



# Chemistry International

2000, Vol. 22, No. 6 (November)



# Chemistry International

The news magazine of the International Union of Pure and Applied Chemistry (IUPAC)

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THE INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY

**80 Years of Service to Chemistry**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
H 1.00794	He 4.002602																
Li 6.941	Be 9.012182																
B 10.811	C 12.0107	N 14.00643	O 15.999	F 18.998403	Ne 20.1797												
Na 22.98976928	Mg 24.304	Al 26.9815386	Si 28.0855	P 30.973762	S 32.06	Cl 35.453	Ar 39.948	K 39.0983	Ca 40.078	Sc 44.955912	Ti 47.88	V 50.9415	Cr 51.9961	Mn 54.938044	Fe 55.845	Cu 63.546	Zn 65.38
Kr 83.80	Rb 85.4678	Sr 87.62	Y 88.90584	Zr 91.224	Nb 92.90638	Mo 95.94	Tc 98.9062	Ru 101.07	Rh 102.9055	Pd 106.9051	Ag 107.8682	Cd 112.411	In 114.818	Sn 118.710	Sb 121.757	Te 127.6	I 126.90547
Xe 131.29	Ba 137.327	La 138.90547	Ce 140.12	Pr 140.90765	Nd 144.24	Pm 144.91288	Sm 150.36	Eu 151.964	Gd 157.25	Tb 158.92535	Dy 162.50	Ho 164.93032	Er 167.259	Tm 168.93223	Yb 173.05468	Lu 174.967	Hf 178.49
Ra 226	Ac 227	Th 232.0377	Pa 231.03688	U 238.02891	Np 237.048173	Pu 244.06422	Am 243.061381	Cm 247.070353	Bk 247.070353	Cf 251.0825	Es 252.083	Fm 257.10	Mn 258.10	Uu 262	Uub 263	Uuc 264	Uud 265
<small>Elements 112 and above have been reported but not yet fully synthesized and named</small>																	
<b>TIME OF DISCOVERY</b>																	
Before 1800 1800-1849 1850-1899 1900-1949 1950-1999 2000																	

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**Front cover:** Commemorative periodic table to celebrate IUPAC's 80 years of service to chemistry. See article on page 161.

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International Union of Pure and Applied Chemistry

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The International Union of Pure and Applied Chemistry (IUPAC), formed in 1919, is a voluntary non-governmental, nonprofit association of organizations, each of which represents the chemists of a member country. Its objectives are as follows:

- to promote continuing cooperation among the chemists of the member countries
- to study topics of international importance to pure and applied chemistry which need standardization or codification
- to cooperate with other international organizations that deal with topics of a chemical nature
- to contribute to the advancement and understanding of pure and applied chemistry in all its aspects

The membership of IUPAC currently comprises 45 national organizations.

### National Adhering Organizations

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Australian Academy of Science (**Australia**)  
Österreichische Akademie der Wissenschaften (**Austria**)  
Nationaal Comité voor Scheikunde/Comité National de Chimie (**Belgium**)  
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National Research Council of Canada (**Canada**)  
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Chinese Chemical Society, Beijing (**China**)  
Chemical Society located in Taipei (**China**)  
Croatian Chemical Society (**Croatia**)  
Czech National Committee for Chemistry (**Czech Republic**)  
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