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Corrections to *Nomenclature of Inorganic Chemistry: IUPAC Recommendations 2005*, Royal Society of Chemistry, 2005. Edited by N G Connelly and T Damhus (with R M Hartshorn and A T Hutton) [ISBN 0-85404-438-8].

p. 8, IR-1.5.3.5, Ex. 2: for trisulfate read tris(sulfate).
p. 21, IR-2.2.3.1, Ex. 12: 6.7 not 66.7.
p. 31, IR-2.7, Ex 2: read monooxygen.
p. 55, IR-4.2.3: the usage of 'line formula' here is not in accord with the Gold Book.
p. 71, IR-5.3.2.2, Ex 12: this example belongs in IR-5.3.2.3.
p. 76, IR-5.4.1, Ex. 5: Change second name to pentapotassium diantimonide cupride.
p. 81, IR-5.5, line 1, correct '...and tritiate' are not...' to '...and 'tritiate' are not...'.
p. 93, IR-6.2.3.3, item (i): delete comma.
p.101, IR-6.2.4.5, Ex 1: change the name in (i) to octahydro[1,3,5,2,4,6]triazatriborinino[2,3-*b*][1,3,5,2,4,6]triazatriborinine.
P. 128, IR-8.2, Table IR-8.1, first line: correct (1–) to (2–).
p. 135, IR-8.4, Ex. 1: add hyphen so it reads '...-oxido-bis(trioxido...'.
p. 135, IR-8.4, Ex. 2: add hyphen so it reads '...tetrahydroxido-di-...'.
p.138, IR-8.6 line 5 up, replace 'of other functional nomenclature are also' by 'of functional class nomenclature are also'.
p.139, **Table IR-8.2** should have included also the entries
NOCl, nitrosyl chloride, nitrosyl chloride, chloridooxidonitrogen
NO_2Cl, nitryl chloride, nitryl chloride, chloridodioxidonitrogen

Furthermore, there should have been a footnote pointing out that just as with other binary-type names, it is acceptable to leave out multiplicative prefixes in the functional class names here if there is no ambiguity, *e.g.* phosphoryl chloride will in most cases be easily understood to denote phosphoryl trichloride. Also these functional class names have, of course, obvious analogues with the other halogens, *e.g.*, phosphoryl tribromide.
pp. 139-140, IR-8.6, change 'functional replacement' to 'functional replacement or functional class' in the first line of the top text for Table IR-8.2 and in the headers on p. 139 and 140 for the third column in that table.
p. 158, IR-9.2.4.2, Ex. 7: bond missing between CH_2–C=O and O
and between isolated O_2CCH_2 and adjacent N.
p. 158, IR-9.2.4.2, Ex. 8: *N* missing after κ (twice), *i.e.* second name should read:
aqua[*N*-{2-[bis(carboxylato-κ*O*-methyl)amino-κ*N*]ethyl}-*N*-(carboxylato-κ*O*-methyl)glycinato-κ*N*]cobaltate(1–)

p. 164, IR-9.2.5.2, Ex. 3: replace hexaoxidodisulfate(2–) by bis(trioxidosulfate)(2–).
p. 166, IR-9.2.5.3, Ex. 4: remove space after '...silicon)ate' and space after ($Al^1—Al^2$), *i.e.* name should read:
μ_4-carbido-*quadro*-(trialuminiumsilicon)ate($Al^1—Al^2$)($Al^1—Al^3$)($Al^2—Si$)($Al^3—Si$)(1–).

p. 182, IR-9.3.3.4, Ex. 1: change second OC-6-12 to OC-6-22.
p. 224, IR-10.2.5.1, Ex. 30: change to ...2-en-1-yl..., *i.e.*, add hyphen - name should read:
[(1–3-η)-but-2-en-1-yl-η^2-C^4,H^4](η^5-cyclopentadienyl)cobalt(1+)

p. 225, IR-10.2.5.1, Ex 31, second name: delete ')' after...-1,5-diene, *i.e.* name should read:
[(1,2,5,6-η)-cycloocta-1,5-diene](η^6-phenyltriphenylboranuido)rhodium

