The distribution of this volume to individuals is wholly by Members of Congress and the Director of the Bureau, Major J. W. Powell—the Institution having copies at its disposal only for the libraries on its regular list of distribution for its own full series.

## 7. COPYRIGHT.

No copyright has ever been secured on the publications of the Institution. They are left free to be used by compilers of books without any restrictions, except that full credit shall be given to the name of Smithson for any extracts which may be made from them.

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\* Prof. Baird's report for 1880.

## 8. USE OF ILLUSTRATIONS.

Copies of the wood cuts used by the Institution are granted to authors or publishers on payment of the actual cost of production of electrotypes, and promise to give proper reference to the article in which they originally appeared.

## 9. SIZE OF EDITIONS.

In the first experiments of the Smithsonian system of publication, the proper magnitude of the editions necessary to meet the immediate and future demand could not be accurately ascertained. The number of copies of the Contributions then fixed upon, has since been found inadequate, although it was larger than that usually issued by other institutions. The edition has, therefore, been augmented, until at the present time 1,000 copies of each article are set aside to be combined into volumes, and an extra number, varying with the probable demand, struck off for separate distribution, and for sale.

Each article is complete in itself, with separate paging, title, and index, and without any necessary relationship to others combined with it in the same volume.

Of the early volumes of Smithsonian Contributions, the edition, for reasons already explained, was less than of the succeeding ones, so that complete sets cannot now be furnished.

In the year 1862, the plan of stereotyping every article printed by the Institution was adopted, the plates being carefully preserved, thus making it practicable at any time to issue new editions except where expensive lithographic plates were used, a limited number, only, of impressions from these having been taken.

A number of the earlier articles in octavo were out of print before the commencement of the series of "Miscellaneous Collections," and consequently are not included in them.

The printing of the "Bulletins" and "Proceedings" is authorized by the DEPARTMENT OF THE INTERIOR and paid for out of its fund. An edition of 1,000 copies is published, of which one-half is distributed by the Department of the Interior and one-half by the Institution. As the pages are stereotyped, the cost of additional copies is slight; and for the purpose of making sure that a sufficient number of sets will be accessible forever to

students in all parts of the world, it has been considered expedient to print 1,500 additional copies of each for incorporation in the Miscellaneous Collections.\*

#### 10. DISTRIBUTION OF PUBLICATIONS.

The distribution of the publications of the Institution is a matter which requires much care and judicious selection, the great object being to make known to the world the truths which may result from the expenditure of the Smithson fund. For this purpose the CONTRIBUTIONS are so distributed as to be accessible to the greatest number of readers; that is, to large central libraries.

The volumes of Contributions are presented on the express condition that, while they are carefully preserved, they shall be accessible at all times to students and others who may desire to consult them, and be returned to the Institution in case the establishments to which they are presented at any time cease to exist.

These works, it must be recollected, are not of a popular character, but require profound study to fully understand them; they are, however, of importance to the professional teacher and the popular expounder of science. They contain the materials from which general treatises on special subjects may be elaborated.†

Full sets of the publications cannot be given to all who apply for them, since this\* is impossible with the limited income of the Institution, and, indeed, if care be not exercised in the distribution, so large a portion of the income will be annually expended on the production of copies for distribution of what has already been published that nothing further can be done in the way of new publications. It must be recollected that every addition to the list of distribution not only involves the giving of the publications which have already been made, but also of those which are to be made hereafter.‡

The rules governing the distribution of the Smithsonian publications are appended. To enable institutions not coming within their provisos, as well as individuals, to procure copies of such as may be desired, a small number is set aside and sold by the Institution at a price which is intended merely to cover the actual cost of their publication.

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\* Prof. Baird's report for 1880.

† Prof. Henry's report for 1876.

‡ Prof. Henry's report for 1873.

11. RULES FOR DISTRIBUTION OF THE PUBLICATIONS OF THE  
SMITHSONIAN INSTITUTION.

*To Institutions.*

The publications of the Smithsonian Institution are furnished :

1st. To learned societies of the first class, which present complete series of their publications to the Institution.

