

The **FLORIN**, or **PIECE OF $\frac{2}{3}$** , bears the same impressions as the **Rixdollar**; but the legend on the reverse is

XX EINE FEINE MARCK, $\frac{2}{3}$;

the **Half Florin** is marked

XL EINE, $\frac{1}{3}$;

and the **Quarter Florin**,

LXXX. OF ACHZIG EINE, $\frac{1}{3}$.

The **RIXDOLLAR** of **SAXE-GOTHA**—Head, name, and title of the reigning Prince, thus:

ERNĒSTVS D. G. GOTHAN. SAXONVM DVX,

Ernest, by the grace of God, Duke of Saxe-Gotha.

Reverse, arms of Saxe-Gotha, with

X EINE FEINE MARCK,

as above.

SICILY.

GOLD COIN.

The **OUNCE**—Head of the reigning King, with name and title, thus:

CAROLVS D. G. SIC. ET HIE. REX.

Charles, by the grace of God, King of Sicily and Jerusalem:

some pieces have the addition

HIS. IN.

that is, Hispaniarum Infans,

Infant of Spain;

others the word

VNCIA,

Ounce.

Reverse, a phoenix; legend,

RESVRGIT,

He rises again.

SILVER COINS.

The **SCUDO** or **CROWN**—Head of the reigning King, with name and title, as on the **Ounce**. Re-

verse, an eagle, bearing an escutcheon on its breast; legend,

HISPANIARUM INFANS,

as before. In pieces of ancient date this last title is omitted, and on the reverse are the titles as above. Pieces of the year 1785 have the legend,

ANNO FAVSTO CORONATIONIS,

In the happy year of the Coronation.

The **HALF SCUDO**—Head of the reigning King. Reverse, a cross; the legends as on the **Scudo**.

SIERRA LEONE COMPANY.

SILVER COINS.

The **DOLLAR**, or **PIECE OF TEN MACUTAS**—On the obverse, two joined hands, with the figures 100 both above and under them; legend,

ONE DOLLAR PIECE.

Reverse, a lion; legend,

SIERRA LEONE COMPANY, AFRICA.

The **Half Dollar** is marked 50; the $\frac{1}{5}$ Dollar, 20; and the $\frac{1}{10}$ Dollar, 10; with the legends,

HALF DOLLAR PIECE;

TWENTY CENT PIECE;

and

TEN CENT PIECE;

the rest as on the **Dollar**.

SPAIN.

GOLD COINS.

The **DOUBLOON**, or **PISTOLE**—Head of the reigning King, with name and title, thus;

CAROL. III. D. G. HISP. ET IND. REX;

that is, Carolus III. Dei gratia, Hispaniarum et Indiarum Rex,

Charles III. by the grace of God, King of Spain and the Indies.

Reverse, arms of Spain within the collar of the golden fleece; legend, in 1740,

INITIUM SAPIENTIÆ TIMOR DOMINI,

The fear of the Lord is the beginning of wisdom;

in 1762,

NOMINA MAGNA SEQUOR,

I follow great names;

in 1763,

IN UTROQUE FELIX AUSPICE DEO,

Happy in both, under the divine auspices;

there is, also, at the bottom, a letter to mark the place where the piece was coined, thus; M. with a crown over it signifies Madrid, and M. with an O Mexico.

The Double, Quadruple, and Half Pistoles bear the same impressions; but, in modern coins, the Half Pistole is marked

1 s.

1 Scudo, or gold Crown;

the single Pistole,

2 s.

and the others in proportion. The pieces coined between 1700 and 1723 bear no head, but have the arms and the King's name, with

DEI GRA.

On the reverse, a cross surrounded with different ornaments; legend,

HISPANIARUM REX.

Those coined before that period are not round, but of an irregular shape, and their impressions are very imperfect; the same may be remarked of the old Dollars coined in America.

The DOUBLOON of 1809, and its divisions—
Head of Joseph Bonaparte, with the legend,

JOSEPH NAP. D. GR. HISP. ET IND. R.

Reverse, arms of Spain, with a crown; legend,

IN UTROQUE FELIX DEO AUSPICE,

as before.

The CORONILLA, GOLDEN DOLLAR, OF VINTEN, bears the same impressions as the Doubloon, except the legends. Those, however, of an ancient date, have on the obverse the King's head and name, with D. G. and on the reverse, the arms of Spain, with

HISPANIARUM REX;

whilst those coined in 1786, &c. have the head and titles on the same side, and the arms of Spain on the reverse.

SILVER COINS.

The DOLLAR (coined before 1772)—On the obverse the arms of Spain, with the initials of the mint, &c. as on the Doubloon, and, also,

8 R.

8 Reals;

legend, the name and title of the reigning King. Reverse, a crown resting on two globes, between two pillars; legend,

VTRAQUE VNVM,

Both one,

and the initials of the mint; on the pillars,

NEC PLUS VLTTRA,

Nothing beyond.

The divisions of the Dollar bear the same impressions; but the Half Dollar is marked

4 R.

4 Reals;

the Quarter Dollar, or Peceta Mexican,

2 R.

and the Real of Mexican Plate,

1 R.

Dollars and other pieces coined before 1740 bear on the obverse the arms, with the King's name, and D. G. Reverse, a sort of irregular escutcheon, divided into four parts by a cross; legend,

HISPANIARUM REX.

The DOLLAR (coined since 1772)—Head of the reigning King, with his name and DEI GRATIA. Reverse, arms of Spain, which, on pieces coined at Mexico, stand between two pillars, on which are the words,

NEC PLUS ULTRA,

as before; legend round the piece,

HISPAN. ET IND. REX,

with an M. for Mexico;

8 R.

8 Reals;

and the initials of the Moneyer's name. These are commonly called Pillar Dollars. Those coined in Europe have no pillars, and the legend is only

HISPANIARUM REX.

SWEDEN.

GOLD COIN.

The DUCAT—Head of the reigning King, with name and title, thus:

GUSTAVUS III. D. G. REX SVEDIÆ,

Gustavus III. by the grace of God, King of Sweden; but on Ducats coined since 1800, the name and titles are in the Swedish language, thus:

GUSTAF IV. ADOLPH. SV. G. OCH W. KONUNG,

Gustavus Adolphus IV. King of Sweden, Gothland, and Westmanland.

Reverse, arms of Sweden; legend, in 1746,

IN DEO SPES MEA,

My hope is in God;

in 1767,

SALUS PUBLICA SALUS MEA,

The public safety is my safety;

in 1774,

FADERNES LANDET,

The land of our fathers;

in 1800,

GUD OCH FOLKET,

God and the people.

SILVER COINS.

The RIXDOLLAR (1752)—Head of the reigning King, with name and title in Latin, as on the old Ducat. Reverse, arms of Sweden; legend,

SALUS PUBLICA SALUS MEA,

as before; and round the edge,

MANIBUS NE LÆDAR AVARIS,

That I may not be hurt by rapacious hands.

The RIXDOLLAR (1779)—Head, name, and title, as before. Reverse, arms of Sweden, with 1 RD. legend,

FADERNES LANDET,

as before. The divisions of the Rixdollar bear the same impressions, but have their value marked. The Rixdollar and other pieces coined since 1795 have the legends on both sides in the Swedish language, as on the new Ducat. Round the edge is

MANIBUS, &c.

as on the old Rixdollar.

SWITZERLAND.

GOLD COINS.

The DUCAT of LUCERNE—Arms of the canton. Reverse,

DUCATUS REIPUBLICÆ LUCERNENSIS,

Ducat of the Republic of Lucerne.

The pieces of 2 and 5 Ducats bear the same impressions.

The DUCAT of SCHWITZ—Arms of the canton, supported by a lion. Reverse,

DUCATUS REIPUBLICÆ SUISENSIS,

Ducat of the Republic of Schwitz.

The DUCAT of URI—A horseman giving his cloak to a beggar; legend,

SANCTVS MARTINVS,

St. Martin.

Reverse, arms of the Canton; legend,

DVCATVS REIPVBLICÆ VRANIÆ,
Ducat of the Republic of Uri.

The PISTOLE of LUCERNE—Arms of the canton, with the legend,

RESPUBLICA LVCERNENSIS.

Reverse, a wreath of laurel, containing

12 MZ. GL.

The PISTOLE of SOLEURE—A warrior bearing a standard; legend,

S. URSUS MARTYR.

Reverse, arms of the city; legend,

RESPUBLICA SOLODORENSIS,
Republic of Soleure.

The Double and Half Pistoles bear the same impressions.

The PISTOLE of the HELVETIC REPUBLIC (1800)—A soldier bearing a standard; legend,

HELVETISCHE REPUBLIK,
Helvetic Republic.

Reverse, a crown of oak, containing

16 FRANKEN.

SILVER COINS.

The ECU of LUCERNE (1715)—A figure of a bishop resting on the arms of the canton; legend,

SANCTVS LEODEGARIVS.

Reverse,

MONETA REIPVB. LVCERNENSIS,
Coin of the Republic of Lucerne;

the whole encircled by a wreath and other ornaments. The Half and Quarter Ecu bear the same impressions, and are marked $\frac{1}{2}$ and $\frac{1}{4}$ on the obverse.

The ECU of LUCERNE (1796)—The arms of the Canton; legend,

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RESPUBLICA LVCERNENSIS,

and

40 BAZ.

Reverse, a cross formed by eight L's, and a small wreath in the centre; legend,

DOMINUS SPES POPULI SUI,
The Lord is the hope of his people.

The Half Ecu is marked

20 BAZ.

The GULDEN, or FLORIN of LUCERNE—Arms of the canton; legend,

MONETA NOVA REIP. LVCERNENSIS.

Reverse,

AVXILIO DEI PROSPERE,
Prosperously by the help of God.

The Florin (1793, &c.) and its divisions bear the arms of the canton, with the legend

MON. NOV. &c.

Reverse as on the new Ecu, except that, in the centre of the cross, the Florin is marked

40,

40 Schillings;

the Half and Quarter Florins in proportion.

The RIXDOLLAR of FRIBURG—Arms of the canton; legend,

RESPUBLICA FRIBURGENS.

Reverse, a cross formed by eight F's, and four crowns; legend,

AUXILIUM NOSTR. DEUS,
God is our help.

The Quarter Rixdollar has, on a square in the centre of the cross, the number 36, and the inferior divisions are marked 28, 14, and 7.

The Piece of 20 BATZEN of SOLEURE—A cross with an S over it, and sometimes also a large O; legend,

CUNCTA PER DEUM,
All things through God.

Reverse, arms of the canton; legend,

MONETA REIP. SOLODORENSIS, or RESPUBLICA SOLO-
DORENSIS, 20. BAZ.

The ECU of the HELVETIC REPUBLIC (1798)
—A soldier bearing a standard; legend,

HELVET. REPUBL. or HELVETISCHE REPUBLIK.

Reverse, a wreath of oak, containing the words

40 BATZEN.

But the Ecus of 1799 and 1801 are marked

4 FRANKEN

on the reverse. The pieces of 20, 10, and 5 Batzen have their value expressed on the reverse, and bear in other respects the same impressions as the Ecu.

For the Gold and Silver Coins of BASIL, BERN, GENEVA, NEUFCHATEL, ST. GALL, and ZURICH, see those articles respectively.

TREVES.

GOLD COIN.

The DUCAT—Head of the reigning Prince, with name and titles; thus,

CLEM. WENC. D. G. A. EP. TREV. S. R. I. A. C. ET EL.

that is, Clemens Wenceslaus, Dei Gratia, Archi Episcopus Trevirensis, Sancti Romani Imperii Archi Cancellarius et Elector,

Clement Wenceslaus, by the grace of God, Archbishop of Treves, Arch-Chancellor and Elector of the Holy Roman Empire.

Reverse, arms of the Prince; legend, on Ducats of 1773,

EPISC. AUG. APP. COAD. ELEC.
Bishop of Augsburg, &c.

SILVER COIN:

The RIXDOLLAR bears the same impressions and legends as the Ducat, besides which there are, on the reverse, the words,

X EINE MARC F. or 10 EINE FEINE MARK,
Ten to a Mark fine.

TURKEY.

GOLD COINS.

As the representation of men and animals is forbidden by the Mahometan law, the Turkish coins have no other impressions than inscriptions stating the names, titles, descent, &c. of the Sultans, with the date of the Hegira, or Mahometan æra.* They are in the Arabic language, and the following translations from the principal coins of Sultan Selim (1789) may serve as a specimen, as there is but little variety in the form or style of these compositions.

The SEQUIN MAHBUB—On the obverse,

Sultan Selim, son of Mustapha Khan, may he be victorious, and his valour be blest, struck at Stambul (Constantinople), in the year 1203;

and on the reverse,

Sultan of the two lands, and Sovereign of the two seas, Sultan by inheritance, son of a Sultan.

The words, *May he be victorious, and his valour be*

* The Hegira began July 16 in the year 622 of the Christian æra; it is reckoned in lunar years, which are nearly 11 days shorter than the solar, making a difference of about one year in 33. The year 1225, therefore, of the Hegira commenced February 5, 1810, of the Christian æra, and on the

27 September 1821 the year 1237 commences

17 1822 1238

6 1823 1239

For a full and accurate calculation of these epochs, with tables, see the article *Hegira* in *Rces's Cyclopædia*.

blest, are occasionally used by the Turks at the end of their prayers. By the *two lands* are meant Europe and Asia, and by the *two seas*, the Black Sea and the Archipelago.

The **SEQUIN FONDUCLI**—On the obverse,
Sultan Selim, son of Mustapha Khan,
and on the reverse,
Struck at Stambul, in the year 1203.

The impressions on Sequins of different periods mostly answer to either of the foregoing descriptions; but the Sequins coined at Cairo, under Sultan Abdulhamid, in 1773, have their inscriptions as follow:

*Sultan Abdulhamid, son of Ahmed Khan, may his valour
be blest, struck in Egypt, in the year 1187;*
and on the reverse, the titles as on the Sequin Mahbub of the Sultan Selim.

The **SEQUINS** of the **BARBARY STATES** are coined in the name of the Grand Seignior, and are distinguished by the words

Struck at Tunis, Tripoli, &c.

They bear on the reverse the titles as on the Sequin Mahbub of Selim.

SILVER COINS.

The **PIASTRE** and other silver coins bear the same inscriptions as the gold coins, and the same differences exist in them. The inscriptions on the Single, Double, and Half Piastres of Selim of 1789 are similar to those on the Sequin Fonducli of this Prince.

The **PIASTRE OF TUNIS** bears on the obverse the words

*Sultan of the two lands, and Sovereign of the two seas,
Sultan Selim Khan, blest, with victory;*

and on the reverse,

Struck at Tunis, in the year, &c.

TUSCANY.

GOLD COINS.

The **RUSPONE**—A lily, with the name and title of the reigning Prince, thus:

FERDINANDVS III. D. G. A. A. M. D. ETR.

*that is, Dei Gratia, Archidux Austriae, Magnus
Dux Etruriae,
Ferdinand III. by the grace of God, Archduke of
Austria, Grand Duke of Tuscany.*

Reverse, a figure of St. John the Baptist; legend,
S. JOANNES BAPTISTA.

Some pieces, coined about the year 1738, bear the head of the reigning Prince; legend,

FRANC. III. D. G. LOTH. BAR. ET M. ETR. D. REX HIER.

*Francis III. by the grace of God, Duke of Lorraine and
Bar, Grand Duke of Tuscany, King of Jerusalem.*

Reverse, arms of the Prince; legend,

IN TE DOMINE SPERAVI,

In thee, O Lord, have I hoped.

The **NEW RUSPONE** of the Kingdom of Etruria bears the same impressions as above; legend on those coined in 1803,

LUDOVICUS I. D. G. HISP. INF. REX ETRVRIÆ,

*Louis I. by the grace of God, Infant of Spain, King of
Etruria;*

and on those struck in 1804,

CAROLVS I. D. G. REX ET M. ALOYSIA R. RECTRIX,

*Charles I. by the grace of God, King of Etruria, and
Maria Louisa, Queen Regent.*

The **SEQUIN** of **TUSCANY** bears the same impressions as the **Ruspone**.

SILVER COINS.

The **DUCATONE**—Head of the reigning Prince, with name and title, thus:

COSMOS III. D. G. MA. DVX ETRVRI VI.

*Cosmos III. by the grace of God, Grand Duke of Tus-
cany, the 6th year of his reign.*

Reverse, St. John baptizing our Saviour; legend,

FILIVS MEVS DILECTVS,
This is my beloved Son.

The LIVORNINA—Head of the reigning Prince, with name and title, thus:

JOAN. GASTO I. D. G. MAG. DVX ETRVRIÆ VII.
John Gaston, &c.

as above. Reverse, the city gate, over which is a crown, and under it,

FIDES,
Faith;

legend,

ET PATET ET FAVET,
It opens and favours.

In pieces of ancient date there is a view of the port of Leghorn with the same legend.

The PEZZA DELLA ROSA—Arms of Tuscany, with the reigning Prince's name and title, as on the Livornina. Reverse, a rose-tree; legend,

VLTIQ OVESITA GRATIA OBVIA,

Revenge must be sought after, but forgiveness meets.

On the exergue is

LIBVRNE.

The FRANCESCONE—Impressions as on the Ruspone of 1738, to which, in pieces coined since 1740, are added the initials

R. I. S. A.

that is, Romanus Imperator, semper augustus,

Emperor of Rome, ever august.

Reverse, arms of Tuscany on the breast of a two-headed eagle; legend,

IN TE DOMINE SPERAVI,

as on the Ruspone. Pieces struck at Pisa are marked

PISIS.

The LEOPOLDONE—Head, name, title, &c. as

on the Ruspone of 1738, with the addition of the initials

P. R. H. ET B.

Prince Royal of Hungary and Bohemia.

Reverse, arms of Tuscany, with the cross of Malta and order of the golden fleece; legend,

DIRIGE DOMINE GRESSVS MEOS,
O Lord, direct my steps.

