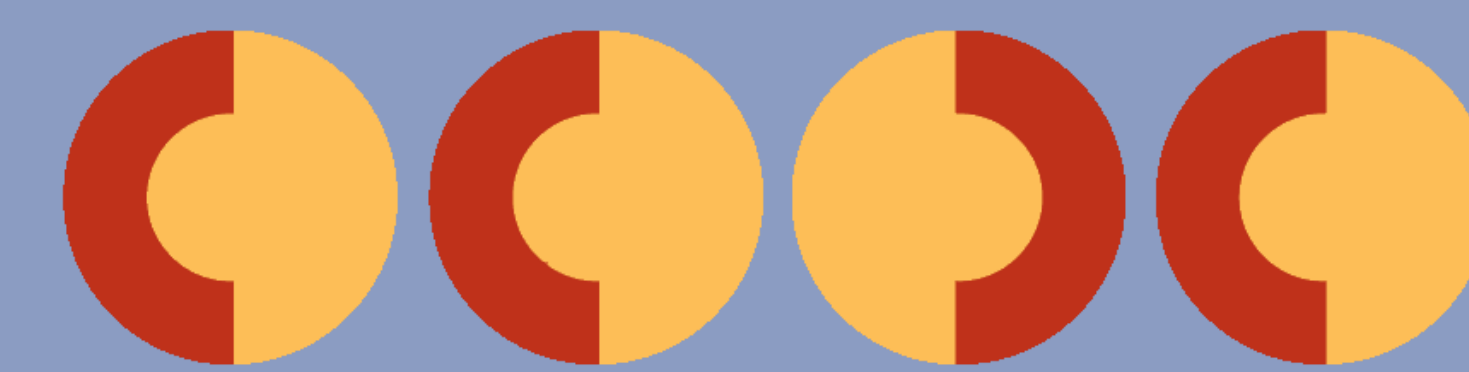


Elements in the Cambridge Structural Database: Marking the International Year of the Periodic Table (IYPT)



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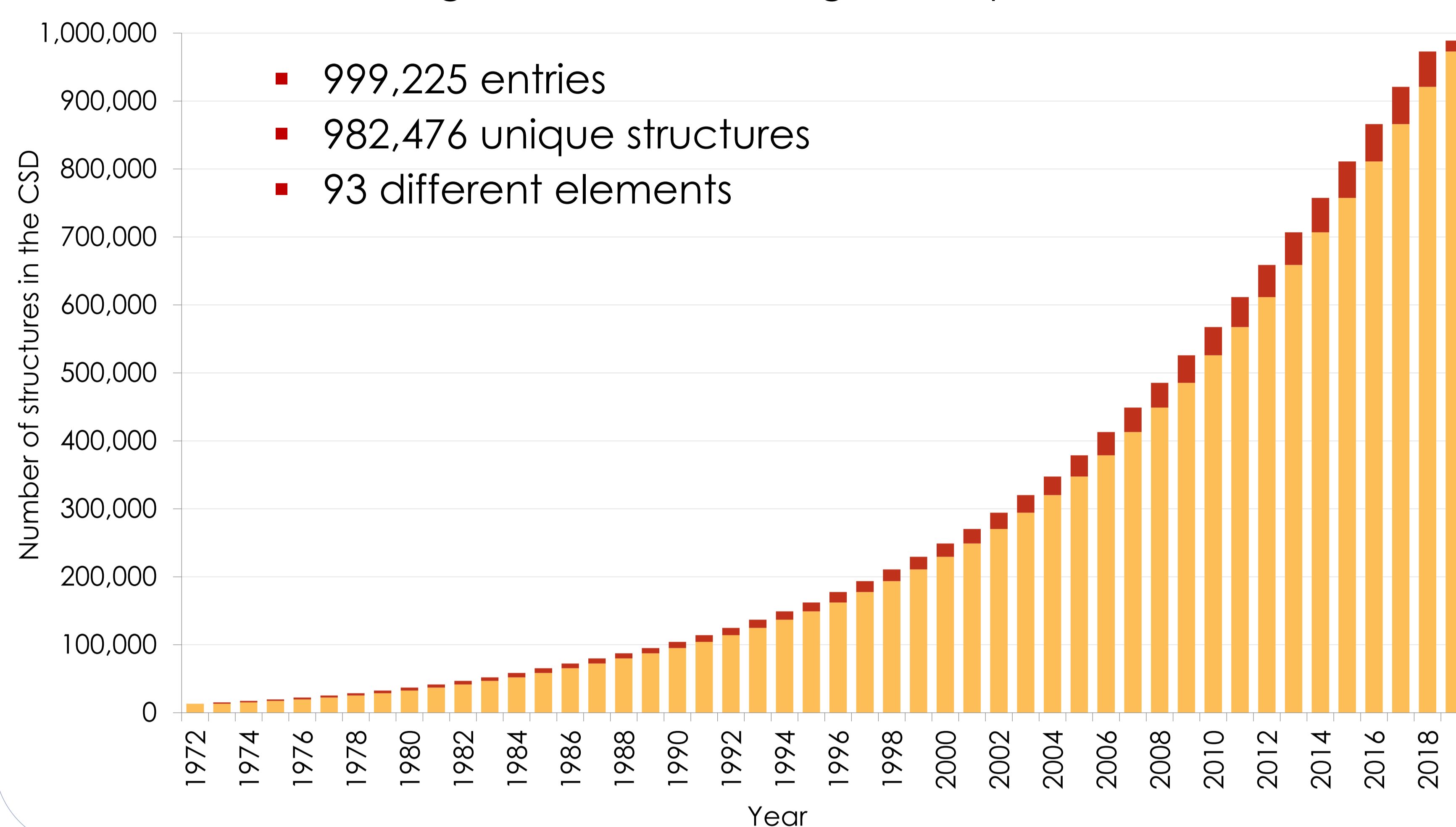
¹The Cambridge Crystallographic Data Centre (CCDC), Cambridge, CB2 1EZ, U. K., ²Dept. of Chemistry, University of Cambridge, CB2 1EW, U. K.,