2d. To libraries of the first class, which give in exchange their catalogues and other publications ; or an equivalent, from their duplicate volumes.

3d. To colleges of the first class, which furnish catalogues of their libraries and of their students, and all publications relative to their organization and history.

4th. To public libraries containing 25,000 volumes.

5th. To smaller public libraries, where a large district would be otherwise unsupplied.

6th. Institutions devoted exclusively to the promotion of particular branches of knowledge may receive such Smithsonian publications as relate to their respective objects.

*To Individuals.*

The gratuitous distribution to *individuals*, of the publications of the Institution, is restricted :

1st. To those who are engaged in original research in the branch of science to which the book asked for pertains.

2d. To those who require it in the business of instruction.

3d. To donors to the museum or library of the Institution.



12. FORM OF APPLICATION FOR PUBLICATIONS.

To the Smithsonian Institution, Washington, D. C.

Date, 18

In behalf of the \_\_\_\_\_, we respectfully apply for the publications of the Smithsonian Institution, on condition that all volumes received shall be carefully preserved, be accessible to any person who may wish to consult them, and be returned to the Smithsonian Institution in case the establishment at any time ceases to exist.

- 1. Name of Establishment.....
- 2. Location—Town.....  
State.....
- 3. When established.....
- 4. Character.....
- 5. Buildings and property.....
- 6. Permanent fund.....
- 7. Annual income.....
- 8. Volumes in library.....
- 9. Number of persons having use of books.....
- 10. Date of last catalogue of library.....
- 11. What publications made.....  
(Send printed list if possible.)
- 12. Names of Officers: President.....  
Secretary.....  
Librarian.....
- 13. Addresses of principal scientific men connected with the Establishment and subjects in which specially interested.....

I recommend the above application.

-----Member of Congress,  
-----District-----State.

13. PRICE LIST OF SMITHSONIAN PUBLICATIONS.

Where no price is given the work is out of print, and cannot be furnished. Of those marked "free" the edition is limited, and copies are only given to those specially interested in the subjects to which they pertain, who are collaborators of the Institution or contributors to its library or museum.