The SCUDO of the KINGDOM of ETRURIA (1801)—Head of the reigning King, with name and title, thus:

LVDOVICVS I. D. G. HISP. INF. REX ETRVRIÆ PAR.
PLAC. ET. PRIN.

Louis I. by the grace of God, Infant of Spain, King of Etruria, Prince of Parma and Placentia.

Reverse, arms of Tuscany, &c. legend,

VIDEANT PAUPERES ET LÆTENTUR,
Let the poor see and rejoice.

The Scudo of 1803 bears the heads of the Infant King and Queen Mother, with their names and titles, thus:

CAROLVS LVD. D. G. REX ETR. ET M. ALOYSIA R.
RECTRIX I. I. H. H.

Charles Louis, by the grace of God, King of Etruria, and Maria Louisa, Queen Regent, Infant of Spain.

Reverse, arms of Tuscany, &c. legend,

DOMINE SPES MEA A IUVENTUTE MEA,
O Lord, my hope from my youth,

with

FLORENTIÆ;

round the edge are the words

DIECI LIRE,
10 Lire.

The LIRA of 1803—Arms of Tuscany, &c. legend, the King and Queen's names and titles, as on the Scudo. Reverse,

UNA LIRA,
1 Lira, or Livre,

encircled by a wreath.

UNITED STATES OF AMERICA.

GOLD COIN.

The **EAGLE**—Head of a woman with the cap of Liberty; legend,

LIBERTY,

with 13 stars. Reverse, an eagle, bearing the arms of the United States on its breast, and a bundle of arrows and an olive-branch in its talons; over its head, are 13 stars and a cloud, and across the neck a scroll, with this legend,

E PLURIBUS UNUM,
One from many;

legend,

UNITED STATES OF AMERICA.

On pieces coined since 1795, the reverse bears an eagle, with a palm-branch in its talons, and a wreath of laurel in its beak.

SILVER COIN.

The **DOLLAR** and its divisions bear the same impressions as the Eagle, except that the head is without a cap. Round the edge are the words

ONE DOLLAR OR UNIT HUNDRED CENTS;

but the inferior coins have no letters on the edge. On the reverse of pieces of 1795, &c. the Eagle is entirely surrounded with branches of palm and laurel.

VENICE.

GOLD COINS.

The **SEQUIN**—A man holding a cross and another kneeling before him, with the Doge's name, thus:

LVDO MANIN.

and the letters

S. M. V. M. N. M. T.

one above the other, near the edge of the piece;

that is, Sanctus Marcus Venetus;

St. Mark of Venice;

also, the letters

D. V. X.

Dux,

Duke, or Doge,

placed in the same manner above the kneeling figure. Reverse, a whole length figure of St. Mark, with a book, and surrounded with stars; legend,

SIT T. XPE. DAT. Q. TV. REGIS ISTE DVCA.

This inscription of the Venetian Sequin is the same as that of the Venetian Ducat of 1280, which is thus explained by *Muratori*, in his *Antiquitates Italicae Medii Aevi*, vol. ii. p. 649.

Sit tibi Christe datum, quod (vel quia) tu regis.
Iste ducatum.

To thee, O Christ, be it (this coin) given, because thou governest (universally). He (St. Mark) governs the Duchy.

This interpretation is doubted even by *Muratori* himself, who supposes that *iste* might have been originally *ipse*. The legend is however curious, as being both an hexameter verse and a monkish rhyme.

The **HALF** and **QUARTER SEQUINS** bear the same impression, but the legend on the reverse is

EGO SVM LVX MVN.

I am the light of the world.

The **DOPPIA** or **PISTOLE**—A winged lion, holding a book, with

s. 2;

and the legend,

SANCTVS MARCVS VENETVS,

as on the Sequin. Reverse, a cross, and the Doge's name, thus:

FRANC. CONTARENO DVX VENET,
Francis Contareno, Doge of Venice.

The **SCUDO D'ORO**, or **GOLD CROWN** bears the same impressions as the Doppia, except that it is marked 140, and the **Half Scudo d'oro**, 70.

The **OSELLA D'ORO**—A woman sitting; legend,

PIETAS OPTIMI PRINCIPIS,
The piety of the best Prince,

but the impression varies. Reverse, a wreath, and within it the Doge's name, thus:

PAULI RAINERI PRINC. MUNUS ANNO V.
The gift of Paul Rainier, Prince, the year V. of his government.

The **GOLD DUCAT**—A man sitting and holding a standard, and another kneeling; legend,

S. M. VEN. LEON. DONAT.
St. Mark of Venice gives a Lion.

Reverse, a winged lion with a book; legend,

DUCATUS REIPUB.
Ducat of the Republic.

SILVER COINS.

The **SCUDO DELLA CROCE** bears the same impressions as the Scudo d'oro, and the Doppia.

The **GIUSTINA**—A winged lion, holding a book, and before it a figure with a standard; legend, the name and title of the reigning Doge. Reverse, a woman holding a palm-branch, with a circle over her head, and a sword on her shoulder; background, a view of the sea with ships; legend,

MEMOR ERO TVI JUSTINA VIRG.
I shall remember thee, Virgin Justina,

and

124,
124 Soldi.

The **DUCAT**—A winged lion as before, with a book; legend,

DUCATUS VENETVS,
Venetian Ducat.

Reverse, a figure sitting, and another kneeling and receiving a standard from him; legend,

S. M. V.
St. Mark of Venice,

and the Doge's name, as

PAVL RAINERIVS D.

The **Half and Quarter Ducat** bear the same impressions; but their legends are

MEDI. DUCAT. VENET.

and

QVAR. DUCAT. VENET.

The **LIRAZZA**, or Piece of 30 SOLDI—The same as the obverse of the Sequin. Reverse, a woman holding a sword and a pair of scales, with a lion by her side; legend,

JUSTITIAM DILIGITE,
Love justice.

The **TALLARO** and its divisions—Head of a woman; legend,

RESPUBLICA VENETA,
Republic of Venice.

Reverse, a winged lion and a book; legend, the reigning Doge's name, thus:

PAULO RAINERIO DUCE.

The **OSELLA**—The impressions on this piece are frequently changed, and are, therefore, too numerous to be here described: the reverse is most commonly the Doge's name, with the date of his government, and also of the Christian era, thus:

LUDOVICI MANIN PRINCIPIS MUNUS. AN. VIII. 1796,
as on the Osella d'oro.

The **Piece of 10 LIRE** of 1797—A woman, holding in one hand the cap of Liberty on a lance, and the other resting on the fasces; legend,

LIBERTA, EGUALIANZA,
Liberty, equality;

and at the bottom,

Z. V. or ZECCA V.

Reverse, the words

LIRE DIECI VENETE.
Ten Lire of Venice.

encircled by a wreath; legend,

ANNO I. DELLA LIBERTA ITALIANA,
The first year of Italian liberty.

The NEW COINS introduced by the Austrians, viz. Pieces of 2 Lire or 24 Creutzers of 1800 have, on the obverse, a two-headed eagle, crowned, bearing on its breast the arms of Austria; legend,

FRANZ. II. ROM. KAI. KON. ZU. HU. U. BO. ERZH
ZU OEST,

that is, Franz. II. Römische Kaiser, König zu Hungarn und Böhmen, Erzherzog zu Oesterreich, Francis II. Emperor of Rome, King of Hungary and Bohemia, Archduke of Austria.

Reverse, above a palm and laurel branch,

24 KREUTZER ERBLAENDISCH,
24 Creutzers of the Hereditary States.

The pieces of 1 Lira and $\frac{1}{2}$ Lira; or 12 and 6 Creutzers, bear the same impressions, except that the legend round the eagle is

KAI. KON. ERBLANDISCHE. SCHEID. MUNZ.
Small coins of the Emperor and King's hereditary States, and that the value is marked on the reverse. The pieces called *Provincial money*; issued in 1801, bear on the obverse the two-headed eagle, with the letters

F. II.
Francis II.

in an oval, on its breast: legend,

MONETA PROVINCIALE IMP. VENETA,
Imperial provincial coin of Venice.

Reverse, the value of the piece, viz.

DUE LIRE VENETE, UNA LIRA VENETA, or MEZZA
LIRA VENETA,
2, 1, or $\frac{1}{2}$ Lira of Venice;

the whole encircled by palm and laurel branches. The coins of 1802 bear, on the obverse, the eagle and arms of Austria, and the name of the Emperor Francis II. and his titles in Latin, as on the Austrian coins, with the addition

D. VENET.

Duke of Venice.

Reverse, the value of the piece.

WIRTEMBURG.

GOLD COINS.

The CAROLIN—Head of the reigning Prince, with name and title, thus:

CAROL. ALEX. D. G. DUX WUR. & T.
Charles Alexander, by the grace of God, Duke of Wirttemberg, &c.

Reverse, arms of Wirttemberg; legend,

CUM DEO ET DIE,
With God and Time;

and in some,

PER ARDUA VIRTUS,
Valour through difficulty.

The DUCAT—Impressions as on the Carolin, except that the legend on the reverse is

PROVIDE ET CONSTANter,
Providently and constantly.

SILVER COIN.

The RIXDOLLAR—The impressions are the same as on the Ducat; but the reverse bears, besides the legend, the words

10 EINE FEINE MARCK,
Ten to a Mark fine.

The COPSTUCK—Impressions as on the Ducat, except that the head and the arms are each enclosed in a square, and that under the head there is the number 20.

WURTZBURG.

GOLD COIN.

The DUCAT—Head of the reigning Prince, with

name and titles, thus :

FRANC. LUD. D. G. EP. BAM. ET WIR. S. R. I. P. F.
O. DUX ;

that is, Franciscus Ludovicus, Dei Gratia, Episcopus Bambergii et Wirtsburgii, Sancti Romani Imperii Princeps, Francorum Orientalium Dux, Francis Louis, by the grace of God, Bishop of Bamberg and Wurtzburg, Prince of the Holy Roman Empire, Duke of East Franconia.

Reverse, arms of the Bishop ; legend,

DUCATUS DUCIS FRANCORUM,
Ducat of the Duke of Franconia.

SILVER COINS.

The RIXDOLLAR (coined before 1795) bears the same impressions as the Ducat, except the legend on the reverse,

10 EINE FEINE MARCK,
Ten to a Mark fine ;

but the Rixdollar of 1795, &c. bears on the obverse the head of the Bishop, with name and titles as on the Ducat : and on the reverse only the inscription

10 EINE FEINE MARCK,
encircled by 2 branches of laurel, and above it the legend,

PRO PATRIA,
For the country.

The COPSTUCK—The same as the Rixdollar, according to the period at which it was coined, except that the words on the obverse are

LX. EINE FEINE MARCK,
and that it is marked 20.

ZURICH.

GOLD COIN.

The DUCAT—A lion with a sword, supporting the arms of the city ; legend,

DUCATUS REIPUBLICÆ TIGURINÆ,
Ducat of the Republic of Zurich.

Reverse,

DOMINE CONSERVA NOS IN PACE,
O Lord, preserve us in peace.

On the Ducat of 1775 the legend on the obverse is

DUCATUS REIPUBLICA TORICENCIS.

Reverse,

JUSTITIA ET CONCORDIA,
Justice and Concord.

On Double Ducats, the arms are supported by two lions, and on some Half Ducats, the words on the reverse are only

ANNO DOMINI.

SILVER COINS.

The ECU or RIXDOLLAR of 1753—A view of the city ; legend,

DOMINE CONSERVA NOS IN PACE,

as on the Ducat. Reverse, a lion supporting the arms of the Canton ; legend,

MONETA REIPUBLICÆ TIGURINÆ.

The Half Ecu has no legend over the city, but only the word

TIGURUM.
Zurich ;

and it is marked $\frac{1}{2}$ on the reverse.

The ECU of 1761—On the obverse, the legend

DOMINE, &c.

and the date, surrounded by various ornaments. Reverse, a lion, &c. as above.

The ECU of 1773—The inscription

JUSTITIA ET CONCORDIA,

and the date ; the whole surrounded by various ornaments. Reverse, as before.

The ECU of 1790—A view of the city, with the legend—

DOMINE, &c.

Reverse, arms of the Canton; legend,

MONETA, &c.

as before.

The ECU of 1794—Arms of the Canton; with the legend—

MONETA, &c.

Reverse, the inscription

XI. AVF. I. FEINE MARK,
11 to a Mark fine,

encircled by a wreath. On the Half Ecu, or Florin, the words are

XXII. AVF. I. FEINE MARK;

and on the Half Florin

XX. SCHILLING.

EAST INDIES.

GOLD COINS.

The East India Coins, like those of Turkey, have in general no other impressions than inscriptions, setting forth the names and titles of the Sovereigns, with dates and other particulars, which are all in the Persian language.

The following are translations from the principal Indian coins both of gold and silver.

The MOHUR, or GOLD RUPEE (coined under the reign of the Emperor Shah Allum, which began in 1770) has on one side,

He who is the shadow of God's favour, the protector of the religion of Mahomet, the Emperor Shah Allum, coins money for the seven climates,

with the date of the Hegira. On the other side, *Struck at — the year — from the happy accession.*

Some Mohurs have only, on one side,

Coin of the Emperor Shah Allum,

with the date of the Hegira; and on the other the year of the reign. The coins struck by the East India Company bear the name of the Mogul Emperor, and those minted of late years (as mentioned in the article *East Indies*, vol. i.) are dated the 19th year of the Emperor's reign, and the number 19 is visible on some part of the piece.

The MOHUR OF TIPPOO—On one side,

The faith of Mahomet, the most excellent in this world, is supported by the splendour of the victories of Hyder.

Hyder! exalted in equity; struck at Seringapatam, the year pre-eminent in prosperity;

with the date of the Hegira. On the other side,

He alone is the equitable Sultan; the epoch of the accession was a year of happy omen,

with the date of the reign. Some of Tippoo's coins are dated according to an Indian era which is divided into cycles of 60 years each, of which cycles 81 are supposed to be now elapsed.

The FARUKI, or QUARTER MOHUR of Tippoo has on one side,

Mahomet! He is the only and right Sultan,

with the date; and on the other side,

Faruki, struck at Pattan, (Seringapatam,)

with the date of Tippoo's reign, and a Persian H, the initial of Hyder.

The PAGODA—These Pieces differ in shape from all European coins: they have a convex side, with prominent dots; and a flat side, which generally bears a figure, and in some three figures, of Indian idols.

The Star Pagoda is marked on the convex side with a star; other Pagodas are marked with a crescent, or with an initial letter; the Pagodas of Masulipatam and Pondicherry have nothing on the convex side but the dots. Tippoo's Pagodas have no figures on the flat side, but a legend, which is translated thus:

Mahomet! He is the power of equity.

with the date of the Hegira; on the convex side, the name of the place where it was coined, and generally the initial of Hyder.

The **MOHUR** of the **DUTCH EAST INDIA COMPANY**—On one side,

Coin of the Company of Holland;

above which is a cock, and under the legend the date of the Christian era; on the other side, the words,

In the great Island of Java.

The **JAPAN COPANG** is a flat oblong piece, one side of which is marked with transverse lines, and some characters; on the other side, there is in the centre a small circle in which is a mark of the inspector-general of the mint, and in other parts various marks, made by persons who have assayed the piece.

The **ZODIACAL RUPEES** are pieces of twelve different impressions, representing the twelve signs of the Zodiac. They were coined between the years 1616 and 1624 of the Christian era, by *Jehangeer*, and have been long out of circulation. They are, however, much sought after, and highly valued as objects of curiosity. Each sign, or figure, is surrounded by rays representing the sun; and on the reverse is the following inscription:

This ornamented Coin in Agra, found its face, (received its impression) in the year — from the Sovereign Jehangeer, son of King Akber.

The **Zodiacal Rupees** are exceptions to the Mahometan law which forbids the representation or embossment of figures, but it is said that *Jehangeer* had little respect for his religion; and it is further stated by some writers that his favourite queen *Nour-Mahal* had obtained permission to reign for one day, (others say for one year,) and that she caused these coins to be struck to perpetuate the memory of her short-reign. This account, however, cannot be quite correct, as the dates of these Rupees are different.

SILVER COINS.

The **SICCA RUPPEE**—The legends on this coin are nearly the same as on the **Mohur**, and may be thus translated:—

Struck in the seven climates, (date of the Hegira,) by the shadow of God's favour, Shah Allum, King, disciple in the faith of Mahomet;

and on the other side,

Struck at — in the 19th year of the august and glorious reign of the Emperor, &c.

Some Rupees do not bear the date of the Hegira, but only that of the Emperor's reign; and all the Rupees struck in Bengal of late years, at the Company's mint, have been dated the 19th year of his reign, as above noticed.

The **ARCOT RUPPEE**—On one side,

Blessed coin of the conquering King (the name);

on the other side,

Struck at Arcot in the year — of the reign,

and the date of the Hegira. But it may be observed that in these and many other Rupees, (except such as are coined by the East-India Company,) the legends are often illegible, owing to the edge being clipped or worn, or to the piece having been originally too small to receive the impression.

The **RUPEE** of the **DUTCH EAST INDIA COMPANY**—On the obverse,

Coin of the Company of Holland,

and the date of the Christian era. Reverse,

In the great Island of Java.

The **GULDEN** of the **DUTCH EAST INDIA COMPANY**—The impressions correspond with those of the Gulden of the Netherlands (of 1818), except that the Piece of Java has the letters

N. O.

next to the Statute on one side; and on the other,

MO. ARG. REG. TOT. BELG. JAV.

that is, Moneta argentea Regni totius Belgicæ Javæ,

Silver Coin of the whole Kingdom of Belgium and Java.

The SULTANEE RUPEE of TIPPOO bears the same impressions and legends nearly as Tippoo's Mohur.

