

CONCLUSION

WITH the information revealed in Occult Chemistry a great expansion of our knowledge of Chemistry lies in front of us. It is just because this expansion is inevitable, that our clairvoyant investigators have toiled patiently for thirty years. They have claimed no recognition from chemists and physicists, because truth accepted or rejected is truth still, and any fact of nature seen and stated clearly will sooner or later be woven into the whole fabric of truth. The fact that this generation of scientists hardly knows anything at all of an extraordinary work of research extending for thirty years matters little, when we contemplate the long vistas of scientific investigation which the imagination sees awaiting mankind.

Acknowledgments

I desire to express my deep sense of obligation to the following members of the Theosophical Society, who gave their voluntary services in drawing various diagrams: 1. S. V. Kanakasabha Pillai, Executive Engineer, Retired, Public Works Department, Government of Madras; 2. S. Narayanamurty, Retired Draughtsman, Superintending Engineers Office, Bezwada; 3. J. Lippincott, Ojai, California, U.S.A., who, during a few weeks' stay at Adyar Headquarters, drew the large diagram of the Periodic Table, given as the frontispiece; 4. Arthur N. Relton, England; 5. Harry S. Banks, New Zealand; 6. F. L. Kunz, U.S.A., who 25 years ago gave assistance in the construction of the model of the four Lemniscates depicting the Periodic Table. Fig. 14. After millimetre squared paper had been mounted on a number of rods he mapped out the position of the elements, a work re-done by Mr. Relton.

I must express my hearty thanks also to Mr. V. John, owner and manager of Klein and Peyerl, who for thirty years have provided me with the necessary blocks for this and other works. This firm has put at my disposal all their talent in the way of draughtsmen, etc. and for *Occult Chemistry*, Mr. John has himself given much advice and assistance for the blocks.

C. JINARĀJADĀSA

ATOMIC NO.	ELEMENT	ANALYSIS OF THE STRUCTURE OF THE ELEMENTS	NO. OF ANU
1	Hydrogen	$(2H3'+H3)+(3H3)$	18
	Adyarium	$4H3+4Ad6$ or $Ad12+Ad24$	36
	Occultum	$2H3+Ad24+Oc15+Oc9$	54
2	Helium	$2H3+(2H3'+H3)+(3H3)+2Ad24$	72
3	Lithium	$(4Li4)+Li63+8Ad6$	127
4	Beryllium	$Be4+4 (4Be10)$	164
5	Boron	$(4B5)+6 [4(2H3)+Ad6]$	200
6	Carbon	$4+4 (C27+C26)$	216
7	Nitrogen	$N110+N63+2N24+2N20$	261
8	Oxygen	$(55N2+5.0.7)+(55N2+5.0.7')$	290
9	Fluorine	$2N110+8 (2Be4+H3'+Li4)$	340
10	Neon	$Ne120+6 [Ne22+(3Li4)+(2H3)]$	360
	Meta-Neon	$Ne120+6 [Ne22+mNe15+l.7+H3]$	402
11	Sodium	$Na14+2Na10+24Na16$	418
12	Magnesium	$4 [3 (3Mg12)]$	432
13	Aluminium	$6 [Al9'+8Al9]$	486
14	Silicon	$8 [B5+4Si15]$	520
15	Phosphorus	$6 [(B5+3N6+3P9)+(Li4+3Be4+3P9)]$	558
16	Sulphur	$4 [3 (3S16)]$	576
17	Chlorine	$Cl.19+2Na10+24Cl25$	639
	Proto-Argon	$Ne120+6 [N63+Ne22+l.7]$	672
18	Argon	$Ne120+6 [N63+Ne22+Ar14]$	714
	Meta-Argon	$Ne120+6 [N63+Ne22+mNe15+mAr6]$	756
19	Potassium	$(N110+6Li4)+9Li63$	701
20	Calcium	$Ca80+4Ca160$ or $Ca80+4 [Ca45+Ca70+Ca45]$	720
21	Scandium	$(4B5+Be4)+3 [N110+4 (2H3)+Ad6]+$ $3 [N63+2N24+B5]$	792
22	Titanium	$(Ne120+8) + 12Ti14+4 (Ti88+C27+C26+1)$	864
23	Vanadium	$(L7+4B5)+3 [N110+N20+4 (2H3)+Ad6]+$ $3 [N63+2N24+N20+N6]$	918
24	Chromium	$(8N6+8Ad6)+4 (Ca160+2Cr25)$	936
25	Manganese	$N110+14Li63$	992
26	Iron	$14 [2Fe14+Fe16+Fe28]$	1008
27	Cobalt	$14 [2Fe14+Fe16+2Co11+Co8]$	1036
28	Nickel	$14 [2Fe14+Fe16+2Co11+Ni10]$	1064
29	Copper	$Cl.19+2 [2Be4+2Ad6]+24 [Cl.25+2B5+Cu10]$	1139
30	Zinc	$(Zn18)+4 [3(3S16)]+4 [4Zn20+3Zn18'+Cu10]$	1170
31	Gallium	$6 [(Ga7+3Ga15+3Ga20)+(B5+3Ga13+3Ga18)]$	1260
32	Germanium	$(Be4+2Ad24)+8 [4Ge39]$	1300
33	Arsenic	$6 [Al9'+8 (2N9+Al9)]$	1350
34	Selenium	$Zn18+4 [3 (3Se10+3Se10+3N2)+Se153]$	1422

