



## LXXXIV. A supplementary table of musical intervals, for supplying the omissions in plate V, of our xxviiiith volume: making several corrections therein, and supplying the new symbols, by which certain of these intervals are expressed in the letter-press of our work, for the convenience of printing

Mr. John Farey Sen.

To cite this article: Mr. John Farey Sen. (1817) LXXXIV. A supplementary table of musical intervals, for supplying the omissions in plate V, of our xxviiiith volume: making several corrections therein, and supplying the new symbols, by which certain of these intervals are expressed in the letter-press of our work, for the convenience of printing , Philosophical Magazine Series 1, 49:229, 360-361, DOI: [10.1080/14786441708637923](https://doi.org/10.1080/14786441708637923)

To link to this article: <http://dx.doi.org/10.1080/14786441708637923>



Published online: 27 Jul 2009.



Submit your article to this journal [↗](#)



Article views: 3



View related articles [↗](#)

LXXXIV. *A Supplementary Table of Musical Intervals, for supplying the Omissions in Plate V, of our xxviii<sup>th</sup> Volume: making several Corrections therein, and supplying the new Symbols, by which certain of these Intervals are expressed in the Letter-press of our Work, for the Convenience of Printing.*  
*By Mr. JOHN FAREY, Sen.*

Symbols.	Names of Intervals, &c.	New Notation by $\Sigma$ , f and m.	Indices of Powers of the Primes 2, 3 and 5.	Ratios or Fractions.	Common Lo- garithms and Reciprocals.
I	Minor First, or Unison.....	.....	.....	$\frac{1}{1}$ .....	.0000000,0000
$\gamma$	Lesser COMMA.....	9 $\Sigma$ + m	-26 12 3	$\frac{6.6}{0.7}, \frac{3.0}{1.0}, \frac{1.5}{3.0}$	.9955851,8238 44148,1762
$\beta$	Minor DiEsis.....	31 $\Sigma$ + 3m	-18 4 5	$\frac{3.3}{3.0}, \frac{1.2}{1.3}, \frac{5}{4}$	.9847951,1860 152048,8140
$\Delta$	Greater DiEsis.....	45 $\Sigma$ + 4m	1 -6 5	$\frac{6.3}{5}, \frac{5.0}{6.1}$ .....	.9789099,7959 210900,2041
E	Maximum DiEsis.....	53 $\Sigma$ + 5m	-10 -4 7	$\frac{7.8}{8.9}, \frac{1.2}{0.4}, \frac{5}{3}$ .....	.9740050,5463 259949,4517
$\times$ or $\ast\ast$ , or bb IV	{Tone Minimum, or double Sharp, or double Flat}	83 $\Sigma$ + 2f + 7m	10 -2 -3	$\frac{1.0}{1.1}, \frac{2}{3}, \frac{5}{4}$ .....	.9591474,3419 408523,6581
	Major Fourth.....	301 $\Sigma$ + 6f + 26m	5 -2 -1	$\frac{3.2}{4.3}$ .....	.8519347,6434 1480652,3546
5th	Minor Fifth.....	311 $\Sigma$ + 6f + 27m	-6 2 1	$\frac{4.5}{6.4}$ .....	.8470325,3979 1529674,6021
V	Major Fifth.....	338 $\Sigma$ + 7f + 31m	1 -1	$\frac{3}{2}$ .....	.8239,87,4094 1760912,5906
6th	Minor Sixth.....	415 $\Sigma$ + 8f + 36m	-5 1	$\frac{5}{6}$ .....	.7958800,1734 904,199,8266
VI	Major Sixth.....	451 $\Sigma$ + 9f + 39m	1 -1	$\frac{3}{2}$ .....	.77815,2,5038 2218487,4963
7th (or 2-4ths)	{Minor Seventh, or double minor Fourth}	508 $\Sigma$ + 10f + 44m	-4 2	$\frac{9}{16}$ .....	.7501223,2678 249877,7323
VII	Major Seventh.....	555 $\Sigma$ + 11f + 48m	3 -1 -1	$\frac{7.6}{1.9}$ .....	.746,987,2793 27 06,12,7307
8th	Minor Eighth.....	565 $\Sigma$ + 11f + 49m	-8 3 1	$\frac{13.5}{1.6}$ .....	.720938,0319 277906,1968
VIII	Major Eighth, or Octave..	612 $\Sigma$ + 12f + 53m	-1	$\frac{1}{2}$ .....	.989700,0434 3010299,9566

*Corrections, &c.*

In the former Plate,		
For .. f	Lesser FRACTION ..	.. .. read ..
$\mathcal{F}$	SEMI-COMMA Major of Rameau, read ..	f, Subminimum RESIDUAL.
( $\mathcal{F}$ )	SEMI-COMMA, Maxime of Ditto, read ..	t, RESIDUAL, of Liston's Scale; see vol. xxxix. p. 419 Note.
R,	Major RESIDUAL ..	u, Major RESIDUAL, of Rameau.
$\phi$ ,	PRISMA ..	R, Major FRACTION.
$\mathcal{d}$ ,	DIASCHISMA ..	$\phi$ , HYPEROCHE Minor.
(D),	DIFFE Minimum ..	D, Maximum COMMA.
$\pi$ ,	HYPEROCHE ..	D, HYPEROCHE Medius;—and make its ratio $\frac{8}{3}:\frac{6}{5}:\frac{8}{7}$ .
$\mathcal{E}$ ,	Enharmonic DIESIS, ..	$\pi$ , HYPEROCHE Major.
$\mathcal{F}$ ,	SEMITONE Subminimis ..	$\epsilon$ , Minimum DIESIS;—see vol. xxxix. p. 416 Note.
$\delta$ ,	Chromatic DIESIS ..	t, SEMITONE Subminimis;—see vol. xxxvii. p. 274 Note.
f,	SEMITONE Minimum ..	$\delta$ , Major DIESIS.
g,	SEMITONE Minor ..	f, SEMITONE Minimis.
g,	SEMITONE Medius ..	g (or I) SEMITONE Minor;—see vol. xxxix. p. 414 Note.
S,	SEMITONE Major ..	S (or I) SEMITONE Medius, or Minor FIRST;—see ditto.
T,	tone Major ..	S (or 2) SEMITONE Major, or Minor SECOND.
		T (or I) TONE Major, or Major SECOND.

For c, read c (or I') :—For P, read P (or I') :—For t, read t (or I') :—For T, read T (or II') :—In the 3rd, for 101Σ, read 161Σ :—For FOURTH, read Minor FOURTH. Expunge all the line beginning "COMMA and HALF," as being here unnecessary.