

PUBLICATIONS: W. CLEGG 2003

- 812.** Structure Reports Online: from infancy to maturity  
W. Clegg and D. G. Watson.  
*Acta Cryst.* 2003, **E59**, e1.
- 813.** Some guidelines for publishing *SHELXL*-generated CIF results in *Acta Crystallographica*  
W. Clegg.  
*Acta Cryst.* 2003, **E59**, e2–e5.
- 814.** 5-Cyano-7-methoxy-2,2-dimethyl-4-oxochroman-6-yl acetate  
W. Clegg.  
*Acta Cryst.* 2003, **E59**, o61–o62.
- 815.** Benzyl (2*S*)-2-*tert*-butoxycarbonylamino-5-(2-furyl)-5-oxopentanoate  
W. Clegg, R. F. W. Jackson and N. Wishart.  
*Acta Cryst.* 2003, **E59**, o86–o88.
- 816.** Sterically controlled mono- or dimetalation of a thioether-functionalized phosphine and an unusual light-induced phosphide-thiolate rearrangement  
S. Blair, K. Izod, R. W. Harrington and W. Clegg.  
*Organometallics* 2003, **22**, 302–308.
- 817.** Stabilization of the previously unknown tautomer HP(OH)<sub>2</sub> of hypophosphorous acid as ligand; preparation of [W<sub>3</sub>(Ni(HP(OH)<sub>2</sub>))Q<sub>4</sub>(H<sub>2</sub>O)<sub>9</sub>]<sup>4+</sup> (Q = S, Se) complexes  
M. N. Sokolov, R. Hernandez-Molina, W. Clegg, V. P. Fedin and A. Mederos.  
*Chem. Commun.* 2003, 140–141.
- 818.** A triclinic polymorph of octa-*tert*-butoxytetralithiumtetrasodium  
W. Clegg, A. M. Drummond, S. T. Liddle and R. E. Mulvey.  
*Acta Cryst.* 2003, **E59**, m64–m66.
- 819.** Potassium-zinc induced synergic enhancement of the basicity of hexamethyldisilazide (HMDS) towards methylbenzene molecules  
W. Clegg, G. C. Forbes, A. R. Kennedy, R. E. Mulvey and S. T. Liddle.  
*Chem. Commun.* 2003, 406–407.
- 820.** Synthesis, structure and magnetic properties of a mononuclear Cu(II) complex with a NNO donor Schiff base ligand and its oxalato- and oxamidato-bridged dinuclear complexes  
M. K. Saha, D. K. Dey, B. Samanta, A. J. Edwards, W. Clegg and S. Mitra.  
*J. Chem. Soc. Dalton Trans.* 2003, 488–492.
- 821.** 1,2-Bis[bis(4-methoxyphenyl)hydroxymethyl]benzene  
K. A. Carey, W. Clegg, M. R. J. Elsegood, B. T. Golding and H. Maskill.  
*Acta Cryst.* 2003, **E59**, o263–o265.
- 822.** Tetrakis( $\mu_3$ -phenoxo-acetonitrilelithium), a tetramolecular lithium aryloxide with a cubane core.  
M. Tombul, R. J. Errington, R. A. Coxall and W. Clegg.  
*Acta Cryst.* 2003, E59, m137–m139.
- 823.** Synthesis of a biphenyl-based cyclophane via benzidine rearrangement of a constrained *m*-nitrophenol derivative  
A. C. Benniston, W. Clegg, A. Harriman, R. W. Harrington, P. Li and C. Sams.  
*Tet. Letters* 2003, **44**, 2665–2667.

