

図1 会津盆地とコア掘削位置

陰影図は国土地理院発行の50 m DEMを用いて作成。活断層の位置は都市圏活断層図「若松」(宮内ほか, 2004)による。旧カルデラ群の位置はYamamoto (2011)による。白丸は対比テフラの採取位置を示す。

Fig. 1 Location of the Aizu Basin

Relief map is created by using Digital Map 50 mGrid (Elevation) of Geospatial Information Authority of Japan (GSI). Distribution of active faults is after Miyauchi et al. (2004). Locations of old calderas are after Yamamoto (2011). Open circles indicate localities of sampling tephras.

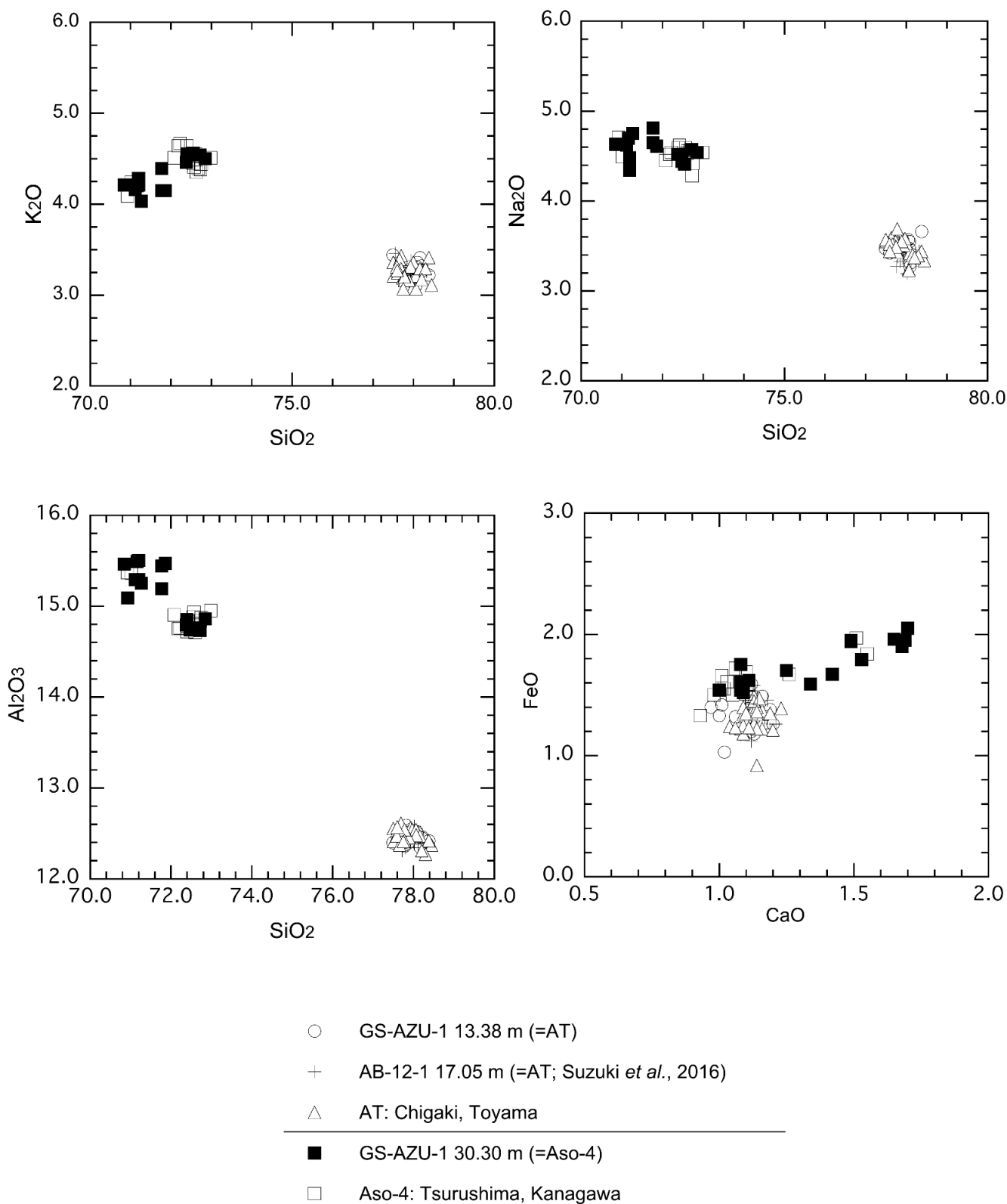
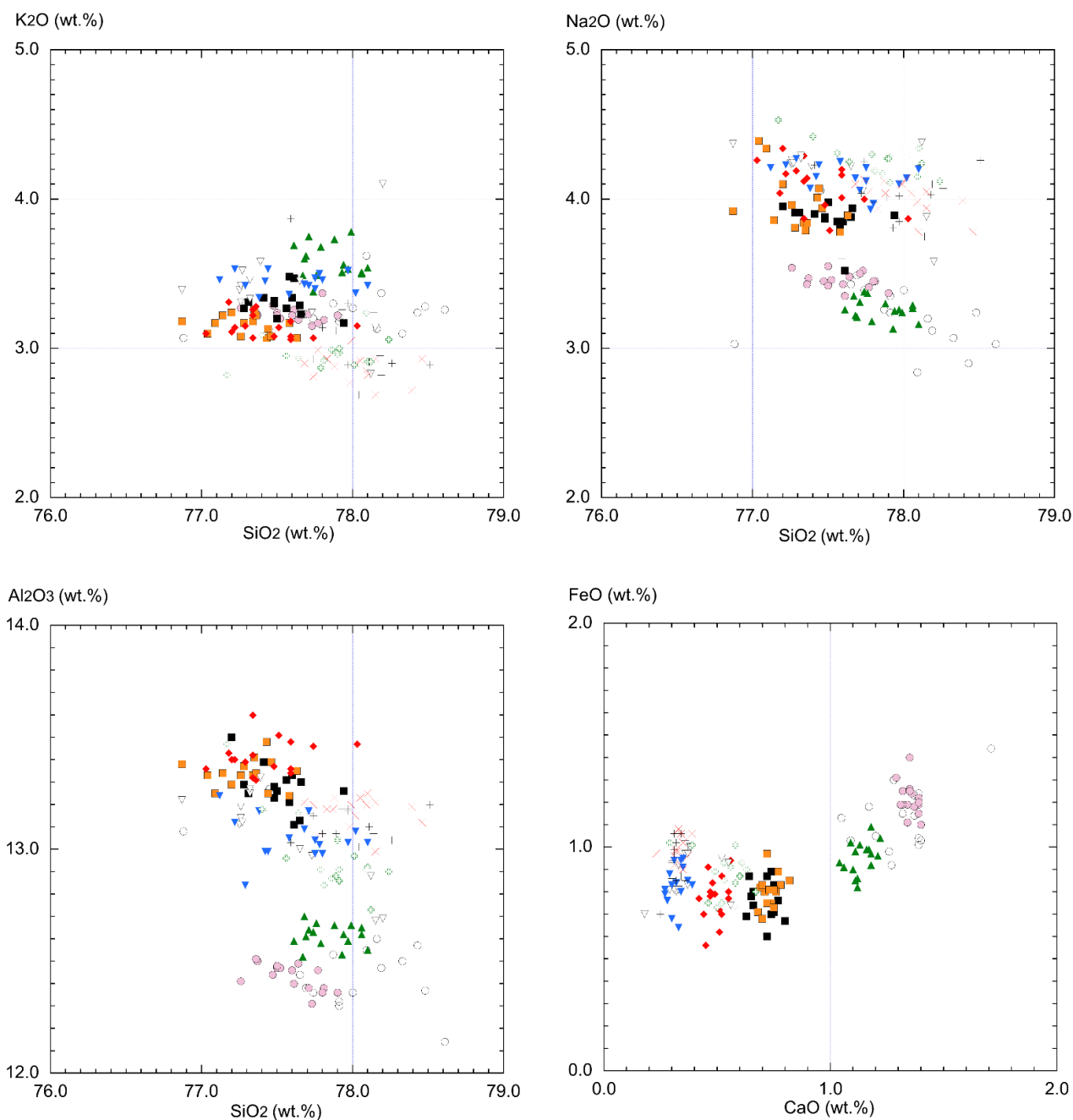


