

## VI.

## T A B L E S

OF

## AUSTRIAN, ENGLISH, and FRENCH MONEY, WEIGHTS and MEASURES.

## I.—MONEY.

In calculating the following Tables, the £ sterling is taken at 10 *Florins Austrian silver standard (Conventions Münze)*, or 25 francs.

The Austrian monetary system is paper currency.

The rate of exchange varies according to the rise and fall in the price of gold. But in the Austrian Empire a Florin, or *Gulden*, is always a Florin, *viz.*, 2 shillings silver.

The Austrian *Waehrung* (paper currency, which is legal tender) is likewise continually subject to important fluctuations. It is on an average 5 per cent. less in value than the usual *Conventions Münze*; so that the Florin in Austrian *Waehrung* would have the average value of 1s. 10 $\frac{1}{2}$ d.

Accordingly the Value of the Current Gold and Silver Coins is:

		£	s.	d.
5 Kreuzer	= $\frac{1}{20}$ part of a florin	-	0	0 1 $\frac{1}{2}$
10 Kreuzerpiece	= $\frac{1}{10}$ " "	-	0	0 2 $\frac{1}{2}$
20 " "	= $\frac{1}{5}$ " "	-	0	0 4 $\frac{1}{2}$
25 " "	= $\frac{1}{4}$ " "	-	0	0 6
50 " or 10 silbergroschen	-	-	0	1 0
1 Florin, or <i>Gulden</i> , silver	-	-	0	2 0
1 Thaler (Dollar) = 1 fl. 50 kr.	-	-	0	3 0
2 " piece = 3 florins	-	-	0	6 0

## Gold:

4 Florinpiece (equal to 10 francs)	-	0	8	0
8 " ( " 20 francs)	-	0	16	0
1 Krone (crown) = 13 fl. 80 kr.	-	1	7	7
$\frac{1}{2}$ " = 6 fl. 90 kr.	-	0	13	10
1 Ducaten(ducat) 4 fl. 80 kr.	-	0	9	7
1 Doppelducaten(double ducat) 9 fl. 60 kr.	0	19	3	

## VALUE OF ENGLISH COINS IN AUSTRIAN MONEY.

1 Sovereign	-	10 florins Austrian Currency in silver.
$\frac{1}{2}$ " "	-	5 "
5 Shillingpiece	2 "	50 kreuzer
Half-crown	-	25 "
1 Florin	-	0 "
1 Shilling	-	50 "
6 Pennypiece	-	25 "
4 " "	-	16 $\frac{1}{2}$ "
3 " "	-	12 $\frac{1}{2}$ "
1 Penny	-	4 "
Half-penny	-	2 "
1 Farthing	-	1 "

## Paper Currency; present rate of exchange:

	£	s.	d.
100 Kreuzer = 1 Florin.	-	0	1 10 $\frac{1}{2}$
1 Florin, or <i>Gulden</i> =	-	0	9 4 $\frac{1}{2}$
5 Florins =	-	0	18 9
10 "	-	4	13 9
50 "	-	9	7 6
100 "	-	0	0 0

The notes issued by the Austrian National Bank are respectively 1,000, 100, and 10 florin notes.

Those issued by the Imperial Treasury are respectively 50, 5, and 1 florin notes.

## MONEY TABLE.

Silver: £1 = 25 francs = 10 florins, Austrian Currency.

Austrian Currency.	English Equivalent.	French Equivalent.	Austrian Currency.	English Equivalent.	French Equivalent.	Austrian Currency.	English Equivalent.	French Equivalent.
fl. kr.	£ s. d.	fr. c.	fl. kr.	£ s. d.	fr. c.	fl. kr.	£ s. d.	fr. c.
0 5	0 0 1	0 10	1 0	0 2 0	2 50	20 0	2 0 0	50 0
0 10	0 0 2 $\frac{1}{4}$	0 23	2 0	0 4 0	5 0	30 0	3 0 0	75 0
0 20	0 0 4 $\frac{3}{4}$	0 47	3 0	0 6 0	7 50	40 0	4 0 0	100 0
0 30	0 0 7	0 70	4 0	0 8 0	10 0	50 0	5 0 0	125 0
0 40	0 0 9 $\frac{1}{2}$	0 95	5 0	0 10 0	12 50	60 0	6 0 0	150 0
0 50	0 1 0	1 25	6 0	0 12 0	15 0	70 0	7 0 0	175 0
0 60	0 1 2 $\frac{1}{4}$	1 48	7 0	0 14 0	17 50	80 0	8 0 0	200 0
0 70	0 1 4 $\frac{3}{4}$	1 73	8 0	0 16 0	20 0	90 0	9 0 0	225 0
0 80	0 1 7	1 95	9 0	0 18 0	22 50	100 0	10 0 0	250 0
0 90	0 1 9 $\frac{1}{2}$	2 20	10 0	1 0 0	25 0	1,000 0	100 0 0	2,500 0

Bank Notes, at the rate of exchange : 100 florins = £9 7s. 6d. = 250 francs.

