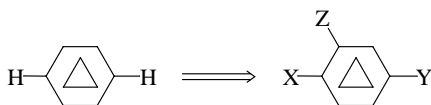


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1999, 64, 895–926

**Four Decades of Organic Chemistry
of *closo*-Boranes: A Synthetic Toolbox
for Constructing Liquid Crystal Materials.
A Review**

Piotr Kaszynski

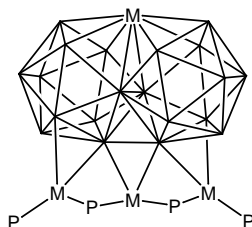


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1999, 64, 927–937

**Isolation and Structure of [(PPh₃)₃(PPh₂)₂Pd₄B₁₀H₁₆].
A Possible Prognostic for New Globular
Borane-Based Cluster Architectures**

Hai-Jun Yao, Chun-Hua Hu, Jie Sun, Ruo-Shui Jin,
Pei-Ju Zheng, Jonathan Bould, Robert Greatrex,
John D. Kennedy, Daniel L. Ormsby
and Mark Thornton-Pett

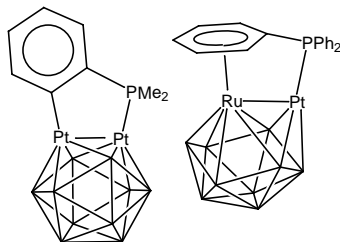


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1999, 64, 938–946

**Metallaborane Reaction Chemistry. Part 7.
B-Frame Supported Bimetallics: Ligand-to-β-Metal
Organometallic Interaction in Dimetallaboranes
and an Interesting Ligand Displacement Cascade**

Young-hee Kim, Yvonne M. McKinnes, Paul A. Cooke,
Robert Greatrex, John D. Kennedy
and Mark Thornton-Pett

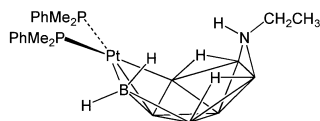


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1999, 64, 947–958

**Polyhedral Azaplatinaborane Chemistry. Reaction
of Members of the *hypho*-Type Family R'H₂NB₈H₁₁NHR
with [PtCl₂(PMe₂Ph)₂] and [PtCl₂(PPh₃)₂]. Formation
of Members of the Family of Open Seven-Boron
Species [3,3-(PMe₂Ph)₂-3-PtB₇H₁₀-μ-5,6-(NHR)]**

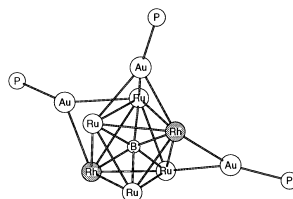
Udo Dörfler, Paul A. Salter, Xavier L. R. Fontaine,
Norman N. Greenwood, John D. Kennedy and Mark Thornton-Pett



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1999, 64, 959–970

Trigold(I) Phosphine Derivatives of Clusters
Containing Octahedral $\text{Rh}_2\text{Ru}_4\text{B}$ -Boride Cores:
The X-Ray Structure of
 $[\text{Rh}_2\text{Ru}_4(\text{CO})_{15}\text{Rh}_2\text{Ru}_4\text{B}\{\text{AuPCy}_3\}_3]$
(Cy = Cyclohexyl)

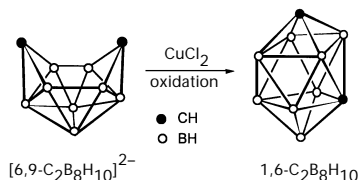
Andrew D. Hattersley, Catherine E. Housecroft
and Arnold L. Rheingold



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1999, 64, 971–976

Oxidation of the $[\text{nido-6,9-C}_2\text{B}_8\text{H}_{10}]^{2-}$
Anion – An Alternative Source of the
1,6- and 1,10-Dicarb-*closo*-decaboranes(10)

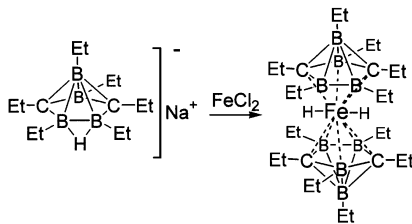
Bohumil Štíbr, Zbyněk Janoušek,
Matthew Trammell, Bohumír Grüner
and Zbyněk Plzák



