

NAMES OF SCIENTISTS ASSOCIATED WITH DISCOVERIES OF ELEMENTS OF PERIODIC TABLE

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Z, Element	Symbol	Discoverer	Dates	Nationality	Place and Date of Discovery
1. Hydrogen	H	Cavendish, Henry	1731 - 1810	British (b. Nice, France)	1766 London, England
2. Helium	He	Ramsay, Sir William	1852 - 1916	Scottish (b. Glasgow, Scotland)	1895 London, England
3. Lithium	Li	Arfvedson, Johann August	1792 - 1841	Swedish (b. Skagerholms-Bruk, Skaraborgs-Län, Sweden)	1817 Stockholm, Sweden

4. Beryllium	Be	Vauquelin, Louis Nicolas	1763 - 1829	French (b. Saint- André d'Héberôt, Calvados, France)	1797 Paris, France
5. Boron	B	Gay-Lussac, Joseph Louis	1778 - 1850	French (b. St. Léonard, Haute Vienne, France)	1808 Paris, France London, England
		Thénard, Louis Jacques	1777 - 1857	French (b. Louptière, France)	
		Davy, Sir Humphry	1778 - 1829	British (b. Penzance, Cornwall, England)	
6. Carbon	C	N/A	N/A	N/A	pre-history
7. Nitrogen	N	Rutherford, Daniel	1749 - 1819	Scottish (b. Edinburgh, Scotland)	1772 Edinburgh, Scotland
8. Oxygen	O	Priestley, Joseph	1733 - 1804	British (b. Fieldhead, near Leeds, England)	1774 Leeds, England
		Scheele, Carl Wilhelm	1742 - 1786	Swedish (b. Stralsund, Pomerania, now in Germany)	Uppsala, Sweden

9. Fluorine	F	Moissan, Henri	1852 - 1907	French (b. Paris, France)	1886 Paris, France
10. Neon	Ne	Ramsay, Sir William Travers, Morris William	1852 - 1916 1872 - 1961	Scottish (b. Glasgow, Scotland) British (b. Kensington, London, England)	1898 London, England
11. Sodium	Na	Davy, Sir Humphry	1778 - 1829	British (b. Penzance, Cornwall, England)	1807 London, England
12. Magnesium	Mg	Black, Joseph	1728 - 1799	Scottish (b. Bordeaux, France)	1755 Edinburgh, Scotland
13. Aluminum	Al	Örsted, Hans Christian	1777 - 1851	Danish (b. Rudkøbing, Denmark)	1825 Copenhagen, Denmark
14. Silicon	Si	Berzelius, Jöns Jakob	1779 - 1848	Swedish (b. Väversunda, Östergötland, Sweden)	1824 Stockholm, Sweden
15. Phosphorus	P	Brand, Hennig	<i>fl.</i> 1670	German (b. Hamburg, Germany)	1669 Hamburg, Germany

16. Sulfur	S	N/A	N/A	N/A	pre-history
17. Chlorine	Cl	Scheele, Carl Wilhelm	1742 - 1786	Swedish (b. Stralsund, Pomerania, now in Germany)	1774 Uppsala, Sweden
18. Argon	Ar	Rayleigh, Lord John William Strutt, 3rd Baron Ramsay, Sir William	1842 - 1919 1852 - 1916	British (b. near Maldon, Essex, England) Scottish (b. Glasgow, Scotland)	1894 London, England Bristol, England
19. Potassium	K	Davy, Sir Humphry	1778 - 1829	British (b. Penzance, Cornwall, England)	1807 London, England
20. Calcium	Ca	Davy, Sir Humphry	1778 - 1829	British (b. Penzance, Cornwall, England)	1808 London, England
21. Scandium	Sc	Nilson, Lars Frederick	1840 - 1899	Swedish (b. Östergötland, Sweden)	1879 Uppsala, Sweden

