

1796-1896.

# THE MEMORIALS OF EDWARD JENNER.

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Address delivered at the Centennial Celebration held at Atlanta, Ga.,  
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1796-1896.

## THE MEMORIALS OF EDWARD JENNER.

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Upon the one hundredth anniversary of Jenner's discovery, anything connected with him becomes of unusual interest. There exist a number of medals, statues, busts, paintings, engravings, lithographs and wood cuts, purporting to represent him as he appeared in life.

*Medals.*—It was my intention to present to the ASSOCIATION a list, with descriptions, not merely of the personal medals of Jenner, but of those illustrating the history of smallpox and the physicians who have written thereon; inoculation, and those identified with its employment; and vaccination, with those, including Drs. N. S. Davis and J. M. Toner, who have been prominent, since Jenner's day, in its development. Quite a number of them were shown by me to the ASSOCIATION at its Newport meeting in 1889. A portion of the medals relating to the subject have been given by Dr. Charles Louis Hippolyte Kluykens<sup>1</sup> of Ghent, and a larger number still by Medicinal Rath Dr. L. Pfeiffer and Hof Rath C. Ruland<sup>2</sup> of Weimar. The first of these gentlemen has now

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<sup>1</sup> Numismatique Jennérienne. This first appeared in the *Revue belge de numismatique* for 1875, vol. xxxi, page 55, and was privately reprinted.

<sup>2</sup> Dr. Pfeiffer, who has been a prolific writer upon smallpox and vaccination, has been the collector of these medals, and Mr. Ruland, the curator of the Goethe Museum at Weimar, has been their collator. Dr. P. first published in 1876 "Die auf die Entdeckung und Ausbreitung der Impfung geschlagenen Deukmünzen" (*Deutsche Zeitschrift für prakt. Med.*, Leipzig, 1876, pp. 516-524). There then appeared anonymously but evidently from the hand of Mr. Ruland, "Beschreibendes Verzeichniss Der zu Ehren William (sic) Jenner's und Aloysio Sacco's Sowie Auf Die Schutzpocken-Impfung und die Blatteru-Inoculation Geprägten Medaillen" (*Archiv für path. Anatomie*, Berlin, 1877, LXXII, pp. 1-14). This was privately reprinted. There then came, also anonymously, "Pestilentia in Nummis. | — | Beschreibendes Verzeichniss | der auf Epidemien von Pest, gelben Fieber, Cholera, auf Pocken—Erkrank-

deceased. His list of medals comprised twenty-nine, only of vaccination. To the others, Pfeiffer and Ruland, too much praise can not be given for their indefatigable labors. In their latest publication, 1882, they gave twelve medals of inoculation, and fifty-four of vaccination. That I have been able to materially add to these numbers, has been only through constant searching through several years, and a large amount of correspondence with numismatists. The list has been nearly finished, but ill health has prevented its completion, and indeed the hours of the present session have been so wisely parceled in advance that there would have been scant leisure for its consideration. I shall, therefore, now offer but a catalogue of the personal medals of Jenner alone.

## ENGLAND.

1. *Obverse.* Apollo presents a sailor who has been preserved by vaccination to Britannia, who holds a civic crown bearing: JENNER Legend: ALBA NAUTIS STELLA REFULSIT. 1801.

*Reverse.* An anchor. Above: GEORGIO TERTIO REGE. Below: SPENCER DUCE (Viscount Althorp, First Lord of the Admiralty and subsequently Earl Spencer.)

Gold.

Schlichtegroll, *Annalen der gesammten Numismatik*, I, p. 156; Rudolphi, *Recentioris Aevi Numismata de Rebus Medicis et Physicis Meritorum Memoriam Servantia*, Berlin, 1829 (3d edition), p. 81, No. 338; Kluyskens, *Des Hommes Célèbres dans les Sciences et les Arts, et des Médailles qui Consacrent leur Souvenir*, Ghent, 1859, II, p. 68, No. 1; *ibid.*, Numismatique Jennérienne, No. 1; Duisburg, C. A. Rudolphi, etc., *Denuo Edidit, Emendavit et Auxit C. L. D. D., Dantzig*, 1862, p. 230, DCIX, 1; Pfeiffer and Ruland, 1882, p. 139, No. 385;

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ungen und Inoculationen, auf Jenner, Sacco und die Vaccination, sowie der auf Hungersnöthe und andere Calamitäten geprägten Medaillen," Weimar, 1880; and finally, with the authors' names for the first time upon the title page, "Pestilentia in Nummis. | Geschichte | der Grossen Volkskrankheiten | in Numismatischen Documenten. | Ein Beitrag zur Geschichte der Medicin und der | Cultur." Tübingen, 1882.

[Since my paper was presented at the Atlanta meeting I have received still another and very interesting article upon the subject from Dr. Pfeiffer, entitled "Zur Jenner feier | des 14 Mai 1896 | Medaillen, Porträts und Abbildungen. | betreffend | E. Jenner, die Variolation, die Vaccination | und die Vaccine." | Tübingen, 1896. While it lacks a number of the memorials I had cited, it gives several that were new to me. These I shall enter, giving due credit for each with an asterisk.]

Baron, *Life of Edward Jenner*. London, 1838, II, p. 456; Storer, *Sanitarian*, March, 1889, No. 926; *ibid.*, *American Journal of Numismatics*, July, 1894, p. 14, No. 747. [Pfeiffer, 1896, p. 3, No. 385.]

Presented to Jenner by the surgeons of the British Navy. Its locality is now unknown. It is not, as Pfeiffer has supposed, a portrait medal of Jenner.

2. *Obverse*. Bust, clothed, to left. Upon truncation: [T.R.] POOLE 1809 No inscription.

*Reverse*. Blank.

Of pink wax upon colorless transparent glass; 82 mm. (length of bust).

Storer, *loc. cit.*, April, 1895, p. 128, No. 880. [Not given by Pfeiffer, 1896.]

In the Library of Royal Medical and Chirurgical Society of London. I know of it through Dr. F. P. Weber of that city.

