Comment ID	From Page	From Line	To Page	To Line	Comment	Response
					As Table AV.2 includes non-gas forcers/processes, revision of	Accepted. Annex 3 title has been
29225	1	1	1	1	the title (greenhouse gas) is recommended. [Yugo Kanaya,	changed.
					Japan]	
43751	3				The Law Dome records of CO2, CH4 and N2O published in	Accepted. Revised estimates have
		2	3	2	MacFarling Meure et al. (2006) have recently been revised and	been included.
					should be replaced by Rubino et al. (2019) - Revised records of	
					atmospheric trace gases CO2, CH4, N2O, and δ 13C-CO2 over	
					the last 2000 years from Law Dome, Antarctica	
					(https://www.earth-syst-sci-data.net/11/473/2019/) [Mauro	
					Rubino, Italy]	
9581	3	6	3	6	Can you make it clear the uncertainties (unc) are for	Accepted. These aspects are reported
					abundances and not RF? Please provide unit for ERF. [Olivier	in the notes to the table, and unit is
					Boucher, France]	provided.
	3		3		Rubino et al., ESSD, 2019, could be added to the reference	Accepted. References relevant for this
					listed used to established GG level in 1750. Rubino et al., 2019,	Annex have been added.
					actually is an update of MacFarling Meure et al., 2006 (this last	
39609					reference is not essential anymore, when citing Rubino et al., 2019). Maybe consider using all paper cited in Chapter 2 to	
					evaluate the 1750 GG levels (eg for CH4, Mitchell et al., 2013,	
					explicitely used in chapter 2 for providing 1750 CH4 level).	
					[Xavier Faïn, France]	
					The header should say "Perfluorocarbons". Also, could radiative	Accepted. We provide in this Table
					forcings for all halogenated compounds please be given in mW	ERF for components <0.001 Wm-2 in
	4	1	4	5	m-2? As it is, many of these are just zero, which makes the	4 digits, as we want to point out the
					calculation of their cumulative ERF untraceable. Finally, it	growing importance of these
					appears that the choice of species here (and in Chapters 2 and	components.
					7) is not entirely driven by radiative impact since some of the	
04.405					compounds here have similar or lower ERFs than some that are	
					not included at all (e.g., (e.g., -113a: Adcock et al., 2018; -114a:	
81405					Laube et al., 2016; -124: Simmonds et al., 2019; -133a: Vollmer	
					et al., 2015; -31: Schoenenberger et al., 2015; isoflurane,	
					desflurane, and sevoflurane: Vollmer et al., 2015; SF5CF3:	
					Sturges et al., 2012; c-C4F8O: Vollmer et al., 2019; n-C4F10, n-	
					C5F12, n-C6F14, i-C6F14, and n-C7F16: Droste et al., 2020). A	
					clear criterion for including a species needs to be defined.	
					[Johannes Laube, Germany]	
0500		C C		-	Can you make it clear the uncertainties (unc) are for	Accepted. These aspects are reported
9583	4	6	4	6	abundances and not RF? Please provide unit for ERF. [Olivier	in the notes to the table, and unit is
					Boucher, France]	provided.
14439	8	2	8	2	Eliminate the word "notes". [Maria Amparo Martinez Arroyo,	Accepted. The word was a
					Mexico] Contrails should be contrails and contrail-cirrus. [Olivier	placeholder. Accepted. The specification is made.
9585	8		8		-	Accepted. The specification is made.
	l				Boucher, France]	

Comment ID	From Page	From Line	To Page	To Line	Comment	Response
116803					Thanks for this well developed Annex I. Could it be possible to	Rejected. This is referring to another
					highlight novel datasets compared to AR5, or major changes to	Annex. Cross-referencing is added.
					datasets compared to AR5, in the Introduction? Please also	
					make sure that the Annex is cited in relevant chapters (provide	
					guidance) and identify where they are used (tables, figures,	
					sections). [Valerie Masson-Delmotte, France]	