P	\$10 00	60	\$1 00	120	\$1 00	180	\$1 00	240		300	\$0 25	360	free.	420	free.
1		61	1 00	121	25	181	2 00	241	\$7 50	301		361		421	free.
2		62	2 00	122	6 00	182	2 50	242	7 50	302	25	362	free.	422	\$0 25
3		63	1 00	123	6 00	183	25	243	free.	303	50	363	free.	423	6 00
4		64	free.	124		184	12 00	244	1 00	304	50	364	free.	424	6 00
5		65		125	6 00	185	free.	245	free.	305	50	365	free.	425	2 00
6		66		126	1 25	186	50	246	12 00	306	50	366	free.	426	free.
7		67		127	1 25	187	50	247	50	307		367	free.	427	free.
8		68		128	2 00	188	50	248		308	50	368		428	free.
9		69		129	1 00	189	1 00	249		309	free.	369		429	free.
10		70	6 00	130	1 50	190	free.	250		310	25	370	free.	430	free.
11		71		131	1 25	191		251	free.	311	50	371	free.	431	free.
12	4 00	72	3 00	132	25	192	5 00	252		312	50	372	free.	432	free.
13	2 00	73	25	133	2 00	193	free.	253		313	6 00	373	free.	433	free.
14	1 00	74		134		194		254	2 00	314	6 00	374	free.	434	free.
15	4 00	75		135		195		255		315	6 00	375	free.	435	free.
16		76	12 00	136		196		256	2 00	316	free.	376	free.	436	free.
17	50	77		137		197	1 00	257		317	3 00	377	free.	437	free.
18		78	12 00	138	free.	198		258	2 00	318	2 00	378	free.	438	free.
19		79	1 00	139	free.	199	2 00	259	3 00	319	free.	379	free.	439	35
20	1 00	80	1 00	140	75	200	25	260		320	free.	380	free.	440	50
21	1 00	81		141	1 50	201	50	261	free.	321	25	381	free.	441	1 50
22		82	1 50	142	3 00	202	3 50	262	3 00	322	6 00	382	free.	442	50
23	2 00	83	1 25	143	1 25	203		263		323		383	\$2 50	443	1 00
24		84	1 50	144	1 00	204	1 00	264		324	free.	384	free.	444	50
25	50	85	25	145	75	205	free.	265		325	free.	385	free.	445	free.
26		86		146	1 50	206	12 00	266	25	326	50	386	free.	446	free.
27	50	87	25	147		207	free.	267	1 00	327	75	387	free.	447	free.
28	1 00	88	1 00	148	free.	208	50	268		328	5 00	388	free.	448	free.
29		89	5 00	149		209		269		329		389	free.	449	free.
30		90	5 00	150		210	25	270	2 00	330		390	free.	450	free.
31		91		151	12 00	211	12 00	271		331	2 00	391	free.	451	free.
32		92	12 00	152		212	6 00	272	12 00	332	2 00	392	free.	452	free.
33	75	93		153		213	6 00	273	6 00	333	2 00	393	free.	453	free.
34	free.	94	50	154		214	1 00	274	6 00	334	25	394	free.	454	free.
35		95	6 00	155		215		275	50	335	free.	395	free.	455	free.
36	1 00	96	20 00	156	50	216	25	276	50	336	6 00	396	free.	456	free.
37		97	1 00	157		217		277	3 00	337	6 00	397	free.	457	free.
38		98	4 00	158		218		278	free.	338		398	free.	458	free.
39		99	12 00	159	1 00	219	2 00	279	25	339		399	free.	459	free.
40		100	50	160		220		280	1 00	340	12 00	400	free.	460	free.
41	1 00	101	free.	161	50	221	1 00	281	75	341	50	401	free.	461	free.
42		102		162	1 00	222	3 00	282	25	342	50	402	free.	462	free.
43		103	2 00	163	free.	223	1 00	283	25	343	free.	403	free.	463	50
44		104		164	50	224		284	12 00	344	free.	404	free.	464	free.
45		105	50	165		225		285	12 00	345	50	405	free.	465	free.
46		106	50	166		226	free.	286	50	346	12 00	406	free.	466	free.
47	50	107		167	1 00	227	25	287	2 00	347	free.	407		467	2 00
48		108	25	168	free.	228	50	288	50	348		408	free.	468	6 00
49	1 00	109		169	6 00	229	12 00	289	50	349	25	409	free.	469	free.
50	1 50	110		170	free.	230	25	290	free.	350	free.	410	free.	470	50
51		111	12 00	171		231		291		351		411	free.	471	free.
52	5 00	112	12 00	172		232	2 00	292	50	352	free.	412	50	472	free.
53	50	113	25	173	2 50	233	25	293	50	353	3 00	413	50	473	free.
54	50	114	1 25	174	2 00	234	free.	294	50	354	free.	414	15	474	free.
55		115	free.	175	1 00	235	free.	295	50	355		415	free.	475	6 00
56		116		176	free.	236	free.	296	50	356	50	416	6 00	476	
57	1 00	117	2 00	177	25	237	free.	297	50	357	2 50	417	free.	477	free.
58	5 00	118	1 00	178	free.	238	free.	298	50	358	1 00	418	free.	478	free.
59	25	119	1 00	179	3 00	239	2 00	299		359	free.	419	free.	479	75

LIST OF PUBLICATIONS  
OF THE  
SMITHSONIAN INSTITUTION.

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NOTE.—A to Q indicate early publications not embraced in the regular series.

