

PUBLICATIONS: W. CLEGG 1970–1979

1. Crystal and molecular structure of mercuriobis(pentacarbonylmanganese), $\text{Hg}[\text{Mn}(\text{CO})_5]_2$
W. Clegg and P. J. Wheatley.
J. Chem. Soc. (A) 1971, 3572–3574.
2. X-ray crystal structure of bis(pentacarbonylmanganese)-2,2':6',2''-terpyridylcadmium
 $\text{C}_{15}\text{H}_{11}\text{N}_3\text{Cd}[\text{Mn}(\text{CO})_5]_2$
W. Clegg and P. J. Wheatley.
J. Chem. Soc. Chem. Commun. 1972, 760–761.
3. Biblical miracles
W. Clegg.
Christian Graduate 1972, **25**, 121–124.
4. Crystal structure of μ -(2,2':6',2''-terpyridylcadmium)-bis(pentacarbonylmanganese)(2Cd–Mn)
W. Clegg and P. J. Wheatley.
J. Chem. Soc. Dalton Trans. 1973, 90–94.
5. Crystal structure of μ -[di-(2-methoxyethyl)ethercadmio]-bis(pentacarbonylmanganese)(2Cd–Mn)
W. Clegg and P. J. Wheatley.
J. Chem. Soc. Dalton Trans. 1974, 424–428.
6. Crystal structures of μ -[2,2'-bipyridylcadmium]-bis(pentacarbonylmanganese)(2Cd–Mn) and μ -[1,10-phenanthrolinecadmium]-bis(pentacarbonylmanganese)(2Cd–Mn)
W. Clegg and P. J. Wheatley.
J. Chem. Soc. Dalton Trans. 1974, 511–517.
7. The formation of 4-thio-L-arabinofuranose derivatives by ring contraction of 1,2-O-isopropylidene-3,4-di-O-methanesulphonyl-5-thio- α -D-xylopyranose
W. Clegg, N. A. Hughes and C. J. Wood.
J. Chem. Soc. Chem. Commun. 1975, 300.
8. 5-Chloro-5-deoxy-1,2-O-isopropylidene-3-methanesulphonyl-4-thio- β -L-arabinofuranose
W. Clegg.
Acta Cryst. 1975, **B31**, 2722–2724.
9. Crystal structure and vibrational spectroscopy of hexa-amminechromium(III) pentachloromercurate(II)
W. Clegg, D. A. Greenhalgh and B. P. Straughan.
J. Chem. Soc. Dalton Trans. 1975, 2591–2593.
10. Crystal structure of bis(μ -bis(trifluoromethyl)phosphido)-hexacarbonyldiiron, $\text{Fe}_2(\text{CO})_6[\mu\text{-P}(\text{CF}_3)_2]_2$
W. Clegg.
Inorg. Chem. 1976, **15**, 1609–1613.
11. 2,2'-Bipyridyltriphenylphosphinegold(I) hexafluorophosphate
W. Clegg.
Acta Cryst. 1976, **B32**, 2712–2714.
12. Tricaesium tetrachloromercurate(II) chloride
W. Clegg, M. L. Brown and L. J. A. Wilson.
Acta Cryst. 1976, **B32**, 2905–2906.
13. Hexaamminechromium(III) tetrachlorozincate(II) chloride
W. Clegg.
Acta Cryst. 1976, **B32**, 2907–2909.

14. Crystal structure of bis[μ -bis(trifluoromethyl)phosphido]-tetranitrosyldiiron, $\text{Fe}_2(\text{NO})_4[\mu\text{-P}(\text{CF}_3)_2]_2$
W. Clegg.
Inorg. Chem. 1976, **15**, 2928–2931.
15. Bis(dimethylphenylphosphine)trichlorostannigold
W. Clegg.
Acta Cryst. 1978, **B34**, 278–281.
16. Di- μ -chloro-bis(tetracarbonylmanganese)
W. Clegg and S. Morton.
Acta Cryst. 1978, **B34**, 1707–1709.
17. Complexes of 2-chloroethoxybis(trifluoromethyl)phosphine with carbonyls of manganese, iron, and cobalt
W. Clegg and S. Morton.
J. Chem. Soc. Dalton Trans. 1978, 1452–1454.
18. Hexaamminechromium(III) aquapentachloromanganate(II)
W. Clegg.
Acta Cryst. 1978, **B34**, 3328–3330.
19. Methyl benzylpenillonate: a penicillin rearrangement product
W. Clegg.
Acta Cryst. 1978, **B34**, 3460–3462.
20. *Cis*- and *trans*-arrangements of bis- μ -acetato groups in molybdenum(II) dimers: crystal structures of $\text{Mo}_2(\text{O}_2\text{CMe})_2(\text{MeCOCHCOMe})_2$ and $(\text{Ph}_4\text{As})_2[\text{Mo}_2(\text{O}_2\text{CMe})_2\text{Cl}_4]\cdot 2\text{MeOH}$
C. D. Garner, S. Parkes, I. B. Walton and W. Clegg.
Inorg. Chim. Acta 1978, **31**, L451–L452.
21. An unusual case of acetal formation; 1,2:4,6- and 2,3:4,6-di-O-isopropylidene-5-thio- α -D-glucopyranoses and the X-ray crystal structure of the latter compound
W. Clegg, N. A. Hughes and N. Al-Masoudi.
J. Chem. Soc. Chem. Commun. 1979, 320–321.
22. Preparation and isomerism of bis[μ -(trifluoromethyl)phosphido]-hexacarbonyldiiron, $\text{Fe}_2(\text{CO})_6\{\mu\text{-P}(\text{CF}_3)(\text{H})\}_2$. Crystal structure of the *trans* isomer
W. Clegg and S. Morton.
Inorg. Chem. 1979, **18**, 1189–1192.
23. Preparation and characterization of tetraphenylarsonium *trans*-bis(μ -acetato)-tetrachlorodimolybdate(II) disolvates, $[(\text{C}_6\text{H}_5)_4\text{As}]_2[\text{Mo}_2(\text{O}_2\text{CCH}_3)_2\text{Cl}_4]\cdot 2\text{L}$ ($\text{L} = \text{H}_2\text{O}$ or CH_3OH)
W. Clegg, C. D. Garner, S. Parkes and I. B. Walton.
Inorg. Chem. 1979, **18**, 2250–2255.
24. Preparation and molecular structure of 1,3,5,7-tetraaza-2,4,6,8-tetrasila-bicyclo[3.3.0]octane
W. Clegg, H. Hluchy, U. Klingebiel and G. M. Sheldrick.
Z. Naturforsch. 1979, **34b**, 1260–1263.
25. 3-*tert*-Butyl-5-methyl-2,3-diphenyl-1,2-diaza-3-sila-5-cyclopentene
W. Clegg, M. Noltemeyer and G. M. Sheldrick.
Acta Cryst. 1979, **B35**, 2243–2244.