A gold medal was presented to Jenner by the Medical Society of London, at its anniversary dinner, March 4, 1804. It bore either upon its rim or the casket that contained it: E. JENNER M.—D. SOCIO SUO EXIMIO OB VACCINATIONEM EXPLORATAM

*Biographie Médicale*, V, p. 574; Rudolphi, p. 81, No. 339; Kluyskens, II, p. 68, No. 2; *ibid.*, Num. Jenn., No. 2; Duisburg, p. 230, DCIX, 2; P. and R., p., 139, No. 386; Storer, *Sanitarian*, March, 1889, No. 927; *ibid.*, *Amer. Jour. of Num.*, July, 1894, p. 14, No. 748; Baron, *loc. cit.*

Though mentioned by all these writers, its true character has remained undecided until it was lately ascertained by Dr. F. P. Weber of London that it was the John Fothergill medal of the society (Storer, *Am. Jour. of Num.*, Oct., 1893, p. 35, and July, 1895, p. 6, No. 645). Its present locality is unknown. If the inscription were upon its casket it is possible that it is the specimen now in the British Museum, as but one or two of these medals were struck in gold. [Pfeiffer, 1896, p. 3, No. 386, describes its bust as that of Jenner. It was not so, however, but of Dr. John Fothergill.]

There exists a medallion engraving, with bust in profile to right, by J. B. Drayton, from life, and Anker Smith. Though drawn for the purpose of a gold medal it was never struck.

A centennial medal has just been issued at Bristol.

3. *Obverse*. Bust, to right. Beneath: Fenwick, Sc.F. Birm'm. Inscription: Edward Jenner, M.D. LL.D. F.R.S. &c. Born 17 May 1749. Died 26 Jan. 1823. Berkeley, Glosstersh.

*Reverse*. Within laurel wreath: May 14th, 1896. In commemoration of the centenary of Dr. Edward Jenner's First & Successful Experiment in Vaccination May 14th, 1796.

Silver. 38 mm.

Brettauer, *Mittheilungen des Clubs der Münz-und Medail-len Freunde in Wien*, May, 1896, p. 55.

A medal in honor of Jenner has also been determined upon by the Epidemiological Society of London.

## HOLLAND.

4. *Obverse*. An allegorical group.

*Reverse*. EDUARD JENNER, DOCTOR IN DE GENEESKUNDE GEBOREN DEN 17 MEY 1749 TE BERKLEY IN HET GRAAFSCHAP GLOCESTER IN ENGELAND EN ALDAAR OVERLEDEN DEN 26 JANUARIJ 1823. UITVINDER DER KOEPOKINENTING IN HET JAAR 1775. DOCH EERST IN 1798 DOOR HEM BEKEND GEMAAKT.

Copper. By A. Benme, at expense of H. Westhoff, Jr.

Dirks, *Nederlandsche Penningen*, 1889, I, p. 169, No. 210; Storer, *Am. Jour. of Num.*, July, 1894, p. 14, No. 749. [Not given by Pfeiffer, 1896.]

## BELGIUM.

5. *Obverse*. Bust, upon an oval shield, between two females holding over it a crown. Beneath, an elongated shield, upon which a cow, to right.

*Reverse*. Blank.

Plaster of Paris. 37 mm. Unique. By Charles Wiener of Brussels.

Alvin, *Revue belge de numismatique*, April, 1888, p. 243; Storer, *Sanitarian*, March, 1889, p. 935; *ibid.*, *Am. Jour. of Num.*, July, 1894, p. 15, No. 757. [Not given by Pfeiffer, 1896.]

Reference to Jenner is also made upon a medal of Dr. Vrancken of Antwerp.

## FRANCE.

6\*. *Obverse*. Bust. Beneath: BARRE. Inscription: NAPOLEON III. EMPEREUR.

*Reverse*. Bust of Jenner, facing. At sides, a cloaked and a nude female figure, with laurel wreath. Beneath, a cow. Inscription: EDWARD JENNER. Upon rim: COMITÉ DE VACCINE DE LA SEINE INF. By Hamel.

Silver. 41 mm.

Pfeiffer, 1896, p. 6, No. 415c.

7. *Obverse*. Bust, facing, within palm leaves. Inscription: EDWARD JENNER. To left: HAMEL ET LECOMPTE Beneath, 1749 (the date of Jenner's birth).

*Reverse*. Between laurel branches: MEDAILLE DE 1RE CLASSE. Inscription: COMITÉ CENTRAL DE VACCINE DU DEPARTMENT DU NORD.

Silver. 40 mm.

Kluyskens, *Num. Jenn.*, No. 9; Pfeiffer and Ruland, p. 145, No. 416; Storer, *Sanitarian*, March, 1889, No. 933; *ibid.*, *Am. Jour. of Num.*, July, 1894, p. 15, No. 755. [Pfeiffer, 1896, p. 7, No. 416.]

8. *Obverse*. As preceding, but bust somewhat toward left, and on pedestal, upon base of which the date.

*Reverse*. A laurel wreath, beneath which: MEDAILLE DE 2E CLASSE. Field vacant for name of recipient.

Silver. 36 mm.

Pfeiffer and Ruland, p. 146, No. 417, fig. of obv.; Storer, *Sanitarian*, March, 1889, No. 934; *ibid.*, *Am. Jour. of Num.*, July, 1894, p. 15, No. 756. [Pfeiffer, 1896, p. 7, No. 417.]

In the collection of Dr. Joseph Brettauer of Trieste.

9\*. *Obverse*. As preceding.

*Reverse*. Merely the wreath.

Silver. 36 mm.

Pfeiffer, 1896, p. 7, No 417 a.

GERMANY.

10. *Obverse*. Beneath a rose bush and a cornucopia, an infant with rose in its hand points to its arm. At right of bush: L (oos) Inscription: EDUARD JENNER'S WOHLTHÄTIGE ENTDECKUNG Exergue: VOM 14 MAI | 1796

*Reverse*. ZUM | ANDENKEN | AN | ERHALTENEN | UND | MITGETHEILTEN | SCHUTZ | (a scroll) | GEREICHT VOM | DOCTOR (EDUARD) BREMER | IN BERLIN | 1803

Silver. 25 mm.