OCCULT CHEMISTRY

343

ATOMIC NO.	ELEMENT	ANALYSIS OF THE STRUCTURE OF THE ELEMENTS	NO. OF ANU
35	Bromine	Cl19+2 (Be4+2H3+2N2)+24 (Cl25+3Ge11)	1439
36	Krypton	Ne120+6 [N63+N110+Ne22+mNe15+Ar14]	1464
	Meta-Krypton	Ne120+6 [N63+N110+Ne22+Ne22+Ar14]	1506
37	Rubidium	(3N110)+16 [Li63+Rb12]	1530
38	Strontium	(Sr96)+4 (2Ca160+2Sr24)	1568
39	Yttrium	(Ad24+Yt16)+6 [N63+N110+Yt44+(4Yt8+2Ad6)]	1606
40	Zirconium	(Ne120+8)+12Zr36+4 (Zr212+C27+C26+1)	1624
41	Niobium	(2Ad24+N9)+6 [N63+N110+Yt44+Nb60]	1719
42	Molybdenum	(N2+Sr96)+4 (2Ca160+2Mo46)	1746
43	Masurium	(3N110)+16 [Li63+Ma29 (a or b)]	1802
44	Ruthenium	14 [2Fe16+2Fe14+2Ru17+2Ru19]	1848
45	Rhodium	14 [2Fe16+2Fe14+2Rh20+2Rh17]	1876
46	Palladium	14 [2Rh17+2Pd15+2Pd17+2Pd19]	1904
47	Silver	Cl19+2(m-Ne5+2H3+2N2)+24(Cl25+3Ge11+Ag21)	1945
48	Cadmium	Cd48+4[3 (3Se10+3Zn18'+4Zn20)]	2016
49	Indium	3 [2 (In16+3Ga15+3Ga20)+(In14+3Ga13+3Ga18)]+ 3 [(In16+3Ga15+3Ga20)+2 (In14+3Ga13+3Ga18)]	2052
50	Tin	Ne120+8 (4Ge39)+6 Sn126	2124
51	Antimony	3 [2Sb128+Sb113]+3 [2Sb113+Sb128]	2169
52	Tellurium	(Cd48+3)+4 [3 (3Se10+3Te21+4Te22)]	2223
53	Iodine	Cl19+2 (3Be4+2H3)+24 (Cl25+3Ge11+5L7)	2287
54	Xenon	Ne120+6 [Xe15+Xe14+N63+2N110+Ne22+mNe15+Ar14]	2298
	Meta-Xenon	Ne120+6 [2mXe18+N63+2N110 Ne22+mNe15+Ar14]	2340
55	Caesium	(4N110)+16 [Li63+2Ma29a]	2376
56	Barium	(I.7+Sr96)+4[2 Ca160+2Mo46+Ba33+Li63b+Ba80]	2455
57	Lanthanum	(Ne120+L7)+3 [N63+N110+Mo46+Ca70+Yt44+Nb60]+3 [N63+N110+Ca45+Ca70+Yt44+Nb60]	2482
58	Cerium	Ce667+4Zr212+4 [Ca160+Ce36+C27+C26]	2511
59	Praeseodymium	Ce667+6 [Pr33+N63+N110+Yt44+Nb60]	2527
60	Neodymium	Ce667+4 [2Ca160+2Mo46+Nd65]	2575
61	Illinium	(4N110)+8 (2Li63+Il.9)+8 [2Li63+Il.14]	2640
	X	14 [3X30+3X28+X15]	2646
	Y	14 [3X30+2Y29+X28+X15]	2674
	Z	14 [3X30+3Z31+Cu10]	2702
62	Samarium	(2Sm84+4Sm66)+2Sm101+24 (Cl25+4Ge11+Ag21)	2794
63	Europium	Eu59+4 [3 (3Se10+3Eu26+4Eu31)]	2843
64	Gadolinium	Ne120+3 [2Sb128+Sb113+(Ca45+2N24)]+3 [Sb128+2Sb113+(Ca45+Mo11+2N24)]	2880