The RUPEE of PERSIA, or Piece of 10 MAMOODIS—The legends on these coins vary. Some bear the Sovereign's name, as

Sultan Shahrokh;

and on the other side,

May God prolong his reign, coined at —,

the name of the place and date of the Hegira. On other Rupees, the King of Persia styles himself

The servant of the Monarch of the Empire,

that is of the *Iman Riza*, the head of their religion,

whom the Persians consider as the real Sovereign of their Empire, and the coins are often struck in the name of the Iman Riza, with this legend,

By the divine decree, the coin of happy omen has been struck in the name of Ally Riza, son of Musa;

and on the other side,

There is no God but God, Mahomet is the Apostle of God, Ally is the favourite of God, struck at —;

with the date of the Hegira.

The SILVER FANAM of PONDICHERRY bears on one side several fleurs de lys, and an inscription on the other.

The LARIN—This is a Silver wire, about an inch in length, doubled up, and flattened on the inner side to receive the impressions of some characters. It was first made in Arabia; and has become scarce, but is still used as a money of account.

The foregoing translations of the Persian and Indian inscriptions and legends are chiefly taken from M. BONNEVILLE'S Treatise on Coins, who states his authorities to be *Messrs. De Sacy*, and *Langles*; and *Mr. Alexander Hamilton* of Calcutta. The translations from the Turkish Coins have been supplied for this Work by *Mr. Duc*, formerly Secretary to the Turkish Ambassador in London; and the several translations from the Russian, Norwegian, and Swedish Coins have been likewise supplied by good authorities.

TABLES,

CONTAINING, A

COMPARISON OF THE WEIGHTS AND MEASURES

OF ALL TRADING COUNTRIES,

Chiefly from actual Experiments made at the London Mint on Foreign Standards, transmitted to England in 1818 by the British Consuls abroad, and previously verified by the proper Authorities in each Country.

THE following Tables are, for the most part, a recapitulation of what has been given in the first Volume of this work ; but the places here are more numerous ; and these Tables also afford a more convenient and ready reference to any subject for which they may be consulted.

Table I.—Contains the Troy Weight of different nations, that is, the Weight chiefly used for the precious Metals. It shews the Weight of each Mark, &c. in English Troy Grains and in French Grammes ; also the proportion which each Mark, &c. bears to 100 lb. English Troy.

Table II.—Contains the Commercial Weights of different countries compared with English Avoirdupois ; also the Weight of each foreign Pound, Ounce, &c. in English Troy Grains and in French Grammes.

Table III.—Contains the Corn Measures of different countries. It shews the contents of each measure in English Cubic Inches, in English Bushels, and in French Litres ; also the number of measures of each place that correspond to 1 English Quarter.

Table IV.—Contains the Liquid Measures of different nations. It shews the contents of a single measure of each sort in English Cubic Inches, in English Wine Gallons, and in French Litres ; also how many Gallons, &c. of each place are equal to 100 English Gallons.

Table V.—Is a comparison of the Cloth Measures of different nations. It shews the length of each measure in English Inches and in French Decimetres ; also the number of Ells, Aunes, &c. of each place that correspond with 100 English Yards.

Table VI.—Contains the Long Measures of different Countries. It shews the length of each measure in English Inches and in French Decimetres ; also the number of Feet, &c. of each place that correspond with 100 English Feet.

Table VII.—Shews the contents of the Square Foot of different countries in English Square Inches and in French Square Decimetres.

Table VIII.—Shews the contents of the Cubic Foot of different countries in English Cubic Inches and in French Decilitres.

Table IX.—Contains the Land Measures of different nations. It gives the area of each measure in English Square Yards and in French Ares ; also the number of Acres, &c. of each place that equal 10 English Acres Statute Measure.

Table X.—Gives the length of the itinerary measures of different countries in English Yards and in French Metres ; also the proportion of the foreign League, &c. to 100 English Miles.

Table XI.—Contains the new Weights and Measures of France, with their proportion to those of England.

Table XII.—Contains an account of Ancient Weights and Measures, with their proportion to the Weights and Measures of England.

RULES and **Examples** are also given for finding the proportion between the Weights or Measures of any two or more places contained in the Tables.

TROY WEIGHT.

TABLE I.

Containing a Comparison of the Troy, or Gold and Silver Weights of different Countries; and shewing the Weight of a single Pound, Mark, Ounce, &c. in English Troy Grains and in French Grammes; also, the number of Pounds, Marks, Ounces, &c. of each place, that are equal to 100lbs. English Troy.

| | | Weight of a single lb. Mark, &c. | | Number equal to 100 lbs. English Troy. |
|----------------|----------------|-------------------------------------|--------------|--|
| | | Eng. Grains | Fr. Grammes. | |
| ALEPPO | Metical | 73 | 4,729 | 7890,410 |
| ALGIERS | Metical | 73 | 4,729 | 7890,410 |
| AUGSBURG | Mark | 3643 | 236,037 | 158,111 |
| BASSORA | Miscal | 72 | 4,665 | 8000,000 |
| BENGAL | Sicca | 179,6 | 11,636 | 3207,126 |
| BERLIN | Mark | 3608 | 233,769 | 159,645 |
| BERN | Mark | 3810,3 | 246,877 | 151,117 |
| BOLOGNA | Libbra | 5586 | 361,957 | 103,114 |
| BOMBAY | Tola | 179 | 11,597 | 3217,877 |
| BRESLAU | Mark | 3158 | 204,613 | 182,393 |
| CAIRO | Rottolo | 6654 | 431,125 | 86,564 |
| CALICUT | Miscal | 69 | 4,470 | 8347,826 |
| CHINA | Tale | 579,8 | 37,566 | 993,446 |
| COLOGNE | Mark | 3608 | 233,769 | 159,645 |
| CONSTANTINOPLE | Chequee | 4957 | 321,173 | 116,199 |
| CRACOW | Mark | 3069 | 198,846 | 187,683 |
| CYPRUS | Occa | 1957 | 126,797 | 294,327 |
| DAMASCUS | Ounce | 460 | 29,804 | 1252,173 |
| DENMARK | Mark | 3633 | 235,389 | 158,546 |
| ENGLAND | Pound | 5760 | 373,202 | 100,000 |
| FLORENCE | Libbra | 5240 | 339,542 | 109,923 |
| FRANCE | Poids de Marc | 3777,5 | 244,751 | 152,481 |
| | Kilogramme | 15434 | 1000,000 | 37,320 |
| GAMRON | Miscal | 71,6 | 4,639 | 8044,692 |
| GENEVA | Mark | 3785 | 245,231 | 152,179 |
| GENOA | Libbra | 4891,5 | 316,963 | 117,755 |
| GERMANY | Cologne Mark | 3608 | 233,769 | 159,645 |
| GOTHENBURG | Gold Weight | 6854 | 444,084 | 84,038 |
| | Silver Weight | 6555,5 | 424,743 | 87,865 |
| HAMBURG | } Cologne Mark | 3608 | 233,769 | 159,645 |
| HANOVER | | | | |

| | | Weight of a single lb. Mark, &c. | | Number equal to 100lbs. English Troy. |
|------------|------------------------|-------------------------------------|--------------|---|
| | | Eng. Grains. | Fr. Grammes. | |
| HOLLAND | Mark, Old Weight | 3798 | 246,080 | 151,658 |
| | New Pound, Netherlands | 15434 | 1000,000 | 37,320 |
| KONIGSBERG | Mark | 3023,5 | 195,898 | 190,507 |
| LEGHORN | Libbra | 5240 | 339,510 | 109,923 |
| LIEGE | Pound | 3797,2 | 246,028 | 151,691 |
| MADEIRA | Mark | 3538,2 | 229,250 | 162,794 |
| MADRAS | Star Pagoda Weight | 52,5 | 3,401 | 10971,428 |
| MALTA | Libbra | 4886,6 | 316,617 | 117,873 |
| MILAN | Mark | 3627 | 235,033 | 158,808 |
| MOCHA | Vakia | 478 | 30,970 | 1205,020 |
| MUNICH | Mark | 3609,8 | 233,891 | 159,565 |
| NAPLES | Libbra | 4950 | 320,760 | 116,363 |
| NUREMBERG | Mark | 3670 | 237,786 | 156,948 |
| PEGU | Tical | 237,3 | 15,375 | 2427,307 |
| PERSIA | Derham | 151,1 | 9,790 | 3812,297 |
| PORTUGAL | Mark | 3541,5 | 229,460 | 162,642 |
| PRAGUE | Mark | 3916 | 253,725 | 147,088 |
| PRUSSIA | Mark | 3609 | 233,834 | 159,600 |
| RATISBON | Crown Weight | 6630 | 429,592 | 86,877 |
| | Ducat Weight | 3449 | 223,507 | 167,004 |
| | Silver Weight | 3797,2 | 246,028 | 151,691 |
| REVAL | Mark | 3326 | 215,498 | 173,180 |
| RIGA | Mark | 3226 | 209,018 | 178,548 |
| ROME | Libbra | 5234 | 339,121 | 110,049 |
| RUSSIA | Pound | 6318,5 | 409,388 | 91,161 |
| SMYRNA | Chequee | 4957,5 | 321,206 | 116,187 |
| SPAIN | Mark | 3550,5 | 230,043 | 162,230 |
| STOCKHOLM | Mark | 3250 | 210,574 | 177,230 |
| TRIPOLI | Metical | 73,6 | 4,768 | 7826,086 |
| TUNIS | Metical | 60,7 | 3,932 | 9489,291 |
| TURIN | Mark | 3795,7 | 245,935 | 151,750 |
| VALENCIA | Mark | 3557,6 | 230,504 | 161,906 |
| VENICE | Mark | 3681,5 | 238,531 | 156,457 |
| VIENNA | Mark | 333 | 280,743 | 132,933 |
| WARSAW | Mark | 3113 | 201,697 | 185,030 |
| WILNA | Mark | 3006 | 194,764 | 191,616 |
| ZURICH | Mark | 3616,9 | 234,346 | 159,252 |

AVOIRDUPOIS WEIGHT.

TABLE II.

Containing a Comparison of the Commercial Weights of different trading Places: the first Column shews the Weight of a single Pound, &c. in English Troy Grains; the second, the Weight in French Grammes; the third, the Number of Pounds, &c. of each Place that are equal to 100 lbs. Avoirdupois; and the fourth, the Number equal to a Hundred Weight.

| | Weight of a single lb. Rottolo, &c. | | Number equal to 100lb. Avoirdupois. | Number equal to 112lb. Avoirdupois. | |
|----------------------|--|--------------|---|---|---------|
| | Eng. Grains. | Fr. Grammes. | | | |
| ABYSSINIA | Rottolo | 4800 | 311,001 | 145,833 | 163,333 |
| AIX LA CHAPELLE.. | Pound | 7234 | 468,705 | 96,765 | 108,377 |
| ALEPPO | Rottolo of 720 Drams | 35190 | 2280,030 | 19,891 | 22,277 |
| | Ditto 700 | 34212 | 2216,663 | 20,460 | 22,915 |
| | Ditto 680 | 33235 | 2153,362 | 21,062 | 23,589 |
| | Ditto 600 | 29325 | 1900,025 | 23,870 | 26,734 |
| | Oke 400 | 19550 | 1266,683 | 35,805 | 40,102 |
| ALEXANDRIA | Rottolo Forfori | 6542 | 423,869 | 107,000 | 119,840 |
| | Zaydini | 9345 | 605,481 | 74,906 | 83,895 |
| | Zauri | 14485 | 9385,121 | 48,325 | 54,124 |
| | Mine | 11682 | 7569,001 | 59,921 | 67,111 |
| ALGIERS | Rottolo | 8330 | 539,717 | 84,033 | 94,116 |
| ALICANT | Heavy Pound | 7983,9 | 517,292 | 87,676 | 98,197 |
| | Light Pound | 5322,9 | 344,881 | 131,509 | 147,290 |
| AMSTERDAM | Pound, old Weight | 7625 | 494,090 | 91,803 | 102,819 |
| | Pound Flemish | 15434 | 1000,000 | 45,354 | 50,796 |
| ANCONA | Libbra | 5093,9 | 330,043 | 137,419 | 153,909 |
| ARRAGON | Libra | 5398 | 349,799 | 129,677 | 145,238 |
| AUGSBURG | Heavy Pound | 7580 | 491,112 | 92,348 | 103,429 |
| | Light Pound | 7295 | 472,657 | 95,956 | 107,459 |
| BARCELONA | Libra | 6174 | 400,025 | 113,378 | 126,974 |
| BASIL | Livre, Poids de Marc | 7555 | 489,503 | 92,653 | 103,771 |
| BASSORA | Vakia Tary | 8312,5 | 538,583 | 84,210 | 94,315 |
| BERGAMO | Libbra Peso Grosso | 12588,8 | 8156,535 | 55,605 | 62,277 |
| | Peso Sottile | 5035 | 326,227 | 139,026 | 155,709 |
| BERGEN | Pound | 7716 | 499,935 | 90,720 | 101,606 |
| BERLIN | Pound | 7231 | 468,510 | 96,805 | 108,421 |
| BERN | Pound | 8060 | 522,223 | 86,848 | 97,269 |
| BETELFAGUI | Maud | 14273 | 9247,762 | 49,043 | 54,928 |
| BILROA | Heavy Pound | 11037 | 7151,093 | 63,423 | 71,033 |

| | | Weight of a single lb. Rottolo, &c. | | Number equal to 100lb. Avoirdupois. | Number equal to 112lb. Avoirdupois. |
|----------------|----------------------|--|--------------|---|---|
| | | Eng. Grains. | Fr. Grammes. | | |
| BILBOA | Light Pound | 7560 | 489,827 | 92,592 | 103,703 |
| BOLOGNA | Libbra | 5586 | 361,957 | 125,31 | 140,347 |
| BOLSANO | Heavy Pound | 7731,5 | 500,939 | 90,538 | 101,402 |
| | Light Pound | 5103 | 330,633 | 137,174 | 153,635 |
| BREMEN | Pound | 7690 | 489,250 | 91,027 | 101,950 |
| BRESLAU | Pound | 6255 | 405,273 | 111,910 | 125,339 |
| BRUNSWICK | Pound | 7206 | 466,891 | 97,141 | 108,798 |
| CAIRO | Rottolo | 6650 | 430,866 | 105,263 | 117,894 |
| CANARY ISLANDS | Libra | 7103,6 | 460,256 | 98,541 | 110,366 |
| CANDIA | Rottolo | 8143 | 527,601 | 85,963 | 96,278 |
| CASSEL | Pound | 7501 | 486,004 | 93,320 | 104,518 |
| CHINA | Catty | 9333 | 604,703 | 75,002 | 84,002 |
| COBURG | Pound | 7869 | 509,841 | 88,956 | 99,630 |
| COLOGNE | Pound | 7216 | 467,539 | 97,006 | 108,646 |
| CONSTANCE | Pound | 7285 | 472,009 | 96,087 | 107,617 |
| CONSTANTINOPLE | Oke | 19830 | 1284,825 | 35,300 | 39,536 |
| COPENHAGEN | Pound | 7720 | 500,194 | 90,673 | 101,553 |
| CORSICA | Pound | 7565,6 | 490,190 | 92,524 | 103,626 |
| CREMONA | Libbra | 5060 | 327,847 | 138,339 | 154,939 |
| CYPRUS | Rottolo | 36708 | 2378,384 | 19,069 | 21,357 |
| DAMASCUS | Rottolo | 27562,5 | 1785,829 | 25,396 | 28,443 |
| DANTZIC | Pound | 7231 | 468,510 | 96,805 | 108,421 |
| EAST INDIES | (See Vol. I. p. 122) | | | | |
| EL SINORE | Pound | 7720 | 500,194 | 90,673 | 101,553 |
| EMBDEN | Pound | 7668 | 496,825 | 91,288 | 102,242 |
| ENGLAND | Pound | 7000 | 453,544 | 100,000 | 112,000 |
| ERFURT | Pound | 7285 | 472,009 | 96,087 | 107,617 |
| FERRARA | Libbra | 5338 | 345,859 | 131,135 | 146,871 |
| FIUME | Funti Weight | 8623 | 558,701 | 81,178 | 90,919 |
| FLORENCE | Libbra | 5240 | 339,510 | 133,587 | 149,609 |
| FRANCE | Livre, Poids de Marc | 7555 | 489,503 | 92,653 | 103,771 |
| | Kilogramme | 15434 | 1000,000 | 45,354 | 50,796 |
| | Livre Usuelle | 7717 | 500,000 | 90,708 | 101,593 |
| FRANCFORT | Pound | 7210 | 467,150 | 97,087 | 108,737 |
| GALICIA | Libra | 8892,5 | 576,122 | 78,718 | 88,164 |
| GENEVA | Heavy Pound | 8498 | 550,602 | 82,372 | 92,256 |
| | Light Pound | 7081,6 | 458,831 | 98,847 | 110,709 |
| GENOA | Libbra Peso Grosso | 5381 | 348,645 | 130,087 | 145,697 |
| | Libbra, Peso Sottile | 4892 | 316,962 | 143,090 | 160,261 |
| HAMBURG | Pound | 7476 | 484,384 | 93,633 | 104,868 |
| HANOVER | Pound | 7511 | 486,652 | 93,196 | 104,378 |
| JAPAN | Catty | 9100 | 589,607 | 76,923 | 86,153 |
| KÖNIGSBERG | Pound | 7231 | 468,510 | 96,805 | 108,421 |

COMPARISON OF WEIGHTS.—AVOIRDUPOIS.