Rudolphi, p. 82, No. 340; Kluyskens, II, p. 68, No. 3; *ibid.*, Num. Jenn., No. 5; Duisburg, p. 230, DCIX, 3; P. and R., p. 141, No. 393; Baron, *loc. cit.*; Storer, *Sanitarian*, March, 1889, No. 928; *ibid.*, *Am. Jour. of Num.*, July, 1894, p. 14, No. 750. [Pfeiffer, 1896, p. 4, No. 393.]

In the Brettauer collection, that of the U. S. Army Medical Museum and my own.

11. *Obverse*. As preceding.

*Reverse*. As preceding, save that after SCHUTZ there is: — —, and after BERLIN: 1811— | 8 L. 6 GR.

Silver. 25 mm.

Rudolphi, p. 82, No. 340; Kluyskens, Num. Jenn., No. 6; Duisburg, p. 230, DCIX, 3, note: Bremer, *Die Kuhpocken*, Berlin, fig.; P. and R., p. 142, No. 394; Storer, *Sanitarian*, March, 1889, No. 929; *ibid.*, *Am. Jour. of Num.*, July, 1894, p. 14, No. 751. [Pfeiffer, 1896, p. 4, No. 394.]

In the Brettauer collection and my own.

12. *Obverse*. Bust, to left. Beneath shoulder: F. LOOS Inscription: EDUARD JENNER ENTDECKER DER SCHUTZIMPfung D. 14 MAI 1796

*Reverse*. An angel from clouds, garlanding a cow, around which seven children are dancing. Legend: EHRE SEY GOTT— IN DER HÖHE Exergue: UND FREUDE | AUF ERDEN

Silver, bronze, Berlin iron. 36 mm. Thick and thin planchets.

Rudolphi, p. 82, No. 341; Kluyskens, II, p. 69, No. 4, fig.; *ibid.*, Num. Jenn., No. 7; Duisburg, p. 231, DCIX, 6; P. and R., p. 139, No. 387, fig.; Wroth, *Numismatic Chronicle*, 3d series, VI, 1886, p. 303; Storer, *Sanitarian*, March, 1889, No. 930; *ibid.*, *Am. Jour. of Num.*, July, 1894, p. 14, No. 752; Weber, *English Medals by Foreign Artists*, p. 50, No. 161. [Pfeiffer, 1896, p. 3, No. 387.]

In the Brettauer and U. S. Government collections, those of Prof. S. Oettinger of New York, Dr. W. S. Disbrow of Newark, N. J., and my own.

13. *Obverse*. As preceding, save that engraver's name is in exergue.

*Reverse*. Hygieia, with serpent upon her right arm, protects, by a shield bearing a cow, an infant against a flying demon. Legend: TRIUMPH! GETILGET IST DES SCHEUSALS  
LANGE WUTH

Silver, bronze, Berlin iron. 28 mm. With and without loop.

Rudolphi, p. 82, No. 342; Kluyskens, II, p. 69, No. 5; *ibid.*, Num. Jenn., No. 13; Duisburg, p. 231, DCIX, 7; P. and R., p. 140, No. 388; Wroth, *Num. Chronicle*, 3d series, VI, 1886, p. 302; Storer, *Sanitarian*, March, 1889, No. 931; *ibid.*, *Am. Jour. of Num.*, July 1894, p. 15, No. 753; Weber, *loc. cit.* [Pfeiffer, 1896, p. 3, No. 388.]

In the Brettauer and U. S. Government collections and my own.

14. *Obverse*. A child, between a rose tree and the rising sun, exhibits its arm; at its feet a serpent. Legend: DANK DER GUTIGEN VORSEHUNG. Exergue: KRÜGER.

*Reverse*. Within a pearled octagon: WOHL | THATIGE | ENTDECKUNG | DER | SCHUTZPOCKEN | DURCH | ED: JENNER.

Silver. 30 mm.

Kluyskens, Num. Jenn., No. 8; Duisburg, p. 231, DCIX, 8; P. and R., p. 142, No. 397; Storer, *Sanitarian*, March, 1889, No. 932; *ibid.*, *Am. Jour. of Num.* July, 1894, p. 15, No. 754. [Pfeiffer, 1896, p. 4, No. 397.]

In the Brettauer collection.

15. A centennial medal is said to have been issued at Berlin, of which the details have not yet reached me.

#### RUSSIA.

16. There has also been a centennial medal struck at St. Petersburg, but its description has not been received.

#### ITALY.

Jenner's name appears upon the two medals of Dr. Sacco of Milan.

#### THE UNITED STATES.

A week after the meeting at Atlanta, the following medal was issued by the Medical Society of the County of Kings (Brooklyn, N. Y.), to commemorate its own very successful Jenner celebration. It is to be regretted that, through inadvertence, the locality of the society was omitted from the medal.

17. *Obverse*. Bust, with queue, to left. Inscription: VACCINATION, MAY 14TH | 1796—1896 | .JENNER.

*Reverse*. Within a circle, the staff of Æsculapius, upright. Inscription: MEDICAL SOCIETY OF THE COUNTY OF KINGS | (Pointed rosette.) (This is a copy of the society's seal.)

Silver (but four struck), bronze. 38 mm.



*Scientific American*, May 30, 1896, p. 344, fig. of obverse.  
In my collection, the gift of the Society.

PAINTINGS.<sup>3</sup>

I. Standing, facing and slightly to the left, leaning against tree; right arm upon branch, with hat, glove and cane in dependent left hand. Milkmaid with four cows and buildings at left.

\* Drawn from life. J. R. Smith, 1801. [Pfeiffer, 1896, p. 18.; not B. M. J.]

II. Three-quarter's length, in coat lined with fur, to right, seated at table upon which his work, "An Inquiry, etc." showing diagram of pustules, lies open. In background, figure of Hygieia and cast entitled "Sacred Cow."

By James Northcote, R. A. (For the Medical Society of Plymouth and Plymouth Dock.) [Pfeiffer, 1882; not mentioned by him in 1896; B. M. J.]