ATOMIC NO.	ELEMENT	ANALYSIS OF THE STRUCTURE OF THE ELEMENT	NO. OF ANU
65	Terbium	Ne120 + 8 (4Ge39 + 2Mo46 + I.7) + 6Sn126	2916
66	Dysprosium	Ne120 + 3 [2Sb128 + Sb113 + (Ca45 + 2Mo11 + 2N24)] + 3 [Sb128 + 2Sb113 + (Ca45 + 2Mo11 + 2N24)]	2979
67	Holmium	Ho220 + 4 [3 (3Se10 + 3Eu26 + 4Eu31)]	3004
68	Erbium	(Cl.19 + 3Sm84 + 6Sm66) + 2Sm101 + 24 [Cl.25 + 4Ge11 + Ag21]	3029
	Kalon	Ne120 + 6 [Xe15 + Xe14 + 2N63 + 2N110 + 2Ne22 + 2mNe15 + 2Ar14 + Ka12]	3054
	Meta-Kalon	Ne120 + 6 [2mXe18 + 2N63 + 2N110 + 2Ne22 + 2mNe15 + 2Ar14 + Ka12]	3096
69	Thulium	(4N110) + 16 [2Li63 + Tm40]	3096
70	Ytterbium	Yb651 + 4 [2Ca160 + 2Mo46 + (Ca160 + Yb48)]	3131
71	Lutecium	Lu819 + 6 [N63 + N110 + Lu53 + Ca70 + Lu36 + Nb60]	3171
72	Hafnium	Hf747 + 4 [Zr212 + 4Hf36] + 4 [Ca160 + Ce36 + C27 + C26 + Ge11]	3211
73	Tantalum	Lu819 + 6 [N63 + N110 + Ta63 + Ca70 + Yt44 + Nb60]	3279
74	Tungsten	Lu819 + 4 [2Ca160 + 2Mo46 + Ca160 + Yb48]	3299
75	Rhenium	(4N110) + 16 [2Li63 + Re57]	3368
76	Osmium	14 [4X30 + 3Z31 + Os32]	3430
77	Iridium	14 [4X30 + 2Ir27 + 2Ir26 + Ag21]	3458
78	Platinum	14 [4X30 + 2Ir26 + 2X28 + Ag21]	3486
	Isotope	14 [4X30 + 2Ir27 + 2X28 + Ag21]	3514
79	Gold	Au864 + 2 (Sm101 + 2Au38) + 24 [Cl.25 + 4Ge11 + Fe28]	3546
80	Mercury	Au864 + 4 [3 (3Se10 + 3Cl.19 + 4Te22) + Se153]	3576
81	Thallium	Tl.687 + 3 [2Sb128 + Sb113 + (Ca45 + Tl.44 + 2N24)] + 3 [Sb128 + 2Sb113 + (Ca45 + Tl.44 + 2N24)]	3678
82	Lead	Tl.687 + 4 [Ca160 + Mo46 + 4Sn35 + Pb31] + 4 [Ca160 + Mo46 + 4Ge39 + Pb21]	3727
83	Bismuth	Tl.687 + 3 [2Sb128 + Sb113 + (Ca45 + Mo46 + 2N24)] + 3 [Sb128 + 2Sb113 + Ti88 + (Ga20 + 4Zr13)]	3753
84	Polonium	Po405 + 4 [3 (3Po17 + 3Po33 + 4Po33')]	3789
85	85	Au864 + 2 (Sm101 + 2Au38) + 24 [Cl.25 + 2 + 4.85.15 + Fe28]	3978
86	Radon	Ne120 + 6 [Xe15 + Xe14 + 2N63 + 3N110 + 3mNe22 + 3mNe15 + 3Ar14 + I.7]	3990
	Meta-Radon	Ne120 + 6 [Xe15 + Xe14 + 2N63 + 3N110 + 3mNe22 + 3mNe15 + 3Ar14 + I.7 + mRd7]	4032
87	87	(5N110) + 16 [3Li63 + 87.27]	4006
88	Radium	Lu819 + 4 [3Ca160 + 3Mo46] + 4 [3Li63 + Cu10]	4087
89	Actinium	Lu819 + 3 [N63 + N110 + Mo46 + Ca160 + Yt44 + Nb60] + 3 [Zr212 + Sb128 + Ac116] + 8Li63	4140