³The CCDC, Princeton, U.S.A., ⁴Diamond Light Source, Harwell Campus, Didcot, U.K.

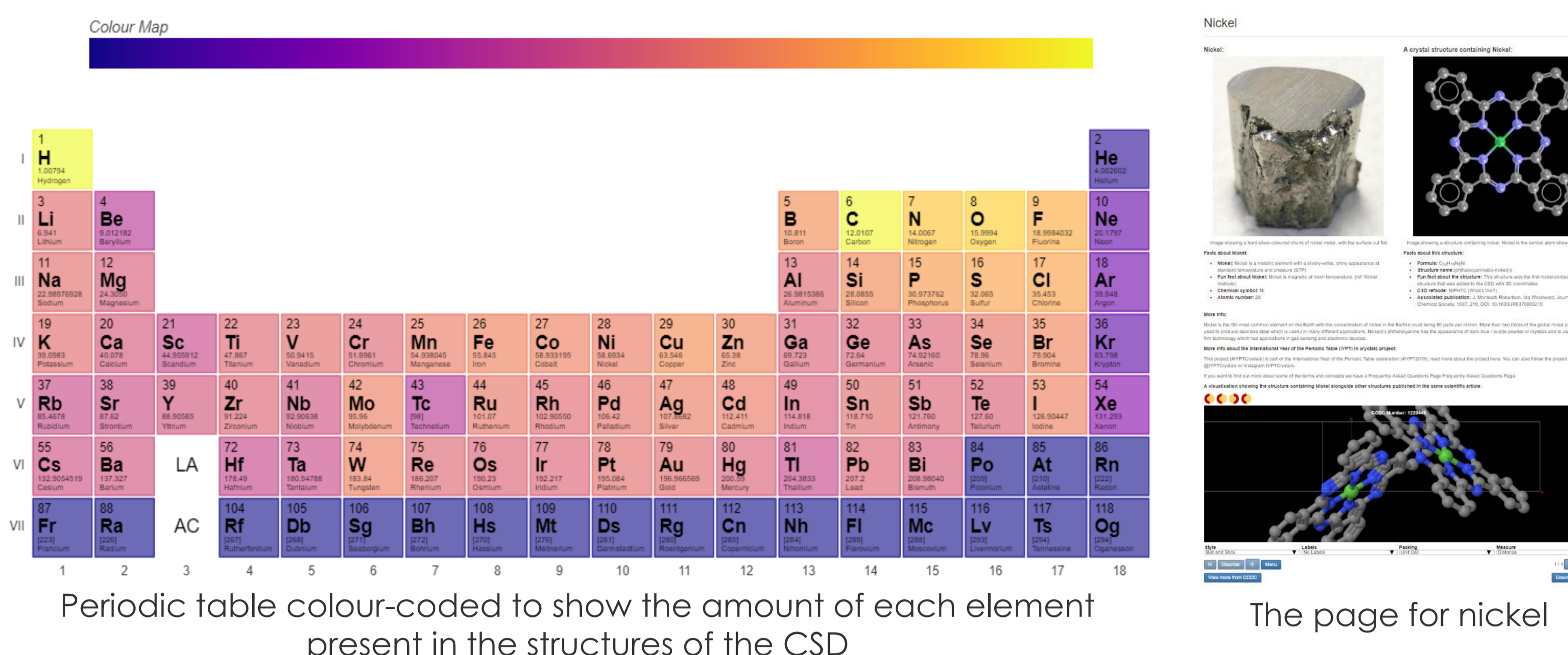
E-mail: davies@ccdc.cam.ac.uk Website: <http://www.ccdc.cam.ac.uk>