図3a 火山ガラスの主成分化学組成（広域テフラ）
 GS-NT-1コアの火山ガラスの主成分化学組成は図3dを参照。

Fig. 3a Chemical compositions of glass shards of widespread tephras
 Chemical compositions of glass shards in GS-NT-1 core is shown in Fig. 3d.



- GS-SOK-1 1.88 m (=Nm-NM)
- ◇ Nm-NM: Suzuki & Soda (1994)
- ▲ Nm-KN: Suzuki & Soda (1994)
- GS-AZU-1 35.02 m (=Nm-SB)
- Nm-SB: Suzuki et al. (2004)
- ◆ TG: Suzuki et al. (2004)
- ▽ GS-AZU-1 52.36 m (=Sn-MT)
- ▼ Sn-MT: Suzuki et al. (2004)
- + GS-SOK-1 81.70 m (=Sn-SK)
- × Sn-SK: Suzuki et al. (2004)
- ◇ Unknown: AB-12-2/ 99.25-99.26 m, Su

図3b 火山ガラスの主成分化学組成 (沼沢・砂子原起源テフラ)
GS-NT-1コアの火山ガラスの主成分化学組成は図3dを参照。

Fig. 3b Chemical compositions of glass shards in tephra
derived from Numazawa and Sunagohara calderas
Chemical compositions of glass shards in GS-NT-1 core is shown in Fig. 3d.

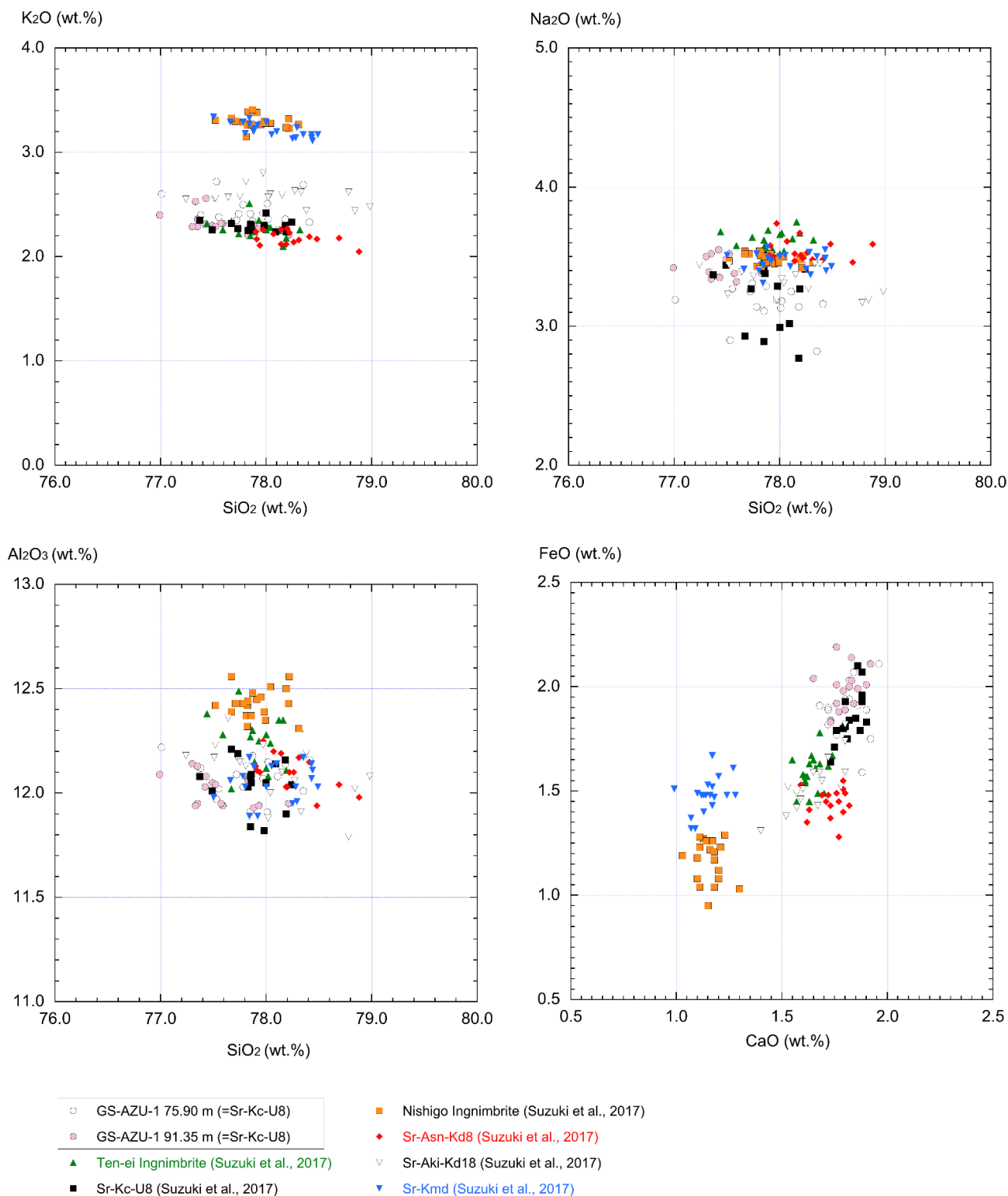


図3c 火山ガラスの主成分化学組成（白河火砕流堆積物）
GS-NT-1コアの火山ガラスの主成分化学組成は図3dを参照。

Fig. 3c Chemical compositions of glass shards of Shirakawa ignimbrites
Chemical compositions of glass shards in GS-NT-1 core is shown in Fig. 3d.