OCCULT CHEMISTRY				345
ATOMIC NO.	ELEMENT	ANALYSIS OF THE STRUCTURE OF THE ELEMENT		NO. OF ANU
90	Thorium	Lu819+4 [Zr212+Sb128+Ac116] +4 [(Ca160+Mo46+2Li63+C27+C26+1)]		4187
91	Proto-Actinium	Lu819+3 [N63+N110+Mo46+Ca160+Yt44+Nb60] +3 [Zr212+Sb128+Ac116+Pa29] +8Li63		4227
92	Uranium	Lu819+4 [3Ca160+3Mo46]+4 [3Li63+Ur36+Ur19]		4267

This Table includes a comparison between the scientific and the occult atomic weights. The scientific atomic weights were calculated from the International list of atomic weights 1949, where O = 16.00 and H = 1.008. The final decision as to the names of elements Nos. 43, 61, 85 and 87 was made too late to be used in this book.

ATOMIC NO.	ELEMENT	SYMBOL	NUMBER OF ANU	NUMBER-WEIGHT HYDROGEN SCALE	SCIENTIFIC ATOMIC-WEIGHT HYDROGEN SCALE	EXTERNAL FORM
1	Hydrogen	H	18	1.00	1.00	Ovoid
	Adyarium	Ad	36	2.00	—	Ovoid
	Occultum	Oc	54	3.00	—	Ovoid
2	Helium	He	72	4.00	3.97	Star
3	Lithium	Li	127	7.06	6.89	Spikes
4	Beryllium	Be	164	9.11	8.94	Tetrahedron
5	Boron	B	200	11.11	10.73	Cube
6	Carbon	C	216	12.00	11.91	Octahedron
7	Nitrogen	N	261	14.50	13.90	Ovoid
8	Oxygen	O	290	16.11	15.87	Ovoid
9	Fluorine	F	340	18.88	18.85	Spikes
10	Neon	Ne	360	20.00	20.02	Star
	Meta-Neon	mNe	402	22.33	—	"
11	Sodium	Na	418	23.22	22.81	Dumb-bell
12	Magnesium	Mg	432	24.00	24.13	Tetrahedron
13	Aluminium	Al	486	27.00	26.76	Cube
14	Silicon	Si	520	28.88	27.84	Octahedron
15	Phosphorus	P	558	31.00	30.73	Cube
16	Sulphur	S	576	32.00	31.81	Tetrahedron
	Chlorine	Cl	639	35.50	35.17	Dumb-bell
	Meta-Chlorine	mCl	667	37.06	—	"
18	Argon	Ar	714	39.66	39.68	Star
	Meta-Argon	mAr	756	42.00	—	"
	Proto-Argon	pAr	672	37.33	—	"
19	Potassium	K	701	38.94	38.79	Spikes
20	Calcium	Ca	720	40.00	39.76	Tetrahedron
21	Scandium	Sc	792	44.00	44.74	Cube
22	Titanium	Ti	864	48.00	47.52	Octahedron
23	Vanadium	V	918	51.00	50.55	Cube
24	Chromium	Cr	936	52.00	51.60	Tetrahedron
25	Manganese	Mn	992	55.11	54.50	Spikes
26	Iron	Fe	1008	56.00	55.41	Bars
27	Cobalt	Co	1036	57.55	58.47	Bars
28	Nickel	Ni	1064	59.11	58.52	Bars