III. Older. Facing, with left forefinger upon brow.

Northcote. This is preserved in the National Portrait Gallery at London.<sup>4</sup> [P., 1896; not B. M. J.]

IV. In easy chair. Bust turned to left, but looking forward, and showing portion of right hand.

Sir Thomas Lawrence, Pres't R. A. Owned by Royal College of Physicians. [P., 1896; B. M. J.]

V. Seated. Facing, and to left. At side, MS. with ink-stand and pen. In background, reclining cow and buildings, at left.

J. Robinson.<sup>5</sup> [Not P., 1896; B. M. J.]

VI. Bust, to right; medallion.

Drawn from life by L. B. Drayton. [Not P., 1896; B. M. J.]

VII. Three-quarters length, in arm chair, with fur-collared robe. Left elbow resting on volume lettered at back: JOHN HUNTER.

Wm. Hobday. [Not P., 1896; B. M. J.]

VIII.† Aged, three-quarters length, seated, facing and slightly to left, with right arm resting on that of chair.

By Sir Thomas Lawrence. Owned by Mr. T. Malcolm Watson. [Not P., 1896.]

IX.† Artist unknown. At Royal College of Surgeons of England. [Not P., 1896.]

X.† There is said to exist an original portrait in the possession

<sup>3</sup> While this paper is in press a list of Jenner memorials has appeared in the *British Medical Journal* for May 23. I gladly take the opportunity to add the few that had escaped me, distinguishing them by a cross, and also indicating by initials the others which were there mentioned. I also add four references to the *Revue Scientifique* for June.

<sup>4</sup> A copy of this in oil was at the Bristol (Eng'd) Industrial and Fine Arts Exhibition in 1893, examination of the catalogue of which, comprising the Mockler collection of Jenner relics, I owe to Dr. Joseph H. Hunt of Brooklyn, N. Y.

<sup>5</sup> A miniature of the above, on ivory, possibly the original, was at the Bristol Exhibition.

of Mr. William Smith of Chesterfield, a photograph of which is in the collection of the Royal Medico-Chirurgical Society. I have not as yet been able to identify this.

### STATUES.

I. Marble statue, at west end of nave of Gloucester Cathedral, near his birth place. Erected in 1826.

By Siévier. [P., 1896; B. M. J.]

II. Bronze statue, in London. Erected in 1858 at Trafalgar Square, and thence transferred in 1862 to Kensington Gardens. In gown, face resting upon left hand, and right holding a scroll; seated in antique chair, upon whose side the staff of Æsculapius.

By W. C. Marshall. [P., 1896; B. M. J.]

III. Statue at Boulogne-sur-Mer. In standing position, left hand upon a pillar, and right flexed forward with lancet. Upon base: JENNER. Upon pedestal: A | EDUARD JENNER. | LA | FRANCE RECONNAISSANTE | 11 SEPTEMBRE 1865.

By Eugène Paul. [P., 1896; not B. M. J.]

IV. Marble statuette, with rounded pedestal. Seated, and vaccinating a nude child, upon his knee.

By Giulio Monteverde. Exhibited at the Paris Exhibition of 1878. [P., 1896; B. M. J.]

### BUSTS.

I. Looking to left and upward, draped, rounded and on rounded pedestal.

By C. Manning. [P., 1896; B. M. J.]

II. Looking forward and to right. Nude, squared, without pedestal.

[Not P., 1896; or B. M. J.]

III. At Brünn, Moravia. Within a temple dedicated to Jenner. Upon its pedestal: DIVO ANGLO | EDUARDO JENNER, | LXV. | AETATIS EJUS ANNO | VACCINATA BRUNENSIS | MDCCCXIV. (Baron, *Life of Jenner*, II, p. 214.) [Not P., 1896; B. M. J., which wrongly calls it a statue.]

IV. By Fujite Bunzo. Exhibited at the Centennial Vaccination Festival at Tokio, Japan.

### ENGRAVINGS.<sup>6</sup>

I. From painting No. I:

a. With the milkmaid and four cows.

1. J. R. Smith, 1801. [P., 1896; B. M. J.]

<sup>6</sup> I am under the greatest obligations to Deputy Surgeon-General D. L. Huntington, U. S. A., Curator of the Army Medical Museum and Library, who, upon my request for information concerning several of the engravings of Jenner in his care, most generously sent to me at Newport for inspection the whole collection, over thirty in number. Dr. Joseph H. Hunt of Brooklyn, N. Y., with equal courtesy, forwarded to me for examination as many more, all different from the preceding, from his own magnificent collection. I have thus been able to perfect the list to an extent that would otherwise have been impossible.

2. Engraved by R. Page. No other inscription. Rectangular, 95x125 millimetres. In the J. H. Hunt collection. [Not P., 1896, or B. M. J.]

b. As preceding, but showing only a portion of hat and glove, and with but two cows and milkmaid.

3. D'Argent Sc., Edward Jenner (in script), M.D. F.R.S. Rect., 73x98 mm. At library of Surgeon-General's office. [P., 1896; not B. M. J.]

4. As preceding, but anonym. and without title. Rect., 73x98 mm. S. G. O.; N. Y. Academy of Medicine. [P., 1896; not B. M. J.]

c. As preceding, but not showing hat or glove, cows or milkmaid.

5. J. R. Smith pinxt., Londini—Dav. Weis sculps. Viennae | Dr. Jenner (in German script) | Zu finden in Wien bey Phil. Jos. Schalbacher. Oval, 98x120 mm. S. G. O.; J. H. H. [P., 1896; not B. M. J.]

d. As preceding, but less shown of left arm and waist.

6. Engraved by E. Scriven :- | JENNER | From a print engraved and coloured by J. R. Smith, in the possession of the late John Ring, Esqr. Under the superintendence of the Society for the Diffusion of Useful Knowledge. London. Published by Charles Knight, Ludgate Street. (The Gallery of Portraits; with Memoirs, London, 1836.) Rect., 100x125 mm. S. G. O.; J. H. H., and Redwood Library, Newport. [Not P. 1896, or B. M. J.]