22. Titanium	Ti	Gregor, Rev. William	1761 - 1817	British (b. Trewarthenick, Cornwall, England)	1791 Creed, Cornwall, England
		Klaproth, Martin Heinrich	1743 - 1817	German (b. Wernigerode, Germany)	1795 Berlin, Germany
23. Vanadium	V	del Rio, Andrés Manuel	1764 - 1849	Spanish (b. Madrid, Spain)	1801 Mexico City, Mexico
24. Chromium	Cr	Vauquelin, Louis Nicolas	1763 - 1829	French (b. Saint- André d'Héberôt, Calvados, France)	1780 Paris, France
25. Manganese	Mn	Gahn, Johan Gottlieb	1745 - 1818	Swedish (b. Voxna, Gävleborg, Sweden)	1774 Stockholm, Sweden
26. Iron	Fe	N/A	N/A	N/A	c. 2500 BC
27. Cobalt	Co	Georg Brandt	1694 - 1768	Swedish (b. Riddarhytta, Sweden)	1735 Stockholm, Sweden
28. Nickel	Ni	Cronstedt, Axel Frederik, Baron	1722 - 1765	Swedish (b. Södermanland, Sweden)	1751 Stockholm, Sweden
29. Copper	Cu	N/A	N/A	N/A	c. 5000 BC

30. Zinc	Zn	N/A	N/A	N/A	pre 1500
31. Gallium	Ga	de Boisbaudran, Paul Émile Lecoq	1838 - 1912	French (b. Cognac, Charente, France)	1875 Paris, France
32. Germanium	Ge	Winkler, Clemens Alexander	1838 - 1904	German (b. Freiberg, Germany)	1886 Freiberg, Germany
33. Arsenic	As	Magnus, Albertus St. (Count von Bollstädt)	1193 - 1280	German (b. Lauingen, Germany)	c. 1250 Germany
34. Selenium	Se	Berzelius, Jöns Jakob	1779 - 1848	Swedish (b. Väversunda, Östergötland, Sweden)	1817 Stockholm, Sweden
35. Bromine	Br	Balard, Antoine Jérôme	1802 - 1876	French (b. Montpellier, Hérault, France)	1826 Montpellier, France
		Löwig, Carl	1803 - 1890	German (b. Kreuznach, Germany)	Heidelberg, Germany

36. Krypton	Kr	Ramsay, Sir William Travers, Morris William	1852 - 1916 1872 - 1961	Scottish (b. Glasgow, Scotland) British (b. Kensington, London, England)	1898 London, England
37. Rubidium	Rb	Bunsen, Robert Wilhelm Kirchhoff, Gustav Robert	1811 - 1899 1824 - 1887	German (b. Göttingen, Germany) German (b. Königsberg, Prussia (now Kaliningrad, Russia)))	1861 Heidelberg, Germany
38. Strontium	Sr	Crawford, Adair	1748 - 1795	Scottish (b. Antrim, Ireland)	1808 Edinburgh, Scotland
39. Yttrium	Y	Gadolin, Johann	1760 - 1852	Finnish (b. Åbo, Finland)	1794 Åbo, Finland
40. Zirconium	Zr	Klaproth, Martin Heinrich	1743 - 1817	German (b. Wernigerode, Germany)	1789 Berlin, Germany
41. Niobium	Nb	Hatchett, Charles	1765 - 1847	British (b. London, England)	1801 London, England

42. Molybdenum	Mo	Hjelm, Peter Jacob	1746 - 1813	Swedish (b. Sunnerbo, Sweden)	1781 Uppsala, Sweden
43. Technetium	Tc	Perrier, Carlo Segré, Emilio Gino	1886 - 1948 1905 - 1989	Italian (b. ?) Italian-American (b. Tivoli, near Rome, Italy)	1937 Palermo, Sicily, Italy
44. Ruthenium	Ru	Sniadecki, Jędrzej Andrzej	1768 - 1838	Polish (b. ?)	1808 Vilno, Poland
45. Rhodium	Rh	Wollaston, William Hyde	1766- 1828	British (b. East Dereham, Norfolk, England)	1803 London, England
46. Palladium	Pd	Wollaston, William Hyde	1766- 1828	British (b. East Dereham, Norfolk, England)	1803 London, England
47. Silver	Ag	N/A	N/A	N/A	c. 3000 BC
48. Cadmium	Cd	Davy, Sir Humphry	1778 - 1829	British (b. Penzance, Cornwall, England)	1817 London, England

