

Paléomagnétisme dans la virgation des Corbières

Résultats obtenus dans les sites et groupe de sites, avec indication de la localisation précise des sites l'âge et/ou le faciès dans chaque site (Roche), la déclinaison (Dg), l'inclinaison (Ig) en coordonnées géographiques, la déclinaison (Dr), l'inclinaison (Ir) et les paramètres de Fisher (kr et α_{95r}) de la réaimantation pour la correction optimale de pendage, de l'azimut et du pendage actuel (Az, P) et lors de l'acquisition de la réaimantation (Azr, Pr). Les caractères normaux (italiques) correspondent aux données obtenues par la méthode des petits cercles (déplissement progressif ou absence de correction structurale – voir le texte). Dg, Ig, Dr, Ir, α_{95r} , Az, P, Azr et Pr en degrés.

Obtained results in the sites and clusters of sites, with age and/or facies indication (Roche), declination (Dg), inclination (Ig) in geographical coordinates declination (Dr), inclination (Ir) and Fisher parameters (kr et α_{95r}), of the remagnetization for the optimal unfolding, azimuth and dip, present (Az, P) and during remagnetization acquisition (Azr, Pr). The normal type (italics) corresponds to data obtained by the small circles method (progressive unfolding or lack of structural correction– see text). Dg, Ig, Dr, Ir, α_{95r} , Az, P, Azr et Pr in degrees.

Site		Localisation	Roche	N/No	Dg	Ig	Dr	Ir	kr	α_{95r}	Az/P	Azr/Pr	% d.
Bassin de Quillan													
Pique de Bec	1	42°51'57.62"N 2°16'01.58"E	Albien	6/11	5.9	54.6	9.5	60.2	2 5	11.5	165/20	165/13	30
Route St Julia	2	42°51'55.25"N 2°13'37.01"E	"	7/10	-11.1	57.2	11.5	62.0	48	7 .6	110/20	110/6	70
Route St Louis	3	42°51'51.54"N 2°13'39.87"E	"	5/6	-7.4	44.2	15.6	56.6	32	11. 1	130/25	130/1	95
Quillan E	1-3			18/27			12.3	59.6	645	3.2			49
Ginolès N virage	4	42°52'17.26"N 2°09'13.96"E	Albien	12/23	-8.2	24.8	-4.7	53 .0	225	2.7	165/37	165/8	77
Carrière haut	5	42°52'29.65"N 2°12'09.27"E	"	5/10	-32.7	62.1	-5.8	60.6			65/ 28	65/713	52
Carrière bas	5	42°52'29.91"N 2°12'11.55"E	"	3/10	-7.4	54.9	-7.6	55.0			40/4 0	40/40	0
Carrière pli	6	42°52'34.16"N 2°12'14.09"E	"	4/7	-39.3	40.4	-11.6	46.0			75/ 45	75/16	65
Pierre Lys	8	42°50'36.12"N 2°12'11.50"E		10/11	-155.1	34.4	-21.7	51.3	2 56	2.8	5/105	5/15,4	85
Quillan W	4-8			34/61			-10.6	53.3	144	5.2			93
Quillan village	7	42°52'40.90"N 2°11'21.18"E	Albien	9/15	-111.0	65.9	-61.5	59.2	36	7.8	350/28	350/3	90
Synclinal de St Paul de Fenouillet													
Caudiès	9	42°49'16.63"N 2°21'42.06"E	Albien	11/12	-65.2	58.8	2.7	66 .7	222	2.8	70/46	70/13	71
Lapradelle S	10	42°48'40.69"N 2°15'16.00"E	"	11/12	-117.9	68.7	-18.7	61.3	397	2.1	15/60	15/21	66
Lapradelle a N	11	42°48'40.80"N 2°16'55.18"E	"	8/12	4.3	0.1	21.3	61.6	144	3.7	170/65	350/0	100
Lapradelle b N	11	"	"	2/3	1.3	-1.5	15.5	62.9			170/85	170/18	79
Galamus1 bas	12	42°49'33.25"N 2°29'48.57"E	"	6/10	-21.6	17.6	-2.6	65.7	24	7 .7	145/30	325/21	170
Galamus 1 médian	13	42°49'55.64"N 2°29'48.38"E	"	2/2	-20.6	29.4	-9.0	66.6			150/ 35	330/3	109
Galamus 1 haut	14	42°50'06.70"N 2°29'31.60"E	"	1/2	-3.2	9.8	-0.8	64.9			175/55	355/0	100
Galamus 2	14	"	"	1/2	-4.5	24.0	-3.9	64.9			175/65	175/24	63
Fenouillède W	9-14			42/55			0.7	64.8	177	3.7			84
Mas Devèze	15	42°49'29.42"N 2°42'01.95"E	Albien	11/13	-135.2	86.3	-24. 8	46.2	32	7.4	340/50	340/5	91
Maury D19 sud	16	42°49'22.98"N 2°35'11.83"E	"	3/6	-33.2	51.9	-24.2	47.3	23	1 6.7	30/50	30/41	18
Maury D19 nord	17	42°49'31.38"N 2°35'10.58"E	"	8/15	-11.7	-0.2	-28.0	45.0	30	9.1	200/40	20/16	141
Fenouillède E	15-17			22/34			-25.7	46.2	2023	1.8			62

