
















































I'm working on free fonts of St. Gall neumes for the Gregorio project. So far there are two fonts, SGModern, which is mostly based on the work from the Bellaigues abbey (about 200 neumatic glyphs) and I've just added further 200 neumatic glyphs, and Gregall, where I'm trying to use exact shapes from the manuscripts (Cantatorium, Hartker antiphonary, Einsiedeln 121, Sg. Gall 339 and Bamberg lit. 6). I'd like to have first complete coverage of Cardine's Table of Neumatic Signs of St. Gall and if that is done, complete most common neumatic elements which can't be easily combined from other neumatic elements plus prepunctis and subpunctis. The SGModern font right now doesn't have some significative letters, the Gregall font is missing various neumatic glyphs. Both fonts are temporarily available from <http://people.redhat.com/jakub/gregall/>.





Any thoughts where to find the following neumatic elements (manuscript, page and perhaps line) in the manuscripts? From the Cardine's Table I'm missing climacus with tenete on it , scandicus with episemas , melodic scandicus form , pes with one subpunctum and one strophæ , 2nd form of scandicus flexus with neumatic break , melodic form of scandicus flexus , liquescens scandicus flexus  (only have one with two tractulis instead of punctis ) , torculus resuspinus with celeriter on it , torculus resuspinus with episema , one modified shape form of trigonus , pressus minor with gravis , pressus maior with strophæ , salicus with frendor on it  and one melodic form of salicus . Anyone knows where in the MSS to find significative letters **pulcre**?

In the Cardine's table, I'm seeing various glyphs used for two or more neumatic signs, is that correct or just I'm not able to figure out the differences in between them? In particular, is the ancus glyph   the same glyph for 1st augment. clivis and diminut. climacus, or is there any difference in between those two? Similarly is the epiphonus glyph   the same glyph for augment. tractulus, diminut. pes and diminut. virga strata? Is augment. virga strata   the same glyph as diminut. pressus maior? Is 3rd augment. form of pes   the same glyph as diminut. scandicus and diminut. salicus (tractulus + epiphonus)? What about augment. porrectus   and diminut. porrectus flexus? Augment. torculus   and diminut. pes subbipunctis? Augment. virga (cephalicus)   and diminut. clivis? Porrectus flexus with neumatic break   and 1st melodic form of scandicus flexus?




As the majority of the SGModern font was designed by others, I'd appreciate feedback on matching of some of the glyphs in that font with what I found in the manuscripts and what is in the Gregorian Semiology. Most importantly, the diminut. porrectus , diminut. torculus resuspinus  and the same with episema  look to me like virga or pes with epiphonus attached to the top, while the SGModern font have glyphs with the epiphonus attached to the bottom , , , which I haven't found in the manuscripts in such a form. Can that be considered the same glyphs? Also, in the manuscripts I also found (in many places) a form with quadratic form of the beginning of the torculus , is that an important glyph difference or just a small detail that can be ignored?

The second augment. form of clivis  has the right lower curve much bigger than the glyphs in SGModern  (and similarly with episema), is that also something that can be easily understood as the same neumatic element?






































For some of the shape modifications of torculus and torculus resuspinus, I'm afraid I don't clearly grok which characters are which. For the 2nd shape modified torculus in the Cardine's table, the SGModern font has two quite similar glyphs  and , what I found in the manuscripts is only , is that the first or second SGModern glyph and which of those two is the one in Cardine's table? Similarly the 2nd shape modified torculus resuspinus, SGModern has , what I found in the MSS is , but not sure if it is the same neume. For the 3rd shape modified torculus resuspinus, I'm not sure what is the difference from the plain torculus resuspinus  .

Also, I'd like to ask, some glyphs like clivis combined with pressus come in two different forms:   and  . Is the first one clivis with pressus minor and the second one with pressus maior, or is that both pressus minor, just in different shape?



























































































































In the Einsiedeln 121 codex, I've often found a salicus where the shape of the punctum looked much more like a tractulus than punctum, but it seems in Graduale Triplex that is usually painted just as punctum. Is that just an insignificant change one can ignore?








































































































































































The SGModern font has separate  and  characters, all I found in the MSS so far was , is that the first or second glyph in SGModern? Which one is the 2nd augment. pes form in Cardine's table, and how can be the other neume classified?