p. 247, IR-11.9, Ref. 8: comma not dot after Anderson.
Table III
p. 257, under 'ylene', delete the parenthesis around '1,2-phenylene for benzene-1,2-diyl *etc*.'
Table VII
p. 263, entry 77: delete parentheses in name so that it reads '2-aminoethan-1-olato'.
p. 264, entry 81: 'Other name' should end in 'tetraacetato'.
p. 264, entry 94: the systematic name should read 1,1,1,5,5,5-hexafluoro-2,4-dioxopentan-3-ido.
p. 267, entry 167: correct first name to hydridotris(1*H*-pyrazol-1-ido-κN^1)borato(1–).
p. 267, entry 168: correct name to tris(3,5-dimethyl-1*H*-pyrazol-1-ido-κN^1)hydridoborato(1–).
p. 267, line missing after entry 181.
p. 268, footnote g, first line: replace tris(pyrazolido-*N*) by tris(pyrazolido).
Table IX *General remark*: optional radical dots are sometimes shown in formulae and names, sometimes not. Some examples of this, but not all such cases, are mentioned below.
p. 282, AsH, column 3: (2+) not (1+).
p. 290, CHO: change methanoyl, to methanoyl;
p. 291, CN_2: entry should be after CNSe (on p. 292).

p 293, CO_3, column 4, line 1: delete final comma.
p. 293, CS_2, column 5: correct to $CS_2^{\bullet-}$,
p. 294, ClF, column 2: change sequence of names: chlorine monofluoride and fluoridochlorine (as in other examples).
p. 295, Cl_2, columns 3-5: the radical dots shown with the formulae are optional.
p. 297, F_2, column 3 and 4: radical dots missing from formulae but optional.
p. 299, HCl column 3 radical dot missing from formula but optional.
p. 299, HF, column 3: radical dot missing from formula but optional.
p. 299, HF_2, column 4: delete name 'fluorofluoranuide' and correct second name to μ-hydrido-difluorate(1–).
p. 300, HNO_3: dioxidanidooxidonitrogen, to dioxidanidooxidonitrogen;
p. 303, HO_3P: one could have added metaphosphoric acid, $(HPO_3)_n$, cf. Table IR-8.1, p.129.
p. 305, H_2NO, column 5: sequence in formula should be same as in column 4.
p. 306, H_2O_2 column 3: plus sign is not superscript in (1+).
p. 309, H_3OS: move contents of column 2 to column 3.
p. 309, H_3Se, column 3: Se in formula, not S.
p. 311, I, col 4: in name minus sign is not superscript.
p. 313, MnO_4, column 4: replace commas by semicolons to read
tetraoxidomanganate(1–);
tetraoxidomanganate(2–);
tetraoxidomanganate(3–);

Similarly in column 5.
p. 313, Mu, column 4: 2 is subscript not superscript.
p. 314, NH, column 3: first name for NH^+ must be azanyliumyl; radical dot could be included in formula and in additive name, but is optional.
p. 316, N_2H_2, column 5: second name must be diazen-2-ium-1-ide (ligand is neutral).
p.317, N_2H_4, column 5: second name must be diazan-2-ium-1-ide (ligand is neutral).
p. 318, N_3H, column 2: replace trinitride(1–) by trinitride.
p. 321, O_3, column 4: delete name 'trioxidanidyl'.
p. 325, P_2O_6, formulae in columns 4 and 5: the charge should be 4–.
p. 327: S, column 5: 'sulfanidyl' must be 'sulfanidylo' (ligand is anionic).
p. 330, S_3, column 5: 'trisulfanidyl' must be 'trisulfanidylo' (ligand is anionic).
p. 331, Se, column 2: correct 'Se (general)' to 'selenium (general)'.
p. 331, Se, column 3: correct 'selenium' to 'selenium (general)'.
p.331, Se, column 5: 'selanidyl' must be 'selanidylo' (ligand is anionic).
p. 332, Si, columns 3-5: radical dots missing from formulae but optional.
p. 333, SiO_3: in the fourth column, the last '(1–)' must be '(2–)'.
p. 334, Te, column 5: 'tellanidyl' must be 'tellanidylo' (ligand is anionic).
Table X
p. 339, in footnote a, correct to 'heteroatomic'.