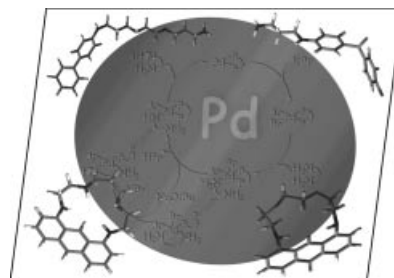


## COVER PICTURE

The cover picture shows the model structures of four compounds among the hundred of arylated linear and cyclic polyamines prepared by palladium-catalyzed coupling of mono- and dihalogenoarenes with various aliphatic or aromatic polyamines. The reaction is strongly dependent on the nature and the concentration of the catalytic system, as well as the nature of the base. The competitive reaction between primary and secondary amines and the monoamination of dihalobenzenes have also been detailed in the article by R. Guillard et al. on p. 261 ff. In the following article by the same authors on p. 281 ff, the method has been applied to the synthesis of numerous nitrogen- and oxygen-containing macrocycles incorporating anthracene or anthraquinone moieties.



## MICROREVIEW

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### 237 W. Kirmse\*

#### Carbene Complexes of Nonmetals

**Keywords:** Carbenes / Coordination modes / Ylides /  
 Betaines / Methylene transfer