7. J. R. SMITH pinxt E. SCRIVEN, Sct | EDWARD JENNER. M.D. | WILLIAM MACKENZIE, GLASGOW, EDINBURGH, LONDON & NEW YORK. Rect., 105x130 mm. J. H. H. [Not P., 1896, or B. M. J.]

8. Mackenzie Sc. (in centre), Edward Jenner, M.D., F R S., &c. (in script). | Pub. July 1, 1802, by T. Hurst, Paternoster Row. Rect., 72x98 mm. J. H. H. [P., 1882, not 1896; not B. M. J.]

9. Mackenzie Sc. (in centre) | EDWARD JENNER M D., F R S., &c. | Pub. Aug. 1, 1802, by T. Hurst, Paternoster Row. Oval, 83x102 mm. J. H. H. [Not P., 1896, or B. M. J.]

10. Mackenzie Sc. (to right) Edward Jenner (in script) M.D. F.R.S. Rect., 74x100 mm. J. H. H. [Not P., 1896, or B.M.J.]

11. P. Anderloni. [P., 1896; not B. M. J.]

12. R. Page, 1823. [P. 1882, not 1896; B. M. J.]

13. Engraved by G. Stodart. | JENNER. | Published by J. Mason, 14, City Road, & 66, Paternoster Row. Rect., 70x90 mm. J. H. H. [Not P., 1896, or B. M. J.]

II. From bust alone of Painting I.

14. Smith pinxt.; Rahl Sct. Dr. Jenner (in script). Oval, 65x74 mm. S. G. O. [P., 1896; not B. M. J.]

15. H. Lips sculp. | EDUARD IENNER, M.D. | Entdecker der Schutzblattern (in script, and both upon an oblong label). Oval, in rect. setting, 165x125 mm. S. G. O.; J. H. H. [P., 1896; not B. M. J.]

16. As preceding, but merely EDUARD IENNER, M.D., Ent-

deker der Schuzblattern (in script, and both upon an oblong label). Oval, in rect. setting, 165x125 mm. (*Scientific American*, May 30, 1896.) J. H. H. [Not P., 1896, or B. M. J.]

17. Jacquemot sc. | Jenner (in script). | durch Kunst-Verlag, W. Creuzbauer in Carlsruhe. Open, 78x75 mm. S. G. O.; J. H. H. [P., 1896; not B. M. J.]

18. As preceding, J. M. Fontaine | JENNER. Open, 78x75 mm. S. G. O.; J. H. H. [P., 1896; not B. M. J.]

19. As preceding, but head more elongated. Dessiné et Gravé par Ambroise Tardieu | EDUARDS (*sic*) JENNER. Open, 80x80 mm. S. G. O. [P., 1896; not B. M. J.]

20. J. R. Smith pinx. J. Hopwood sculp. | EDWARD JENNER, M.D. | Publish'd June 4. 1803 by W. Bent, London. Oval 73x90 mm. J. H. H. [P., 1882, not 1896, or B. M. J.]

21. EDWARD JENNER, M.D. | Painted by J. R. Smith—Engraved by Joseph Jenkins. | Published by James Robins & Co. Ivy Lane, London, Sep. 1. 1828. Open, 80x95 mm. J. H. H. [Not P., 1896; or B. M. J.]

III. From Painting I, but reversed.

a. Bust to right, with left arm on bough, and merely hat and glove in right hand; the hat shows two-thirds; milkmaid and but two cows, at right.

22. est. von Hoppe Leipzig 1804 | Dr: Edward Jenner; | Wohlthäter der Menschheit durch Erfindung | der Schutzpocken (all in script). Oval, 120x145 mm. S. G. O. [P., 1896; not B. M. J.]

b. As preceding, but body is shorter and but small portion of hat seen.

23. Anonym. Edward Jenner, M.D. F R S &c. (in script) Engraved for the Hib. Mag. (1802.) Rect., 70x98 mm. J. H. H.; H. R. S. [Not P., 1896; or B. M. J.]

IV. From bust alone of Painting I, but reversed, to right.

24. J. R. Smith pinx. London | EDWARD JENNER, M.D. | Erfinder der Schutzpocken (in script) | —\*— | Zugeeignet dem eifrigen Beförderer dieses grossen | Wohlthat | für die Menschheit, seinem Freund (in script) Dr. Eichhorn | von Christoph Wilh. Bock sen. (in script.) Oval, 72x90 mm. S. G. O. [P., 1896; not B. J. M.]

25. Anonym. Oval, 55x65 mm. (Knight, Popular History of England, VII, opposite p. 475.) J. H. H. [Not P., 1896; not B. M. J.]

26. C. Böhme sc. | DR. EDWARD JENNER. Above, z. f. d. J.—No. 8 (in script). Oval, 75x93 mm. J. H. H. [P., 1896; but wrongly classed as lith.; not B. M. J.]

V. Seated upon a bank in top boots, to right and facing; left arm upon tree with its closed hand against temple, while right holds a scroll; behind, at left, two cows.

27. Bosio dis. F. Testadura inc. | Edoardo Jenner (in script). Rect., 115x168 mm. J. H. H. [Not P., 1896, or B. M. J.]

VI. From Painting II.

28. W. Say. Published January, 1803, by W. Say, No. 5 Quicksett Row, New Road, opposite Fitzroy Square, London, 270x275 mm.<sup>7</sup> [Not P., 1896; B. M. J.]

29. Anonym. [P., 1882, not 1896, or B. M. J.]

30. J. Northcote, Esqr., R.A.—Edw'd Finden | EDWARD JENNER, M.D. F.R.S., &c. &c. | Published by John Murray, Albemarle Street, 1830. Rect., 62x60 mm. (Lives of British Physicians, 1830.) S. G. O.; J. H. H.; H. R. S. [Not P., 1896; B. M. J.]