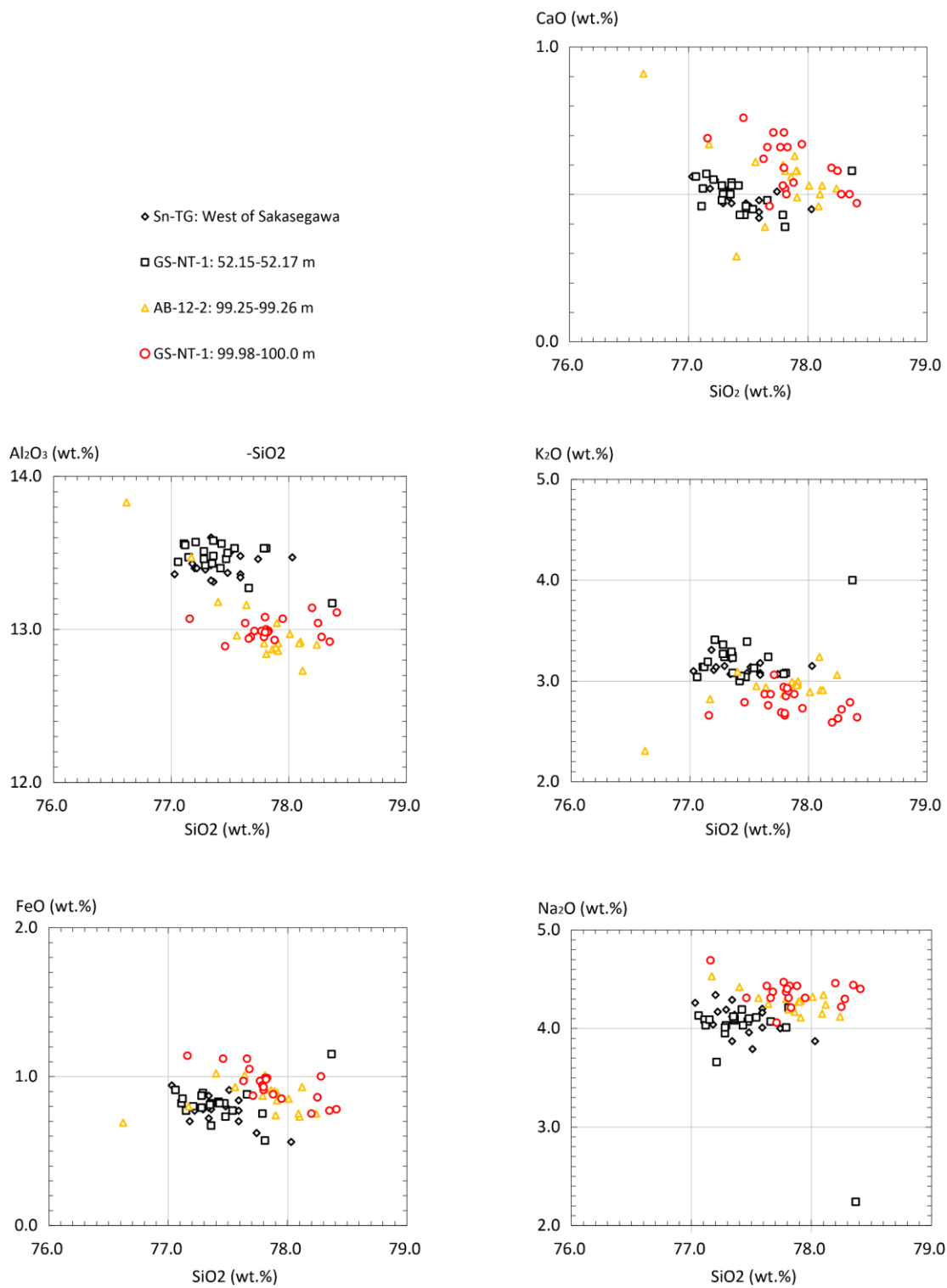


図3d GS-NT-1コアの火山ガラスの主成分化学組成

Fig. 3d Chemical compositions of glass shards in GS-NT-1 core.