Austrian Currency.	English Value.	French Value.	Austrian Currency.	English Value.	French Value.	Austrian Currency.	English Value.	French Value.
fl. kr.	£ s. d.	fr. c.	fl. kr.	£ s. d.	fr. c.	fl. kr.	£ s. d.	fr. c.
0 5	0 0 $\frac{3}{4}$	0 12 $\frac{1}{2}$	1 0	0 1 10 $\frac{1}{2}$	2 50	20 0	1 17 6	50 0
0 10	0 0 2	0 25	2 0	0 3 9	5 0	30 0	2 16 3	75 0
0 20	0 0 4	0 50	3 0	0 4 7 $\frac{1}{2}$	7 50	40 0	3 15 0	100 0
0 30	0 0 6 $\frac{1}{4}$	0 75	4 0	0 7 6	10 0	50 0	4 13 9	125 0
0 40	0 0 8 $\frac{1}{2}$	1 0	5 0	0 9 4 $\frac{1}{2}$	12 50	60 0	5 12 6	150 0
0 50	0 0 11 $\frac{1}{4}$	1 25	6 0	0 11 3	15 0	70 0	6 11 3	175 0
0 60	0 1 1 $\frac{1}{2}$	1 50	7 0	0 13 1 $\frac{1}{2}$	17 50	80 0	7 10 0	200 0
0 70	0 1 2 $\frac{3}{4}$	1 75	8 0	0 15 0	20 0	90 0	8 8 9	225 0
0 80	0 1 5 $\frac{1}{2}$	2 0	9 0	0 16 10 $\frac{1}{2}$	22 50	100 0	9 7 6	250 0
0 90	0 1 7 $\frac{1}{4}$	2 25	10 0	0 18 9	25 0	1,000 0	93 15 0	2,500 0

## II.—WEIGHTS AND MEASURES.

By the law of 25th July 1871, promulgated in the Imperial Law Repertory of the 2nd March 1872, the metric system of weights and measures has been legalised in Austria. Its use has been rendered permissive from the 1st January 1873, and it will become obligatory from the 1st January 1876.

Accordingly the *Measures of Length* will be :—

The Meter, as unit.

„ Decimeter	=	$\frac{1}{10}$	Meter.
„ Centimeter	=	$\frac{1}{100}$	„
„ Millimeter	=	$\frac{1}{1000}$	„
„ Kilometer	=	<b>1,000</b>	„
„ Myriometer	=	<b>10,000</b>	„

*The Measures of Surface.*

The Are	=	100 square meters.
„ Decare	=	<b>10</b> Ares = 1,000 „ „
„ Hectare	=	<b>100</b> „ = 10,000 „ „

*The Measures of Capacity.*

The Litre	=	1 Cubic Decimeter.
„ Decilitre	=	$\frac{1}{10}$ Litre.
„ Centilitre	=	$\frac{1}{100}$ „
„ Hectoliter	=	<b>100</b> „

*Weights.*

The Kilogram	=	(2 Zollpfund) as unit.
„ Decagram	=	$\frac{1}{100}$ Kilogram.
„ Gram	=	$\frac{1}{1000}$ „
„ Decigram	=	$\frac{1}{10000}$ „
„ Centigram	=	$\frac{1}{100000}$ „
„ Milligram	=	$\frac{1}{1000000}$ „
„ Ton	=	<b>1,000</b> „

*Comparative Table of Measures and Weights at present in use.*

## (A.) AUSTRIAN.

## ENGLISH.

## FRENCH.

I.—*Measures of Length.*

1 Ell (Vienna) à 29·578 inches	- =	2 feet and 6·67 inches	- =	0·777 mètre.
1 Ell (Bohemian) à 22·548 „	- =	1 foot and 11·35 „	- =	0·592 „
1 Foot (Fuss) = 12 inches, inch = 12 lines.	- =	1·0371 feet	- =	0·316 „
1 Fathom (Klafter) = 6 feet	- =	6 feet and 2·0742 inches = 2 yards and 2·67 inches.	- =	1·896 „
4000 Klafter = 1 mile.				
1 Mile (post = 24,000 feet)	- =	8297 yards = 4·7142 miles	- =	7·585 kilomètre.
1 Inch (Zoll) = 12 lines	- =	1·0371 inches	- =	0·026 mètre.

II.—*Measures of Surface.*

1 Foot (square) = 144 square inches	- =	1·07 square foot	- =	0·001 are.
1 Yoke (Joch) = 1600 square fathoms	=	5·68 roods = 1·42 acre (quadrat Klafter).	- =	0·576 hectare.
1 Yoke (Hungarian Forest measure)	=	4·26 „ = 1·06 „ = 1200 square fathoms.	- =	57·546 are. or = 0·575 hectare.
1 Fathom (square, quadrat Klafter)	=	4·28 square yards = 36 square feet.	- =	0·036 are.
1 Mile (square)	- - -	= 14200 square acres	- =	5755·6 hectare.