| | | Weight of a single lb. Rottolo, &c. | | Number equal to 100lb. Avoirdupois. | Number equal to 112lb. Avoirdupois. |
|-------------|-----------------------|--|--------------|---|---|
| | | Eng. Grains. | Fr. Grammes. | | |
| LEGHORN | Libbra | 5240 | 339,510 | 133,587 | 149,609 |
| LEIPSIK | Pound | 7206 | 466,891 | 97,141 | 108,798 |
| LIBAU | Pound | 6449 | 417,843 | 108,543 | 121,568 |
| LIEGE | Pound | 7330 | 474,925 | 95,497 | 106,956 |
| LUBEC | Pound | 7479,5 | 484,612 | 93,589 | 104,819 |
| LUCCA | Libbra, Peso Grosso | 5763,8 | 373,448 | 121,447 | 136,020 |
| | Libbra, Peso Sottile | 5213 | 337,770 | 134,279 | 150,392 |
| LUNEBURG | Pound | 7540 | 488,531 | 92,838 | 103,978 |
| LYONS | Livre, Poids de Soie | 7087,5 | 459,213 | 98,765 | 110,617 |
| | Livre, Poids de Table | 6615 | 428,599 | 105,820 | 118,518 |
| MADEIRA | Libra | 7076,5 | 458,500 | 98,919 | 110,789 |
| MAJORCA | Rottolo | 6174 | 400,026 | 113,378 | 126,983 |
| MALTA | Rottolo | 12216 | 791,499 | 57,302 | 64,178 |
| MANHEIM | Pound | 7638 | 494,881 | 91,647 | 102,644 |
| MANTUA | Libbra | 4871 | 315,602 | 143,707 | 160,952 |
| MARSEILLES | Livre, Poids de Table | 6296 | 407,950 | 111,181 | 124,523 |
| MECCA | Rottolo | 7144 | 462,874 | 97,984 | 109,742 |
| MECKLENBURG | Pound | 7458 | 483,218 | 93,859 | 105,122 |
| MILAN | Libbra, Peso Grosso | 11774 | 762,861 | 594,530 | 665,874 |
| | Libbra, Peso Sottile | 5044 | 326,811 | 138,778 | 155,431 |
| | Libbra Nuova | 15434 | 1000,000 | 45,354 | 50,796 |
| MODENA | Libbra | 4931,5 | 319,521 | 141,944 | 158,977 |
| MOROCCO | Pound | 8330 | 539,717 | 84,033 | 94,117 |
| MUNICH | Pound | 8656 | 560,839 | 80,868 | 90,572 |
| MUNSTER | Pound | 7353 | 476,415 | 95,199 | 106,623 |
| NAPLES | Cantaro Grosso | 13755 | 891,214 | 50,890 | 56,997 |
| | Cantaro Piccolo | 7420 | 480,756 | 94,339 | 105,660 |
| NETHERLANDS | New Pound | 15434 | 1000,000 | 45,354 | 50,796 |
| NEUFCHATEL | Livre, Poids de Marc | 7555 | 489,503 | 92,653 | 103,771 |
| | Livre, Poids de Fer | 8029 | 520,215 | 87,184 | 97,646 |
| NICE | Livre | 4809 | 311,584 | 145,560 | 163,027 |
| NUREMBERG | Pound | 7870 | 509,913 | 88,945 | 99,618 |
| OLDENBURG | Pound | 7476 | 484,384 | 94,633 | 104,868 |
| ORAN | Rottolo | 7775 | 503,758 | 90,032 | 100,835 |
| ORMUS | Seer | 4675 | 302,902 | 149,732 | 167,699 |
| OSNABURG | Pound | 7625 | 494,039 | 91,803 | 102,819 |
| OVIEDO | Libra | 10651 | 6990,996 | 65,721 | 73,607 |
| PADUA | Libbra, Peso Grosso | 7388,5 | 478,715 | 94,742 | 106,111 |
| | Libbra, Peso Sottile | 5250 | 340,158 | 133,333 | 149,333 |
| PARMA | Libbra | 5038 | 326,422 | 138,944 | 155,617 |
| PATRAS | Pound | 6168 | 399,637 | 113,488 | 127,106 |
| PERNAU | Pound | 6430 | 416,612 | 108,864 | 121,927 |
| PERSIA | Batman of Cherray | 88771 | 5751,692 | 78,854 | 88,316 |

COMPARISON OF WEIGHTS.—AVOIRDUPOIS.

| | | Weight of a single lb. Rottolo, &c. | | Number equal to 100lb. Avoirdupois. | Number equal to 112lb. Avoirdupois. |
|--------------------|-----------------------------------|--|--------------|---|---|
| | | Eng. Grains. | Fr. Grammes. | | |
| PERSIA | Batman of Tauris | 44385,5 | 2875,846 | 157,709 | 176,634 |
| POLAND | Cracow Pound | 6250 | 404,950 | 112,000 | 125,440 |
| | Warsaw Pound | 5832 | 377,866 | 120,027 | 134,430 |
| | New Pound | 6236 | 404,043 | 112,251 | 125,721 |
| PORTUGAL | Arratel | 7083 | 458,921 | 98,828 | 110,687 |
| PRAGUE | Pound | 7940 | 514,448 | 88,161 | 98,740 |
| PRUSSIA | Pound | 7218 | 467,668 | 96,979 | 108,617 |
| RAGUSA | Oke | 20671 | 1339,315 | 33,864 | 37,927 |
| RATISBON | Pound | 8777 | 568,679 | 79,753 | 89,323 |
| RAVENNA | Libbra | 4623 | 299,533 | 151,417 | 169,587 |
| REGGIO | Libbra | 5092 | 329,921 | 137,470 | 153,966 |
| REVAL | Pound | 6652 | 430,996 | 105,231 | 117,858 |
| RIGA | Pound | 6452 | 418,038 | 108,493 | 121,512 |
| ROME | Libbra | 5234 | 339,121 | 133,741 | 149,790 |
| ROSTOCK | Pound | 7852 | 508,746 | 89,149 | 99,846 |
| ROTTERDAM | Pound | 7625 | 494,039 | 91,803 | 102,819 |
| | Light Pound | 7243 | 469,288 | 96,645 | 108,242 |
| ROUEN | Livre, Poids de Vicomté | 8241 | 533,957 | 84,941 | 95,134 |
| RUSSIA | Pound | 6318,5 | 409,388 | 110,785 | 124,079 |
| ST. GALL | Heavy Pound | 9016 | 584,164 | 77,640 | 86,956 |
| | Light Pound | 7175 | 464,882 | 97,561 | 109,268 |
| SALTZBURG | Pound | 8642 | 559,932 | 80,999 | 90,718 |
| SARDINIA | Libbra | 6125 | 396,851 | 114,285 | 127,999 |
| SAYDE | Rottolo of 600 Drams | 28742 | 1862,251 | 24,355 | 272,776 |
| | Rottolo of Acre | 33740 | 2186,082 | 20,746 | 23,236 |
| SCOTLAND | Pound, Dutch Weight | 7600 | 492,419 | 92,105 | 103,157 |
| SICILY | Rottolo Grosso | 13475 | 8730,720 | 51,948 | 58,181 |
| | Rottolo Sottile | 12250 | 7937,020 | 57,143 | 64,000 |
| | Libbra | 4900 | 317,481 | 142,857 | 159,999 |
| SIENNA | Libbra | 6904 | 447,324 | 101,390 | 113,556 |
| SMYRNA | Oke | 19830 | 1284,825 | 35,300 | 39,536 |
| SPAIN | Libra | 7101 | 460,088 | 98,577 | 110,406 |
| STETTIN | Pound | 7219 | 467,733 | 96,966 | 108,602 |
| STRALSUND | Old Livre | 7460 | 483,348 | 93,833 | 105,092 |
| STRASBURG | Livre | 7266 | 470,778 | 96,339 | 107,899 |
| SWEDEN | Pound, Victualie Weight | 6563 | 425,229 | 106,658 | 119,456 |
| | Miners' Weight | 5801 | 375,858 | 120,668 | 135,148 |
| | Uppstads or Inland Town Weight | 5526 | 358,040 | 126,673 | 141,874 |
| | Metal or Staplestad Weight | 5250 | 340,158 | 133,333 | 149,333 |
| TRIESTE | Pound | 8639 | 559,738 | 81,027 | 90,750 |
| TRIPOLI, in Syria, | Oke | 18691 | 211,127 | 37,451 | 41,945 |

COMPARISON OF WEIGHTS.—AVOIRDUPOIS.

| | Weight of a single lb. Rottolo, &c. | | Number equal to 100lb. Avoirdupois. | Number equal to 112lb. Avoirdupois. | |
|-----------------------------------|--|--------------|---|---|---------|
| | Eng. Grains. | Fr. Grammes. | | | |
| TRIPOLI, in Africa, Rottolo | 7840 | 507,969 | 89,285 | 99,999 | |
| TUNIS | Rotul | 7773,5 | 503,660 | 90,049 | 100,855 |
| TURIN | Libbra | 5692 | 368,796 | 122,979 | 137,736 |
| VALENCIA | Heavy Pound | 8226 | 532,978 | 85,096 | 95,307 |
| | Light Pound | 5484 | 355,350 | 127,644 | 142,961 |
| VENICE | Libbra, Peso Grosso | 7363 | 477,063 | 95,069 | 106,772 |
| | Libbra, Peso Sottile | 4650 | 301,282 | 150,537 | 168,601 |
| | Libbra, Nuova | 15434 | 1000,000 | 45,354 | 50,796 |
| VERONA | Libbra, Peso Grosso | 7676 | 497,343 | 91,193 | 102,136 |
| | Libbra, Peso Sottile | 5134 | 332,642 | 136,345 | 152,706 |
| VIENNA | Pound | 8645 | 560,126 | 80,972 | 90,688 |
| ULM | Pound | 7234 | 468,705 | 96,765 | 108,377 |
| WIRTEMBERG | Pound | 7220 | 467,792 | 96,953 | 108,586 |
| WISMAR | Pound | 7625 | 494,039 | 91,803 | 102,819 |
| WURTZBURG | Pound | 7362 | 476,998 | 95,083 | 106,492 |
| ZANTE | (See Venice) | | | | |
| ZELL | Pound | 7511 | 486,652 | 93,196 | 104,378 |
| ZURICH | Heavy Pound | 8138 | 527,277 | 86,016 | 96,337 |
| | Light Pound | 7233 | 468,640 | 96,778 | 108,391 |

CORN MEASURE.

TABLE III.

Containing a Comparison of the Corn Measures of different Places; namely, the Contents of a single Measure in English Cubic Inches, in Bushels, and in French Litres; also the Number of Measures of each Place, corresponding to Eight Bushels, or One Quarter, Winchester Measure.

| | Contents of a single Measure of each sort. | | | Number of each equal to One English Quarter. |
|--------------------------------|--|----------|-------------|--|
| | Cubic Inches. | Bushels. | Fr. Litres. | |
| AIX LA CHAPELLE .. Fass | 1461 | 0,679 | 23,939 | 11,782 |
| ALEXANDRIA Rebebe | 9587 | 4,458 | 157,092 | 1,794 |
| ALGIERS Tarrie | 1219 | 0,567 | 19,974 | 14,109 |
| ALICANT Cahiz | 15038 | 6,993 | 246,412 | 1,144 |
| AMERSFOORT Mudde | 11457 | 5,327 | 187,744 | 1,502 |
| AMSTERDAM Mudde | 6788 | 3,157 | 111,256 | 2,534 |
| ANCONA Rubbio | 17459 | 8,119 | 286,100 | 0,985 |
| ANTWERP Hectolitre | 6102 | 2,837 | 100,000 | 2,818 |
| ARNHEIM Malder | 8333 | 3,875 | 136,541 | 2,064 |
| ARRAGON Cahiz | 11021 | 5,125 | 180,486 | 1,561 |
| AUGSBURG Schaf | 26812 | 12,467 | 439,341 | 0,641 |
| AZORES Alqueire | 731 | 0,340 | 11,978 | 23,530 |
| BARCELONA Quartera | 4175 | 1,941 | 68,419 | 4,121 |
| BASIL Sack | 7870 | 3,666 | 128,957 | 2,182 |
| BASTIA Stajo | 9153 | 4,256 | 150,000 | 1,879 |
| BAYONNE Conque | 2503 | 1,164 | 41,014 | 6,872 |
| BERGAMO Soma | 10020 | 4,659 | 164,187 | 1,720 |
| BERGEN Toende | 8488 | 3,947 | 139,084 | 2,026 |
| BERLIN Scheffel | 3180 | 1,479 | 52,107 | 5,409 |
| BERN Mutt | 10260 | 4,771 | 168,120 | 1,676 |
| BILBOA Fanega | 3668 | 1,706 | 60,104 | 4,689 |
| BOLOGNA Corba | 4503 | 2,094 | 73,786 | 3,820 |
| BOLSANO Scheffel | 6657 | 3,095 | 109,081 | 2,584 |
| BOULOGNE Setier | 10535 | 4,898 | 172,626 | 1,633 |
| BOURDEAUX Boisseau | 4682 | 2,177 | 76,708 | 3,674 |
| BREDA Viertel | 5236 | 2,435 | 85,826 | 3,285 |
| BREMEN Scheffel | 4339 | 2,017 | 71,098 | 3,966 |
| BRESLAU Scheffel | 4266 | 1,983 | 69,903 | 4,034 |
| BREST Tonneau | 84200 | 39,153 | 1379,701 | 0,204 |
| BRUGES Hoed | 10164 | 4,726 | 166,547 | 1,692 |

COMPARISON OF MEASURES.—CORN.

| | | Contents of a single Measure of each Sort. | | | Number of each equal to One English Quarter. |
|----------------|----------------|--|----------|-------------|--|
| | | Cubic Inches. | Bushels. | Fr. Litres. | |
| BRUNSWICK | Himten | 1898 | 0,882 | 31,100 | 9,070 |
| CADIZ | Fanega | 3439 | 1,599 | 56,351 | 5,003 |
| CALABRIA | Tomolo | 3119 | 1,450 | 51,108 | 5,517 |
| CANADA | Minot | 2339 | 1,088 | 38,327 | 7,353 |
| CANARY ISLES | Fanega | 3821 | 1,777 | 62,611 | 4,502 |
| CANDIA | Carga | 9288 | 4,322 | 152,193 | 1,851 |
| CASSEL | Viertel | 8710 | 4,050 | 142,722 | 1,975 |
| CLEVES | Malter | 10954 | 5,093 | 179,492 | 1,571 |
| COBLENTZ | Malter | 9742 | 4,530 | 159,632 | 1,766 |
| COBURG | Simra | 5353 | 2,489 | 87,727 | 3,214 |
| COLOGNE | Malter | 9891 | 4,599 | 162,073 | 1,739 |
| CONSTANTINOPLE | Killow | 2023 | 0,941 | 33,148 | 8,501 |
| COPENHAGEN | Toende | 8488 | 3,947 | 139,084 | 2,026 |
| CORUNNA | Ferrado | 1022 | 0,475 | 16,746 | 16,842 |
| CYPRUS | Medimno | 4583 | 2,131 | 75,097 | 3,754 |
| DANTZIC | Scheffel | 3337 | 1,552 | 54,680 | 5,155 |
| DEVENTER | Mudde | 7049 | 3,278 | 115,535 | 2,440 |
| DIEPPE | Mine | 6243 | 2,903 | 102,297 | 2,755 |
| DORDRECHT | Great Sack | 7638 | 3,552 | 125,163 | 2,252 |
| | Little Sack | 5728 | 2,664 | 93,872 | 3,003 |
| DRESDEN | Scheffel | 6455 | 3,002 | 105,788 | 2,664 |
| DUNKIRK | Sea Rasiere | 9153 | 4,256 | 150,000 | 1,879 |
| | Land Rasiere | 8136 | 3,783 | 133,316 | 2,114 |
| ELBING | Scheffel | 2965 | 1,378 | 48,584 | 5,805 |
| EMBDEN | Tonne | 11697 | 5,439 | 191,667 | 1,470 |
| ENGLAND | Bushel | 2150,4 | 1,000 | 35,236 | 8,000 |
| ERFURT | Scheffel | 3668 | 1,706 | 60,120 | 4,689 |
| FARO | Alqueire | 982 | 0,456 | 16,091 | 17,543 |
| FERRARA | Stajo | 1909 | 0,887 | 31,281 | 90,191 |
| FERROL | Ferrado | 1042 | 0,484 | 17,074 | 16,529 |
| FIUME | Metze | 3813 | 1,773 | 62,479 | 4,512 |
| FLORENCE | Stajo | 1486 | 0,691 | 24,369 | 11,577 |
| FRANCE | Setier | 9519,9 | 4,427 | 156,000 | 1,807 |
| | Hectolitre | 6102 | 2,837 | 100,000 | 2,819 |
| | Boisseau Usuel | 762,7 | 0,354 | 12,500 | 22,598 |
| FRANCFORT | Malter | 6590 | 3,064 | 107,984 | 2,611 |
| GENEVA | Coupe | 4739 | 2,203 | 77,653 | 3,631 |
| GENOA | Mina | 7367 | 3,426 | 120,716 | 2,335 |
| GOES | Sack | 4888 | 2,273 | 80,106 | 3,519 |
| GRONINGEN | Mudde | 5554 | 2,583 | 91,028 | 3,097 |
| HAABLEM | Sack | 4823 | 2,243 | 79,050 | 3,566 |
| HAGUE | Sack | 6546 | 3,044 | 107,282 | 2,628 |
| HAMBURG | Scheffel | 6426 | 2,988 | 105,296 | 2,677 |