#### VIII. From Painting III.

31. European Magazine (in script), (xcvi, 1804, p. 163.) Engraved by Ridley from an original Painting by Northcote. | EDWARD JENNER M.D. | Published by J. Asperna at the Bible, Crown and Constitution Cornhill 1 Oct 1804. Oval, 78x98 mm. J. H. H.; N. Y. Acad. of Med.; H. R. S. [P., 1896; B. M. J.]

32. Anonym. [P., 1882; not 1896, or B. M. J.]

See also the end of this list.

#### IX. From Painting IV.

33. Sir T. Lawrence, P.R.A.—W. H. Mote | Edw. Jenner (in facsimile script), M.D.—F.R.S. | FISHER, SON & CO. LONDON & PARIS. 1838 (Frontispiece to Vol. 1, Baron's Life of Jenner; Pettigrew, Medical Portrait Gallery, II.) Rect., 100x112 mm. J. H. H.; N. Y. Acad. of Med. [P., 1896; B. M. J.]

#### X. From Painting V.

34. J. Robinson pinxit.—R. M. Meadows sculp. | Edward Jenner (in script) M.D. | Published by M. Thomas. for the Analectic Magazine. 1817. Rect., 85x110 mm. S. G. O.; J. H. H.; H. R. S. [Not P., 1896; or B. M. J.]

35. As preceding, but without the Published, etc. Rect., 85x110 mm. J. H. H. [Not P., 1896; B. M. J.]

#### XI. From Painting VI.

36. L. B. Drayton, ad. viv. del.—Anker Smith A.R.A., sculp. | EDWD. JENNER, M.D. L.L.D. F.R.S. &c. Circular, 47 mm. S. G. O. [P., 1882, not 1896, or B. M. J.]

37.† As preceding. Published February 1st, 1823, by J. B. Drayton, Cheltenham, Gloucestershire. [Not. P., 1896.]

#### XII. From Painting VII.

38. Wm. Skelton, "begun by the late William Sharp." Dedicated to the King, George IV by permission. Engraved from the Original, in the possession of Edward Davies. London: Published by R. Ackerman, 101 Strand, January 2d. 1826. 325x425 mm.<sup>8</sup> [Not P., 1896; B. M. J.]

XIII. Profile bust to left, seated, and with queue, arms folded.

39. Anonym. DR. JENNER within scrolls; above at left, Ms C L (Meyer's Conversations Lexicon) No. 1730. Rect., 84x96 mm. S. G. O. [P., 1896; not B. M. J.]

<sup>7</sup> At the Bristol Exhibition.

<sup>8</sup> At the Bristol Exhibition.

40. As preceding. DR. JENNER | EIGENTHUM & VERLAG DES BIBL. INSTITUTS IN HILBURGHAUSEN ABOVE, WALHALLA—No. 38. Rect., 80x96. J. H. H. [P., 1896; not B. M. J.]

XIV. Shortened bust of preceding.

41. W. Read sc. | Dr. Jenner (in script). Open, 40x50 mm. (Profess. Anecd. or Ana of Med. Lit., London, 1825, 11, p. 74.) J. H. H.; H. R. S. [Not P., 1896, or B. M. J.]

XV. Silhouette bust, to left, with queue.

42. Anonym. Dr. Jenner (in script). (Frontispiece to Vol. 11, Lettson, "Hints Designed to Promote Beneficence, Temperance and Med. Science," London, 1801 and 1816.) J. H. H.; Redwood Library. [Not P., 1896; B. M. J.]

43. As preceding. E. Jenner M.D., F.R.S., &c. (in script.) J. H. H. [Not P., 1896, or B. M. J.]

XVI. Aged bust, facing.

44. W. Read sc. | EDWARD JENNER, M.D. Open, 65x55 mm. S. G. O.; J. H. H. [Not P., 1896, or B. M. J.]

XVII. Bust facing, coat thrown open, shoulders truncated obliquely.

45. Anonym. EDWARD JENNER M.D. Open, 43x42 mm. J. H. H. [Not P., 1896, or B. M. J.]

XVIII. Erect, facing and slightly to left, with right arm resting upon pedestal of a pillar.

46. Anonym. DR. JENNER. | The Discoverer of Cow Pock Inoculation (in script). Published by J. Robins & Co. Ivy Lane, Paternoster Row, March 22. 1823. Open, 100x100 mm. J. H. H.; H. R. S. [Not P., 1896; or B. M. J.]

47. Anonym. JENNER. Rect., 53x40 mm. J. H. H. [Not P., 1896, or B. M. J.]

XIX. With cocked hat. (?)<sup>9</sup>

48†. Hicks sc. Published by Henry Fisher. Caxton. London: March 1st, 1823. [Not P., 1896.]

XX.

49†. By Branwhite. Bust. In Medley's group of the Founders of the Medical Society of London. Not originally upon the plate, but subsequently introduced. I am not as yet certain as to its exact place in this list. [Not P., 1896.]

XXI.

50†. J. Hazlitt jun. C. Turner, sculptor. London: Published October 20th, 1808, by J. Hazlitt, No. 109, Great Russell Street, Bloomsbury. I am also uncertain as to the exact classification of this. [Not P., 1896.]

XXII.

51†. Head, on large scale. H. E. Shrapnell. I am not sure as to its allotment. [Not P., 1896.]

XXIII. From Statue II (London). Front and to right.

52. Engraved by J. Moore, from a Daguerreotype by Beard.

<sup>9</sup> That this is of Jenner is denied by Dr. Hunt, who points out that it seems identical with that of Dr. Sims of London, in Medley's group of the Founders of the Medical Society of that city.

| DR. JENNER. Rect., 95x120 mm. S. G. O. ; J. H. H. [P., 1896 ; not B. M. J.]

XXIV. From Statue II, left side.

53. JENNER. | ENGRAVED BY J. BROWN FROM THE STATUE BY W. C. MARSHALL, R.A. Open, 130x165 mm. J. H. H. [Not P., 1896 ; B. M. J.]

XXV. From bust of Statue I (Gloucester). Looking to right and slightly downward ; draped, squared and on mounted pedestal.

54. \*Anonym. [P., 1896 ; not B. M. J.]