III.—*Measures of Capacity.*

1 Foot (cubic) = 1728 cubic inches	- =	7·0 gallons	- =	31·6 litre.
1 Fathom (cubic) = 216 cubic feet	- =	23·6 quarters	- =	6822·4 „
1 Metze = 16 Maassel = 1,9471 cubie	=	13·6 gallons feet.	- =	61·5 „

IV.—*Measures of Liquids.*

1 Eimer (beer) = 42½ Maass	- =	13·2 Imperial gallons	- =	60·0 litre.
1 Eimer (wine) = 41 „	- =	12·76 „	- =	56·6 „
1 Maass (Vienna) = 2 Kannen	- =	1 quart and $\frac{1}{2}$ pint = 0·3114 Imperial gallons.	=	1·41 „
1 Kanne = 2 Seidel	- - -	= 0·1557 Imperial gallons.		

V.—*Weights.*

1 Loth = 4 quentchen	- -	= 270·2 grains = 0·0386 lb.	- =	0·017 kilogrammes.
1 Pound (Vienna) = 32 loth = 1,12002	=	1·23 pound = 1 pound 3 ounces 11 drachms.	=	0·560 „
1 Pound (tariff)	- - -	= 1·10 pound = 1 pound 1 ounce 10 drachms.	=	0·50 „
1 Cwt. (Vienna Zentner) = 5 stone	=	123·0 pounds 7 ounces 5 drachms = 100 pounds as used in trade.	=	56 „
„ (tariff)	- - -	= 110·0 „ 3 „ 10 „	=	50 „

\* The "Zollpfund" is equal to  $\frac{1}{2}$  kilogram or 500 grammes; 100 "Zollpfund" make a "Zoll-Zentner" (hundredweight) = 50 kilogrammes.

*Comparative Table of Weights and Measures—continued.*

**(B.) ENGLISH-AUSTRIAN.**

**I.—Measures of Length.**

1 Fathom =	5·78 Vienna feet.
1 Foot =	0·96      "      " = 11·57 Vienna inches.
1 Furlong =	106·06      "      fathoms.
1 League =	979·2      "      = $\frac{73}{60}$ miles.
1 Mile (English) =	804·86 Vienna fathoms = 1,666 yard.
1 Mile, statute,	= 847·7      "      "
1 Pole, perch, rod =	2·65      "      "
1 Yard =	2·89 Vienna feet = 1·174 Vienna ell.

**II.—Measures of Surface.**

1 Acre =	1124·93 Vienna fathoms square.
1 Foot square =	133·9      "      inches      "
1 Rod      "      pole =	7·02      "      fathom      "
$\frac{1}{4}$ acre = rod acre =	281·288 Vienna fathoms square.
1 Yard square =	8·35 feet square.

**III.—Measures of Capacity.**

1 Bushel =	0·59 Austrian metzen.
1 Chaldrone =	21·27      "      "
1 Gallon =	3·21      "      maass.
1 Last =	47·27      "      metzen.
1 Pint =	1·60      "      seidel.
1 Quart =	3·20      "      "
1 Quarter =	4·73      "      metzen.
1 Sack =	1·77      "      "
1 Wey =	23·63      "      "

**(C.) FRENCH-AUSTRIAN.**

**I.—Measures of Length.**

1 Kilomètre =	1000 mètres = 527·25 Vienna fathoms.
1 Mètre =	10 décimètres = 100 centimètres = 1000 millimètres = 3·1635 Vienna feet = 1·28 Vienna ell.
1 Myriamètre =	10,000 mètres = 5272·4 Vienna fthms. = 1·3181 mile post.

**II.—Measures of Surface.**

1 Are =	27·80 fathoms square.
1 Hectare =	2780      "      " = 1·7375 yoke.

**III.—Measures of Capacity.**

1 Hectolitre =	10 decalitres = 100 litres = 1·6259 Austrian metzen.
1 Litre =	0·130 Vienna achtel = 0·26 Austrian maassl.

*Comparative Table of Weights and Measures—continued.*

## ENGLISH-AUSTRIAN.

IV.—*Measures of Liquids.*

1 Gallon = 3·21 Austrian maass.

1 Pint = 1·60 " seidel.

1 Quart = 3·21 " "

	Wine, Spirits, Cider, Vinegar.	Ale.	Beer.
= Austrian Eimer.			
1 Barrel	-	—	2·57
1 Butt	-	10·11	7·70
1 Firkin	-	—	0·72
1 Hogshead	-	5·05	3·85
1 Kilderkin	-	—	1·28
1 Puncheon	-	6·74	5·14
1 Rundlet	-	1·44	—
1 Tun	-	20·23	15·42
			17·34

V.—*Weights.*

1 Drachm = 0·10 Vienna loth.

1 Cwt. = 90·72 Vienna pounds.

1 Pound = 0·81 Vienna pound = 25·92 Vienna  
loth.

1 Quarter = 22·68 Vienna pounds.

1 Stone = 11·34 " "

1 Ton = 1814·4 " "

1 Ounce = 1·62 " loth.

## FRENCH-AUSTRIAN.

IV.—*Measures of Liquids.*1 Litre = 10 decilitres = 100 centilitres = 0·71 Vienna  
maass = 2·83 Austrian seidel.V.—*Weights.*1 Kilogramme = 10 hectogrammes = 100 decagrammes  
= 1000 grammes = 1·7857 Vienna pound = 1 pound  
25·14 Vienna loth.