ATOMIC NO.	ELEMENT	SYMBOL	NUMBER OF ANU	NUMBER-WEIGHT HYDROGEN SCALE	SCIENTIFIC ATOMIC-WEIGHT HYDROGEN SCALE	EXTERNAL FORM
29	Copper	Cu	1139	63.28	63.04	Dumb-bell
30	Zinc	Zn	1170	65.00	64.86	Tetrahedron
31	Gallium	Ga	1260	70.00	69.17	Cube
32	Germanium	Ge	1300	72.22	72.02	Octahedron
33	Arsenic	As	1350	75.00	74.12	Cube
34	Selenium	Se	1422	79.00	78.33	Tetrahedron
35	Bromine	Br	1439	79.94	79.38	Dumb-bell
36	Krypton	Kr	1464	81.33	83.04	Star
	Meta-Krypton	mKr	1506	83.66	—	"
37	Rubidium	Rb	1530	85.00	84.80	Spikes
38	Strontium	Sr	1568	87.11	86.93	Tetrahedron
39	Yttrium	Yt	1606	89.22	88.21	Cube
40	Zirconium	Zr	1624	90.22	90.50	Octahedron
41	Niobium	Nb	1719	95.50	92.17	Cube
42	Molybdenum	Mo	1746	97.00	95.19	Tetrahedron
43	Masurium	Ma	1802	100.11	98.21	Spikes
44	Ruthenium	Ru	1848	102.66	100.90	Bars
45	Rhodium	Rh	1876	104.22	102.1	Bars
46	Palladium	Pd	1904	105.77	105.9	Bars
47	Silver	Ag	1945	108.06	107.0	Dumb-bell
48	Cadmium	Cd	2016	112.00	111.5	Tetrahedron
49	Indium	In	2052	114.00	113.9	Cube
50	Tin	Sn	2124	118.00	117.8	Octahedron
51	Antimony	Sb	2169	120.50	120.8	Cube
52	Tellurium	Te	2223	123.50	126.6	Tetrahedron
53	Iodine	I	2287	127.06	125.9	Dumb-bell
54	Zenon	Xe	2298	127.66	130.3	Star
	Meta-Xenon	MXe	2340	130.00	—	"
55	Caesium	Cs	2376	132.00	131.9	Spikes
56	Barium	Ba	2455	136.39	136.3	Tetrahedron
57	Lanthanum	La	2482	137.88	137.8	Cube
58	Cerium	Ce	2511	139.50	139.0	Octahedron
59	Praeseodymium	Pr	2527	140.39	139.8	Cube
60	Neodymium	Nd	2575	143.06	143.1	Tetrahedron
61	Illinium	Il	2640	146.66	145.8	Spikes
	Meta-Illinium	—	2736	152.00	—	"
	X Interperiodic	—	2646	147.00	—	Bars -
	Y ..	—	2674	148.55	—	Bars -
	Z ..	—	2702	150.22	—	Bars -

ATOMIC NO.	ELEMENT	SYMBOL	NUMBER OF ANU	NUMBER-WEIGHT HYDROGEN SCALE	SCIENTIFIC ATOMIC-WEIGHT HYDROGEN SCALE	EXTERNAL FORM
	Isotope Z	—	2716	150.88	—	Bars
62	Samarium	Sm	2794	155.22	149.2	Dumb-bell
63	Europium	Eu	2843	157.94	150.8	Tetrahedron
64	Gadolinium	Gd	2880	160.00	155.7	Cube
65	Terbium	Tb	2916	162.00	158.0	Octahedron
66	Dysprosium	Ds	2979	165.55	161.2	Cube
67	Holmium	Ho	3004	166.88	163.6	Tetrahedron
68	Erbium	Er	3029	168.27	165.9	Dumb-bell
	Kalon	—	3054	169.66	—	Star
	Meta-Kalon	—	3096	172.00	—	"
69	Thulium	Tm	3096	172.00	168.1	Spikes
70	Ytterbium	Yb	3131	173.94	171.7	Tetrahedron
71	Lutecium	Lu	3171	176.17	173.6	Cube
72	Hafnium	Hf	3211	178.38	177.2	Octahedron
73	Tantalum	Ta	3279	182.17	179.5	Cube
74	Tungsten	W	3299	183.28	182.5	Tetrahedron
75	Rhenium	Re	3368	187.11	184.8	Spikes
76	Osmium	Os	3430	190.55	188.7	Bars
77	Iridium	Ir	3458	192.11	191.6	Bars
78	Platinum A	Pt	3486	193.66	193.7	Bars
	" B	—	3514	195.22	—	"
79	Gold	Au	3546	197.00	195.6	Dumb-bell
80	Mercury A	Hg	3576	198.66	199.1	Tetrahedron
	" B	—	3600	200.00	—	"
81	Thallium	Tl	3678	204.33	202.8	Cube
82	Lead	Pb	3727	207.06	205.6	Octahedron
83	Bismuth	Bi	3753	208.50	207.6	Cube
84	Polonium	Po	3789	210.50	208.3	Tetrahedron
85	Astatine	At	3978	221.00	208.3	Dumb-bell
86	Radon	Rn	3990	221.66	220.2	Star
	Meta-Radon	—	4032	224.00	—	"
87	Francium	Fr	4006	222.55	221.2	Spikes
88	Radium	Ra	4087	227.06	224.3	Tetrahedron
89	Actinium	Ac	4140	230.00	225.2	Cube
90	Thorium	Th	4187	232.61	230.3	Octahedron
91	Proto-actinium	Pa	4227	234.83	229.2	Cube
92	Uranium		4267	237.06	236.2	Tetrahedron