| | | Contents of a single Measure of each Sort. | | | Number of each equal to One English Quarter. |
|-------------|----------------|--|----------|-------------|--|
| | | Cubic Inches. | Bushels. | Fr. Litres. | |
| HANAU | Malter | 6868 | 3,194 | 112,539 | 2,501 |
| HANOVER | Himtem | 1898 | 0,882 | 31,100 | 9,070 |
| HEIDELBERG | Malter | 6285 | 2,922 | 102,986 | 2,737 |
| HILDESHEIM | Scheffel | 3164 | 1,471 | 51,845 | 5,438 |
| HOLSTEIN | Toende | 8488 | 3,947 | 139,084 | 2,026 |
| KONIGSBERG | Scheffel | 3152 | 1,465 | 51,648 | 5,460 |
| LEGHORN | Sacco | 4435 | 2,062 | 72,672 | 3,879 |
| LEIPSIC | Scheffel | 8481 | 3,943 | 138,969 | 2,029 |
| LEWARDEN | Loop | 5092 | 2,368 | 83,442 | 3,378 |
| LEYDEN | Sack | 4165 | 1,937 | 68,271 | 4,130 |
| LIBAU | Lof | 4190 | 1,948 | 68,657 | 4,106 |
| LIEGE | Setier | 1827 | 0,849 | 29,937 | 9,422 |
| LISBON | Alqueire | 824,8 | 0,384 | 13,515 | 20,833 |
| LUBEC | Wheat Scheffel | 2041 | 0,949 | 33,444 | 8,429 |
| | Oat Scheffel | 2395 | 1,113 | 39,244 | 7,187 |
| LUCCA | Stajo | 1472 | 0,684 | 24,120 | 11,695 |
| LUNEBURG | Scheffel | 3799 | 1,767 | 62,250 | 4,527 |
| LYONS | Asnée | 11706 | 5,443 | 191,814 | 1,470 |
| MAGDEBURG | Scheffel | 3152 | 1,465 | 51,648 | 5,460 |
| MAJORCA | Quartera | 4301 | 1,999 | 70,476 | 4,002 |
| MALAGA | Fanega | 3439 | 1,599 | 56,351 | 5,003 |
| MALTA | Salma | 17678 | 8,221 | 289,672 | 0,973 |
| MANHEIM | Malter | 6285 | 2,922 | 102,986 | 2,737 |
| MANTUA | Stajo | 2146 | 0,998 | 35,164 | 8,016 |
| MARANHAM | Alqueire | 2772 | 1,288 | 45,422 | 6,211 |
| MARSEILLES | Charge | 9763 | 4,540 | 160,000 | 1,762 |
| MECKLENBURG | Scheffel | 2591 | 1,205 | 42,456 | 6,639 |
| MENTZ | Malter | 5558 | 2,584 | 91,073 | 3,095 |
| MIDDLEBURG | Sack | 4417 | 2,054 | 72,387 | 3,895 |
| MILAN | Stajo | 1115 | 0,518 | 18,270 | 15,444 |
| MINORCA | Quartera | 4301 | 1,999 | 70,476 | 4,002 |
| MODENA | Stajo | 4301 | 1,999 | 70,476 | 4,002 |
| MONTPELLIER | Setier | 3232 | 1,503 | 52,959 | 5,322 |
| MUNICH | Scheffel | 22130 | 10,290 | 362,622 | 0,777 |
| NANCY | Carte | 2925 | 1,360 | 47,929 | 5,880 |
| NANTÈS | Setier | 8739 | 4,063 | 143,197 | 1,968 |
| NAPLES | Tomolo | 3122 | 1,451 | 51,157 | 5,513 |
| NEDA | Ferrado | 1144 | 0,532 | 18,745 | 15,037 |
| NEGROPONT | Killow | 1849 | 0,859 | 30,297 | 9,313 |
| NETHERLANDS | Mudde | 6102 | 2,837 | 100,000 | 2,819 |
| NICE | Charge | 9763 | 4,540 | 160,000 | 1,762 |
| NIMEGUEN | Scheffel | 2546 | 1,184 | 41,721 | 6,756 |
| NUREMBERG | Malter | 10200 | 4,744 | 167,137 | 1,686 |

COMPARISON OF MEASURES.—CORN.

| | | Contents of a single Measure of each Sort. | | | Number of each equal to One English Quarter. |
|------------|--------------------|--|----------|-------------|--|
| | | Cubic Inches. | Bushels. | Fr. Litres. | |
| OLDENBURG | Tonne | 9946 | 4,624 | 162,975 | 1,730 |
| OSNABURG | Scheffel | 1753 | 0,815 | 28,724 | 9,815 |
| OVIEDO | Fanega | 4419 | 2,055 | 72,41 | 3,893 |
| PARMA | Stajo | 3135 | 1,458 | 51,370 | 5,487 |
| PATRAS | Staro | 5012 | 2,330 | 82,126 | 3,433 |
| PERNAU | Tonne | 7729 | 3,594 | 126,647 | 2,225 |
| PERSIA | Artaba | 4013 | 1,866 | 65,757 | 4,287 |
| POLAND | Korzec | 3120,8 | 1,451 | 51,137 | 5,513 |
| PRAGUE | Strick | 6516 | 3,030 | 106,771 | 2,640 |
| PRUSSIA | Scheffel | 3353,6 | 1,559 | 54,952 | 5,130 |
| RAGUSA | Stajo | 9072 | 4,218 | 148,653 | 1,896 |
| RATISBON | Maass | 16016 | 7,448 | 262,445 | 1,074 |
| REVAL | Tonne | 7219 | 3,356 | 118,290 | 2,383 |
| RIGA | Loop | 4166 | 1,937 | 68,269 | 4,130 |
| ROCHELLE | Boisseau | 2007 | 0,933 | 32,886 | 8,574 |
| ROME | Rubbio | 17970 | 8,356 | 294,465 | 0,957 |
| ROSTOCK | Scheffel | 2372 | 1,103 | 38,877 | 7,253 |
| ROTTERDAM | Sack | 6320 | 2,939 | 103,583 | 2,722 |
| ROUEN | Setier | 10920 | 5,077 | 178,893 | 1,575 |
| RUSSIA | Chetwert | 12800 | 5,952 | 209,740 | 1,344 |
| ST. GALL | Charge | 4443 | 2,066 | 72,802 | 3,872 |
| ST. MALOES | Boisseau | 2697 | 1,254 | 44,193 | 6,379 |
| ST. VALERY | Setier | 9356 | 4,350 | 153,307 | 1,839 |
| SALONICA | Killow | 1184 | 5,505 | 19,401 | 1,453 |
| SARDINIA | Starello | 2988 | 1,389 | 48,961 | 5,759 |
| SCOTLAND | Wheat Firlot | 2197,3 | 1,022 | 36,005 | 7,827 |
| | Barley Firlot | 3205,5 | 1,490 | 52,525 | 5,369 |
| SICILY | Salma Grossa | 21014 | 9,771 | 34,433 | 0,818 |
| | Salma Generale | 16886 | 7,851 | 27,669 | 1,019 |
| SMYRNA | Killow | 3132 | 1,456 | 51,321 | 5,494 |
| SPAIN | Fanega | 3439 | 1,599 | 56,351 | 5,003 |
| STETTIN | Scheffel | 3180 | 1,479 | 52,107 | 5,409 |
| STRALSUND | Scheffel | 2378 | 1,105 | 38,966 | 7,239 |
| STRASBURG | Land Setier | 1154 | 0,536 | 18,909 | 14,925 |
| | City Setier | 1118 | 0,520 | 18,319 | 15,384 |
| SWEDEN | Tunna of 32 Kappar | 8940 | 4,157 | 146,490 | 1,924 |
| | Kann | 159,6 | 0,0742 | 2,615 | 107,816 |
| TEXEL | Loop | 3819 | 1,776 | 62,581 | 4,504 |
| TRIESTE | Stajo | 5040,6 | 2,344 | 82,611 | 3,413 |
| | Metzen | 3706 | 1,723 | 60,733 | 4,643 |
| | Polonick | 1853 | 0,861 | 30,367 | 9,291 |
| TUNIS | Caffice | 32256 | 15,000 | 528,540 | 0,533 |
| TURIN | Sacco | 7015 | 3,264 | 115,000 | 2,451 |

| | | Contents of a single Measure of each Sort. | | | Number of each equal to One English Quarter. |
|------------|----------------|--|----------|-------------|--|
| | | Cubic Inches. | Bushels. | Fr. Litres. | |
| VALENCIA | Cahiz | 12526 | 5,825 | 205,257 | 1,373 |
| VENICE | Stajo | 4882 | 2,270 | 80,000 | 3,524 |
| VERONA | Minello | 2221 | 1,033 | 36,393 | 7,745 |
| VIANNA | Alqueire | 1031 | 0,479 | 16,894 | 16,701 |
| VIENNA | Metzen | 3753 | 1,745 | 61,496 | 4,584 |
| ULM | Imrai | 14021 | 6,519 | 229,748 | 1,227 |
| UTRECHT | Sack | 5498 | 2,557 | 90,116 | 3,128 |
| WIRTEMBERG | Scheffel | 10889 | 5,064 | 178,440 | 1,579 |
| WISMAR | Wheat Scheffel | 2478 | 1,152 | 40,592 | 6,944 |
| | Oat Scheffel | 2616 | 1,216 | 42,852 | 6,578 |
| ZANTE | Corfu Misura | 1284,78 | 0,597 | 21,062 | 13,400 |
| ZEALAND | Sack | 4556 | 2,119 | 74,660 | 3,775 |
| ZELL | Himten | 1898 | 0,882 | 31,099 | 9,070 |
| ZURICH | Mutt | 5048 | 2,347 | 82,716 | 3,408 |
| ZWOLL | Mudde | 6851 | 3,186 | 112,286 | 2,511 |

WINE MEASURE.

TABLE IV.

Containing a Comparison of the Liquid Measures of different Places; viz. 1st, the Contents of a single Measure in English Cubic Inches; 2d, in English Gallons; 3d, in French Litres; and, 4th, the Number of Gallons, &c. of each Place that are equal to 100 English Gallons.

| | | Contents of a single Measure of each sort. | | | Number of each equal to 100 English Gallons. |
|--------------|----------------|--|-------------|-------------|--|
| | | Cubic Inches. | E. Gallons. | Fr. Litres. | |
| ABYSSINIA | Cuba | 62 | 0,268 | 1,016 | 373,134 |
| ALICANT | Cantara | 705 | 3,052 | 11,554 | 32,765 |
| AMSTERDAM | Wine Stekan | 1184 | 5,126 | 19,403 | 19,508 |
| | Brandy Stekan | 1145 | 4,956 | 18,759 | 20,177 |
| | Beer Stekan | 1199 | 5,193 | 19,656 | 19,256 |
| ANCONA | Soma | 5241 | 22,698 | 85,917 | 4,405 |
| ANTWERP | Stoop | 167 | 0,726 | 2,748 | 137,741 |
| ARRAGON | Wine Cantaro | 629 | 2,724 | 10,313 | 36,710 |
| | Brandy Cantaro | 852 | 3,690 | 13,970 | 27,100 |
| AUGSBURG | Mass | 90,3 | 0,391 | 1,479 | 255,754 |
| BARCELONA | Carga | 7552 | 32,695 | 123,756 | 3,058 |
| BARI | Oil Salma | 10100 | 43,718 | 165,498 | 2,287 |
| BASIL | Ohm | 3053 | 13,215 | 50,026 | 7,567 |
| BASTIA | Barile | 8543 | 36,986 | 140,000 | 2,703 |
| BAYONNE | Velte | 451 | 1,952 | 7,390 | 51,229 |
| BERGAMO | Brenta | 4441 | 19,223 | 72,761 | 5,202 |
| BERLIN | Anker | 2285,5 | 9,894 | 37,450 | 10,107 |
| BERNE | Mass | 102 | 0,441 | 1,671 | 226,757 |
| BOLOGNA | Corba | 4503 | 19,493 | 73,782 | 5,130 |
| BOURDEAUX | Barrique | 14033 | 60,748 | 229,937 | 1,646 |
| | Velte | 438 | 1,896 | 7,177 | 52,742 |
| BREMEN | Stubgen | 194,5 | 0,842 | 3,187 | 118,764 |
| BRESLAU | Eimer | 3389 | 14,670 | 55,532 | 6,816 |
| BRUNSWICK | Stubgen | 224 | 0,969 | 3,669 | 103,199 |
| BURGUNDY | Quartaut | 6275 | 27,161 | 102,822 | 3,685 |
| CANARY ISLES | Arroba | 981 | 4,245 | 16,073 | 23,557 |
| CANDIA | Oil Mistate | 681 | 2,949 | 11,164 | 33,909 |
| CASSEL | Quartlin | 499 | 2,160 | 8,175 | 46,296 |
| CHAMPAGNE | Quartaut | 5496 | 23,789 | 90,057 | 4,203 |
| COGNAC | Brandy Velte | 446 | 1,930 | 7,308 | 51,813 |

COMPARISON OF MEASURES.—WINE.

| | | Contents of a single Measure of each Sort. | | | Number of each equal to 100 English Gallons. |
|----------------|--------------|--|-------------|-------------|--|
| | | Cubic Inches. | E. Gallons. | Fr. Litres. | |
| COLOGNE | Viertel | 365 | 1,580 | 5,980 | 63,291 |
| CONSTANTINOPLE | Almud | 319 | 1,381 | 5,227 | 72,411 |
| COPENHAGEN | Viertel | 471,5 | 2,041 | 7,726 | 48,995 |
| | Anker | 2298 | 9,947 | 37,655 | 10,049 |
| CORFU | Barile | 4158 | 18,000 | 68,133 | 5,555 |
| CYPRUS | Cass. | 288,7 | 1,250 | 4,731 | 80,000 |
| DANTZIC | Ohm | 9142 | 39,572 | 149,756 | 2,527 |
| DRESDEN | Eimer | 4128 | 17,870 | 67,639 | 5,596 |
| DUNKIRK | Lot | 140 | 0,608 | 2,302 | 164,473 |
| ENGLAND | Wine Gallon | 231 | 1,000 | 3,785 | 100,000 |
| | Beer Gallon | 282 | 1,220 | 4,621 | 81,967 |
| ERFURT | Wine Eimer | 4398 | 19,040 | 72,072 | 5,252 |
| | Beer Eimer | 4402 | 19,059 | 72,144 | 5,249 |
| FARO | Almude | 1131 | 4,896 | 18,532 | 20,425 |
| FERRARA | Mastello | 3379,5 | 14,630 | 55,378 | 6,835 |
| FIUME | Orna | 3253 | 14,082 | 53,303 | 7,101 |
| FLORENCE | Wine Barile | 2781,7 | 12,042 | 45,584 | 8,304 |
| | Oil Barile | 2040 | 8,831 | 33,428 | 11,323 |
| FRANCE | Setier | 454 | 1,966 | 7,444 | 50,864 |
| | Hectolitre | 6102,8 | 26,419 | 100,000 | 3,785 |
| FRANCFORT | Viertel | 450 | 1,948 | 7,373 | 51,334 |
| GALICIA | Moyo | 9886 | 42,798 | 161,991 | 2,336 |
| GALLIPOLI | Oil Salma | 9459 | 40,948 | 154,992 | 2,442 |
| GENEVA | Setier | 2760 | 11,948 | 45,224 | 8,369 |
| GENOA | Wine Barile | 4530 | 19,610 | 74,225 | 5,099 |
| | Oil Barile | 3946 | 17,082 | 64,657 | 5,854 |
| HAMBURG | Ahm | 8836 | 38,250 | 144,786 | 2,614 |
| HANOVER | Ahm | 9493 | 41,095 | 155,552 | 2,433 |
| HEIDELBERG | Maass | 140,4 | 0,607 | 2,300 | 164,744 |
| HUNGARY, UPPER | Eimer | 4474 | 19,368 | 73,316 | 5,163 |
| HUNGARY, LOWER | Eimer | 3472 | 15,030 | 56,892 | 6,653 |
| | Tokay Anthal | 3084 | 13,350 | 50,534 | 7,490 |
| IRELAND | Gallon | 217,6 | 0,942 | 3,565 | 106,157 |
| KONIGSBERG | Stof | 87,5 | 0,378 | 1,433 | 264,550 |
| LEGHORN | Wine Barile | 2781 | 12,042 | 45,584 | 8,304 |
| | Oil Barile | 2040 | 8,831 | 33,428 | 11,323 |
| LEIPSIC | Eimer | 4644 | 20,102 | 76,099 | 4,974 |
| LIBAU | Oxhoft | 14436 | 62,487 | 236,548 | 1,600 |
| LINDAU | Quart | 140 | 0,606 | 2,294 | 165,016 |
| LISBON | Almude | 1009,5 | 4,370 | 16,541 | 22,883 |
| LISLE | Lot | 126 | 0,545 | 2,064 | 183,486 |
| LUBEC | Viertel | 441,9 | 1,913 | 7,241 | 52,273 |
| LUCCA | Oil Coppo | 6093 | 26,373 | 99,839 | 3,791 |

COMPARISON OF MEASURES.—WINE.

