

Table X. Interatomic Distances for NaZn(OH)MoO<sub>4</sub>

	this work	ref 11
Zn-O(1, 2) <sup>a</sup>	2.246 (3)	2.219, 2.264
-O(4) <sup>b</sup>	1.943 (3)	1.882, 1.988
-O(5)	2.204 (3)	2.135, 2.325
Mo-O(1, 2)	1.758 (3)	1.669, 1.790
-O(3) <sup>c</sup>	1.736 (6)	1.747
-O(5)	1.794 (4)	1.755
Na-O(1, 2) <sup>d</sup>	2.571 (4)	2.562, 2.623
-O(1, 2) <sup>e</sup>	2.680 (4)	2.633, 2.799
-O(3)	2.664 (6)	2.692
-O(4) <sup>c</sup>	2.287 (5)	2.360
-O(5) <sup>f</sup>	2.716 (5)	2.712
O(4)-H	0.71 (10)	
O(4)···O(3) <sup>g</sup>	2.749 (6)	
H···O(3) <sup>g</sup>	2.05 (10)	

<sup>a</sup>  $1/2 + x, 1/2 - y, 1/2 - z$ . <sup>b</sup>  $3/2 - x, -1/2 + y, 1 - z$ . <sup>c</sup>  $-1/2 + x, 1/2 - y, z$ . <sup>d</sup>  $x, y, 1 + z$ . <sup>e</sup>  $1/2 + x, 1/2 - y, 1 + z$ . <sup>f</sup>  $1/2 - x, 1/2 + y, 1 - z$ . <sup>g</sup>  $1 - x, 1 - y, 1/2 + z$ .

suggestion is that extreme caution be maintained at all stages of a crystal structure analysis and that undue haste be avoided, even when the pressures of competition or the availability of sophisticated automation make haste seem an end in itself.

**Registry No.** Dichlorobis(4-vinylpyridine)zinc(II), 17501-34-7; (3,9-dimethyl-4,8-diaza-3,8-undecadiene-2,10-dione dioximate)-copper(II) perchlorate· $1/2$  methanol, 62197-90-4; parwelite, 12420-60-9; *catena*-bis[ $\mu$ -bis(2-aminoethyl)amine]-bis( $\mu$ -thiocyanato)-bis(isothiocyanato)dicalcium(II), 60840-52-0; (malonato)diaquacalcium(II), 18923-49-4; disodium di- $\mu$ -hydroxo-dizinc(II) molybdate, 61231-78-5; bis[*N*-isobutyl(5-chloro- $\alpha$ -phenyl-2-hydroxybenzylidene)aminato]copper(II), 61129-02-0.

#### References and Notes

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- An apparent exception is C(4). However, the *x* coordinate of C(4b) is undoubtedly misprinted; otherwise, the C-C distance would be unrealistic. Its correct value is probably 0.2538 rather than 0.2438.
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- Dr. Howard Einspahr has brought to our attention a recent paper describing a second, independent X-ray diffraction study of this compound (B. Briggman and A. Oskarsson, *Acta Crystallogr., Sect. B*, **33**, 1900 (1977)). Refinement in *C2/m* converged at *R* = 0.032 for 992 reflections, and "a few cycles of refinement in the space group *C2* did not significantly improve the structural model". Atom O(6) was treated as a single, highly anisotropic atom rather than as disordered; otherwise, the resulting structure is essentially identical with what we find. All atomic coordinates agree with our values within 3 esd's except for the *z* coordinates of O(6) and H(6), which were undoubtedly influenced by the way in which O(6) was treated.
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- P. C. Chia, D. P. Freyberg, G. M. Mockler, and E. Sinn, *Inorg. Chem.*, **16**, 254 (1977).
- P. Niggli, "Handbuch der Experimentalphysik", Vol. 7, Part 1, Akademische Verlagsgesellschaft M.B.H., Leipzig, 1928, p 108; M. J. Buerger, *Z. Kristallogr., Kristallgeom., Kristallphys., Kristallchem.*, **109**, 42 (1957); R. B. Roof, Jr., Report LA 4038, Los Alamos National Laboratory, 1967.
- Contribution No. 5986.

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Received March 9, 1979

## Additions and Corrections

1977, Volume 16

**Kenneth R. Poeppelmeier and John D. Corbett\***: Metal-Metal Bonding in Reduced Scandium Halides. Synthesis and Characterization of Heptascandium Decachloride (Sc<sub>7</sub>Cl<sub>10</sub>). A Novel Metal-Chain Structure.

Pages 1108 and 1109. The Sc2-C15 distance, Figure 1 and Table II, should be 2.611 (3) Å rather than 2.44 Å.

Page 1110. In the Discussion, paragraph 3, last sentence, the bond order for a 3.15 Å Sc-Sc bond should be 0.4, not 0.6 as printed—John D. Corbett

1979, Volume 18

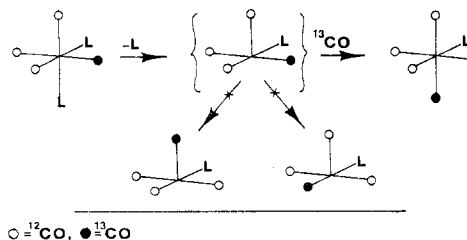
**Howard W. Turner, Richard A. Andersen,\* Allan Zalkin,\* and David H. Templeton\***: Chloro-, Methyl-, and (Tetrahydroborato)tris((hexamethyldisilyl)amido)thorium(IV) and -uranium(IV). Crystal Structure of (Tetrahydroborato)tris((hexamethyldisilyl)amido)thorium(IV).

Page 1222. The last sentence in the second paragraph of

the first column should read: "...shows two single absorptions at  $\delta$  4.17 and 73.6...." The second sentence in the first complete paragraph in the second column should read: "...quartet centered at  $\delta$  -101,  $J_{\text{HB}} = 79$  Hz, and a singlet at  $\delta$  -1.87."—Richard A. Andersen

**Donald J. Darensbourg\* and Allen H. Graves**: Steric Contributions to the Solution Dynamics Involving Phosphorus Ligand Dissociation in Substituted Derivatives of Molybdenum Hexacarbonyl.

Page 1258. The second reaction in Scheme I should be



clearly indicating that no rearrangement of the [Mo(CO)<sub>4</sub>L] intermediate was observed on the time scale of <sup>13</sup>CO addition.—Donald J. Darensbourg