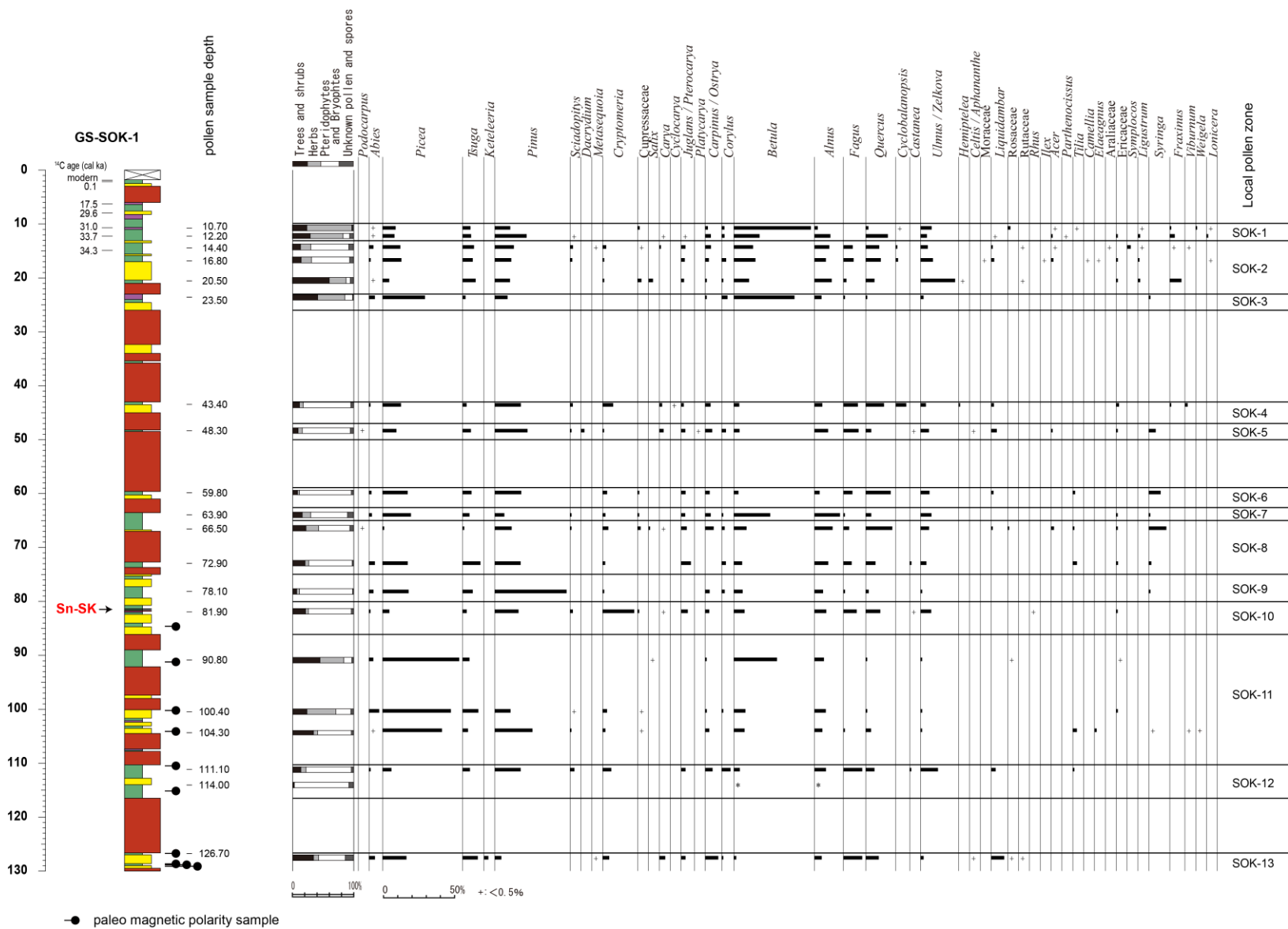


図4b GS-SOK-1 の花粉ダイアグラム (木本植物)

Fig.4b Pollen diagram (trees and shrub) of GS-SOK-1 core

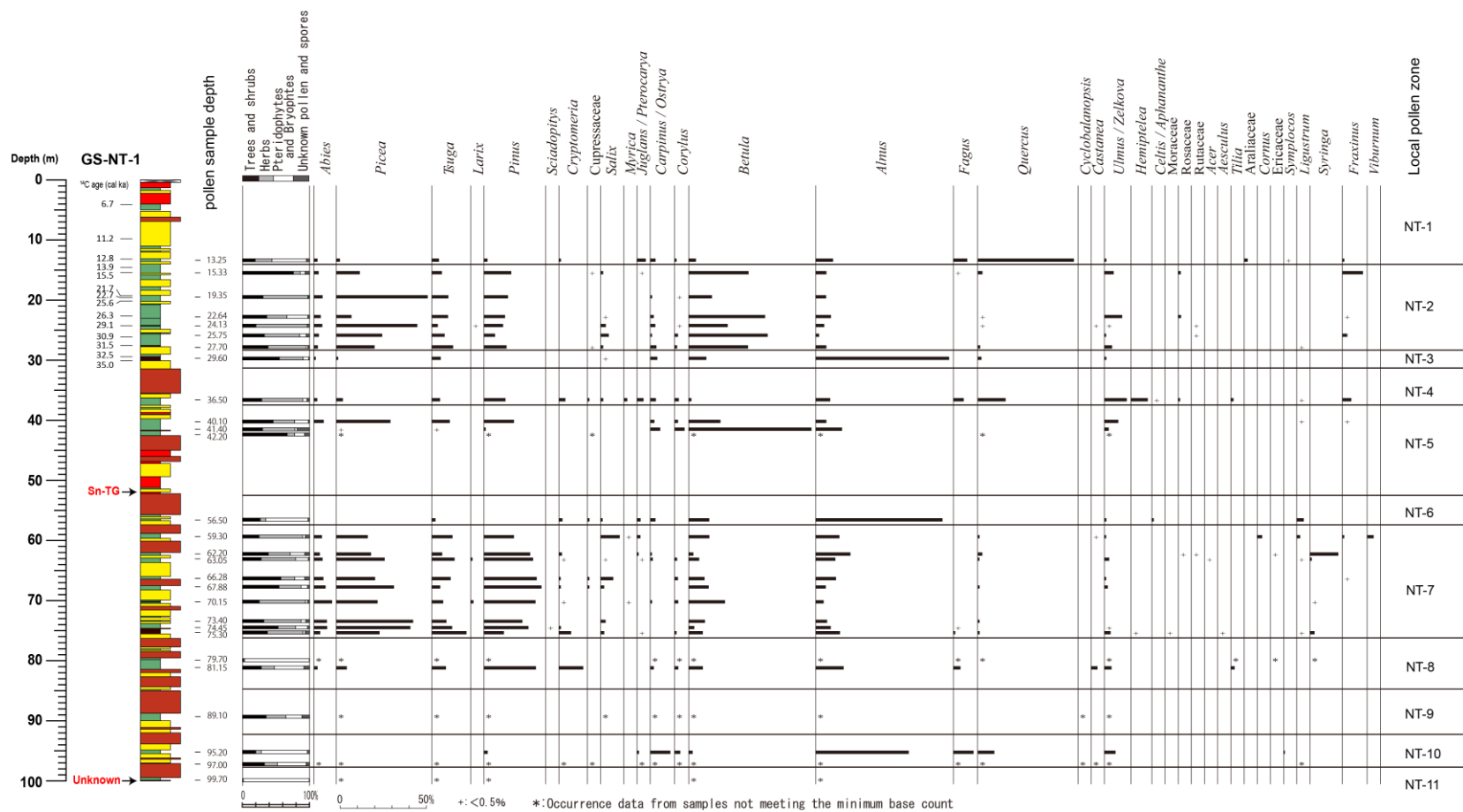


図4c GS-NT-1 の花粉ダイアグラム (木本植物)