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1999, 64, 977–985

Reactivity of Sodium Hexaethyl-2,4-dicarb-
nido-hexaborate(1⁻)

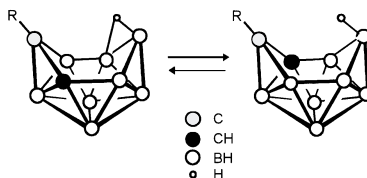
Bernd Wrackmeyer, Hans-Jörg Schanz,
Wolfgang Milius and Catherine McCammon



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1999, 64, 986–992

NMR Assignments of $[\text{6-R-nido-5,6-C}_2\text{B}_8\text{H}_{10}]^-$
Anions (where R = H, Me, and $n\text{-C}_6\text{H}_{13}$).
An Irreversible $5 \rightarrow 6$ Alkyl Migration *via*
a B9 Vertex-Swing Mechanism

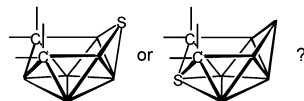
Zbyněk Janoušek, Piotr Kaszynski,
John D. Kennedy and Bohumil Štíbr



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1999, 64, 993–1000

**4,6-Dicarba-8-thia-*arachno*-nonaborane(10)
Revisited. Theoretical Refinement
of Its Structure**

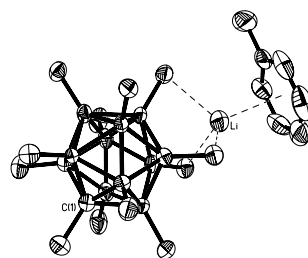
Drahomír Hnyk, Matthias Hofmann
and Paul von Ragué Schleyer



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1999, 64, 1001–1012

**Cation- π Interactions in the Solid State:
Crystal Structures of
 $M'(Benzene)_2CB_{11}Me_{12}^-$ ($M = Tl, Cs, Rb, K, Na$)
and $Li'(Toluene)CB_{11}Me_{12}^-$**

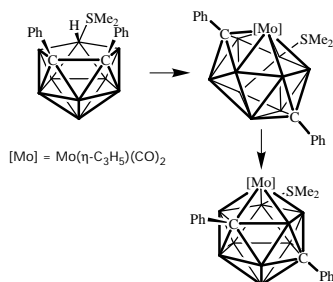
Benjamin T. King, Bruce C. Noll and Josef Michl



Collect. Czech. Chem. Commun.
1999, 64, 1013–1027

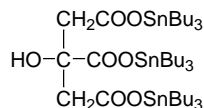
**Building a Picture of Heteroborane
Isomerisation: Synthesis and Characterisation
of the 10-(Dialkylsulfane)-7,8-diphenyl-7,8-
dicarba-*nido*-undecaboranes 7,8-Ph₂-10-L-7,8-
nido-C₂B₉H₁₀ (L = SMe₂, SMeEt, SEt₂) and of
Intermediate and Isomerised Products Arising
from Metallation of the First of These**

Shirley Dunn, Rhona M. Garrioch, Georgina M. Rosair, Lorraine Smith and Alan J. Welch



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1999, 64, 1028–1048

**Infrared, ¹¹⁹Sn, ¹³C and ¹H NMR, ¹¹⁹Sn
and ¹³C CP/MAS NMR and Mössbauer
Spectral Study of Some Tributylstannyl
Citrate and Propane-1,2,3-tricarboxylates**



Jaroslav Holeček, Antonín Lyčka, David Míček, László Nagy,
György Vankó, Jiří Brus, S. Shanmuga Sundara Raj,
Hoong Kun Fun and Seik Weng Ng

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1999, 64, 1049–1056

**Syntheses with Organoboranes. X.
Monohydroboration of Conjugated
Enynes with Catecholborane Catalyzed
by Nickel(II) Chloride Complexes
with Diphosphines**

Marek Zaidlewicz and Jerzy Meller

