the observed $|F_o|$ values are compared with the calculated F_c values in Table 2. The density of the compound was found by the displacement method (in water and in air) to be 7·39 g.cm^{-3}. This value compares favorably with the calculated value, 7·36 g.cm^{-3}, based on four Gd_6Mn_{23} units per unit cell. This then, adds another member to the family of A_6B_{23}-type compounds which includes Th_6Mn_{23} (Florio *et al.*, 1952), Sr_6Li_{23} (Wang, King & Kanda, 1962) and Sr_6Mg_{23}, Ba_6Mg_{23} (Gladyshevskii, Kripyakevich, Kuzma & Teslyuk, 1962; Wang, Kanda, Miskell & King, 1963).

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The crystal data for sodium carbonate decahydrate.

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Dr J. W. Visser (of Technisch-Physische Dienst T.N.O. en T.H., Delft) has kindly informed us of the results of his accurate determination of the crystal data for $Na_2CO_3.10\,H_2O$. This has drawn our attention to a mistake in transcription which led to errors in the *b* parameter and space-group symbol reported by us (Dunsmore & Speakman, 1963), as well as to a possible source of confusion affecting the crystal data for this substance. Because it is pseudo-hexagonal, there are three very similar choices of *a* and *c* axes. These are listed in Table 1 on the basis of our own (corrected) measurements. Cell (i), which has the value of β nearest to 90°, is that chosen by Visser, whose parameters are given in the last column. Cell (ii) is the one adopted in our note, with an emendation of space-group symbol. Cell (iii) corresponds most closely with the axial ratios and β value recorded by Groth (Vol. II, 1908), as is seen by comparing the figures in columns 5 and 6. (We have chosen the centrosymmetric space group No. 15, instead of No. 9, because the goniometric data imply the point group $2/m$.) D_x is now 1·460.

We are indebted to Dr Visser for permission to publish his results for the decahydrate, and also parameters for $Na_2CO_3.7\,H_2O$ ($a = 19{\cdot}498$, $b = 7{\cdot}0157$, $c = 14{\cdot}483$ Å) which agree well with our own.

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Table 1. *Crystal data for* $Na_2CO_3.10H_2O$, *with translations in* Å

				Ratios		
	(i)	(ii)	(iii)	(iii)	(Groth)	Visser
a	12·761	12·571	12·761	1·4165	1·4186	12·754
b	9·009	9·009	9·009	1	1	9·009
c	12·571	13·470	13·470	1·4951	1·4828	12·597
β	115° 46′	121° 26′	122° 48′	—	122° 20′	115° 51′
S.G.	*C*2/*c*	*I*2/*a*	*C*2/*c*			*C*2/*c*