Fig.4c Pollen diagram (trees and shrub) of GS-NT-1 core

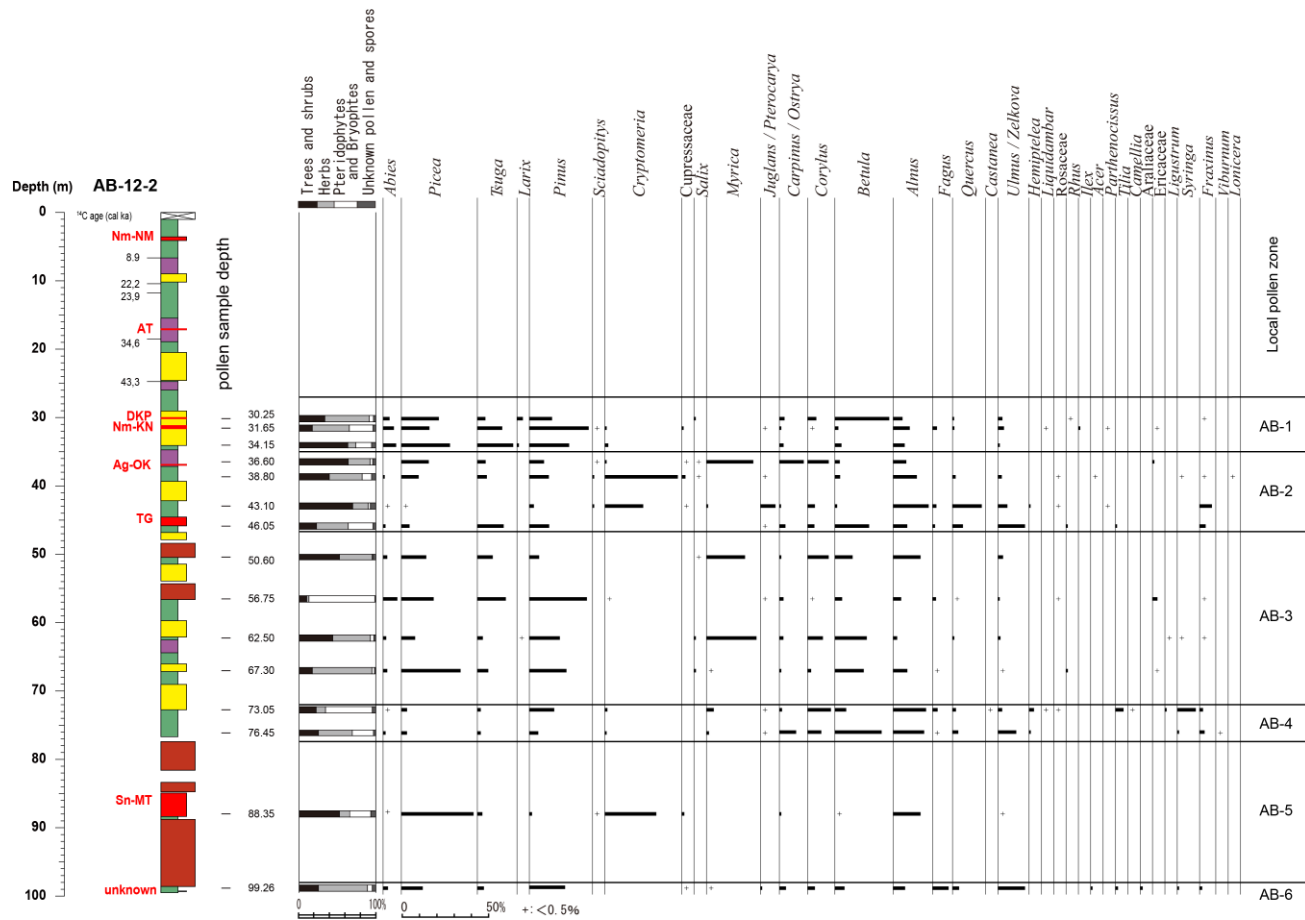


図4d AB-12-2 の花粉ダイアグラム（木本植物）

Fig.4d Pollen diagram (trees and shrub) of AB-12-2 core

表1 コアから得られたテフラとそれに対比可能なテフラの諸特性
Table 1 Petrographic properties of tephra collected from cores and correlative beds

