

A Journal of the Gesellschaft Deutscher Chemiker

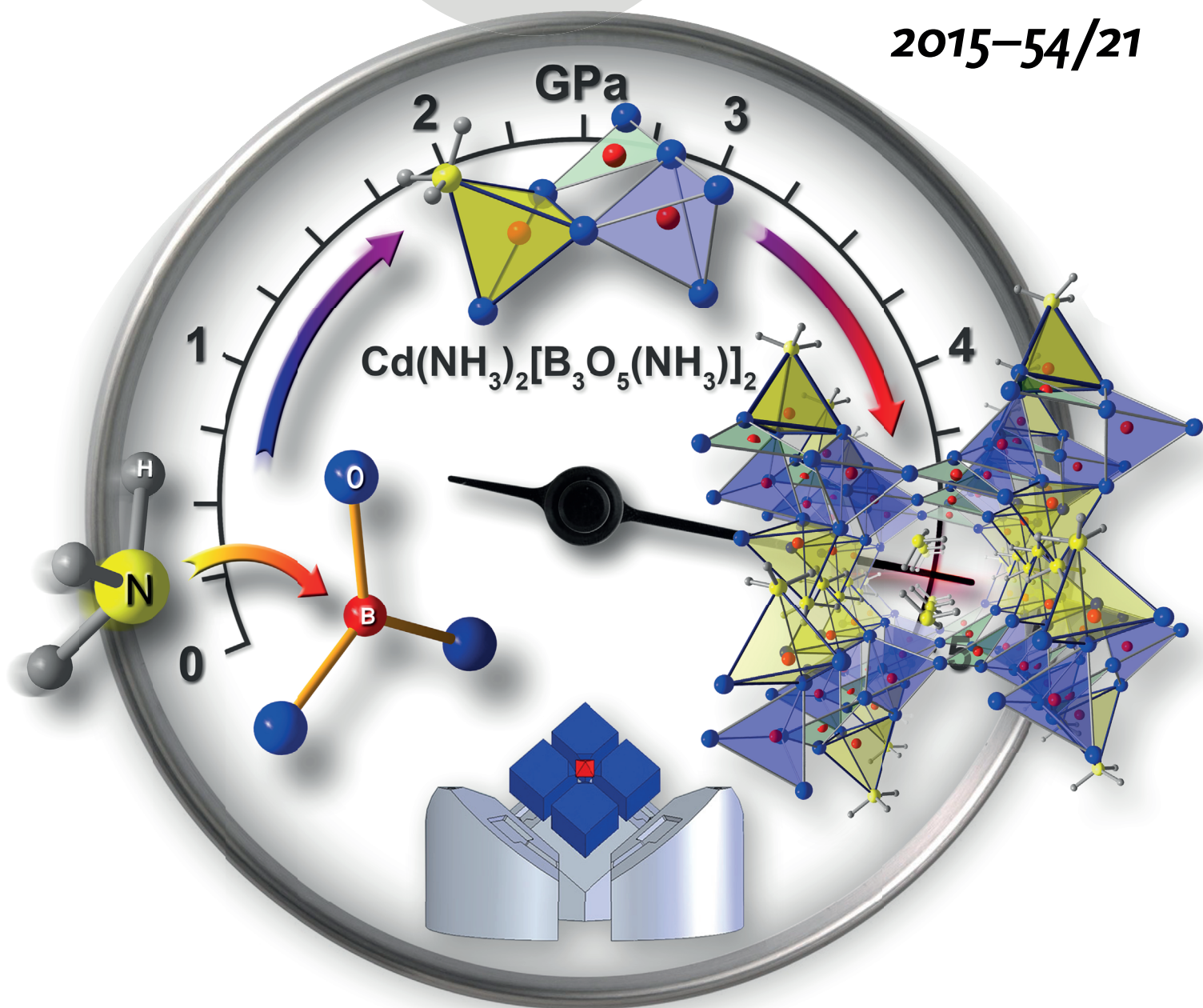
Angewandte Chemie

GDCh

International Edition

www.angewandte.org

2015–54/21



The first ammine borate ...

... $\text{Cd}(\text{NH}_3)_2[\text{B}_3\text{O}_5(\text{NH}_3)_2]$ is prepared by a formal amminization of an inorganic BO_3 group at 4.7 GPa and 800 °C. In their Communication on page 6360 ff., H. Huppertz et al. report that the characteristic building block of ammine borates is the adduct of ammonia to an inorganic BO_3 group which gives a $\text{BO}_3(\text{NH}_3)$ tetrahedron. This tetrahedron is incorporated into a complex borate structure through shared oxygen atoms.

WILEY-VCH