Site		Localisation	Roche	N/No	Dg	Ig	Dr	Ir	kr	$\alpha_{95}r$	Az/P	Azr/Pr	% d.
Courbure de l'Arago													
L'Arago 1a, fl. nord	18	42°49'50.05"N 2°43'20.05"E	Albien	5/4	-39.2	17.3	-59.3	60 .3	161	4.7	160/20	340/28	240
L'Arago 1b, fl. nord	19	42°49'42.86"N 2°43'03.44"E	"	4/6	-44.7	26.4	-71.3	48.3	174	6.0	180/30	0/9	130
L'Arago 2 fl. sud	20	42°49'26.43"N 2°42'48.73"E	"	11/12	-177.9	70.0	-37.8	65.1	51	5.9	340/60	340/17	71
Vingrau 1 village	21	42°50'44.89"N 2°46'36.90"E	"	8/8	-35.3	57.7	-60.5	59.6	9	13 .1	215/38	215/23	40
Vingrau 2 fl. est	22	42°51'21.99"N 2°46'50.98"E	"	12/19	-68.7	65.4	-71.0	63.4	1 6	10.1	255/40	255/37	6
Vingrau 3 fl. ouest	23	42°50'57.59"N 2°46'19.79"E	"	7/13	55.9	85.5	-57.3	59.7	11	1 2.2	115/20	115/52	-162
Vingrau	21-23			27/40			-62.6	62.0	450	3.8			-26
Arago + Vingrau	18-23			47/62			-60.6	59.9	95	5.9			93
Synclinal d'Opoul													
Mas Farine	24	42°51'54.95"N 2°49'04.14"E	Aptien inf,	15/15	-10.2	47.1	-13.9	44.9	285		110/21	110/25	-20
Château	25	42°52'32.84"N 2°50'52.09"E	"	6/9	-18.3	52.8	-17.9	51.8	191		180/35	180/36	-3
Ginnevedre	26	42°52'21.30"N 2°51'21.49"E	Aptien sup,	12/16	46.9	77.5	-3 4.2	53.4	188		305/38	305/1	99
Ferrailleur	27	42°51'19.58"N 2°49'55.43"E	"	6/11	64.5	74.2	-26.5	51.5	175		310/35	130/8	122
Encaissant sup,	28	42°51'47.81"N 2°49'02.69"E	"	11/16	-28.3	38.4	-25.4	51.1	9 9		140/28	140/15	46
Sill	28	"	Lamprophyre	15/19	-20.8	59.2	-24.5	50.9	59		140/28	140/37	-31
Encaissant inf,	29	42°51'50.46"N 2°49'03.92"E	Calc,silicifié	3/7	-31.7	39.5	-2 3.1	50.7	197		115/21	115/7	67
Opoul Périllos	24-29			68/93			-23.4	50.8	271	3.2			35
Anticlinal de Fitou													
Sortie village S	30	42°53'34.34"N 2°59'09.79"E	Berriasien	10/11	164.6	41.9	14 7.8	61.6	108	4.3	10,/30	10/7	78
Sortie village E1	31	42°53'41.14"N 2°59'00.72"E	"	2/2	171.3	54.5	154.1	64.0			30/ 20	30/6	69
Sortie village E2	31	"	"	4/4	172.6	55.6	151.7	59.2	267	4.3	55/27	55/13	52
Sortie village E3	31	"	"	3/3	164.0	52.7	148.6	60.2	103	8.0	30,/10	210/3	126
Sortie village E4	31	"	"	3/4	156.9	33.1	162.7	62.8	124	7.2	330/22	150/8	137
Piste Pech Maurel	32	42°53'22.51"N 2°58'27.38"E	Néocomien	8/9	-128.9	59.1	141. 9	71.5	31	8.9	83/45	83/8,3	82
Route Opoul gauche	33	42°53'22.02"N 2°57'24.75"E	"	5/5	-173.3	52.3	153.5	64.4	14 9	5.1	50/20	230/3	115
Route Opoul droite	33	"	"	4/4	144.3	34.2	139.6	63.0	650	2.7	330/35	330/6	83
Bergerie d'Embre 1	34	42°52'29.12"N 2°55'51.17"E	"	3/5	141.7	38.8	146.9	64.0	24	1 6.7	135/30	135/55	-85
Bergerie d'Embre 2	34	"	"	4/5	140.8	54.8	138.3	62.9	28	13.1	150/30	150/38	-27
Tennis Fitou 1	35	42°53'54.42"N 2°59'11.40"E	"	3/3	-141.7	83.8	162.7	62.8	63 8	3.2	150/10	330/14	244
Tennis Fitou 2	35	"	"	3/3	-110.1	77.6	175.8	60.9	1464	2.1	150/5	330/24	576
Butte	36	42°53'23.60"N 2°58'26.02"E	Dogger	7/8	-129.7	72.0	157.9	6 1.9	102	5.2	120/33	120/4	89
Capitelle	37	42°53'39.34"N 2°57'27.69"E	"	6/8	154.1	59.2	155.3	63.2	15	1 4.6	325/18	325/14	22
Fitou sédimentaire	30-37			65/74			152.9	63.4	225	2.5			208