Core	Tephra		Composition Mineral Shape of glass shards	Refractive index		Major element compositions (wt%)												Reference
	Core name/ depth (m)	Type				SiO ₂	TiO ₂	Al ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	Total	Ana- lytical total	n	
Aira-tanzawa (AT)																		
	Chigaki, Tateyama, Toyama P.	afa		gl:1.498-1.501		77.9	0.2	12.5	1.3	0.1	0.2	1.1	3.5	3.2	100.0	98.1	26	Suzuki et al. (2016)
						0.3	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	1.4		
AZU	GS-AZU-1 13.35-13.38 m	afa	bw	gl:1.499-1.501		78.0	0.1	12.5	1.3	0.1	0.2	1.1	3.5	3.3	100.0	94.9	16	
						0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	1.1		
AZU	GS-AZU-1 13.50-13.53 m	afa	bw	gl:1.499-1.501		77.9	0.1	12.4	1.4	0.1	0.2	1.1	3.5	3.3	100.0	94.9	16	
						0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	1.3		
Numazawa-Kanayama (Nm-KN)																		
	Yunotaira, Hayato, Mishima Town (Loc.5)	pfa	ho≥cum>mt	gl: 1.499-1.502	ho: 1.670-1.675 cum: 1.657-1.665	77.8	0.2	12.6	1.0	0.1	0.3	1.1	3.3	3.6	100.0	98.1	16	Suzuki et al. (2016)
						0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.8		
Aso 4 (Aso-4)																		
	Tsurushima, Uenohara Town, Kanagawa P.	afa				72.3	0.5	14.9	1.6	0.2	0.5	1.1	4.5	4.5	100.0	95.6	16	Suzuki et al. (1995)
						0.6	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.0	1.2		
AZU	GS-AZU-1 30.28-30.30 m	afa	bw>>spg	gl:1.508-1.513		71.8	0.4	15.1	1.8	0.1	0.5	1.4	4.6	4.3	100.0	94.0	16	
						0.7	0.1	0.3	0.2	0.1	0.1	0.3	0.1	0.2	0.0	2.2		
Numazawa-Shibahara (Nm-SB)																		
	West of Sakasegawa (Loc.3)	afa/pfa/afa	ho≥cum,mt, bi ; qt spg	gl: 1.497-1.499	ho: 1.674-1.689 cum: 1.661-1.666	77.3	0.2	13.3	0.8	0.2	0.2	0.7	4.0	3.2	100.0	97.2	15	Suzuki et al. (2016)
						0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.7		
AZU	GS-AZU-1 35.02 m		bi,ho+qt	gl: 1.498-1.501		77.5	0.1	13.3	0.8	0.2	0.2	0.7	3.9	3.3	100.0	93.4	14	
						0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	2.3		
Sunagohara-Tagashira (Sn-TG)																		
	West of Sakasegawa (Loc.3)	pfa/afa/pfl/pfa	bi (mt); qt str	gl: 1.496-1.499		77.4	0.2	13.4	0.8	0.2	0.2	0.5	4.1	3.2	100.0	97.6	16	Suzuki et al. (2016)
						0.2	0.0	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.0	1.2		
AB	AB-12-2 44.58-45.75 m	?	bi str, spg,fib	gl: 1.496-1.499		77.4	0.2	13.4	0.7	0.2	0.2	0.5	4.1	3.4	100.0	99.0	13	Suzuki et al. (2016)
						0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.7		
NT	GS-NT-1 51.95-52.0 m	pfa	bi (mt); qt str	gl: 1.497-1.498		77.5	0.1	13.5	0.8	0.2	0.2	0.5	3.2	4.1	100.0	94.8	16	
						0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.9		
NT	GS-NT-1 52.15-52.17 m	pfa	bi (mt); qt spg	gl: 1.495-1.497		77.4	0.2	13.5	0.8	0.2	0.2	0.5	3.2	4.0	100.0	93.8	16	
						0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.4	0.0	3.0		
Sunagohara-Matsunoshita (Sn-MT)																		
	West of Sakasegawa (Loc.3)	afa	bi, mt (ho); qt fib, spg	gl:1.496-1.499		77.6	0.2	13.1	0.8	0.3	0.2	0.3	4.1	3.4	100.0	98.6	16	Suzuki et al. (2016)
						0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.8		
AB	AB-12-2 84.91-88.34 m	pfl?/afa?	bi; qt fib, spg	gl:1.495-1.498		77.5	0.1	13.2	0.8	0.2	0.2	0.3	4.2	3.5	100.0	97.7	14	Suzuki et al. (2016)
						0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.7		
AZU	GS-AZU-1 52.36 m		bi; qt spg>fib	gl:1.495-1.498		77.5	0.2	13.1	0.9	0.3	0.2	0.4	4.2	3.4	100.0	95.7	13	
						0.4	0.1	0.2	0.1	0.1	0.0	0.1	0.2	0.3	0.0	1.2		

(1) Tephra name (3) afa: ash fall deposit, pfa: pumice fall deposit, pfl: pyroclastic flow deposit (6) opx: orthopyroxene, cpx: clinopyroxene, ho: hornblende, cum: cummingtonite, mt: titanomagnetite, bi: biotite, qt: quartz, Shape of glass shards, bw: bubble-wall, fib: fiber type, sb: small bubble type, str: stripe type, spg: sponge type, Phenocryst found rarely is shown in parenthesis. (7) gl: glass (n), opx: orthopyroxene (γ), ho: hornblende (n₂), cum: cummingtonite (n₂): Determined with RIMS2000. (8) Analyses recalculated to 100% on a volatile-free basis and presented as a mean and standard deviation of n shard analyses. Determined by JSM-6390 and EDAX-Genesis APEX2 energy dispersive X-ray spectrometry using a 0.6 nA current at 15 kV.

表1 (つづき)
Table 1 (continued).

Core	Tephra Core name/ depth (m)	Type	Composition Mineral Shape of glass shards	Refractive index	Major element compositions (wt%)												Reference
					SiO ₂	TiO ₂	Al ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	Total	Ana- lytical total	n	
Unknown																	
AB	AB-12-2 99.25-99.26 m	afa	bi; qt spg	gl: 1.497-1.499	77.8	0.2	13.0	0.9	0.2	0.2	0.5	4.3	3.0	100.0	98.3	16	Suzuki et al. (2016)
NT	GS-NT-1 99.98-100.0 m	afa	(ho,bi)□ spg	gl: 1.497-1.498	0.3	0.1	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.6	16	
					77.9	0.1	13.0	0.9	0.1	0.2	0.6	4.4	2.8	100.0	95.4		
					0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	2.0		
Sunagohara-Sakasegawa (Sn-SK)																	
	South of Kachikata (Loc.2)	afa?	bi; qt fib, spg	gl: 1.496-1.497	78.0	0.2	13.2	1.0	0.3	0.2	0.3	4.0	2.9	100.0	96.5	16	Suzuki et al. (2016)
SOK	GS-SOK-1 81.70 m	afa	bi; qt fib, spg	gl: 1.496-1.498	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.8	16	
					78.0	0.1	13.1	0.9	0.2	0.2	0.3	4.0	3.1	100.0	94.0		
					0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.3	0.0	0.8		
Shirakawa Ten-ei (Sr-Tne)																	
	Ikenoiri, Tenei Village	pfl	opx≥cpx,mt(ho); qt spg,fib	gl: 1.502-1.504 opx: 1.707-1.714 ho: 1.671-1.679	77.9	0.3	12.2	1.6	0.1	0.4	1.6	3.6	2.3	100.0	95.7	18	Suzuki et al. (2017)
					0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	1.3		
Shirakawa Kachikata-U8 (Sr-Kc-U8)																	
	Kachikata, Aizu-Bange Town (Loc.1)	pfl	opx,cpx,mt>ho; qt fib,spg,bw	gl: 1.505-1.506 opx: 1.711-1.714 ho: 1.670-1.676	77.9	0.4	12.1	1.9	0.1	0.4	1.8	3.2	2.3	100.0	94.4	15	Suzuki et al. (2017)
AZU	GS-AZU-1 70.7 m	af	opx,cpx>ho,mt str,fib,spg	gl:1.503-1.504 opx: 1.710-1.715 ho: 1.671-1.677	0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.0	1.0	16	
					77.7	0.3	12.0	1.9	0.1	0.4	1.8	3.3	2.4	100.0	96.5		
AZU	GS-AZU-1 75.9 m	pfl	opx,cpx,ho,mt;+qt spg,str	gl:1.502-1.504 opx: 1.707-1.715 <1.499 (1)> ho: 1.673-1.680	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	1.0	16	
					77.8	0.3	12.1	1.9	0.1	0.4	1.8	3.2	2.4	100.0	96.8		
AZU	GS-AZU-1 78.70-79.0 m	pfl	opx,cpx≥ho,mt str,fib> bw	gl:1.503-1.505 opx: 1.708-1.714 ho: 1.673-1.682	0.4	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	1.2	16	
					77.7	0.3	12.1	2.0	0.1	0.4	1.7	3.3	2.4	100.0	95.8		
AZU	GS-AZU-1 91.35 m	pfl	opx,cpx,mt>qt; +qt spg,fib	gl:1.503-1.504 opx: 1.711-1.719 ho: 1.675-1.680	0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	1.0	16	
					77.6	0.4	12.0	2.0	0.1	0.4	1.8	3.4	2.3	100.0	95.6		
Shirakawa Nishigo (Sr-Nsg)																	
	Nagasaka, Nishigo Village	pfl	opx,ho,mt: qt bw≥fib	gl: 1.498-1.500 opx: 1.713-1.717 ho: 1.714-1.720	77.9	0.2	12.4	1.2	0.1	0.3	1.2	3.5	3.3	100.0	96.4	20	Suzuki et al. (2017)
					0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.4		
Shirakawa Ashino-Kd8 (Sr-Asn-Kd8)																	
	Yonemura, Nishigo Village	pfl/pfa	opx,cpx,mt>ho spg>fib,bw	gl: 1.501-1.503 opx: 1.704-1.712 ho: 1.668-1.675	78.2	0.3	12.1	1.4	0.1	0.4	1.7	3.5	2.2	100.0	95.1	16	Suzuki et al. (2017)
					0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.4		
Shirakawa Akai-Kd18 (Sr-Aki-Kd18)																	
	Akai, Aizu-Wakamatsu City (Loc.4)	pfl	opx,cpx,mt; qt spg>fib,bw	gi: 1.502-1.503 opx: 1.710-1.713	78.1	0.3	12.1	1.5	0.1	0.4	1.7	3.3	2.6	100.0	94.6	16	Suzuki et al. (2017)
					0.5	0.1	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.7		
Shirakawa Kumado (Sr-Kmd)																	
	Tanosawa, Shirakawa City	pfl/pfa	mt>>opx>cpx; qt bw>>str,fib	gl: 1.500-1.502 opx: 1.713-1.722	78.1	0.2	12.1	1.5	0.1	0.3	1.2	3.5	3.2	100.0	95.9	20	Suzuki et al. (2017)
					0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.4		