- 824.** (*trans*-Cinnamaldehyde)tris(2,6-diphenylphenoxy)aluminium  
 W. Clegg, M. R. J. Elsegood, R. Snaith and A. E. H. Wheatley.  
*Acta Cryst.* 2003, **E59**, m225–m227.
- 825.** Substitution of the chloro ligands in *cis*-[CoCl<sub>2</sub>(2-C<sub>5</sub>H<sub>4</sub>–NCO<sub>2</sub>Pr<sup>i</sup>)<sub>2</sub>]: structural characterization of four mononuclear products showing both *cis* and *trans* configurations at Co(II)  
 R. March, W. Clegg, R. A. Coxall and P. González-Duarte.  
*Inorg. Chim. Acta* 2003, **346**, 87–94.
- 826.** Minor groove site coordination of adenine by platinum group metal ions: effects on basicity, base-pairing, and electronic structure  
 D. Amantia, C. Price, M. A. Shipman, M. R. J. Elsegood, W. Clegg and A. Houlton.  
*Inorg. Chem.* 2003, **42**, 3047–3056.
- 827.** An alkoxide cluster with eighteen Li<sup>+</sup> ions encapsulating two borate anions, [(<sup>t</sup>BuO)<sub>12</sub>Li<sub>18</sub>(BO<sub>3</sub>)<sub>2</sub>]  
 M. Tombul, R. J. Errington, R. A. Coxall and W. Clegg.  
*Acta Cryst.* 2003, **C59**, m231–m233.
- 828.** [3*R*-(3β,4β,5β)]-3-(Acetylamino)-3,4-dihydro-4-hydroxy-5-(hydroxymethyl)furan-2(5*H*)-one monohydrate  
 W. Clegg, S. L. Heath, R. F. W. Jackson and N. J. Palmer.  
*Acta Cryst.* 2003, **E59**, o1060–o1062.
- 829.** (1'*S*,2*R*,3*R*)-3-(1'-*tert*-Butyldimethylsilyloxy-1'-phenylmethyl)-2-(4''-methylphenylthio)-2-nitrooxirane  
 W. Clegg and M. R. J. Elsegood.  
*Acta Cryst.* 2003, **E59**, o1070–o1072.
- 830.** Synthesis and crystal structures of 2-substituted-2-phenylsulfonyloxiranes: evidence for a generalised anomeric effect in 2-phenylsulfonyloxiranes  
 R. F. W. Jackson, S. F. C. Dunn, A. McCamley and W. Clegg.  
*Org. Biomol. Chem.* 2003, **1**, 2527–2530.
- 831.** Alkyl complexes of strontium and barium: synthesis and structural characterization of {(Me<sub>3</sub>Si)<sub>2</sub>(MeOMe<sub>2</sub>Si)C}<sub>2</sub>Sr(THF) and {(Me<sub>3</sub>Si)<sub>2</sub>(MeOMe<sub>2</sub>Si)C}<sub>2</sub>Ba(MeOCH<sub>2</sub>CH<sub>2</sub>OMe)  
 K. Izod, S. T. Liddle and W. Clegg.  
*J. Am. Chem. Soc.* 2003, **125**, 7534–7535.
- 832.** Alkali metal-mediated Schlenk dimerization of a phosphorus-substituted alkene. Synthesis and crystal structures of Li, Na and K derivatives of a phosphorus-stabilized butane-1,4-diide ligand  
 K. Izod, W. McFarlane, B. V. Tyson, W. Clegg, R. W. Harrington and S. T. Liddle.  
*Organometallics* 2003, **22**, 3684–3690.
- 833.** *trans*-(6-Amino-2-pyridinio)iodobis(triphenylphosphine)palladium(II) iodide ethyl acetate solvate  
 W. Clegg and L. Horsburgh.  
*Acta Cryst.* 2003, **E59**, m700–m702.
- 834.** Methyl 2(*S*)-*N*-fluoren-9-ylmethoxycarbonylamino)-3-(2-pyridyl)propionate  
 W. Clegg and L. Horsburgh.  
*Acta Cryst.* 2003, **E59**, o1257–o1258.
- 835.** Synthesis, characterisation and magnetic properties of cobalt(II) complexes with picolinic acid derivatives: the crystal and molecular structures of [Co(MeC<sub>5</sub>H<sub>3</sub>NCOO)<sub>2</sub>(H<sub>2</sub>O)<sub>2</sub>] and [CoCl<sub>2</sub>(C<sub>5</sub>H<sub>4</sub>NCOOPr<sup>i</sup>)<sub>2</sub>]  
 R. March, W. Clegg, R. A. Coxall, L. Cucurull-Sánchez, L. Lezama, T. Rojo and P. González-Duarte.  
*Inorg. Chim. Acta* 2003, **353**, 120–138.