XXVI. From Bust I.

55. EDWARD JENNER, M.D. L.L.D. F.R.S. | Engraved by J. Dadley from a Bust by C. Manning [Esq.] (in script.) Open, 65x110 mm. S. G. O. ; J. H. H. [P. 1896 ; not B. M. J.]

XXVII. From Bust IV. Japanese.

56. (Sei-i-Kwai Medical Journal, Tokio.)

XXVIII. There exists also an engraved portrait, of 1801, with this inscription in Spanish :

57. Edward Jenner, English physician, to whom the world is indebted for the discovery of vaccina, the wonderful and only preservative from the smallpox. It is prefixed to the dissertation upon cowpox published by the Royal Academy of Medicine. (Baron : Life, etc., I., p. 604.) [Not P., 1896, or B. M. J.]

In addition, there is an engraving of a cow with star above shoulder and crescent upon side. R. Reeve sc. Above ; Sacred Cow. Circular. S. G. O. ; J. H. H. I do not number it. It alludes to the cast represented upon Painting II, and refers to the "Sacred Cow of India," represented upon a medal of Dr. Guillaume Demanet of Ghent. [P. and R., 1882, p. 421.]

One of Northcote's paintings, II or III, is reproduced in the *Practitioner* for May, 1896.

#### LITHOGRAPHS.

I. From bust of painting I.

1. Th. Hosemann. [P., 1882 ; not 1896, or B. M. J.]

2. Anonym. Lith. de Gregorie et Deneux, à Paris. | E. JENNER. Open, 195x190 mm. (Médecins et Chirurgiens célèbres. Paris, 1842.) J. H. H. [Not P., 1896, or B. M. J.]

3. Anonym. Lith. rue Salle au—Comte, 10. | E. JENNER. Open, 200x190 mm. S. G. O. [Not P., 1896, or B. M. J.]

4. As preceding. E. JENNER. | Vigneron del.—Lith. de Engelmann. Open, 200x190 mm. S. G. O. [P., 1896 ; B. M. J.]

5. \*As preceding. Engelmann. [P., 1896 ; not B. M. J.]

6. †As preceding. Lithographed by C. de Lasteyrie, 1824. (Asclepiad, VI, p. 250.) [Not P., 1896.]

7. \*As preceding. Villani. [P., 1896 ; not B. M. J.]

8. As preceding. Steandrrij van H. J. Backer, Dorcht.

| Edw'd Jenner (in fac-simile script). Open, 98x100 mm. S. G. O. [P., 1896; not B. M. J.]

9. E. JENNER, M.D., F.R.S. &c. | Hart & Mapother, lith. Louisville, Ky. Open, 100x110 mm. S. G. O.; J. H. H. [Not P., 1896, or B. M. J.]

10. Anonym. DR. EDWARD JENNER. | BORN 1749. DIED 1823. | AT BERKELEY, ENG., | &c. &c. Dr. H. M. Alexander & Co., &c. Open, 40x40 mm. J. H. H. [Not P., 1896, or B. M. J.]

11. Anonym. Dr. Edw. Jenner (in script). 1749-1823. within cartouche, over palm leaves; Dr. H. M. Alexander & Co., &c., 30x40 mm. J. H. H. [Not P., 1896, or B. M. J.]

12. Anonym. JENNER. (Dr. H. M. Alexander & Co., Columbian Exposition.) Circular. Colored, 30x30 mm. J. H. H. [Not P., 1896, or B. M. J.]

II. From bust of painting I, but reversed, to right, and with smooth instead of wavy hair.

13. Lagrand (in script)—Lith. de Ducarme. | E. JENNER, Médecin Anglais, | 1er Observateur de la Vaccine, né en 1749, mort en 1823 (in script). Galerie Universelle—Publiée par Blaisot. | Place Vendôme, No. 24, | No. 353. Open, 150x135 mm. S. G. O. [Not P., 1896, or B. M. J.]

III. From bust of painting I, but reversed, to right, with left arm dependent, and right extending a MS. volume, upon cover of which a cow.

14. Leon Noel (in script)—Lith., de Frey | EDOUARD JENNER. Open, 100x170 mm. S. G. O.; J. H. H. [P., 1896; not B. M. J.]

IV. From engraving XIII.

15. Anonym. Dr. Jenner (in script). | Published by R. Phillips, No. 71, St. Paul's Churchyard, London. Open, 42x45 mm. J. H. H. [Not P., 1896, or B. M. J.]

16. Anonym. EDWARD JENNER, M.D., LL.D., F.R.S., ETC., ETC. Open, 45x50 mm. (*Brooklyn Med. Jour.*, December, 1891.) J. H. H., H.R.S. [Not P., 1896, or B. M. J.]

17. As preceding. DR. JENNER. Open, 45x50 mm. (*Ibid.* April, 1896.) J. H. H.; H. R. S. [Not P., 1896, or B. M. J.]

18. As preceding. At sides: 1796-1896. (Jenner Centennial Festival, Med. Society of County of Kings, Brooklyn, N. Y.) Open, 45x50 mm. J. H. H.; H. R. S. [Not P., 1896, or B. M. J.]

V. From bust of Statue I (Gloucester).

19. EDWARD JENNER. M.D. | L.L.D. F.R.S., &c. &c. | Drawn from the bust by H. CORBOULD, and on stone by R. J. LANE. | Printed by C. Hullmandel. | Published March, 1827. by Henry Colburn, London. Open, 80x120 mm. (Frontispiece to Vol. II, Baron's Life.) S. G. O.; J. H. H. (P., 1896., B. M. J.)

20. As preceding. EDWARD JENNER. M.D. | L.L.D. F.R.S. &c. &c. Open, 95x140 mm. J. H. H. [Not P., 1896, or B. M. J.]

21. Anonym. (Variola and Vaccina. N. E. Vaccine Co.) J. H. H. [Not P., 1896, or B. M. J.]

VI. From Bust I.



22. M. Gauci, 1823. Published by N. Chater and Co., 33 Fleet Street, London, & Washbourn & Sons Gloucester, August 10th, 1823. 225x300 mm. J. H. H. [P., 1882; not 1896; B. M. J.]