(1) Tephra name (3) afa: ash fall deposit, pfa: pumice fall deposit, pfl: pyroclastic flow deposit (6) opx: orthopyroxene, cpx: clinopyroxene, ho: hornblende, cum: cummingtonite, mt: titanomagnetite, bi: biotite, qt: quartz, Shape of glass shards, bw: bubble-wall, fib: fiber type, sb: small bubble type, str: stripe type, spg: sponge type, Phenocryst found rarely is shown in parenthesis. (7) gl: glass (n), opx: orthopyroxene (γ), ho: hornblende (n₂), cum: cummingtonite (n₂): Determined with RIMS2000. (8) Analyses recalculated to 100% on a volatile-free basis and presented as a mean and standard deviation of n shard analyses. Determined by JSM-6390 and EDAX-Genesis APEX2 energy dispersive X-ray spectrometry using a 0.6 nA current at 15 kV.

表2 コアから得られた試料の¹⁴C年代測定値 (GS-AZU-1)
Table 2 ¹⁴C dating results of sedimentary cores (GS-AZU-1)

Laboratory code	Core	Sample number	Sample type	Depth (m)	Measured ¹⁴ C age (yrs BP)	δ ¹³ C (‰)	Conventional ¹⁴ C age (yrs BP)	Calibrated age 2σ (cal BP)	median age
IAAA-153377	GS-AZU-1	AZU-0590	organic sediment	5.90 - 5.95	16970 ± 60	-28.61 ± 0.60	16910 ± 60	20174 - 20591	20383
IAAA-153378		AZU-0650	plant material	6.50 - 6.60	17780 ± 60	-26.71 ± 0.48	17750 ± 60	21243 - 21760	21502
IAAA-153379		AZU-0693	peat	6.93 - 6.94	18070 ± 60	-25.54 ± 0.67	18060 ± 60	21640 - 22129	21885
IAAA-153380		AZU-0738	plant material	7.38 - 7.41	20260 ± 70	-24.92 ± 0.46	20260 ± 70	24084 - 24548	24316
IAAA-153381		AZU-0800	peat	8.00 - 8.05	20390 ± 70	-23.87 ± 0.32	20410 ± 70	24267 - 24889	24578
IAAA-153382		AZU-0843	wood	8.43	21070 ± 80	-25.39 ± 0.50	21060 ± 80	25184 - 25633	25409
IAAA-153383		AZU-0870	plant material	8.70 - 8.75	21400 ± 80	-22.91 ± 0.61	21430 ± 80	25579 - 25926	25753
IAAA-153384*		AZU-0929	plant material	9.29	24390 ± 90	-24.94 ± 0.56	24390 ± 90	28158 - 28708	28433
IAAA-153385		AZU-0966	plant material	9.66 - 9.70	23220 ± 90	-25.35 ± 0.63	23210 ± 90	27295 - 27679	27487
IAAA-153386*		AZU-1084	wood	10.84 - 10.85	24980 ± 100	-25.98 ± 0.56	24960 ± 100	28701 - 29321	29011
IAAA-153387*		AZU-1100	plant material	11.00 - 11.10	25310 ± 100	-24.80 ± 0.59	25310 ± 100	29041 - 29673	29357
IAAA-153388*		AZU-1150	plant material	11.50 - 11.55	24970 ± 100	-27.13 ± 0.27	24930 ± 100	28678 - 29279	28979
IAAA-153389		AZU-1285	organic sediment	12.85 - 12.95	24710 ± 100	-26.73 ± 0.42	24680 ± 100	28458 - 28960	28709
IAAA-153390		AZU-1349	wood	13.49	25510 ± 110	-24.96 ± 0.68	25510 ± 110	29268 - 30046	29657
IAAA-153391		AZU-1355	organic sediment	13.55 - 13.60	25250 ± 100	-26.00 ± 0.51	25230 ± 100	28965 - 29584	29275
IAAA-153392		AZU-1631	wood	16.31	33970 ± 180	-26.33 ± 0.42	33940 ± 180	37951 - 38874	38413
IAAA-153393		AZU-2298	wood	22.88 - 22.89	> 53900	-26.75 ± 0.43	> 53900	-	-