| | | Contents of a single Measure of each Sort. | | | Number of each equal to 100 English Gallons. |
|----------------|-------------------|--|-------------|-------------|--|
| | | Cubic Inches. | E. Gallons. | Fr. Litres. | |
| LYONS | Asnée | 5038 | 21,809 | 82,549 | 4,585 |
| MAJORCA | Quartin | 1655,8 | 7,168 | 27,131 | 13,951 |
| MALAGA | Arroba | 967 | 4,186 | 15,850 | 23,889 |
| MALTA | Oil Caffiso | 1270 | 5,497 | 20,810 | 18,191 |
| MANTUA | Oil Moggio | 6804 | 29,454 | 111,489 | 3,395 |
| MARSEILLES | Millerolle | 3924,7 | 16,990 | 64,330 | 5,886 |
| MENTZ | Maass | 114 | 0,493 | 1,868 | 202,839 |
| MESSINA | Wine Salma | 5331 | 23,079 | 87,360 | 4,333 |
| | Oil Caffiso | 714 | 3,090 | 11,699 | 32,362 |
| MILAN | Brenta | 4357,5 | 18,865 | 71,405 | 5,301 |
| MINORCA | Gerra | 736 | 3,187 | 12,063 | 31,377 |
| MONTPELLIER | Wine Barrique | 1550 | 6,710 | 25,398 | 14,903 |
| | Oil Barrique | 2028 | 8,778 | 33,231 | 11,392 |
| MUNICH | Wine Eimer | 2252 | 9,750 | 37,020 | 10,256 |
| NANTES | Wine Barrique | 14645 | 63,405 | 240,000 | 1,577 |
| | Brandy Velte | 343 | 1,484 | 5,617 | 67,385 |
| NAPLES | Wine Barile | 2544 | 11,013 | 41,685 | 9,080 |
| | Oil Salma | 9884 | 42,783 | 161,959 | 2,337 |
| NETHERLANDS | Vat | 6102,8 | 26,419 | 100,000 | 3,785 |
| NICE | Rubbio | 479,5 | 2,076 | 7,857 | 48,169 |
| NUREMBERG | Eimer Visiermass | 4149 | 17,959 | 67,984 | 5,567 |
| | Eimer Schenkinass | 3872 | 16,761 | 63,439 | 5,966 |
| OLDENBURG | Oxhoft | 15230 | 65,930 | 249,558 | 1,516 |
| OPORTO | Almude | 1555 | 6,731 | 25,480 | 14,856 |
| OSNABURG | Viertel | 298 | 1,290 | 4,883 | 77,519 |
| OVIEDO | Cantara | 1177 | 5,098 | 19,286 | 19,615 |
| PERNAU | Anker | 2364 | 10,233 | 38,736 | 9,772 |
| POLAND | Garniec | 97 | 0,419 | 1,590 | 238,663 |
| PRAGUE | Eimer | 3916 | 16,950 | 64,167 | 5,899 |
| PRUSSIA | Eimer | 4192 | 18,145 | 68,690 | 5,511 |
| RAGUSA | Barrel | 4704 | 20,363 | 77,075 | 4,911 |
| RATISBON | Great Eimer | 6934 | 30,014 | 113,620 | 3,331 |
| | Berg Eimer | 5359 | 23,196 | 87,812 | 4,311 |
| REVAL | Anker | 2580 | 11,172 | 42,276 | 8,951 |
| RIGA | Anker | 2386 | 10,333 | 39,097 | 9,677 |
| RIO DE JANEIRO | Medida | 161,7 | 0,700 | 2,651 | 142,857 |
| ROCHELLE | Wine Barrique | 10636 | 46,039 | 174,279 | 2,172 |
| | Brandy Velte | 446 | 1,930 | 7,308 | 51,813 |
| ROME | Wine Barrile | 3560,4 | 15,413 | 58,341 | 6,488 |
| | Oil Barrile | 3507 | 15,185 | 57,480 | 6,585 |
| ROSTOCK | Anker | 2209 | 9,562 | 36,199 | 10,458 |
| ROTTERDAM | Ahm | 9238,4 | 39,993 | 151,380 | 2,500 |
| ROUEN | Barrique | 11940 | 51,688 | 195,648 | 1,934 |

| | | Contents of a single Measure of each Sort. | | | Number of each equal to 100 English Gallons. |
|--------------|-------------|--|-------------|-------------|--|
| | | Cubic Inches. | E. Gallons. | Fr. Litres. | |
| RUSSIA | Vedro | 750 | 3,246 | 12,289 | 30,807 |
| SCHAFFHAUSEN | Mass | 80 | 0,346 | 1,311 | 289,017 |
| SCOTLAND | Pint | 103,4 | 0,447 | 1,694 | 223,713 |
| SPAIN | Wine Arroba | 981 | 4,245 | 16,073 | 23,557 |
| | Oil Arroba | 771 | 3,337 | 12,633 | 29,966 |
| STRALSUND | Stubgen | 237 | 1,027 | 3,883 | 97,371 |
| STRASBURG | Ohm | 2813 | 12,176 | 46,093 | 8,212 |
| SWEDEN | Kann | 159,6 | 0,691 | 2,615 | 144,717 |
| TRIESTE | Wine Orna | 3452 | 14,942 | 56,564 | 6,692 |
| TUNIS | Millerolle | 3924,7 | 16,990 | 64,330 | 5,886 |
| | Oil Mettar | 1183,8 | 5,125 | 19,397 | 19,512 |
| TURIN | Rubbio | 573 | 2,480 | 9,389 | 40,322 |
| VALENCIA | Arroba | 719 | 3,112 | 11,786 | 32,133 |
| VENICE | Secchio | 659 | 2,853 | 10,800 | 35,051 |
| | Oil Miro | 930 | 4,028 | 15,238 | 24,826 |
| VERONA | Brenta | 4417 | 19,119 | 72,377 | 5,230 |
| | Oil Bassa | 276 | 1,194 | 4,522 | 83,752 |
| VIENNA | Eimer | 3452 | 14,942 | 56,564 | 6,692 |
| WISMAR | Viertel | 441,9 | 1,913 | 7,241 | 52,273 |
| ZANTE | Barile | 4071 | 17,625 | 66,707 | 5,673 |
| ZELL | Stubgen | 237 | 1,025 | 3,883 | 97,561 |
| ZURICH | Land Maass | 111,3 | 0,481 | 1,823 | 207,900 |
| | City Maass | 100,2 | 0,433 | 1,642 | 230,946 |
| | Oil Maass | 84 | 0,363 | 1,376 | 275,482 |

CLOTH MEASURE.

TABLE V.

Containing a Comparison of the Cloth Measures of different Countries. It shews the Length of each Measure in English Inches and in French Decimetres; also the Number of Ells, Aunes, &c. of each Place that correspond to 100 English Yards.

| | Length of a single Measure of each Sort. | | Number of each equal to 100 English Yards. |
|---|--|-----------------|--|
| | English Inches. | Fr. Decimetres. | |
| ABYSSINIA Pic | 27,00 | 6,857 | 133,333 |
| AIX LA CHAPELLE.. Ell | 26,33 | 6,687 | 136,726 |
| ALEPPO Pic | 26,66 | 6,771 | 135,033 |
| ALEXANDRIA Pic | 26,80 | 6,806 | 134,328 |
| ALGIERS, TURKISH. Pic | 24,53 | 6,230 | 146,759 |
| MOORISH . Pic | 18,40 | 4,673 | 195,652 |
| ALICANT Vara | 29,95 | 7,607 | 120,200 |
| AMSTERDAM Ell | 27,07 | 6,878 | 132,988 |
| ANCONA Braccio | 25,33 | 6,433 | 142,124 |
| ANTWERP Silk Ell | 27,32 | 6,939 | 131,771 |
| Woollen Ell | 26,96 | 6,846 | 133,531 |
| ARRAGON Vara | 30,22 | 7,675 | 119,126 |
| AUGSBURG Long Ell | 24,00 | 6,095 | 150,000 |
| Short Ell | 23,32 | 5,923 | 154,373 |
| BARCELONA Canna | 21,06 | 5,350 | 170,940 |
| BASIL Aune | 46,38 | 11,780 | 77,619 |
| Brasse | 21,41 | 5,438 | 168,145 |
| BATAVIA Ell | 27,00 | 6,857 | 133,333 |
| BAYONNE. Aune | 34,80 | 8,838 | 103,448 |
| BENGAL Cubit | 18,00 | 4,571 | 200,000 |
| BERGAMO Braccio | 25,80 | 6,553 | 139,534 |
| BERGEN Ell | 24,71 | 6,276 | 145,690 |
| BERLIN Ell | 26,25 | 6,668 | 137,142 |
| BERNE Ell | 21,40 | 5,433 | 168,224 |
| BETELFAGUI Guz | 25,00 | 6,349 | 144,000 |
| BOLOGNA. Woollen Braccio. | 25,00 | 6,349 | 144,000 |
| Silk Braccio | 23,46 | 5,955 | 153,452 |
| BOLSANO Ell | 31,11 | 7,902 | 115,718 |
| Braccio | 21,64 | 5,497 | 166,358 |
| BOMBAY Covid | 18,00 | 4,571 | 200,000 |

| | | Length of a single Measure of each Sort. | | Number of each equal to 100 English Yards. |
|--------------------------|---------------------------|--|-----------------|--|
| | | English Inches. | Fr. Decimetres. | |
| BOURDEAUX | Aune | 46,93 | 11,959 | 76,709 |
| BRABANT | Ell | 27,58 | 7,006 | 130,529 |
| BRAZIL | Vara | 43,50 | 11,048 | 82,758 |
| BREMEN | Ell | 22,76 | 5,781 | 158,172 |
| BRESCIA | Ell | 18,40 | 4,673 | 195,652 |
| BRESLAU | Ell | 22,67 | 5,759 | 158,800 |
| BRUNSWICK | Ell | 22,46 | 5,704 | 160,284 |
| CAIRO | Pic | 26,80 | 6,806 | 134,329 |
| CALEMBERG | Ell | 22,90 | 5,816 | 157,205 |
| CALICUT | Guz | 28,40 | 7,210 | 126,760 |
| CANDIA | Pic | 25,11 | 6,377 | 143,369 |
| CASSEL | Ell | 22,11 | 5,617 | 162,822 |
| CHINA | Covid | 14,62 | 3,713 | 246,238 |
| COBLENTZ | Ell | 22,00 | 5,585 | 163,636 |
| COBURG | Ell | 23,07 | 5,857 | 156,046 |
| COLOGNE | Long Ell | 27,34 | 6,941 | 131,675 |
| | Short Ell | 22,62 | 5,745 | 159,151 |
| CONSTANTINOPLE | Long Pic | 27,90 | 7,083 | 129,032 |
| | Short Pic | 27,06 | 6,870 | 133,037 |
| COPENHAGEN | Ell | 24,71 | 6,276 | 145,690 |
| CREMONA | Braccio | 24,24 | 6,157 | 148,514 |
| CYPRUS | Pic | 26,45 | 6,715 | 136,105 |
| DAMASCUS | Pic | 22,93 | 5,822 | 156,999 |
| DANTZIC | Ell | 22,60 | 5,738 | 159,292 |
| DRESDEN | Ell | 22,28 | 5,658 | 161,579 |
| DUNKIRK | Aune | 26,62 | 6,762 | 135,236 |
| ELBING | Ell | 22,30 | 5,664 | 161,434 |
| EMBDEN | Ell | 26,40 | 6,704 | 136,363 |
| ENGLAND | Yard | 36,00 | 9,144 | 100,000 |
| | Ell | 45,00 | 11,429 | 80,000 |
| ERFURT | Long Ell | 23,38 | 5,940 | 153,977 |
| | Short Ell | 15,90 | 4,036 | 226,415 |
| FERRARA | Woollen Braccio | 26,33 | 6,690 | 136,726 |
| | Silk Braccio | 24,75 | 6,284 | 145,454 |
| FLORENCE | Braccio | 22,98 | 5,836 | 156,657 |
| FRANCE | Aune | 46,85 | 11,886 | 76,841 |
| | Aune Usuelle | 47,24 | 12,000 | 76,206 |
| | Metre | 39,37 | 10,000 | 91,440 |
| FRANCFORT | Ell | 21,24 | 5,392 | 169,491 |
| GAMRON | Guz | 38,70 | 9,826 | 93,023 |
| GENEVA | Aune | 45,00 | 11,429 | 80,000 |
| GENOA | Braccio | 22,69 | 5,764 | 158,660 |
| | Canna Grossa | 116,70 | 29,630 | 30,848 |

COMPARISON OF MEASURES.—CLOTH.

| | | Length of a single Measure of each Sort. | | Number of each equal to 100 English Yards. |
|-------------|--------------------|--|-----------------|--|
| | | English Inches. | Fr. Decimetres. | |
| GENOA | Canna Piccola | 87,52 | 22,229 | 41,133 |
| | Custom-House Canna | 97,25 | 24,691 | 37,018 |
| GUINEA | Jacktan | 144,90 | 36,574 | 25,000 |
| HAGUE | Ell | 27,33 | 6,942 | 131,723 |
| HAMBURG | Ell | 22,58 | 5,733 | 159,433 |
| HANOVER | Ell | 22,90 | 5,816 | 157,205 |
| HILDESHEIM | Ell | 22,10 | 5,613 | 162,895 |
| INSBRUCK | Ell | 31,00 | 7,873 | 116,129 |
| JAPAN | Inc | 74,90 | 19,017 | 48,064 |
| KIEL | Ell | 22,64 | 5,752 | 159,010 |
| KONIGSBERG | Ell | 22,62 | 5,745 | 159,151 |
| LEGHORN | Braccio | 23,98 | 5,836 | 156,657 |
| LEIPSIC | Ell | 22,22 | 5,644 | 162,016 |
| LEYDEN | Ell | 26,89 | 6,830 | 133,878 |
| LIBAU | Ell | 24,04 | 6,104 | 149,750 |
| LIEGE | Ell | 21,71 | 5,515 | 165,822 |
| | Vara | 43,20 | 10,968 | 83,333 |
| | Covado | 26,70 | 6,781 | 134,831 |
| | Palmo Avantejado | 8,90 | 2,260 | 404,494 |
| | Palmo de Craviera | 8,64 | 2,193 | 416,666 |
| LISLE | Aune | 27,70 | 7,033 | 129,963 |
| LUBEC | Ell | 22,69 | 5,761 | 158,660 |
| LUCCA | Woollen Braccio | 23,80 | 6,042 | 151,260 |
| | Silk Braccio | 22,80 | 5,789 | 157,894 |
| LUNEBURG | Ell | 22,90 | 5,816 | 157,205 |
| LYONS | Aune | 46,20 | 11,741 | 77,922 |
| MADRAS | Covid | 18,00 | 4,571 | 200,000 |
| MAESTRICHT | Ell | 26,91 | 6,835 | 133,779 |
| MAJORCA | Canna | 67,50 | 17,138 | 53,333 |
| MALACCA | Covid | 18,13 | 4,603 | 198,565 |
| MALTA | Canna | 81,90 | 20,794 | 43,956 |
| MANHEIM | Ell | 21,99 | 5,558 | 163,710 |
| MANTUA | Braccio | 25,00 | 6,349 | 144,000 |
| MARSEILLES | Aune | 46,77 | 11,880 | 76,972 |
| MEMEL | Ell | 22,62 | 5,745 | 159,151 |
| MENTZ | Ell | 21,60 | 5,486 | 166,666 |
| MILAN | Braccio | 23,42 | 5,949 | 153,714 |
| | Metro | 39,37 | 10,000 | 91,440 |
| MOCHA | Guz | 25,00 | 6,349 | 144,000 |
| | Covit | 19,00 | 4,824 | 189,473 |
| MODENA | Braccio | 24,31 | 6,175 | 148,087 |
| MONTPELLIER | Canne | 78,24 | 19,874 | 46,012 |
| MOROCCO | Cubit | 21,00 | 5,332 | 171,428 |

COMPARISON OF MEASURES.—CLOTH.

| | | Length of a single Measure of each Sort. | | Number of each equal to 100 English Yards. |
|-----------------|--------------------|--|-----------------|--|
| | | English Inches. | Fr. Decimetres. | |
| MUNICH | Ell | 32,90 | 8,353 | 109,422 |
| MUNSTER | Ell | 31,84 | 8,084 | 113,065 |
| NAMUR | Ell | 26,11 | 6,632 | 137,878 |
| NANCY | Aune | 25,18 | 6,397 | 142,970 |
| NANTES | Aune | 55,80 | 14,166 | 64,516 |
| NAPLES | Canna | 83,00 | 21,073 | 43,373 |
| NARVA | Ell | 23,55 | 5,982 | 152,866 |
| NETHERLANDS | Ell | 39,37 | 10,000 | 91,440 |
| NEUFCHATEL | Aune | 43,80 | 11,125 | 82,191 |
| NICE | Ell | 46,77 | 11,875 | 76,972 |
| NIMEGUEN | Ell | 26,11 | 6,632 | 137,878 |
| NUREMBERG | Ell | 25,96 | 6,596 | 138,675 |
| OLDENBURG | Ell | 22,76 | 5,781 | 158,172 |
| ORAN | Pic | 27,00 | 6,857 | 133,333 |
| OSNABURG | Long Ell | 23,70 | 6,017 | 151,898 |
| | Short Ell | 22,96 | 5,833 | 156,794 |
| OUDENARDE | Ell | 26,28 | 6,677 | 136,986 |
| OSTEND | Ell | 27,53 | 6,993 | 130,766 |
| OVIEDO | Vara | 34,02 | 8,637 | 105,820 |
| PADUA | Woollen Braccio | 26,80 | 6,812 | 134,328 |
| | Silk Braccio | 25,30 | 6,429 | 142,292 |
| PARMA | Cloth Braccio | 25,10 | 6,377 | 143,426 |
| | Silk Braccio | 23,10 | 5,865 | 155,844 |
| | Surveyors' Braccio | 21,34 | 5,420 | 168,697 |
| PATRAS | Linen Pic | 27,00 | 6,857 | 133,333 |
| | Silk Pic | 25,00 | 6,349 | 144,000 |
| PERNAU | Ell | 21,60 | 5,486 | 166,666 |
| PERSIA | Royal Guerze | 37,21 | 9,456 | 96,748 |
| | Arish | 38,27 | 9,716 | 94,068 |
| POLAND | Ell | 24,30 | 6,169 | 148,148 |
| PRAGUE | Ell | 23,32 | 5,923 | 154,373 |
| PRINCE OF WALES | | | | |
| ISLAND | Astah | 18,00 | 4,571 | 200,000 |
| PRUSSIA | Ell | 26,25 | 6,669 | 137,142 |
| RAGUSA | Ell | 20,20 | 5,132 | 178,217 |
| RATISBON | Ell | 31,90 | 8,110 | 112,852 |
| RAVENNA | Braccio | 26,46 | 6,722 | 136,054 |
| REGGIO | Braccio | 20,85 | 5,295 | 172,661 |
| REVAL | Ell | 21,80 | 5,355 | 170,616 |
| RHODES | Pic | 29,76 | 7,559 | 120,967 |
| RIGA | Ell | 21,58 | 5,479 | 166,821 |
| RIO DE JANEIRO | Vara | 43,50 | 11,048 | 82,758 |
| ROCHELLE | Aune | 46,50 | 11,820 | 77,419 |

COMPARISON OF MEASURES.—CLOTH.

