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2010–49/18



**Zeolites with Extra-Large Pores**

A. Corma et al.

**Silver(II) Sulfate**

J. Köhler

**Heteroleptic Samarium(II) Complexes**

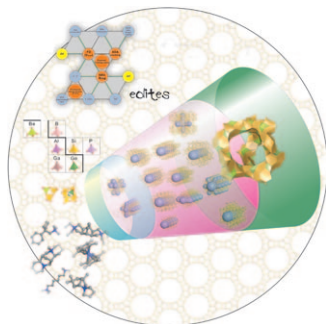
G. Meyer



# Cover Picture

**Fabien Durola and Julius Rebek, Jr.\***

*The Armadillo Lizard* is a South African reptile that holds its tail in its mouth as a defensive tactic. This is reminiscent of the Ouroboros, an ancient Greek symbol depicting a serpent swallowing its own tail, famous as the inspiration for Kekule's formulation of benzene 150 years ago. In their Communication on page 3189 ff., F. Durola and J. Rebek, Jr. report how a self-hosting cavitand, which is named an "Ouroborand", can switch between closed and open states by addition of zinc ions. (Picture courtesy of P. le F. N. Mouton)

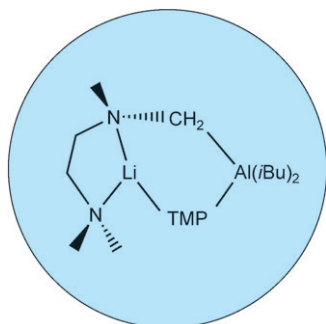
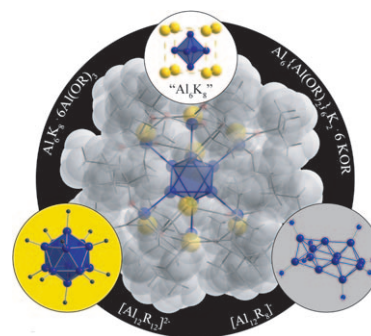


## Zeolite Structures

In their Review on page 3120 ff, A. Corma and co-workers present zeolites and other materials with extra-large pores. The use of specific structure-directing agents and heteroatoms can lead to such structures with various channel systems.

## Solid-State Structures

Structural investigations and calculations of spectroscopic and thermodynamic properties of an  $\text{Al}_{12}\text{K}_8(\text{OtBu})_{18}$  compound containing an  $\text{Al}_{12}$  cluster with unusual bonding are described by H. Schnöckel and co-workers in their Communication on page 3146 ff.



## Amide Bases

R. Mulvey and co-workers explore the deprotonation products of 2,2,6,6-tetramethylpiperidine in two Communications: on page 3182 ff. an Al/Li compound is investigated, and on page 3185 ff. a Mg/Li base with the corresponding isopropyl amide is presented.