For all the glyphs in the Gregall font, I have notes from where I've picked those up, have a 4 month old document at my web pages which describes that, but as about 100 glyphs has been added to that font since then, it is out of date, if anyone wants to know a particular glyph, I can answer it quickly, otherwise I'll try to eventually update that document, but it might take some time.

bv			ciG			ci~		
bv-			ciG1			cl		
bv>			ciM			cl!clS	missing	
ci			ciM-	missing		cl!pi		
ci-			ciS			cl!pilsc1st3		missing
ci1			ciS1			cl!pilsc2		missing
ci>			cilsc3		missing	cl!po		

cl!po-1			lsp			pfMsut1		
cl!po>ppt1			lspar		missing	pfMsuu1	missing	
cl!pr			lspfec		missing	pfS		
cl-			lspm			pflsc2		missing
cl-!pi			lss			pflst2		missing
cl-1su2			lssb			pf~		
cl->			lssc			pi		
cl->1			lssimil			pi>		
cl-lst2		missing	lssimul		missing	piM	missing	
cl-ppt1	missing		lssm			pilsc2		missing
cl>			lsst			pilst2		missing
cl>1			lssta		missing	po		
cl>ppt2			lst			po-		
clM			lstb			po-1		
clM-			lstm			po-2	missing	
clS			lstw		missing	po>		
clS-			lsv		missing	poG		
clS-1			lsvol		missing	poG-		
clS1			lsx			poG-1	missing	
clSsu1sut1			or			poG1	missing	
clSsut1sux1	missing		or>			polsc2		missing
clSsut2	missing		pe			po~		
clSsux1	missing		pe!vi	missing		pp2		
cllsc2		missing	pe-			pp3		
cllst2		missing	pe-1			pp4		
cl~			pe-1su1suu1			pp5	missing	
ds			pe-1su2			ppt1		
ds-			pe-1sut2			ppt2		
ds>			pe-su2			ppt3		
dslsx6		missing	pe-su3sut1			ppt4		
gr			pe>			ppt5		
gr-			pe>1			ppu1		
gr-lsc6		missing	pe>2			ppu2		
lsaM			pe>ppt1	missing		ppu3		
lsal			peG			ppu4		
lsb			peS			ppu5		
lsc			peSsu1sux1			pq		
lscM			peSsu2			pq!cl		
lsco			peSsut2			pq!cl-		
lscw		missing	pesu1sut1	missing		pq!cl>		
lsd		missing	pesu1sut3			pq-		
lse			pesu1suu1			pq>		
lseq		missing	pesu1suw1			pqS		
lsew		missing	pesu1sux1	missing		pqS-	missing	
lsfid		missing	pesu2			pqS>		
lsfr			pesu2suv1			pqlsfr1		missing
lsg			pesu3			pr		
lsi			pesut2	missing		pr-		
lsiM			pe~			pr-lsc3		missing
lsiv		missing	pf			pr>	missing	
lsk			pf!cl-			prM		
lsl			pf!clM-			prlsc1		missing
lslb			pf!clMppt1			prlst2		missing
lslc			pf!cl~			pr~		
lslen		missing	pf!pr			pt		
lslm			pf-			pu		
lslp			pf1lsc2		missing			
lslt			pf>					
lsm			pfM					
lsmoll			pfM-	missing				