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- A.** Journal of Proceedings of the Regents of the Smithsonian Institution, at the city of Washington, beginning on the first Monday of September, 1846. 1846. 8vo., pp. 32.
- B.** Report of the Organization Committee of the Smithsonian Institution, with the resolutions accompanying the same and adopted by the Board of Regents; also, the Will of the testator, the Act accepting the bequest, and the Act organizing the Institution. 1847. 8vo., pp. 32.
- C.** Digest of the Act of Congress establishing the Smithsonian Institution. August 10, 1846. 8vo., pp. 8.
- D.** Address delivered on occasion of laying the Corner Stone of the Smithsonian Institution, May 1, 1847. By GEORGE M. DALLAS, Chancellor of the Institution. 1847. 8vo., pp. 8.
- E.** Smithson's Bequest. Professor HENRY'S exposition before the New Jersey Historical Society, at its meeting in Princeton, on Wednesday, September 27. 1847. 8vo., pp. 8.
- F.** First Report of the Secretary of the Smithsonian Institution to the Board of Regents; giving a Programme of Organization, and an account of the operations during the year. Presented December 8, 1847. 1848. 8vo., pp. 48.
- G.** [First] Report from the Board of Regents, submitted to Congress, of the operations, expenditures, and condition of the Smithsonian Institution. Senate Doc. 211; 29th Congress, 2d Session. 1847. 8vo., pp. 38.
- H.** Second Report of the Board of Regents of the Smithsonian Institution, to the Senate and House of Representatives, showing the operations, expenditures, and condition of the Institution during the year 1847. 30th Congress, 1st Session. Senate Miscellaneous No. 23. 1848. 8vo., pp. 208.

**H.** Report for 1847—Continued.

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**I.** Third Annual Report of the Board of Regents of the Smithsonian Institution, for the year 1848. 30th Congress, 2d Session. H. R. Miscellaneous, No. 48. 1849. 8vo., pp. 64.

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**J.** Programme of organization of the Smithsonian Institution. Presented in the first annual report of the Secretary, and adopted by the Board of Regents, December 13, 1847. 1847. 4to., pp. 4.

**K.** Correspondence relative to the acceptance for publication of the ethnological memoir of Messrs. Squier and Davis. 1847. 8vo., pp. 8.

**L.** [First] Report of the Organization Committee of the Smithsonian Institution. Reprinted from the *National Intelligencer*, December 8, 1846. 8vo., pp. 8.

**M.** Reports, etc., of the Smithsonian Institution, exhibiting its plans, operations, and financial condition up to January 1, 1849. From the third annual report of the Board of Regents. Presented to Congress February 19, 1849. 1849. 8vo., pp. 72.

**N.** Officers and Regents of the Smithsonian Institution, with the act of Congress accepting the bequest, and the act incorporating said Institution. 1846. 8vo., pp. 14.

**O.** An Act to establish the Smithsonian Institution. Approved Aug. 10, 1846. pp. 8.

**P.** Hints on Public Architecture, containing, among other illustrations, views and plans of the Smithsonian Institution ; together with an appendix relative to building materials. Prepared on behalf of the Building Committee of the Smithsonian Institution, by ROBERT DALE OWEN, chairman of the committee. 1849. 4to., pp. 140, 99 woodcuts, 15 plates.

**Q.** Check list of periodical publications received in the reading-room of the Smithsonian Institution, for the year 1853. 1853. 4to., pp. 28.

## REGULAR SERIES.

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9. \* Occultations visible in the United States during the year 1849. By JOHN DOWNES. 1848. 4to., pp. 24.
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13. Contributions to the Physical Geography of the United States. Part I. On the physical geography of the Mississippi valley; with suggestions for the improvement of the navigation of the Ohio and,

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\* These three papers by Mr. Downes, Nos. 8, 9, 10, were not published in the series of Contributions.

