

8EDF (8ED3/2) – Basic Uranian Tuning (3L2s – L/s=2)							A=220Hz
Roughly approximates 13 $\frac{1}{3}$ EDO (41ED8), or a stretched 14EDO							
Cents	Approximate Intervals			Uranian Interval	Diatonic Equivalent	Note	Frequency
	7-limit	11-limit	19-limit				
<b>0</b>	<b>1</b>			<b>unison</b>	<b>unison</b>	<b>A</b>	<b>220</b>
87,7444	21/20	22/21	20/19, 19/18	minor mossecond	minor second	A#	231,438
175,48875	10/9		21/19	major mossecond	major second	B	243,47
263,2331	7/6			<i>perfect mosthird</i>	subminor third	C	256,128
350,9775	60/49, 49/40	11/9		augmented mosthird	neutral third	C#	269,444
438,7219	9/7			<i>perfect mosfourth</i>	supermajor third	D	283,452
526,46625	27/20		19/14	minor mosfifth	wolf fourth	D#	298,189
614,2106	10/7		27/19	major mosfifth	augmented fourth	E	313,691
<b>701,955</b>	<b>3/2</b>			<b>sesquitave</b>	<b>just fifth</b>	<b>A</b>	<b>330</b>
789,6994	63/40	11/7	30/19	minor mosseventh	minor sixth	A#	347,157
877,44375	5/3		63/38	major mosseventh	major sixth	B	365,205
965,1881	7/4			<i>perfect moseighth</i>	subminor seventh	C	384,192
1052,9325	90/49, 35/18	11/6		augmented moseighth	neutral seventh	C#	404,166
1140,6769	27/14			<i>perfect mosninth</i>	supermajor seventh	D	425,178
1228,4212	81/40		57/28	minor mostenth	acute octave	D#	447,283
1316,1656	15/7		81/38	major mostenth	minor ninth	E	470,537
<b>1403,91</b>	<b>9/4</b>			<b>double sesquitave</b>	<b>major ninth</b>	<b>A</b>	<b>495</b>
<i>Using 5 steps (Diatonic supermin/supermaj III – Uran perf III/IV) as generator =&gt; pentatonic scale</i>							
Genchain: Cb-Ab-Db-Bb-Eb-C-A-D-B-E-C#-A#-D#-B#-E# (m2-m5-P3-P1-P4-M2-M5)							
<b>Modes of the Uranian scale by each Uranian interval class, numbered by steps from root</b>							
Mode	Mosseconds	Mosthirds	Mosfourths	Mosfifths			
<b>Oberonan (A naturals)</b>	2	3	5	7			
<b>Arielan (B naturals)</b>	1	3	5	6			
<b>Titanian (C naturals)</b>	2	4	5	7			
<b>Umbrielan (D naturals)</b>	2	3	5	6			
<b>Mirandan (E naturals)</b>	1	3	4	6			
<b>Diminished</b>	<b>Minor</b>	<b>Perfect</b>	<b>Major</b>	<b>Augmented</b>			
<b>Titanian &gt; Oberonan &gt; Umbrielan &gt; Arielan &gt; Mirandan</b> - 2-2-1-2-1 > 2-1-2-2-1 > 2-1-2-1-2 > 1-2-2-1-2 > 1-2-1-2-2							
All scale modes have 2 types of diatonic third (subminor+neutral/subminor+supermaj/neutral+supermajor)							
<b>Semiwolf</b> temperament: tempers the sensamagic comma (245/243) in the <b>7-limit</b> : (7/6) <sup>2</sup> =27/20							
In the <b>11-limit</b> : <b>Semilupine</b> tempers the ptolemisma (100/99): (10/9) <sup>2</sup> =11/9							
As <b>hemilycan</b> : tempers the werckisma (441/440): (21/20) <sup>2</sup> *(10/9)=11/9 ( <b>11-limit</b> as well)							