Additions and Corrections

1992, Volume 31

Deng-Yang Jan, David P. Workman, Leh-Yeh Hsu, Jeanette A. Krause, and Sheldon G. Shore*: Clusters Derived from the Hydroboration of $(\mu\text{-H})_2Os_3(CO)_{10}$ and Their Derivatives.

Page 5130. In the data furnished for the positional parameters of $(\mu\text{-H})_3Os_3(CO)_9(\mu_3\text{-}CC_6H_5)$, Table X, there are some errors and one atom C2 is absent from the table. Corrected data are as follows: for C(23), $z = 0.225(1)$; for C(103), $x = 0.378(1)$; for C(2), $x = 0.2674(9)$, $y = 0.150(1)$, $z = 0.716(1)$, and $B_{eq} = 2.7(4)$ Å^2.

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Gabriele Haselhorst, Karl Wieghardt,* Stefan Keller, and Bernhard Schrader: The (μ-Oxo)bis[trichloroferrate(III)] Dianion Revisited.

Pages 520–525. In this paper the space group of crystals of the $[PPh_4]_2[Fe_2Cl_6O]$ salt is reported incorrectly as $P\bar{1}$ rather than $C2/c$. We have fully refined the structure in the monoclinic space group. Tables II–IV in this paper should be replaced by the tables given here. The $[Fe_2Cl_6O]^{2-}$ anion possesses crystallographically imposed C_2 symmetry. The bond distances and angles are within experimental error identical with those reported in the paper. The $[Ph_4P]^+$ and $[Ph_4As]^+$ salts[7] are isostructural, in contrast to our previous statement. All other conclusions remain unaffected by this change. We thank Dr. R. E. Marsh (California Institute of Technology) for pointing out this error to us.

Table II. Crystal Data for $[Ph_4P]_2[Fe_2OCl_6]$

formula	$C_{48}H_{40}Cl_6Fe_2OP_2$	T, K	295
cryst system	monoclinic	fw	1019.1
space group	$C2/c$	λ, Å	0.710 73
a, Å	23.968(5)	μ(Mo Kα), mm^{-1}	1.031
b, Å	9.847(2)	ρ_{calcd}, g cm^{-3}	1.398
c, Å	23.712(5)	$R(F_o)$	0.052
β, deg	120.11(3)	$R(F_o^2)$	0.050
Z	4		

Table III. Atom Coordinates ($\times 10^4$) and Equivalent Isotropic Displacement Parameters (Å$^2 \times 10^3$) for the $[Fe_2Cl_6O]^{2-}$ Dianion in $[Ph_4P]_2[Fe_2Cl_6O]$

atom	x	y	z	U_{eq}
Fe(1)	586(1)	1831(1)	2272(1)	51(1)
O(1)	0	1982(6)	2500	109(3)
Cl(1)	165(1)	2134(2)	1209(1)	87(1)
Cl(2)	1031(1)	−206(1)	2505(1)	86(1)
Cl(3)	1350(1)	3349(1)	2812(1)	95(1)

Table IV. Bond Distances (Å) and Angles (deg) of the $[Fe_2Cl_6O]^{2-}$ Anion in $[Ph_4P]_2[Fe_2Cl_6O]$

Fe(1)–O(1)	1.744(1)	Fe(1)–Cl(1)	2.217(1)
Fe(2)–Cl(2)	2.208(1)	Fe(1)–Cl(3)	2.208(2)
O(1)–Fe(1)–Cl(1)	111.3(1)	O(1)–Fe(1)–Cl(2)	111.3(2)
Cl(1)–Fe(1)–Cl(2)	107.1(1)	O(1)–Fe(1)–Cl(3)	109.0(2)
Cl(1)–Fe(1)–Cl(3)	109.8(1)	Cl(2)–Fe(1)–Cl(3)	109.0(2)
Fe(1)–O(1)–Fe(1a)	170.2(4)		

Supplementary Material Available: Tables of complete X-ray data collection parameters, atom coordinates, bond distances, bond angles, anisotropic thermal parameters, and hydrogen atom coordinates and isotropic thermal parameters for $[Ph_4P]_2[Fe_2Cl_6O]$ (6 pages). Ordering information is given on any current masthead page.