23. MÉTHODE DE DESSIN | PAR VIGNERON.—Pl. 49. | Edwd. Jenner | Inventeur de la Vaccine. | — | d'après une Gravure Anglaise (engraving No. 55 of this list). | Paris, Mon. Basset, 33, rue de Seine. Lith. de Thierry frères, Paris. Open, 294x420 mm. S. G. O. [Not P., 1896, or B. M. J.]

VII. From Bust II.

24. Anonym. Jenner (in script). Open, 68x95 mm. S. G. O. [Not P., 1896; or B. M. J.]

### WOODCUTS.

I. From bust of Painting I.

1. Anonym. Edward Jenner, born May 1749, died February, 1823. (From an illustrated paper.) Open, 100x130 mm. J. H. H. [Not P., 1896, or B. M. J.]

2. Anonym. (Russell, History and Heroes of Art of Medicine, London, 1861.) 60x65 mm. J. H. H. [Not P., 1896, or B. M. J.]

II. From bust of Painting I, but with a cow beneath.

3. LES MÉDECINS ET LES ADMINISTRATIONS RECONNAISSANTS. | MONUMENT | À | JENNER. | W. BROWN DEL. & Sc. Rect., with upper corners rounded; 195x245 mm. S. G. O. [Not P., 1896; or B. M. J.]

III. From bust of Painting I, but reversed, to right, with head erect.

4. Anonym. (German.) Eduard Jenner. Open, 65x76 mm. S. G. O. [Not P., 1896, or B. M. J.]

IV. As preceding, but head inclined downward.

5. Anonym. (German.) Eduard Jenner. Rect., 74x87 mm. S. G. O. [Not P., 1896., or B. M. J.]

V. From Engraving XIII, but with large collar to coat.

6. Anonym. DR. JENNER. Rect., 100x130 mm. J. H. H. [Not P., 1896, or B. M. J.]

VI. From Statue II (London). Front and slightly to right.

7. D A—J A W (in script). STATUE OF DR. JENNER.—SCULPTURED BY W. C. MARSHALL.—PLACED IN TRAFALGAR-SQUARE. Open, 115x185 mm. J. H. H. [Not P., 1896, or B. M. J.]

VII. From Statue II, looking to right.

8. STATUE OF DR. JENNER TO BE ERECTED IN TRAFALGAR SQUARE. Open, 135x120 mm. J. H. H. [Not P., 1896, or B. M. J.]

VIII. From Statue III (Boulogne). To right and front, with vessels, groups and buildings.

9. Anonym. STATUE OF DR. EDWARD JENNER, RECENTLY ERECTED AT BOULOGNE, FRANCE. Open, 240x165 mm. J. H. H. [Not P., 1896; or B. M. J.]

IX. From Statuette IV.

10. Anonym. EDWARD JENNER. (*Leipziger Illustrirte Zeitung*, 1885.) Open, 115x185 mm. S. G. O. [P., 1896; not B. M. J.]

11. As preceding. From the original by Monteverde. Open, 115x185 mm. J. H. H. [Not P., 1896, or B. M. J.]

12. †As preceding. Ferrier. Jenner vaccinating his own child. From the statue by Monteverde. (*British Medical Journal*, May 23, 1896, p. 1254.) Open, 70x106 mm. [Not P., 1896.]

#### PHOTOGRAVURES.

From Painting I.

1. †Anonym. From an engraving by J. R. Smith. (*British Medical Journal*, May 23, 1896, p. 1251; *Revue Scientifique*, June, 1896, p. 741.) Rect., 84x110 mm. [Not P., 1896.]

From Painting II.

2. †Anonym. From a painting by Northcote now in the National Portrait Gallery. (*British Medical Journal*, May 23, 1896, p. 1247; *Revue Scientifique*, June, 1896, p. 739.) Rect. 127x152 mm. [Not P., 1896.]

From Painting IV.

3. †Anonym. From the painting by Sir Thomas Lawrence in the possession of the Royal College of Physicians. (*British Medical Journal*, May 23, 1896, p. 1246; *Revue Scientifique*, June, 1896, p. 738.) Rect., 82x100 mm. [Not P., 1896.]

4. As preceding. Edw. Jenner (autograph) M.D. F.R.S. Souvenir Jenner Centennial Celebration by AMERICAN MEDICAL ASSOCIATION, Atlanta, Ga., 1896. Rect., 94x115 mm. [Not P., 1896, or B. M. J.]

5. As preceding. Edward Jenner. (JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, June 13, 1896.) Rect., 94x115 mm. [Not P., 1896, or B. M. J.]

From Painting VIII.

6. †Anonym. (*British Medical Journal*, May 23, 1896, p. 1249; *Revue Scientifique*, June, 1896, p. 743.) Rect., 125x152 mm. [Not P., 1896.]

From Engraving 53. of Statue II, left side.

7. †Anonym. Statue in Kensington Gardens by Mr. W. Calder Marshall, R. A. (*British Medical Journal*, May 23, 1896, p. 1248.) Rect., 127x153 mm. [Not P., 1896.]

From Lithograph 4.

8. †Anonym. From a portrait by Vigneron. (*Ibid*, p. 1252; *Revue Scientifique*, June, 1896, p. 738.) Rect., 82x100 mm. [Not P., 1896.]

There are a number of caricatures of Jenner, and engravings of vaccination, vaccine farms, etc., but I have purposely omitted these.

During Jenner's life, as an offset to the innumerable insults and scurrilous attacks that he received, the Royal Jennerian Society was founded in 1803. In 1808, at his own request, it was merged in the National Vaccine Establishment. He was given a Parliamen-

tary grant of £10,000 in 1802, another of £20,000 in 1807, and subsequently an additional £8,000 by India. He was also presented a service of plate by his country friends, and the freedom of the city of London, in a casket set with diamonds. There is a memorial window and tablet of him at the church in his native Berkeley.<sup>10</sup>

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<sup>10</sup> They are figured in the *British Medical Journal* for May 23, 1896, p. 1253.