49. Indium	In	Reich, Ferdinand	1799 - 1882	German (b. Bernburg, Germany)	1863 Freiberg, Germany
		Richter, Hieronymous Theodor	1824 - 1898	German (b. Dresden, Germany)	
50. Tin	Sn	N/A	N/A	N/A	c. 2100 BC
51. Antimony	Sb	N/A	N/A	N/A	c. 1600 BC
52. Tellurium	Te	Müller, Franz Joseph, Baron von Reichenstein	1740 - 1825	Austrian (b. Nagyszeben, Austria, now Rumania)	1783 Sibiu, Romania
53. Iodine	I	Courtois, Bernard	1777 - 1838	French (b. Dijon, France)	1811 Paris, France
54. Xenon	Xe	Ramsay, Sir William	1852 - 1916	Scottish (b. Glasgow, Scotland)	1898 London, England
		Travers, Morris William	1872 - 1961	British (b. Kensington, London, England)	

55. Cesium	Cs	Bunsen, Robert Wilhelm	1811 - 1899	German (b. Göttingen, Germany)	1860 Heidelberg, Germany
		Kirchhoff, Gustav Robert	1824 - 1887	German (b. Königsberg, Prussia (now Kaliningrad, Russia)))	
56. Barium	Ba	Davy, Sir Humphry	1778 - 1829	British (b. Penzance, Cornwall, England)	1808 London, England
57. Lanthanum	La	Mosander, Carl Gustav	1797 - 1858	Swedish (b. Kalmar, Sweden)	1839 Stockholm, Sweden
58. Cerium	Ce	Berzelius, Jöns Jakob	1779 - 1848	Swedish (b. Väversunda, Östergötland, Sweden)	1803 Västmanland, Sweden
		Hisinger, Wilhelm	1766 - 1852	Swedish (b. Skinskatteberg, Västmanland, Sweden)	

59. Praseodymium	Pr	Auer, Karl, Freiherr von Welsbach	1858 - 1929	Austrian (b. Vienna, Austria)	1885 Vienna, Austria
60. Neodymium	Nd	Auer, Karl, Freiherr von Welsbach	1858 - 1929	Austrian (b. Vienna, Austria)	1885 Vienna, Austria
61. Promethium	Pm	Marinsky, Jacob A. Glendenin, Lawrence Elgin Coryell, C.D.	1918 1918 - ?	American (b. Buffalo, New York, USA) American (b. Bay City, Michigan, USA)	1945 Oak Ridge, USA
62. Samarium	Sm	de Boisbaudran, Paul Émile Lecoq	1838 - 1912	French (b. Cognac, Charente, France)	1879 Paris, France
63. Europium	Eu	Demarçay, Eugène Anatole	1852 - 1904	French (b. Paris, France)	1901 Paris, France
64. Gadolinium	Gd	de Marignac, Jean Charles Galissard	1817 - 1894	Swiss (b. Geneva, Switzerland)	1880 Geneva, Switzerland
65. Terbium	Tb	Mosander, Carl Gustav	1797 - 1858	Swedish (b. Kalmar, Sweden)	1843 Stockholm, Sweden

