coworkers have recently reported theoretical calculations on the  $1,6-C_2B_8H_{10}$  and predicted the apical C(1)-proton to be slightly more acidic than the equatorial C(6)-proton [7]. Indeed this was the observed behavior as Hawthorne has previously reported the formation of the C(1) lithiated product to be favored by a factor of two [2]. Our results would indicate a reversal in this selectivity for the 1,2-dicarbadecaborane with the equatorial proton being significantly more acidic. This warrants further theoretical work on this isomer of  $C_2B_8H_{10}$ . Furthermore, our successful metallation of this carborane should facilitate functionalization of it.

### Experimental

All reactions were carried out under inert atmospheric conditions. Diethyl ether was distilled from sodium-benzophenone. 1,2-dicarbadecaborane-(10) was prepared by literature methods [4].

Proton-decoupled <sup>11</sup>B NMR spectra wre obtained using the JEOL FX90Q FT spectrometer. CDCl<sub>3</sub> was used as the solvent and all shifts are relative to external  $BF_3 \cdot Et_2O$ .

## Reaction of $1, 2-C_2B_8H_{10}$ with 2 n-BuLi

Freshly sublimed  $1,2-C_2 B_8 H_{10}$  (106 mg, 0.87 mmol) was dissolved in 10 ml of ether and chilled to -20 °C. Two equivalents of BuLi was added via syringe and the solution allowed to warm slowly to 10 °C whereupon a white precipitate formed. After cooling again to -20 °C, excess methyl iodide was added and the solution warmed to room temperature. Removal of solvent and sublimation of the

residue at 80–90 °C using a mechanical pump vacuum gave 45 mg, 0.3 mmol of white crystalline 1,2-Me<sub>2</sub>C<sub>2</sub>-B<sub>8</sub>H<sub>8</sub>.

## Reaction of $1,2-C_2B_8H_{10}$ with n-BuLi

A similar procedure was used to produce the monolithiated product and methyl iodide used to give the methylated products. The mono- and dimethylated carboranes can be separated by GLC. The composition of the products was analyzed by spectral means.

#### Acknowledgement

We are grateful to the donors of the Petroleum Research Fund, administered by the American Chemical Society, and Research Corporation for financial support.

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# Erratum to Volume 44

Inorganica Chimica Acta, 44 (1980) L291-L294

Spin Spin Interactions in Polymeric Copper(II) Complexes:  $Cu(II)(Piperidylcarbamate)_2(Cu(I)X)_4$  (X = Cl, Br)

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Page L292, Figures 2(a) and 2(b) should be interchanged but the legends should remain as they are.