- other rivers. By CHARLES ELLET, JR. 1850. 4to., pp. 64, 2 woodcuts, 1 plate. (S. C. II.)
14. A Memoir on *Mosasaurus*, and the three Allied New Genera, *Holcodus*, *Conosaurus*, and *Amphoroosteus*. By ROBERT W. GIBBES. November, 1850. 4to., pp. 14, 3 plates of 28 figures. (S. C. II.)
15. Aboriginal Monuments of the State of New York. Comprising the results of original surveys and explorations; with an illustrative appendix. By E. G. SQUIER. 1850. 4to., pp. 188, 79 woodcuts, 14 plates of 33 figures. (S. C. II.)
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18. Report on the History of the Discovery of Neptune. By BENJAMIN APTHORP GOULD, JR. 1850. 8vo., pp. 56.
19. Directions for Meteorological Observations, intended for the first class of observers. By ARNOLD GUYOT. 1850. 8vo., pp. 40, 9 woodcuts.
20. Microscopical Examination of Soundings, made by the United States Coast Survey off the Atlantic coast of the United States. By J. W. BAILEY. January, 1851. 4to., pp. 16 and 1 plate of 68 figures. (S. C. II.)
21. Fourth Annual Report of the Board of Regents of the Smithsonian Institution, for the year 1849. 31st Congress, 1st Session. Senate Miscellaneous No. 120, 8vo., pp. 64, with appendix of 207 pp. House of Representatives Miscellaneous No. 50. 1850. 8vo., pp. 272.

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23. Microscopical Observations made in South Carolina, Georgia, and Florida. By J. W. BAILEY. 1851. 4to., pp. 48, 3 plates of 83 figures. (S. C. II.)

24. Ephemeris of the Planet Neptune for the year 1852. By SEARS C. WALKER. 1853. 4to. pp. 10. (S. C. III.)
25. Notices of Public Libraries in the United States of America. By CHAS. C. JEWETT. Printed by order of Congress as an appendix to the Fourth Annual Report of the Board of Regents of the Smithsonian Institution. 1851. 8vo., pp. 210.
26. Smithsonian Contributions to Knowledge. Vol. II. 1851. 4to., pp. 572, 89 woodcuts, 2½ plates.

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42. Plantæ Wrightianæ Texano-Neo-Mexicanæ. By ASA GRAY. Part II. February, 1853. 4to., pp. 120, 4 plates of 39 figures. (S. C. v.)
43. Nereis Boreali-Americana; or, Contributions to a History of the Marine Algæ of North America. By W. H. HARVEY. Part II.—Rhodospermeæ. March, 1853. 4to., pp. 262, 24 plates, colored, of 64 figures. (S. C. v.)
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46. Plantæ Frémontianæ: or, Descriptions of Plants collected by J. C. Frémont in California. By JOHN TORREY. 1853. 4to., pp. 24, 10 plates of 89 figures. (S. C. vi.)
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49. Catalogue of North American Reptiles in the Museum of the Smithsonian Institution. By S. F. BAIRD and C. GIRARD. Part I.—Serpents. January, 1853. 8vo., pp. 188. (M. C. II.)
50. Synopsis of the Marine Invertebrata of Grand Manan: or the region about the mouth of the Bay of Fundy, New Brunswick. By WM. STIMPSON. March, 1853. 4to., pp. 68, 3 plates of 37 figures. (S. C. vi.)
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- 54.** Occultations of Planets and Stars by the Moon, during the year 1853. By JOHN DOWNES. 1853. 4to., pp. 36. (S. C. VI.)
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67. Eighth Annual Report of the Board of Regents of the Smithsonian Institution for the year 1853. 33d Congress, 1st Session, Senate Doc. No. 73, pp. 269. House of Representatives, Mis. Doc. No. 97. 1854. 8vo., pp. 310.\*

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\* This is the first of the series of annual reports published by Congress as a bound volume.

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- 69.** List of Domestic Institutions in correspondence with the Smithsonian  
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- 70.** The Antiquities of Wisconsin, as Surveyed and Described, by I. A.  
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**326.** Catalogue of the Collection to illustrate the Animal Resources and the Fisheries of the United States, exhibited at Philadelphia, in 1876, by the Smithsonian Institution and the United States Fish Commission, and forming a part of the United States National Museum. By G. BROWNE GOODE. 1879. 8vo., pp. 367. (M. C. XXIII.) *Bulletin of the National Museum, No. 14.*

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**330.** Smithson and his Bequest. By WILLIAM J. RHEES. 1880. 8vo., pp. 76, 9 plates. (M. C. XXI.)

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**331.** The Palenque Tablet, in the United States National Museum, Washington, D. C. By CHARLES RAU. 1879. 4to., pp. 90, 2 plates. (S. C. XXII.)

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