66. Dysprosium	Dy	de Boisbaudran, Paul Émile Lecoq	1838 - 1912	French (b. Cognac, Charente, France)	1886 Paris, France
67. Holmium	Ho	Cleve, Per Teodor Delafontaine, Marc Soret, J.L.	1840 - 1905 1837 - 1911	Swedish (b. Stockholm, Sweden) French (b. France)	1878 Uppsala, Sweden Geneva, Switzerland
68. Erbium	Er	Mosander, Carl Gustav	1797 - 1858	Swedish (b. Kalmar, Sweden)	1842 Stockholm, Sweden
69. Thulium	Tm	Cleve, Per Teodor	1840 - 1905	Swedish (b. Stockholm, Sweden)	1879 Uppsala, Sweden
70. Ytterbium	Yb	de Marignac, Jean Charles Galissard	1817 - 1894	Swiss (b. Geneva, Switzerland)	1878 Geneva, Switzerland
71. Lutetium	Lu	Urbain, Georges James, C.	1872 - 1938	French (b. Paris, France)	1907 Paris, France New Hampshire, USA

72. Hafnium	Hf	Coster, Dirk	1889 - 1950	Dutch (b. Amsterdam, Netherlands)	1923 Copenhagen, Denmark
		Hevesy, György Karl von	1885 - 1966	Hungarian- Swedish (b. Budapest, Hungary)	
73. Tantalum	Ta	Ekeberg, Anders Gustaf	1767 - 1813	Swedish (b. Stockholm, Sweden)	1802 Uppsala, Sweden
74. Tungsten	W	D'Elhuyar, Don Juan José D'Elhuyar, Don Fausto	1755 - 1833	Spanish (b. Logroño, Spain)	1783 Vergara, Spain
75. Rhenium	Re	Noddack, Walter Karl Friedrich	1893 - 1960	German (b. Bamberg, Germany)	1925 Berlin, Germany
		Noddack, Ida Eva Tacke	1896 - 1978	German (b. Lackhausen, Germany)	
		Berg, Otto	1874 -	German (b. ?)	

76. Osmium	Os	Tennant, Smithson	1761 - 1815	British (b. Selby, England)	1803 London, England
77. Iridium	Ir	Tennant, Smithson	1761 - 1815	British (b. Selby, England)	1803 London, England
78. Platinum	Pt	N/A	N/A	N/A	pre 1700
79. Gold	Au	N/A	N/A	N/A	c. 3000 BC
80. Mercury	Hg	N/A	N/A	N/A	c. 1500 BC
81. Thallium	Tl	Crookes, Sir William	1832 - 1919	British (b. London, England)	1861 London, England
82. Lead	Pb	N/A	N/A	N/A	c. 1000 BC
83. Bismuth	Bi	N/A	N/A	N/A	c. 1500
84. Polonium	Po	Curie, Marie			1898 Paris, France
85. Astatine	At	Corson, Dale Raymond Mackenzie, Kenneth Ross Segrè, Emilio Gino	1914 - 1912 - ? 1905 - 1989	American (b. Pittsburg, Kansas, USA) American (b. Portland, Oregon, USA) Italian-American (b. Tivoli, near Rome, Italy)	1940 Berkeley, California, USA

86. Radon	Rn	Dorn, Friedrich Ernst	1848 - 1916	German (b. Guttstadt, Germany)	1900 Halle, Germany
87. Francium	Fr	Perey, Marguerite Catherine	1909 - 1975	French (b. Villemomble, France)	1939 Paris, France
88. Radium	Ra	Curie, Marie (Manya née Sklodowska) Curie, Pierre	1867 - 1934 1859 - 1906	French (b. Warsaw, Poland) French (b. Paris, France)	1898 Paris, France
89. Actinium	Ac	Debiere, André Louis	1874 - 1949	French (b. Paris, France)	1899 Paris, France
90. Thorium	Th	Berzelius, Jöns Jakob	1779 - 1848	Swedish (b. Väversunda, Östergötland, Sweden)	1815 Stockholm, Sweden

91. Protactinium	Pa	Hahn, Otto	1879 - 1968	German (b. Frankfurt, Germany)	1917 Berlin, Germany
		Meitner, Lise	1878 - 1968	Austrian-Swedish (b. Vienna, Austria)	
		Soddy, Frederick	1877 - 1956	British (b. Eastbourne, England)	
		Cranston, John A.	1925 - 1980	British (b. England)	
		Fleck, Sir Alexander, Baron	1889 - 1968	Scottish (b. Glasgow, Scotland)	
		Fajans, Kasimir	1887 - 1975	Polish (b. Warsaw, Poland)	
		Göhring, Otto H.			
92. Uranium	U	Klaproth, Martin Heinrich	1743 - 1817	German (b. Wernigerode, Germany)	1789 Berlin, Germany