qi			saM-1			sut1su2		
qi!cl			saM-3	missing		sut1sux1		
qi!cl-			saM1			sut2		
qi!cl>			saM2			sut2su2		
qi!clppt1			saM3			sut2sux1	missing	
qi!po			salsfr1		missing	sut2suy1		
qi!vs	missing		sa~			sut3		
qi-			sc			sut3suw1		
qi>			sc-			sut3suy1		
qi>ppt1			sc-1	missing		sut4		
qippt1			sc1			suu1		
ql			sc>			suu1su2		
ql!cl			scG			suu2su2		
ql!cl!cl>			scG-1	missing		suv1		
ql!cl!cl>ppt1			scG1			suv1su2		
ql!cl!pi			scM	missing		ta		
ql!cl!pippt1			scM1			ta-		
ql!cl-			scM2			ta>		
ql!cl->			scS			talsc3	missing	
ql!cl-ppt1			sc~			talst2	missing	
ql!cl>			sf			tg		
ql!cl>ppt1			sf-			tg1		
ql!clM			sf>	missing		tgM		
ql!clMppt1			sfG	missing		tgS		
ql!clS	missing		sfG1	missing		tgS-		
ql!clppt1			sfM			tgS1		
ql!pf			sfM1	missing		tgS2	missing	
ql!pf-			sfS			tgS3		
ql!po			sflsc2			tgS4		
ql!po-1			st		missing	to		
ql!po-1ppt1			st-			to!ciG		
ql!po>			st>			to!cl		
ql!poppt1			stS			to!cl!cl		
ql!vs			su1sut1			to!cl!cl!cl		
ql!vsppt1	missing		su1sut1su1sut1			to!cl!pi		
ql-			su1sut1su2			to!cl-	missing	
ql-ppt1			su1sut1sux1			to!cl-!cl-		
ql>			su1sut1suy1			to!cl-1		
ql>ppt1			su1sut2			to!clS		
qlppt1			su1sut2su1			to!pi		
sa			su1sut3			to!po		
sa!cl			su1suu1			to!pr		
sa!cl-			su1suu1su1			to-		
sa!cl>			su1suu1su2			to-1		
sa!clS-1			su1suu2			to->		
sa!clS1			su1suv1			to>		
sa!clS1lsc2	missing		su1suw1			toG		
sa-			su1sux1			toM		
sa-1			su2			toM-	missing	
sa->1			su2sut1	missing		toM1		
sa-lsfr1	missing		su2suv1			toM2	missing	
sa1			su2suw1			toM2-	missing	
sa1!cl>			su2sux1	missing		toS		
sa>			su3			toS1		
sa>1	missing		su3sut1			toS2		
saG			su4			toS3		
saM	missing		su5			toS3lst2	missing	
			sut1su1sux1	missing		toS4	missing	
						tolsc2	missing	

tolsc4lst3		missing	vi->			vippu1su2lsc3		missing
tolst2		missing	vi-lst3		missing	visu1sut1su1sut1		
toppu1			vi-pp2			visu1sut1su2		
tr			vi-pp4			visu1sut1sux1		
tr-	missing		vi-ppt3			visu1sut1suy1		
tr-1			vi-su1sut1	missing		visu1sut2		
tr-2	missing		vi-su1sut1su2			visu1suu1		
tr~			vi-su1sut2su1			visu1suu1su2		
tr~1			vi-su1suu1su1			visu1suv1		
tr>			vi-su1suu2			visu2sut1	missing	
trG			vi-su1sux1	missing		visu2suw1		
trG1			vi-su2suw1	missing		visu2sux1	missing	
trG2			vi-su2sux1	missing		visu5		
trM			vi-su3	missing		visut1su2		
trS			vi-su4			visut1sux1		
trS-			vi-sut1sux1	missing		visut2su2		
trS1			vi-sut2	missing		visut2sux1	missing	
trlst2		missing	vi-sut2sux1	missing		visut2suy1		
tr~			vi-sut3	missing		visut3		
ts			vi-suu2su2			visut3suw1		
ts-			vi>			visut3suy1		
ts2sut1			vi>ppt2	missing		visut4		
ts>			vi>ppt3			visuu1su2		
tsM			vilsc2		missing	visuu2su2		
tsM-			vilst1		missing	visuv1su2		
tslsx6		missing	vipp4			vs		
tv			vipp4			vs-		
tv-			vipp4			vs->		
vi			vipp4			vs>		
vi-			vipp4			vslsc3		missing
vi-!vi!vi			vipp4			vslst2		missing
vi-!vi!vi			vipp4			vs~		
vi-!visu2			vipp4					