Periodic Table of Discovery

1 H Hydrogen 1766 Cavendish																	2 He Helium 1868 Jansen, Lockyer
3 Li Lithium 1817 Arfwedson	4 Be Beryllium 1798 Vauquelin											5 B Boron 1808 Gay-Lussac, Thénard	6 C Carbon Ancient	7 N Nitrogen 1772 Rutherford	8 O Oxygen 1771 Scheele	9 F Fluorine 1810 Ampère	10 Ne Neon 1898 Ramsay, Travers
11 Na Sodium 1807 Davy	12 Mg Magnesium 1755 Black											13 Al Aluminum 1825 Ørsted	14 Si Silicon 1823 Berzelius	15 P Phosphorus 1669 Brand	16 S Sulfur Ancient	17 Cl Chlorine 1774 Scheele	18 Ar Argon 1894 Rayleigh, Ramsay
19 K Potassium 1807 Davy	20 Ca Calcium 1808 Davy	21 Sc Scandium 1879 Nilson	22 Ti Titanium 1791 Gregor	23 V Vanadium 1801 M. Del Rio	24 Cr Chromium 1794 Vauquelin	25 Mn Manganese 1774 Scheele	26 Fe Iron Ancient	27 Co Cobalt 1735 Brandt	28 Ni Nickel 1751 Cronstedt	29 Cu Copper Ancient	30 Zn Zinc Ancient	31 Ga Gallium 1875 P.E.L. de Boisbaudran	32 Ge Germanium 1886 Winkler	33 As Arsenic Ancient	34 Se Selenium 1817 Berzelius Gahn	35 Br Bromine 1825 Balard Löwig	36 Kr Krypton 1898 Ramsay, Travers
37 Rb Rubidium 1861 Bunsen, Kirchhoff	38 Sr Strontium 1787 Cruikshank	39 Y Yttrium 1794 Gadolin	40 Zr Zirconium 1789 Klaproth	41 Nb Niobium 1801 Hatchett	42 Mo Molybdenum 1778 Scheele	43 Tc Technetium 1937 Perrier, Segrè	44 Ru Ruthenium 1844 Claus	45 Rh Rhodium 1804 Wollaston	46 Pd Palladium 1802 Wollaston	47 Ag Silver Ancient	48 Cd Cadmium 1817 Hermann, Stromeyer, Roloff	49 In Indium 1863 Reich, Richter	50 Sn Tin Ancient	51 Sb Antimony Ancient	52 Te Tellurium 1782 Müller von Reichenstein	53 I Iodine 1811 Courtois	54 Xe Xenon 1898 Ramsay, Travers
55 Cs Cesium 1860 Bunsen, Kirchhoff	56 Ba Barium 1772 Scheele		72 Hf Hafnium 1922 Coster, de Hevesy	73 Ta Tantalum 1802 Ekeberg	74 W Tungsten 1781 Scheele	75 Re Rhenium 1908 Ogawa	76 Os Osmium 1803 Tennant	77 Ir Iridium 1803 Tennant	78 Pt Platinum 1735 de Ulloa	79 Au Gold Ancient	80 Hg Mercury Ancient	81 Tl Thallium 1861 Crookes	82 Pb Lead Ancient	83 Bi Bismuth 1753 Geoffroy	84 Po Polonium 1898 P. and M. Curie	85 At Astatine 1940 Corson, MacKenzie, Segrè	86 Rn Radon 1899 Rutherford, Owens
87 Fr Francium 1939 Perey	88 Ra Radium 1898 P. and M. Curie		104 Rf Rutherfordium 1969 Berkeley Radiation JINR (Dubna)	105 Db Dubnium 1970 Berkeley Radiation JINR (Dubna)	106 Sg Seaborgium 1974 Berkeley Radiation	107 Bh Bohrium 1981 GSI (Darmstadt)	108 Hs Hassium 1984 GSI (Darmstadt)	109 Mt Meitnerium 1982 GSI (Darmstadt)	110 Ds Darmstadtium 1994 GSI (Darmstadt)	111 Rg Roentgenium 1994 GSI (Darmstadt)	112 Cn Copernicium 1996 GSI (Darmstadt)	113 Nh Nihonium 2003 JINR (Dubna) RIKEN (Wako)	114 Fl Flerovium 1999 JINR (Dubna)	115 Mc Moscovium 2003 JINR (Dubna)	116 Lv Livermorium 1999 JINR (Dubna)	117 Ts Tennessine 2009 JINR (Dubna)	118 Og Oganesson 2002 JINR (Dubna)

57 La Lanthanum 1838 Mosander	58 Ce Cerium 1803 Klaproth, Berzelius, Hisinger	59 Pr Praseodymium 1885 Auer von Welsbach	60 Nd Neodymium 1885 Auer von Welsbach	61 Pm Promethium 1942 Wu, Segrè, Bethe	62 Sm Samarium 1879 P.E.L. de Boisbaudran	63 Eu Europium 1896 Bemarçay	64 Gd Gadolinium 1880 J. C. G. de Marignac	65 Tb Terbium 1843 Mosander	66 Dy Dysprosium 1886 P.E.L. de Boisbaudran	67 Ho Holmium 1878 Soret	68 Er Erbium 1843 Mosander	69 Tm Thulium 1879 Cleve	70 Yb Ytterbium 1878 J.C.G. de Marignac	71 Lu Lutetium 1906 Auer von Welsbach, Urbain
89 Ac Actinium 1902 Giesel	90 Th Thorium 1829 Berzelius	91 Pa Protactinium 1913 Göhring, Fajans	92 U Uranium 1789 Klaproth	93 Np Neptunium 1940 McMillan, Abelson	94 Pu Plutonium 1940 Seaborg, Wahl, Kennedy, McMillan	95 Am Americium 1944 Seaborg, James, Morgan, Ghiroso	96 Cm Curium 1944 Seaborg, James, Ghiorso	97 Bk Berkelium 1949 UC Berkeley	98 Cf Californium 1950 UC Berkeley	99 Es Einsteinium 1952 UC Berkeley, Argonne, Los Alamos	100 Fm Fermium 1952 UC Berkeley, Argonne, Los Alamos	101 Md Mendelevium 1955 Berkeley Radiation Laboratory	102 No Nobelium 1958 JINR (Dubna)	103 Lr Lawrencium 1961 Berkeley Radiation Laboratory

Known to the Ancients	1600 to 1799	1800 to 1849	1850 to 1899	1900 to 1949	1950 to 1999	2000 to Present

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