| | | Length of a single Measure of each Sort. | | Number of each equal to 100 English Yards. |
|--------------------|----------------------------|--|-----------------|--|
| | | English Inches. | Fr. Decimetres. | |
| ROME | Canna Mercantile..... | 78,34 | 19,900 | 45,953 |
| | Builders' Canna..... | 87,96 | 22,342 | 40,927 |
| ROSTOCK | Ell..... | 22,76 | 5,783 | 158,172 |
| ROTTERDAM | Ell..... | 27,20 | 6,902 | 132,352 |
| ROUEN | Linen Aune..... | 55,00 | 13,967 | 65,454 |
| | Silk and Woollen Aune..... | 45,80 | 11,639 | 78,602 |
| RUSSIA | Arsheen..... | 28,00 | 7,109 | 128,571 |
| SALTZBURG | Linen Ell..... | 39,59 | 10,056 | 90,932 |
| | Silk Ell..... | 31,56 | 8,017 | 114,068 |
| ST. GALL | Linen Ell..... | 31,56 | 8,017 | 114,068 |
| | Cloth Ell..... | 24,20 | 6,158 | 148,760 |
| ST. MALOES | Aune..... | 53,00 | 13,471 | 67,924 |
| SARDINIA | Ell..... | 21,62 | 5,488 | 166,512 |
| SCHAFFHAUSEN | Ell..... | 23,74 | 6,030 | 151,642 |
| SCIOS | Long Pic..... | 27,00 | 6,857 | 133,333 |
| | Short Pic..... | 25,98 | 6,600 | 138,568 |
| SCOTLAND | Ell..... | 37,20 | 9,445 | 96,774 |
| SIAM | Voua..... | 75,75 | 19,239 | 47,524 |
| SICILY | Canna..... | 76,25 | 19,360 | 47,213 |
| SIENNA | Cloth Braccio..... | 14,86 | 3,776 | 242,261 |
| | Linen Braccio..... | 23,63 | 6,002 | 152,348 |
| SMYRNA | Pic..... | 27,00 | 6,857 | 133,333 |
| SPAIN | Vara..... | 33,38 | 8,475 | 107,849 |
| STETTIN | Ell..... | 25,62 | 6,508 | 140,515 |
| STRALSUND | Ell..... | 22,90 | 5,820 | 157,205 |
| STRASBURG | Aune..... | 21,20 | 5,382 | 169,811 |
| STUTGARD | Ell..... | 24,08 | 6,116 | 149,501 |
| SURAT | Guz..... | 28,20 | 7,162 | 127,659 |
| | Covid..... | 18,50 | 4,698 | 194,594 |
| SWEDEN | Ell..... | 23,36 | 5,934 | 154,109 |
| THORN | Ell..... | 22,42 | 5,695 | 160,570 |
| TOULOUSE | Canne..... | 71,67 | 18,206 | 50,230 |
| TOURNAY | Ell..... | 24,40 | 6,195 | 147,540 |
| TRENT | Cloth Ell..... | 26,64 | 6,767 | 135,135 |
| | Silk Ell..... | 24,09 | 6,119 | 149,439 |
| TREVES | Ell..... | 21,97 | 5,581 | 163,859 |
| TRIESTE | Woollen Ell..... | 26,60 | 6,758 | 135,338 |
| | Silk Ell..... | 25,22 | 6,406 | 142,743 |
| TRIPOLI, (Barbary) | Pic..... | 21,80 | 5,536 | 165,137 |
| TRIPOLI, (Syria) | Pic..... | 26,99 | 6,857 | 133,382 |
| TUNIS | Woollen Pic..... | 26,50 | 6,730 | 135,849 |
| | Silk Pic..... | 24,83 | 6,298 | 144,985 |
| | Linen Pic..... | 18,02 | 4,727 | 193,340 |

COMPARISON OF MEASURES.—CLOTH.

| | | Length of a single Measure of each Sort. | | Number of each equal to 100 English Yards. |
|--------------|----------------------|--|-----------------|--|
| | | English Inches. | Fr. Decimetres. | |
| TURIN | Raso | 23,30 | 5,915 | 154,506 |
| VALENCIA | Vara | 36,62 | 9,303 | 98,307 |
| VALENCIENNES | Aune | 25,93 | 6,587 | 138,831 |
| VENICE | Woollen Braccio | 26,61 | 6,761 | 135,287 |
| | Silk Braccio | 24,81 | 6,304 | 145,102 |
| VERONA | Woollen Braccio | 25,57 | 6,493 | 140,789 |
| | Silk Braccio | 25,22 | 6,406 | 142,743 |
| VICENZA | Braccio | 26,96 | 6,848 | 133,531 |
| VIENNA | Silk Ell | 30,66 | 7,790 | 117,416 |
| | Ell of Upper Austria | 31,50 | 8,000 | 114,285 |
| ULM | Ell | 22,38 | 5,682 | 160,857 |
| WISMAR | Ell | 22,90 | 5,816 | 157,205 |
| WURTZBURG | Ell | 22,80 | 5,789 | 157,894 |
| YPRES | Ell | 27,53 | 6,993 | 130,766 |
| ZANTE | Cloth Braccio | 27,18 | 6,903 | 132,450 |
| | Silk Braccio | 25,37 | 6,443 | 141,899 |
| ZELL | Ell | 22,90 | 5,816 | 157,205 |
| ZITTAU | Ell | 22,43 | 5,698 | 160,499 |
| ZURICH | Ell | 23,62 | 6,000 | 152,413 |

LONG MEASURE.

TABLE VI.

Containing a Comparison of the Foot, and other Measures of Length in different Countries. It shews the Length of a single Measure of each Denomination in English Inches and in French Decimetres; also the Number of Feet, &c. of each Place that correspond to 100 English Feet.

| | Length of a single Measure of each Sort. | | Number of each equal to 100 English Feet. |
|----------------------------------|--|-----------------|---|
| | Eng. Inches. | Fr. Decimetres. | |
| AIX LA CHAPELLE..Foot..... | 11,41 | 2,896 | 105,171 |
| AMSTERDAM | 11,14 | 2,831 | 107,719 |
| Rhineland Foot..... | 12,35 | 3,138 | 97,166 |
| ANSPACH.....Foot..... | 11,72 | 2,978 | 102,389 |
| ANTWERP.....Foot..... | 11,24 | 2,855 | 106,761 |
| AUGSBURG | 11,65 | 2,959 | 103,004 |
| BASIL | 11,75 | 2,983 | 102,127 |
| BERGAMO | 17,17 | 4,360 | 69,889 |
| BERLIN | 12,19 | 3,097 | 98,441 |
| BERNE.....Foot..... | 11,54 | 2,932 | 103,986 |
| BOLOGNA.....Foot..... | 14,99 | 3,805 | 80,053 |
| BOURDEAUX | 14,04 | 3,567 | 85,470 |
| BREMEN | 11,38 | 2,891 | 105,448 |
| BRESLAU.....Foot..... | 11,19 | 2,842 | 107,238 |
| BRUNSWICK | 11,23 | 2,851 | 106,856 |
| CAGLIARI.....Palmo.. | 7,97 | 2,025 | 150,564 |
| CALEMBERG | 11,53 | 2,926 | 104,076 |
| CARRARA.....Palmo | 9,59 | 2,436 | 125,130 |
| CHINA.....Mathematical Foot..... | 13,12 | 3,331 | 91,463 |
| Builders' Foot..... | 12,71 | 3,228 | 94,414 |
| Tradesmen's Foot..... | 13,33 | 3,383 | 90,022 |
| Land-Surveyors' Foot..... | 12,58 | 3,196 | 95,389 |
| CLEVES | 11,63 | 2,955 | 103,181 |
| COLOGNE.....Foot..... | 10,83 | 2,750 | 110,803 |
| COPENHAGEN | 12,35 | 3,138 | 97,166 |
| CRACOW | 14,03 | 3,564 | 85,531 |
| CREMONA.....Foot..... | 15,62 | 3,970 | 76,824 |
| DANTZIC.....Foot..... | 11,30 | 2,869 | 106,194 |
| DORDRECHT | 14,17 | 3,600 | 84,686 |
| DRESDEN.....Foot..... | 11,14 | 2,831 | 107,719 |

COMPARISON OF MEASURES.—LONG.

| | | Length of a single Measure of each Sort. | | Number of each equal to 100 English Feet. |
|-------------|----------------|--|-----------------|---|
| | | Eng. Inches. | Fr. Decimetres. | |
| EMBDEN | Foot | 11,66 | 2,961 | 102,915 |
| ENGLAND | Foot | 12,00 | 3,048 | 100,000 |
| ERFURT | Foot | 11,11 | 2,822 | 108,010 |
| FERRARA | Foot | 15,80 | 4,011 | 75,949 |
| FRANCE | Pied de Roi | 12,78 | 3,248 | 93,896 |
| | Metre | 39,37 | 10,000 | 30,480 |
| FRANCFORT | Foot | 11,28 | 2,865 | 106,382 |
| GENEVA | Foot | 19,21 | 4,879 | 62,467 |
| GENOA | Palmo | 9,72 | 2,470 | 123,450 |
| GOTTINGEN | Foot | 11,45 | 2,908 | 104,803 |
| GOTHA | Foot | 11,32 | 2,874 | 106,007 |
| GRONINGEN | Foot | 11,49 | 2,917 | 104,438 |
| HAERLEM | Foot | 11,25 | 2,858 | 106,666 |
| HAMBURG | Foot | 11,28 | 2,865 | 106,382 |
| HANOVER | Foot | 11,45 | 2,908 | 104,803 |
| HEIDELBERG | Foot | 10,96 | 2,785 | 109,489 |
| HILDESHEIM | Foot | 11,05 | 2,806 | 108,597 |
| INSBRUCK | Foot | 12,50 | 3,176 | 96,000 |
| KONIGSBERG | Foot | 12,11 | 3,076 | 99,091 |
| LEIPSIC | Foot | 11,11 | 2,822 | 108,010 |
| | Builders' Foot | 11,13 | 2,826 | 107,816 |
| LEYDEN | Foot | 12,34 | 3,135 | 97,244 |
| LIEGE | Foot | 11,32 | 2,874 | 106,007 |
| LINDAU | Common Foot | 11,40 | 2,894 | 105,263 |
| | Long Foot | 12,40 | 3,148 | 96,774 |
| LISBON | Foot | 12,94 | 3,285 | 92,735 |
| LORRAINE | Foot | 11,30 | 2,869 | 106,194 |
| LUBEC | Foot | 11,34 | 2,880 | 105,820 |
| LUNEBURG | Foot | 11,45 | 2,908 | 104,803 |
| LYONS | Foot | 13,48 | 3,425 | 89,020 |
| MAESTRICHT | Foot | 11,05 | 2,806 | 108,597 |
| MAGDEBURG | Foot | 11,16 | 2,836 | 107,526 |
| MALTA | Foot | 11,16 | 2,836 | 107,526 |
| MANHEIM | Foot | 11,41 | 2,896 | 105,170 |
| MARSEILLES | Canne | 79,23 | 20,126 | 15,145 |
| MECKLENBURG | Foot | 11,45 | 2,908 | 104,803 |
| MIDDLEBURG | Foot | 11,81 | 3,000 | 101,608 |
| MILAN | Builders' Foot | 15,62 | 3,965 | 76,824 |
| MOSCOW | Foot | 13,17 | 3,343 | 91,116 |
| MUNICH | Foot | 11,37 | 2,891 | 105,540 |
| NAPLES | Palmo | 10,38 | 2,637 | 115,606 |
| NEUFCHATEL | Foot | 11,81 | 3,000 | 101,608 |
| NICE | Pan | 10,29 | 2,615 | 116,618 |

COMPARISON OF MEASURES.—LONG.

| | | Length of a single Measure of each Sort. | | Number of each equal to 100 English Feet. |
|------------|----------------|--|-----------------|---|
| | | Eng. Inches. | Fr. Decimetres. | |
| NUREMBERG | Foot | 11,96 | 3,036 | 100,334 |
| OLDENBURG | Foot | 11,65 | 2,959 | 103,004 |
| OSNABURG | Foot | 11,00 | 2,792 | 109,090 |
| PADUA | Foot | 13,93 | 3,536 | 86,145 |
| PAVIA | Foot | 18,30 | 4,646 | 65,573 |
| PISA | Palmo | 11,74 | 2,984 | 102,214 |
| PRAGUE | Foot | 11,82 | 3,002 | 101,522 |
| PRUSSIA | Rhineland Foot | 12,35 | 3,138 | 97,166 |
| RATISBON | Foot | 11,42 | 2,899 | 105,078 |
| REVAL | Foot | 10,53 | 2,677 | 113,960 |
| RHINELAND | Foot | 12,35 | 3,138 | 97,166 |
| RIGA | Foot | 10,79 | 2,739 | 111,214 |
| ROME | Foot | 11,72 | 2,978 | 102,389 |
| ROSTOCK | Foot | 11,38 | 2,891 | 105,448 |
| RUSSIA | Foot | 13,75 | 3,491 | 87,272 |
| SARDINIA | Palmo | 9,78 | 2,483 | 122,699 |
| SICILY | Palmo | 9,53 | 2,420 | 125,918 |
| SIENNA | Foot | 14,86 | 3,774 | 80,753 |
| SPAIN | Foot | 11,12 | 2,826 | 107,913 |
| STETTIN | Foot | 11,12 | 2,826 | 107,913 |
| | Rhineland Foot | 12,35 | 3,138 | 97,166 |
| STRALSUND | Foot | 11,45 | 2,908 | 104,803 |
| STRASBURG | Foot | 11,39 | 2,894 | 105,355 |
| | Land Foot | 11,62 | 2,952 | 103,270 |
| SWEDEN | Foot | 11,68 | 2,968 | 102,739 |
| TURIN | Foot | 12,72 | 3,230 | 94,339 |
| VALENCIA | Palmo | 9,15 | 2,325 | 131,147 |
| VENICE | Foot | 13,68 | 3,473 | 87,719 |
| VERONA | Foot | 13,40 | 6,403 | 89,552 |
| VICENZA | Foot | 13,63 | 3,461 | 88,041 |
| VIENNA | Foot | 12,45 | 3,161 | 96,385 |
| ULM | Foot | 11,39 | 2,892 | 105,355 |
| WIRTEMBERG | Foot | 11,26 | 2,860 | 106,571 |
| WISMAR | Foot | 11,45 | 2,908 | 104,803 |
| ZANTE | (See Venice) | | | |
| ZELL | Foot | 11,45 | 2,908 | 104,803 |
| ZURICH | Foot | 11,81 | 3,000 | 101,608 |

SQUARE MEASURE.

TABLE VII.

Shewing the Contents of the Square Foot of different Countries in English Square Inches and in French Square Decimetres.

| | Eng. Square Inches. | Fr. Sq. Decimetres. |
|--|---------------------|---------------------|
| A Square Foot of AMSTERDAM contains..... | 124,255 | 8,0160 |
| ANTWERP..... | 126,337 | 8,1503 |
| AUGSBURG..... | 135,722 | 8,7558 |
| BASIL..... | 138,062 | 8,9067 |
| BERLIN..... | 148,693 | 9,5926 |
| BERNE..... | 133,287 | 8,5987 |
| BOLOGNA..... | 224,700 | 14,4960 |
| BREMEN..... | 129,504 | 8,3546 |
| BRESLAU..... | 125,216 | 8,0780 |
| COLOGNE..... | 117,288 | 7,5666 |
| DANTZIC..... | 127,690 | 8,2376 |
| DRESDEN..... | 124,099 | 8,0059 |
| ENGLAND..... | 144,000 | 9,2898 |
| FRANCE..... Pied de Roi..... | 163,558 | 10,5516 |
| Square Metre..... | 1550,075 | 100,0000 |
| GENEVA..... | 369,024 | 23,8068 |
| HAMBURG..... | 127,441 | 8,2216 |
| HANOVER..... | 131,194 | 8,4637 |
| KONIGSBERG..... | 146,652 | 9,4609 |
| LEIPSIC..... | 123,432 | 7,9629 |
| LIEGE..... | 128,142 | 8,2668 |
| LISBON..... | 167,547 | 10,8089 |
| LUBEC..... | 128,731 | 8,3048 |
| MILAN..... | 243,984 | 15,7401 |
| MUNICH..... | 129,390 | 8,3473 |
| NUREMBERG..... | 143,041 | 9,2279 |
| OSNABURG..... | 121,000 | 7,8060 |
| RATISBON..... | 130,416 | 8,4135 |
| REVAL..... | 110,381 | 7,1532 |
| RHINELAND..... | 152,670 | 9,8492 |
| RIGA..... | 116,424 | 7,5108 |
| ROME..... | 137,358 | 8,8614 |
| SPAIN..... | 123,832 | 7,9887 |
| SWEDEN..... | 136,515 | 8,8069 |
| TURIN..... | 161,798 | 10,4380 |
| VENICE..... | 187,142 | 12,0731 |
| VIENNA..... | 155,002 | 9,9996 |
| ZURICH..... | 139,476 | 8,9980 |

CUBIC MEASURE.

TABLE VIII.

Showing the Contents of the Cubic Foot of different Countries in English Cubic Inches and in French Litres, or Cubic Decimetres.

| | Eng. Cubic Inches. | Fr. Litres. |
|--|--------------------|-------------|
| A Cubic Foot of AMSTERDAM contains | 1385,070 | 22,695 |
| ANTWERP | 1420,027 | 23,268 |
| AUGSBURG | 1581,161 | 25,908 |
| BASIL | 1622,228 | 26,581 |
| BERLIN | 1813,162 | 29,710 |
| BERNE | 1538,798 | 25,214 |
| BOLOGNA | 3368,253 | 55,191 |
| BREMEN | 1473,755 | 24,141 |
| BRESLAU | 1401,167 | 22,959 |
| COLOGNE | 1270,229 | 20,813 |
| DANTZIC | 1442,897 | 23,643 |
| DRESDEN | 1382,463 | 22,653 |
| ENGLAND | 1728,000 | 28,312 |
| FRANCE | 2091,743 | 34,275 |
| Cubic Decimetre | 61,028 | 1,000 |
| GENEVA | 7088,951 | 116,158 |
| HAMBURG | 1438,684 | 23,574 |
| HANOVER | 1502,696 | 24,623 |
| KONIGSBERG | 1775,955 | 29,100 |
| LEIPSIC | 1371,329 | 22,470 |
| LIEGE | 1450,577 | 23,769 |
| LISBON | 2168,728 | 35,536 |
| LUBEC | 1460,582 | 23,933 |
| MILAN | 3811,030 | 62,447 |
| MUNICH | 1471,811 | 24,117 |
| NUREMBERG | 1710,770 | 28,032 |
| OSNABURG | 1331,000 | 21,809 |
| RATISBON | 1489,350 | 24,404 |
| REVAL | 1167,577 | 19,131 |
| RHINELAND | 1886,390 | 30,911 |
| RIGA | 1256,215 | 20,584 |
| ROME | 1609,835 | 26,378 |
| SPAIN | 1378,002 | 22,579 |
| SWEDEN | 1595,041 | 26,136 |
| TURIN | 2058,070 | 33,723 |
| VENICE | 2560,102 | 41,949 |
| VIENNA | 1929,774 | 31,621 |
| ZURICH | 1647,211 | 26,991 |

LAND MEASURE.

