

The Treasurer made a statement as to the present condition of the debt due to the estate of Mr. Dunn.

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*Stated Meeting, August 21.*

Present, seventeen members.

Dr. CHAPMAN, President, in the Chair.

Letters were received and read:—

From the Royal Institute of Sciences, Belles Lettres, and Arts, of the Low Countries, dated March 30th, 1846, announcing a donation to the Library of the Society:—

From the Lyceum of Natural History, dated New York, August 3d, 1846, acknowledging the reception of Vol. IX. Part 2, of the Transactions of the Society:—

From the American Academy of Arts and Sciences, Boston, dated August 6th, 1846, stating that a copy of the Memoirs of the Academy, Vol. II., New Series, had that day been forwarded to the American Philosophical Society. (This volume had not been received, and a notice to that effect was forwarded by one of the Secretaries.)—

From Professor John Muller, of Berlin, dated May 20th, 1846, acknowledging his election as a member of this Society: and,—

From the Central Commission of Statistics of Belgium, dated Brussels, March 15, 1846, with a donation to the Society.

The following donations were announced:—

FOR THE LIBRARY.

Flora Batava, ou Figures et Descriptions de Plantes Beligiques. Par Jan Kops et J. E. van der Trappen. Nos. 133, 138, 139, 140, 141. 4to.—*From H. M. the King of the Netherlands.*

Nieuwe Verhandelingen der Eerste Klasse van het Koninklijk-Nederlandsche Instituut van Wetenschappen, Letterkunde en Schoone Kunsten et Amsterdam. Twaalfden Deels Tweede Stuk. Amsterdam, 1846. 4to.—*From the Royal Institute of the Netherlands.*

- Nadere Waarnemingen en Proeven over de Onlangs Geheerscht Hebbende Ziekte der Aardappelen, door G. Vrolik. Amsterdam, 1846. 8vo.—*From the same.*
- The Quarterly Journal of the Geological Society of London. Edited by the Vice Secretary. No. 6. May, 1846. 8vo.—*From the Society.*
- Report of the Fifteenth Meeting of the British Association for the Advancement of Science; held at Cambridge in June, 1845. London, 1846. 8vo.—*From the Association.*
- Journal Asiatique. Quatrième Série. Tome VII. No. 32. Mars, 1846. 8vo.—*From the Society.*
- Annales des Mines. Quatrième Série. Tome VIII. 5<sup>e</sup> et 6<sup>e</sup> Livraisons de 1845. 8vo.—*From the Engineers of Mines.*
- Statistique de la Belgique. Population. Mouvement de l'Etat civil pendant l'année 1844. Publié par le Ministre de l'Intérieur. Bruxelles, Novembre, 1845. Folio.—*From the Central Commission of Statistics.*
- Royaume de Belgique. Ministère de l'Intérieur. Bulletin de la Commission Centrale de Statistique. Deuxième partie du Tome II. Bruxelles, 1845. 4to.—*From the same.*
- Rapport au Ministre de l'Intérieur sur les Travaux de la Commission Centrale et des Commissions Provinciales de Statistique. Bruxelles, le 4 Février, 1846. 8vo.—*From the same.*
- Proceedings of the Boston Society of Natural History. July, 1846. 8vo.—*From the Society.*
- Proceedings of the Historical Society of Pennsylvania. Vol. I. June, 1846. No. 6. 8vo.—*From the Society.*
- The African Repository and Colonial Journal. Vol. XXII. August, 1846. No. 8. 8vo.—*From the American Colonization Society.*
- Journal of the Franklin Institute of the State of Pennsylvania. Third Series. Vol. XII. July and August, 1846. Nos. 1 and 2.—*From Dr. Patterson.*
- The Medical News and Library. Vol. IV. August, 1846. No. 44. 8vo.—*From Messrs. Lea & Blanchard.*
- Bibliographie Historique de la Statistique en Allemagne, avec une Introduction Générale. Par Xavier Heuschling. Manuel préparatoire à l'étude de la Statistique. Bruxelles, 1845. 8vo.—*From the Author.*
- Opinion of Horace Binney, Esq., upon the Right of the City Councils to subscribe for Stock in the Pennsylvania Rail-road Company. July, 1846. 8vo.—*From George W. Smith, Esq.*