93. Neptunium	Np	McMillan, Edwin M.	1907 - 1991	American (b. Redondo Beach, California, USA)	1940 Berkeley, California, USA
		Abelson, Philip Hauge	1913	American (b. Tacoma, Washington, USA)	
94. Plutonium	Pu	Seaborg, Glenn T.	1912 - 1999	American (b. Ishpeming, Michigan, USA)	1940 Berkeley, California, USA
		Wahl, Arthur Charles	1917 -	American (b. Des Moines, Iowa, USA)	
		Kennedy, J.W.	?		

95. Americium	Am	Seaborg, Glenn T. James, Ralph Arthur Morgan, Leon Owen Ghiorso, Albert	1920 - 1919 - 1915 -	American (b. Salt Lake City, Utah, USA) American (b. Oklahoma City, Oklahoma, USA) American (b. Vallejo, California, USA)	1944 Chicago, Illinois, USA
96. Curium	Cu	Seaborg, Glenn T. James, R.A. Ghiorso, Albert		Americans	1944 Berkeley, California, USA
97. Berkelium	Bk	Thompson, S.G. Seaborg, Glenn T. Ghiorso, Albert		Americans	1949 Berkeley, California, USA

98. Californium	Cf	Thompson, S.G. Seaborg, Glenn T. Ghiorso, Albert Street, Jr., Kenneth	American (b. Berkeley, CA, USA)	Americans	1950 Berkeley, California, USA
99. Einsteinium	Es	Choppin, Gregory Robert Thompson, Stanley Gerald Harvey, Bernard George Ghiorso, Albert	1927 - 1912 - 1976 1919 - ?	American (b. Eagle Lake, Texas, USA) British-American (b. England)	1952 Berkeley, California, USA
100. Fermium	Fm	Choppin, Gregory Robert Thompson, S.G. Harvey, B.G. Ghiorso, Albert	1927 -	American (b. Eagle Lake, Texas, USA)	1952 Berkeley, California, USA

101. Mendelevium	Md	Choppin, Gregory Robert Thompson, S.G. Harvey, B.G. Ghiorso, Albert Seaborg, Glenn T.	1927 -	American (b. Eagle Lake, Texas, USA)	1955 Berkeley, California, USA
102. Nobelium	No	Sikkeland, T. Walton, John Richard Ghiorso, Albert Seaborg, Glenn T.	1923 -	American (b. Chicago Heights, Illinois, USA)	1958 Berkeley, California, USA
103. Lawrencium	Lr	Larsh, A.E. Sikkeland, T. Ghiorso, Albert Latimer, R.M.		Americans	1961 Berkeley, California, USA
104. Rutherfordium	Rf	various		Russians, Americans	1964 Dubna, Russia Berkeley, California, USA
105. Dubnium	Db	various		Russians, Americans	1967 Dubna, Russia Berkeley, California, USA

106. Seaborgium	Sg	Ghiorso, Albert		Americans	1974 Berkeley, California, USA
107. Bohrium	Bh	Armbruster, Peter Münzenberg, Gottfried		Germans	1981 Darmstadt, Germany
108. Hassium	Hs	Armbruster, Peter Münzenberg, Gottfried		Germans	1984 Darmstadt, Germany
109. Meitnerium	Mt	Armbruster, Peter Münzenberg, Gottfried		Germans	1982 Darmstadt, Germany
110. Ununnilium	Uun	Armbruster, Peter Hofman		Germans	1994 Darmstadt, Germany
111. Unununium	Uuu	Armbruster, Peter Hofman		Germans	1994 Darmstadt, Germany
112. Ununbium	Uub	Armbruster, Peter Hofman		Germans	1996 Darmstadt, Germany