THE CSD

A database of organic and metal-organic experimental structures



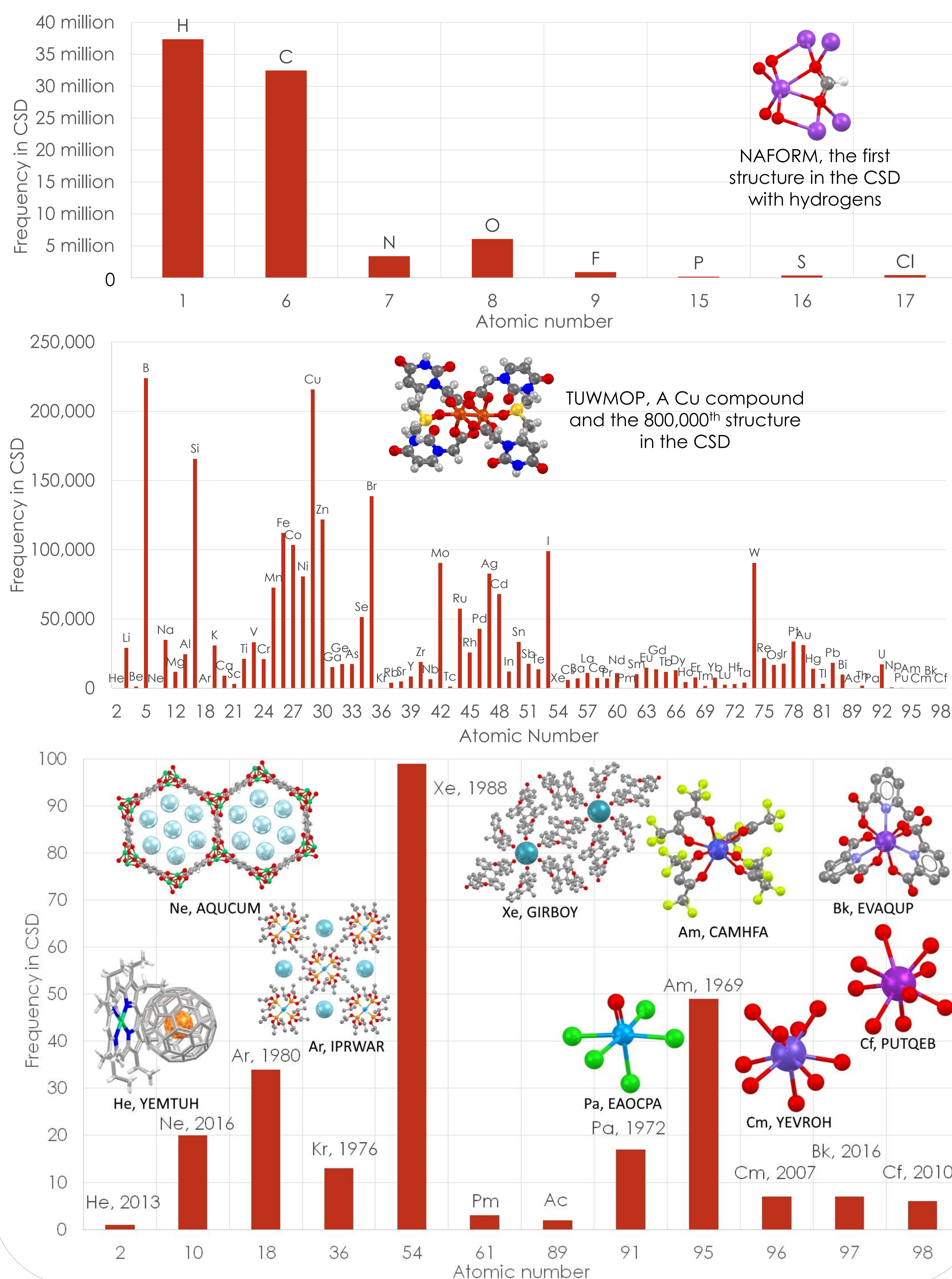
IYPT IN CRYSTALS



The International Year of the Periodic Table in Crystals project (#IYPTCrystals) is a collaboration between the CCDC and the BCA to highlight different elements through crystal structures. It aims to let you see inside those crystals and to celebrate the amazing science that has been made possible through crystallography and the periodic table. It is community led project so let us know if you want to contribute too!