Map of the Harbour of Annapolis. Founded upon a Trigonometrical Survey, under the Direction of A. D. Bache, Superintendent of the Survey of the Coast of the United States, &c. &c. &c.—*From the Treasury Department.*

Map of the Harbour of New Bedford. Founded upon a Trigonometrical Survey, under the Direction of A. D. Bache, Superintendent of the Survey of the Coast of the United States, &c. &c. &c.—*From the same.*

ADDITIONS TO THE LIBRARY BY PURCHASE.

Annales de Chimie et de Physique. Troisième Série. Juin, 1846. Tome XVII. 8vo.

Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Par MM. les Secrétaires Perpétuels. Tome XXII. Nos. 17 à 21. 27 Avril au 25 Mai, 1846. 4to.

Astronomische Nachrichten. Nos. 557, 558, 559. Title and Index to Vol. XXIII. 4to.

Mr. Ord announced the death of Mr. Samuel Humphreys, U. S. Naval Constructor, and a member of this Society. He died at Washington, D. C., on the 16th inst., at the age of 68. On motion of Mr. Ord, Mr. Lenthall was requested to prepare an obituary notice of the deceased.

Mr. Justice alluded to the manufacture of large disks of glass for optical purposes, by Mons. Bouthoware, of Paris, and remarked that he had seen one free from all imperfection. Glass for optical uses is now ground at New York, by Mr. Fitch.

Dr. Patterson inquired whether a companion star to Antares had been observed at the High School Observatory; and remarked that Prof. Mitchell, of Cincinnati, had discovered such a star, whose existence had not before been suspected. The same had been also observed by Lieut. Maury and Mr. Walker, at Washington; and while making the observation, Lieut. Maury had observed a second star: but from a communication from Mr. Walker, it seemed probable that this might be an optical illusion. Mr. Justice stated that large glasses were often the source of deception.

In continuing this conversation, Dr. Bache observed that Prof. Airy had found great difficulty in procuring glass for the

new observatory at Liverpool, adapted for astronomical purposes, and that he had been obliged to obtain it from Munich.

The British government had made, some years ago, large appropriations for the instituting experiments on glass intended for astronomical observations, but they had failed, though conducted by some of the most distinguished men of science.

The Treasurer informed the Society, that the debt due to the estate of Mr. Dunn, had been wholly liquidated.

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*Stated Meeting, September 18.*

Present, twenty-two members.

Dr. FRANKLIN BACHE, Vice-President, in the Chair.

The following donations were announced :—

FOR THE LIBRARY.

Proceedings of the Royal Society of London. June 17, 1841. No. 49. 8vo.—*From the Royal Society.*

Monthly Notices of the Royal Astronomical Society of London. Vol. VII. May 8, 1846. No. 7. 8vo.—*From the Society.*

Memoirs of the American Academy of Arts and Sciences. New Series. Vol. II. Cambridge, 1846. 4to.—*From the Academy.*

Proceedings of the Boston Society of Natural History. January, February, March, December, 1845. 8vo.—*From the Society.*

Summary of the Transactions of the College of Physicians of Philadelphia. From April to August, 1846, inclusive. No. 12. 8vo. *From the College.*

The African Repository and Colonial Journal. Vol. XXII. September, 1846. No. 9. 8vo.—*From the American Colonization Society.*

The Electrical Magazine. Conducted by Mr. Charles V. Walker. Vol. II. No. 13. July, 1846. 8vo.—*From the Editor.*

Astronomical Observations made at the Naval Observatory, Washington, under Orders of the Honourable Secretary of the Navy, dated Aug. 13, 1838. By Lieut. J. M. Gilliss, U. S. N. Printed by order of the Senate of the United States. Washington, 1846. 8vo.—*From the Author.*