- 836.** Organomagnesium phosphanide “Grignard” analogues. Synthesis, structural characterisation and solution behaviour of  $[\text{BuMg}\{\text{P}(\text{CH}[\text{SiMe}_3]_2)(\text{C}_6\text{H}_{3-2-})\text{Me}-3\text{R}\}]\text{}_2$  [R = H, Me]  
 S. Blair, K. Izod, W. Clegg and R. W. Harrington.  
*Eur. J. Inorg. Chem.* 2003, 3319–3324.
- 837.** The evolution of  $[\{\text{Ph}_2\text{P}(\text{CH}_2)_n\text{PPh}_2\}\text{Pt}(\mu-\text{S})_2\text{Pt}\{\text{Ph}_2\text{P}(\text{CH}_2)_n\text{PPh}_2\}]$  ( $n = 2, 3$ ) metalloligands in protic acids: a cascade of sequential reactions  
 R. Mas-Ballesté, G. Aullón, P. A. Champkin, W. Clegg, C. Mégret, P. González-Duarte and A. Lledós.  
*Chem. Eur. J.* 2003, **9**, 5023–5035.
- 838.** Polymeric (18-crown-6)bis(2-amidopyridinecaesium) toluene solvate  
 S. T. Liddle and W. Clegg.  
*Acta Cryst.* 2003, **E59**, m1062–m1064.
- 839.** A homologous series of crown-ether-complexed alkali metal amides as discrete ion-pair species: synthesis and structures of  $[\text{M}(12\text{-crown-4})_2][\text{PyNPh}\cdot\text{PyN}(\text{H})\text{Ph}]$  (M = Li, Na and K)  
 S. T. Liddle and W. Clegg.  
*Polyhedron* 2003, **22**, 3507–3513.
- 840.** *tert*-Butyl (2*R*)-2-(9*H*-fluoren-9-ylmethoxycarbonylamino)-3-iodopropionate  
 W. Clegg and L. Horsburgh.  
*Acta Cryst.* 2003, **E59**, o1925–o1926.
- 841.** Reactivity of 2-pyridinecarboxylic esters with cadmium(II) halides: study of  $^{113}\text{Cd}$  NMR solid state spectra and crystal structures of hexacoordinated complexes  $[\text{CdI}_2(\text{C}_5\text{H}_4\text{NCOOMe})_2]$  and  $[\text{CdI}_2(\text{C}_5\text{H}_4\text{NCOOPr}^n)_2]$   
 R. March, J. Pons, J. Ros, W. Clegg, A. Álvarez-Larena, J. F. Piniella and J. Sanz.  
*Inorg. Chem.* 2003, **42**, 7403–7409.
- 842.**  $C_2$ -Symmetric ytterbium(II) complexes with a novel, chiral  $P,N$ -donor ligand  
 S. Blair, K. Izod and W. Clegg.  
*J. Organomet. Chem.* 2003, **688**, 92–99.
- 843.** Bis(tetraethylammonium)  $\mu$ -tetrathiomolybdato(VI)-bis[chlorocopper(I)]  
 M. H. Sadr, H. Razmi, N. R. Brooks and W. Clegg.  
*Acta Cryst.* 2003, **E59**, m1134–m1136.
- 844.** *tert*-Butyl (2*S*)-2-(9*H*-fluoren-9-ylmethoxycarbonylamino)-3-(3',4'-dimethoxyphenyl)propionate chloroform sesquisolvate  
 W. Clegg and M. R. J. Elsegood.  
*Acta Cryst.* 2003, **E59**, o1946–o1948.
- 845.** 1-*tert*-Butyl 2-methyl 4-(R)-hydroxypyrrolidine-1,2-(2*S*)-dicarboxylate  
 W. Clegg, H. J. C. Deboves and M. R. J. Elsegood.  
*Acta Cryst.* 2003, **E59**, o1987–o1989.
- 846.** (18-Crown-6)-bis(tetrahydrofuran)potassium iodide  
 S. T. Liddle and W. Clegg.  
*Acta Cryst.* 2003, **E59**, m1184–m1186.
- 847.** X-ray diffraction  
 W. Clegg.  
*Comprehensive Coordination Chemistry, Volume 1*, edited by A. B. P. Lever; Elsevier 2003, 57–64.

**848.** Crystal growth methods

W. Clegg.

*Comprehensive Coordination Chemistry, Volume 1*, edited by A. B. P. Lever; Elsevier 2003,  
579–583.

**849.** Stereocontrolled synthesis of (*2R,3S*)-2-methylisocitrate, a central intermediate in the methylcitrate cycle

D. J. Darley, T. Selmer, W. Clegg, R. W. Harrington, W. Buckel and B. T. Golding.  
*Helv. Chim. Acta* 2003, **86**, 3991–3999.