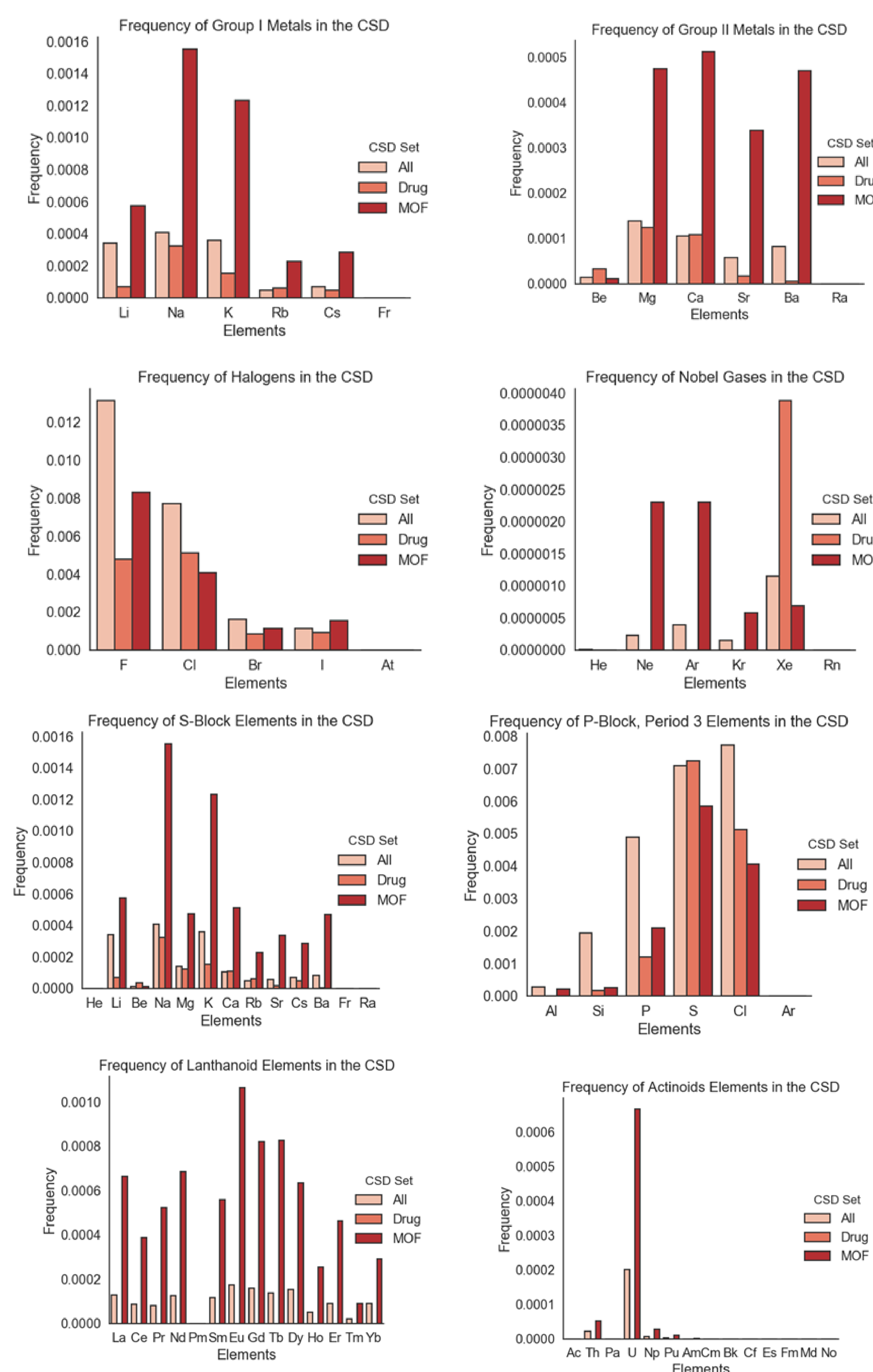
ELEMENTS IN THE CSD

Graphs showing the frequency of occurrence of elements in the CSD



ELEMENTS IN THE DRUG AND MOF SUBSETS

We compared the relative frequency of elements in the Drug and MOF subsets of the CSD as whole. To account for the difference in subset size, frequencies are given as a percentage of the total number of elements in each set.



Visit www.ccdc.cam.ac.uk/structures and enter the refcode to find out more details about the structures mentioned here and their bibliographic details

To find out more about the IYPT in Crystals project go to <https://www.ccdc.cam.ac.uk/Community/educationalresources/PeriodicTable/>