TABLE IX.

Containing a Comparison of the Land Measures of different Countries; namely, the Area of each Measure in English Square Yards and in French Ares; also the Number of Acres, &c. of each Place that correspond to 10 English Acres.

| | Contents of a single Measure of each Sort. | | Number of each equal to 10 English Acres |
|---|--|--------------|--|
| | Eng. Sq. Yards. | French Ares. | |
| AMSTERDAM Morgen | 9722 | 81,286 | 4,978 |
| BASIL Juchart | 3816 | 31,905 | 12,683 |
| BERLIN | Great Morgen | 6786 | 56,736 |
| | Little Morgen | 3054 | 25,534 |
| BERNE Wood Juchart | 4632 | 38,727 | 10,449 |
| CANARY ISLES Fanegada | 2422 | 20,236 | 19,983 |
| DANTZIC Morgen | 6650 | 55,642 | 7,278 |
| ENGLAND Acre | 4840 | 40,466 | 10,000 |
| FRANCE Hectare | 11960 | 100,000 | 4,046 |
| GENEVA Arpent | 6179 | 51,661 | 7,833 |
| HAMBURG | Scheffel of Corn Land | 5022 | 41,984 |
| | Morgen | 11545 | 96,525 |
| HANOVER Morgen | 3100 | 25,918 | 15,613 |
| IONIAN ISLANDS Moggio | 11616 | 97,119 | 4,166 |
| IRELAND Acre | 7840 | 65,549 | 6,173 |
| NAPLES Moggia | 3998 | 33,426 | 12,106 |
| NETHERLANDS Vierkantebunder | 119,6 | 1,000 | 406,722 |
| NUREMBERG | Corn Land Morgen | 5654 | 47,272 |
| | Meadow Morgen | 2544 | 21,270 |
| PORTUGAL Geira | 6970 | 58,275 | 6,944 |
| PRUSSIA Morgen | 3053 | 25,526 | 15,853 |
| RHINELAND Morgen | 10185 | 85,158 | 4,752 |
| ROME Pezza | 3158 | 26,406 | 15,196 |
| RUSSIA Dessetina | 13066,6 | 109,248 | 3,704 |
| SAXONY Acre | 6590 | 55,098 | 7,344 |
| SCOTLAND Acre | 6150 | 51,419 | 7,869 |
| SPAIN | Fanegada | 5500 | 45,984 |
| | Arranzada | 4623 | 38,652 |
| SWEDEN Tunneland | 5900 | 49,329 | 8,203 |
| SWITZERLAND Faux | 7855 | 65,674 | 6,161 |
| TUSCANY Quadrato | 4074 | 34,062 | 11,880 |
| VIENNA Joch | 6889 | 57,598 | 7,025 |
| ZURICH | Common Acre | 3875,6 | 32,404 |
| | Wood Acre | 4306 | 36,004 |
| | Meadow Acre | 3445 | 28,804 |

ROAD MEASURE.

TABLE X.

Being a Comparison of the Miles, Leagues, and other Itinerary Measures of different Countries; namely, the Length of each Mile, &c. in English Yards and in French Kilometres; also, the Number of each answering to 100 English Miles.

| | | Length of a single Measure of each Sort. | | Number of each equal to 100 English Miles. |
|-------------|----------------------------|--|-----------------|--|
| | | English Yards. | Fr. Kilometres. | |
| ARABIA | Mile | 2148 | 1,964 | 81,936 |
| BRABANT | League | 6076 | 5,556 | 28,966 |
| CHINA | Li | 632 | 0,577 | 278,481 |
| DANTZIC | Mile | 8475 | 7,749 | 20,767 |
| DENMARK | Mile | 8244 | 7,538 | 21,348 |
| ENGLAND | Mile | 1760 | 1,609 | 100,000 |
| | Mile, Geographical | 2025 | 1,851 | 86,913 |
| FLANDERS | League | 6864 | 6,276 | 25,641 |
| FRANCE | Kilometre | 1093 | 1,000 | 161,024 |
| | League of 2000 Toises | 4263 | 3,898 | 41,285 |
| | League of 25 to the Degree | 4860 | 4,444 | 36,214 |
| | League, Marine | 6076 | 5,555 | 28,966 |
| GERMANY | Mile, Geographical | 8101 | 7,407 | 21,725 |
| | Mile, Long | 10126 | 9,258 | 17,381 |
| | Mile, Short | 6859 | 6,271 | 25,659 |
| HAMBURG | Mile | 8244 | 7,538 | 21,348 |
| HANOVER | Mile | 11559 | 10,569 | 15,226 |
| HOLLAND | Mile | 8101 | 7,407 | 21,725 |
| HUNGARY | Mile | 9113 | 8,332 | 19,313 |
| IRELAND | Mile | 2240 | 2,048 | 78,571 |
| NETHERLANDS | Mile, Metrical | 1093 | 1,000 | 161,024 |
| PERSIA | Parasang | 6086 | 5,565 | 28,918 |
| POLAND | Mile, Long | 8101 | 7,407 | 21,725 |
| | Mile, Short | 6076 | 5,555 | 28,966 |
| PORTUGAL | League | 6760 | 6,181 | 26,035 |
| PRUSSIA | Mile | 8237 | 7,532 | 21,367 |
| ROME | Mile | 1628 | 1,489 | 108,108 |
| | Mile, Metrical | 1093 | 1,000 | 161,024 |
| | Mile, Geographical | 2025 | 1,851 | 86,913 |
| RUSSIA | Werst | 1167 | 1,066 | 150,814 |
| SCOTLAND | Mile | 1984 | 1,814 | 88,709 |
| SPAIN | League, Common | 7416 | 6,781 | 23,732 |
| | League, Judicial | 4635 | 4,238 | 37,972 |
| SWEDEN | Mile | 11700 | 10,698 | 15,042 |
| SWITZERLAND | Mile | 9153 | 8,369 | 19,228 |
| TUSCANY | Mile | 1808 | 1,653 | 97,345 |
| TURKEY | Berri | 1826 | 1,669 | 96,385 |

COMPARISON OF FRENCH AND ENGLISH METROLOGY.

TABLE XI.

Containing the New Weights and Measures of France, with their Proportion to those of England, both according to the Decimal System, and the Systeme Usuel.

DECIMAL SYSTEM.

LONG MEASURES.

| French. | English. |
|------------------------|---|
| Millimetre | 0,03937 Inches. |
| Centimetre | 0,39371 Inches. |
| Decimetre | 3,93710 Inches. |
| <i>Metre</i> | 39,37100 Inches. |
| Decametre | 32,80916 Feet. |
| Hectometre | 328,09167 Feet. |
| Kilometre | 1093,6389 Yards. |
| Myriametre | 10936,38900 Yards, or 6 Miles 1 Furlong 28 Poles. |

SUPERFICIAL MEASURES.

| | |
|---|---|
| Centiare | 1,1960 Square Yard |
| <i>Are</i> (a Square Decametre) | 119,6046 Square Yards |
| Decare | 1196,0460 Square Yards |
| Hectare | 11960,4604 Square Yards or 2 Acres, 1 Rood, 35 Perches. |

MEASURES OF CAPACITY.

| | |
|--|--|
| Millitre | 0,06103 Cubic Inches. |
| Centilitre | 0,61028 Cubic Inches. |
| Decilitre | 6,10280 Cubic Inches. |
| <i>Litre</i> (a Cubic Decimetre) | 61,02802 Cubic Inches, or 2,1135 Wine Pints. |
| Decalitre | 610,28028 Cubic Inches, or 2,642 Wine Gallons. |

| French. | English. |
|----------------------|---|
| Hectolitre | 3,5317 Cubic Feet, or 2,838 Winchester Bushels. |
| Kilolitre | 35,3171 Cubic Feet, or 1 Tun & 12 Wine Gal. |
| Myrialitre | 353,17146 Cubic Feet. |

SOLID MEASURES.

| | |
|--|----------------------|
| Decistere | 3,5317 Cubic Feet. |
| <i>Stere</i> (a Cubic Metre) | 35,3171 Cubic Feet. |
| Decastere | 353,1714 Cubic Feet. |

WEIGHTS.

| | |
|---------------------------|---|
| Milligramme | 0,0153 Grains. |
| Centigramme | 0,1543 Grains. |
| Decigramme | 1,5434 Grains. |
| <i>Gramme</i> | 15,4340 Grains. |
| Decagramme | 154,3402 Grains, or 5,64 Drams Avoirdupois. |
| Hectogramme | 3,2154 oz. Troy, or 3,527 oz. Avoirdupois. |
| Kilogramme | 2lb. 8 oz. 3 dwt. 2gr. Troy, or 2lb. 3 oz. 4,428 Drams Avoirdupois. |
| Myriagramme | 26,795 Pounds Troy, or 22,0485 Pounds Avoirdupois. |
| Quintal | 1 cwt. 3 qrs. 25 lb. nearly. |
| Millier, or Bar | 9 tons 16 cwt. 3 qrs. 12 lb. |

SYSTEME USUEL.

LONG MEASURES.

| Usuel. | | Metrical. | | English. |
|-------------|---|------------------------|---|----------------------|
| Ligne | = | 2,31 Millimetres | = | 0,091 Inches. |
| Pouce | = | 2,77 Centimetres | = | 1,090 Inches. |
| Pied | = | 3,33 Decimetres | = | 13,110 Inches. |
| Aune | = | 12 Decimetres | = | 3 Feet 11,24 Inches. |
| Toise | = | 2 Metres | = | 6 Feet 6,74 Inches. |

MEASURE OF CAPACITY.

| | | | | |
|----------------|---|-------------------|---|----------------|
| Boisseau | = | 12,5 Litres | = | 2,837 Gallons. |
|----------------|---|-------------------|---|----------------|

WEIGHTS.

| | | | | |
|-------------|---|--------------------------|---|---|
| Grain | = | 5,425 Centigrammes | = | 0,837 Grains. |
| Gros | = | 3,906 Grammes | = | 60,285 Grains. |
| Once | = | 31,25 Grammes | = | 482,312 Grains, or 1 oz. 1,628 Dram Avoirdupois. |
| Livre | = | 500 Grammes | = | 1 lb. 4 oz. 1 dwt. 13 gr. Troy, or 1 lb. 1 oz. 10 $\frac{1}{2}$ dr. Avoirdupois. |

For the Proportions between the subordinate Weights and Measures of England and the Metrology of France, see Vol. i. p. 225.

For the New Astronomical and Geographical Measures of France, see Vol. i. p. 128.

For the Ancient Weights and Measures of France, see Vol. i. p. 133.

EXAMPLES OF THE USE OF THE FOREGOING TABLES.

THE proportion between the Weights and Measures of any two Places in the foregoing Tables may be found by the Rule of Three, or in the following manner by the Chain Rule:

EXAMPLE I.—How many Marks, gold and silver weight of Berlin, are equal to 1120 Marks of Amsterdam or Holland? *See Table I.*

1120 Marks of Amsterdam.

1 Mark of Amsterdam = 3798 English Grains.
 3608 English Grains = 1 Mark of Berlin.
 Result, 1178,9 Marks of Berlin.

Or, as 3608 : 1 :: 3798 × 1120 : 1178,9

EXAMPLE II.—How many Pounds, commercial weight of Amsterdam, are equal to 276 Pounds of Leghorn? *See Table II.*

276 Pounds of Leghorn.

1 Pound of Leghorn = 5240 English Grains.
 7625 English Grains = 1 Pound of Amsterdam.
 Result, 189,67 Pounds of Amsterdam.

EXAMPLE III.—How many Spanish Fanegas are equal to 523 Scheffels of Dantzic? *See Table III.*

523 Scheffels of Dantzic.

1 Scheffel of Dantzic = 3337 English Cubic Inches.
 3439 English Cubic Inches = 1 Fanega of Spain.
 Result, 507,48 Fanegas of Spain.

EXAMPLE IV.—How many Barriques of Bourdeaux are equal to 50 Eimers of Leipsic? *See Table IV.*

50 Eimers of Leipsic.

1 Eimer of Leipsic = 4644 English Cubic Inches.
 14033 English Cubic Inches = 1 Barrique of Bourdeaux.
 Result, 16,546 Barriques of Bourdeaux.

EXAMPLE V.—How many Varas of Spain are equal to $359\frac{1}{2}$ Ells of Hamburg? *See Table V.*

$$\begin{array}{r}
 359\frac{1}{2} \text{ Ells of Hamburg.} \\
 1 \text{ Ell of Hamburg} = 22,58 \text{ English Inches.} \\
 33,38 \text{ English Inches} = 1 \text{ Vara of Spain.} \\
 \text{Result, } 243,18 \text{ Varas of Spain.}
 \end{array}$$

EXAMPLE VI.—How many Feet of Turin are equal to 160 Rhineland Feet? *See Table VI.*

$$\begin{array}{r}
 160 \text{ Rhineland Feet.} \\
 1 \text{ Rhineland Foot} = 12,35 \text{ English Inches.} \\
 12,72 \text{ English Inches} = 1 \text{ Foot of Turin.} \\
 \text{Result, } 155,34 \text{ Feet of Turin.}
 \end{array}$$

EXAMPLE VII.—How many Square Feet of Rome are equal to 90 of Lisbon? *See Table VII.*

$$\begin{array}{r}
 90 \text{ Square Feet of Lisbon.} \\
 1 \text{ Square Foot of Lisbon} = 167,547 \text{ English Square Inches.} \\
 137,358 \text{ English Square Inches} = 1 \text{ Square Foot of Rome.} \\
 \text{Result, } 121,97 \text{ Square Feet of Rome.}
 \end{array}$$

EXAMPLE VIII.—How many Cubic Feet of Cologne are equal to 45 Cubic Feet of Sweden? *See Table VIII.*

$$\begin{array}{r}
 45 \text{ Cubic Feet of Sweden.} \\
 1 \text{ Cubic Foot of Sweden} = 1595,041 \text{ English Cubic Inches.} \\
 1270,229 \text{ English Cubic Inches} = 1 \text{ Cubic Foot of Cologne.} \\
 \text{Result, } 56,507 \text{ Cubic Feet of Cologne.}
 \end{array}$$

EXAMPLE IX.—How many Geiras of Portugal are equal to 84 Dessetinas of Russia? *See Table IX.*

$$\begin{array}{r}
 84 \text{ Dessetinas of Russia.} \\
 1 \text{ Dessetina of Russia} = 13066,6 \text{ English Square Yards.} \\
 6970 \text{ English Square Yards} = 1 \text{ Geira of Portugal.} \\
 \text{Result, } 157,47 \text{ Geiras of Portugal.}
 \end{array}$$

EXAMPLE X.—How many Miles of Denmark are equal to 33 Miles of Switzerland? *See Table X.*

$$\begin{array}{r}
 33 \text{ Miles of Switzerland.} \\
 1 \text{ Swiss Mile} = 9153 \text{ English Yards.} \\
 8244 \text{ English Yards} = 1 \text{ Danish Mile.} \\
 \text{Result, } 36,638 \text{ Miles of Denmark.}
 \end{array}$$

ANCIENT WEIGHTS AND MEASURES.

TABLE XII.

Ancient Weights and Measures explained, and compared with English; from the most approved Authorities.

ANCIENT GREEK LONG MEASURES.

Two sorts of Long Measure were used in Greece; namely, the *Olympic* and the *Pythic*.

The Olympic measure was used in Peloponnesus, Attica, Sicily, and the Greek cities in Italy.

The Pythic measure was used in Thessaly, Illyria, Phocis, and Thrace, and at Marseilles in Gaul.

The divisions were the same in both, and were as follow: 4 Dactyli = 1 Palesta; 4 Palestæ = 1 Foot; $1\frac{1}{2}$ Foot = 1 Cubit.

10 Feet = 1 Decapodon; 600 Feet, or 400 Cubits = 1 Stadium.

The length of the foot is stated as follows:

| | | |
|---|--------|-----------------|
| Olympic foot, properly called Greek, according to <i>Hutton</i> | 12,108 | English Inches. |
| <i>Folkes</i> | 12,072 | |
| <i>Cavallo</i> | 12,084 | |
| Pythic foot, also called natural foot, according to <i>Hutton</i> | 9,768 | |
| <i>Paucton</i> | 9,731 | |

Hence, the Olympic Stadium was $201\frac{1}{2}$ English yards nearly; and the Pythic or Delphic Stadium, $162\frac{1}{2}$ yards nearly, and the other measures in proportion.

The Phyleterian foot is the Pythic cubit or $1\frac{1}{2}$ Pythic foot.

The Macedonian foot was 13,92 English inches; and the Sicilian foot of Archimedes 8,76 English inches.

ANCIENT GREEK SUPERFICIAL MEASURES.

Olympic Land Measure.

36 Olympic square feet = 1 Hexapodon; 64 Hexapoda = 1 Hemihectos; 2 Hemihecti = 1 Hectos or Modius; 6 Modii = 1 Medimnus or Jugerum.

Hence, the Olympic Jugerum is computed to equal 2 Roods 23 Perches, English.