* 年代の逆転が起こっている試料

表2 (つづき) (GS-SOK-1)
Table 2 (continued). (GS-SOK-1)

Laboratory code	Core	Sample number	Sample type	Depth (m)	Measured ^{14}C age (yrs BP)	$\delta^{13}\text{C}$ (‰)	Conventional ^{14}C age (yrs BP)	Calibrated age 2σ (cal BP)	median age
beta-404245	GS-SOK-1	SOK-0186	wood	1.86	modern	-28.7	modern	modern	-
beta-404238		SOK-0213	plant material	2.13 - 2.14	200 \pm 30	-26.6	170 \pm 30	Post 0 - 290	145
IAAA-142537		SOK-0626	wood	6.26 - 6.28	14450 \pm 50	-29.47 \pm 0.51	14380 \pm 50	17314 - 17705	17511
IAAA-142538		SOK-0667	wood	6.67	14420 \pm 50	-26.50 \pm 0.34	14390 \pm 50	17331 - 17727	17529
IAAA-142539*		SOK-0764	wood	7.64 - 7.68	25750 \pm 110	-25.44 \pm 0.50	25750 \pm 110	29525 - 30364	29945
beta-404246		SOK-0795	wood	7.95 - 8.00	25540 \pm 110	-29.0	25470 \pm 110	29330 - 29780	29555
beta-404239		SOK-1070	plant material	10.70 - 10.71	26890 \pm 120	-28.5	26830 \pm 120	30850 - 31090	30970
beta-405104		SOK-1189	plant material	11.89	-	-	22990 \pm 110	27165 - 47480	27323
beta-404240*		SOK-1203	plant material	12.03 - 12.04	30440 \pm 160	-28.7	30380 \pm 160	34085 - 34650	34368
beta-404248		SOK-1224	plant material	12.24 - 12.25	29530 \pm 110	-29.4	29460 \pm 110	33530 - 33830	33680
beta-404241		SOK-1490	organic sediment	14.90 - 15.00	30340 \pm 150	-28.6	30280 \pm 150	34025 - 34565	34295
beta-404242		SOK-1965	plant material	19.65	-	-	27330 \pm 100	31115 - 31310	31213
beta-404243		SOK-2585	wood	25.85	-	-24.5	> 43500	-	-
beta-404244		SOK-3370	wood	33.70	-	-25.5	> 43500	-	-

* 年代の逆転が起こっている試料

表2 (つづき) (GS-NT-1)
Table 2 (continued). (GS-NT-1)

Laboratory code	Core	Sample number	Sample type	Depth (m)	Measured ^{14}C age (yrs BP)	$\delta^{13}\text{C}$ (‰)	Conventional ^{14}C age (yrs BP)	Calibrated age 2σ (cal BP)	median age
IAAA-162513	GS-NT-1	NT-0408	peaty silt	4.08 - 4.10	5700 ± 30	-16.85 ± 0.51	5830 ± 30	6560 - 6731	6645
IAAA-162514		NT-0982	peaty sand	9.82 - 9.86	9740 ± 30	-20.60 ± 0.40	9810 ± 40	11187 - 11259	11223
IAAA-162515		NT-1320	organic silt	13.20 - 13.22	10810 ± 40	-17.81 ± 0.41	10920 ± 40	12703 - 12855	12779
IAAA-162516		NT-1460	organic silt	14.60 - 14.62	12050 ± 40	-24.35 ± 0.43	12060 ± 40	13767 - 14048	13907
IAAA-162517		NT-1545	peat	15.45 - 15.48	12960 ± 40	-26.99 ± 0.45	12920 ± 40	15244 - 15649	15446
IAAA-162518		NT-1930	peat	19.30 - 19.32	17950 ± 60	-26.79 ± 0.29	17920 ± 60	21505 - 21910	21707
IAAA-162519		NT-1961	peat	19.61 - 19.63	18920 ± 60	-28.17 ± 0.47	18860 ± 60	22505 - 22940	22722
IAAA-162520		NT-2018	organic silt	20.18 - 20.20	21260 ± 80	-26.56 ± 0.45	21240 ± 80	25337 - 25791	25564
IAAA-162521		NT-2268	plant materials	22.68 - 22.70	22090 ± 70	-26.82 ± 0.42	22060 ± 70	26034 - 26514	26274
IAAA-162522		NT-2429	peat	24.29 - 24.31	25080 ± 90	-27.81 ± 0.51	25030 ± 90	28784 - 29384	29084
IAAA-162523		NT-2606	peaty silt	26.06 - 26.08	26710 ± 100	-27.66 ± 0.50	26670 ± 100	30690 - 31078	30884
IAAA-172565		NT-2757	organic soil	27.57 - 27.59	27860 ± 120	-27.81 ± 0.30	27810 ± 120	31250 - 31836	31543
IAAA-172566		NT-2774	organic silt	27.74 - 27.76	28150 ± 110	-29.32 ± 0.28	28080 ± 110	31446 - 32384	31915
IAAA-172567		NT-2942	peat	29.42 - 29.44	28640 ± 120	-30.02 ± 0.45	28550 ± 120	31967 - 33039	32503
IAAA-172568		NT-3005	peat	30.05 - 30.07	31210 ± 140	-28.44 ± 0.34	31150 ± 140	34686 - 35402	35044

表 3 GS-SOK-1コアの古地磁気測定結果
Table 3 Results of magnetic polarity of GS-SOK-1 core

Core	No.	Depth [m]	Range [mT]	Declination [°]	Inclination [°]	MAD [°]
GS-SOK-1	1	84.60	2.5 ~ 4.0	-129.03	21.08	9.38
GS-SOK-1	2	91.22	2.5 ~ 4.0	-50.18	47.01	0.80
GS-SOK-1	3	100.22	2.5 ~ 4.0	-126.92	51.45	2.96
GS-SOK-1	4	104.11	2.5 ~ 4.0	-94.46	56.41	1.66
GS-SOK-1	5	110.49	2.5 ~ 4.0	-146.60	57.76	1.23
GS-SOK-1	6	115.15	2.5 ~ 4.0	113.51	46.98	3.36
GS-SOK-1	7	126.74	2.5 ~ 4.0	-80.35	66.18	0.73
GS-SOK-1	8	128.00	2.5 ~ 4.0	-120.14	42.80	5.46
GS-SOK-1	9	128.84	2.5 ~ 4.0	58.57	78.40	7.72
GS-SOK-1	10	129.13	2.5 ~ 4.0	-123.92	61.08	8.11