Site		Localisation	Roche	N/No	Dg	Ig	Dr	Ir	kr	α_{95}^r	Az/P	Azr/Pr	% d.
Cimetière	38	42°53'25.03"N 2°58'20.30"E	Trias	5/10	172.3	-42.5			193	-21.8	60/37		
Sortie village W	39	"	Syénite	11/13	166.0	50.1							
Sortie village W	40	42°53'28.94"N 2°58'11.99"E	"	19/26	133.4	44.8							
Vigne	41	42°53'12.07"N 2°58'03.11"E	Faïlle Matrice	6/6	129.5	46.4							
Faïlle N50 contact	41	"	Faïlle Eléments	6/6	40.4	-22.6							
syénite et crétacé		"	"	1/1	-15.2	48.0							
		"	"	1/1	143.5	-8.9							
Le Correts 1	42	42°53'05.63"N 2°56'27.92"E	Syénite	16/16	-135.3	40.2							
Les Correts 2	43	42°53'03.36"N 2°56'28.29"E	"	6/12	-146.7	6.8							
Leucate Plage	44	42°54'27.76"N 3°01'07.79"E	Dogger	6/6	-20.5	71.3	-16.5	58.9	135	4.9	170/18	170/5	70
Tramontane	45	42°53'42.05"N 2°58'47.09"E	Berriasien	8/8	191.1	36.7	-154.0	59.0	38	8.0	350/40	350/14	65
Treilles													
Mon, Montouillé,	46	42°54'12.74"N 2°50'24.78"E	Berriasien	6/10	127.7	73.1	-81.3	63.1	66	5.8	290/45	290/2	95
Bergerie Banet	47	42°53'10.63"N 2°53'56.70"E	"	9/10	162.1	71.5	-106.4	59.2	89	5.0	285/35	285/2	106
Vir, Treilles 1	48	42°54'46.78"N 2°56'11.07"E	"	7/7	-91.1	51.8	-87.1	62.9	105	4.2	78/25	78/14	63
Vir, Treilles 2	48	"	"	5/7	-90.3	53.4	-85.7	66.8	120	3.1	75/30	75/20	47
Lanzinet	49	42°54'54.45"N 2°57'09.36"E	"	7/14	-58.8	68.4	-63.6	61.8	67	6.5	100/37	100/44	-19
Treilles S	46-49			34/48			-85.2	62.7	119	5.7			43
Embre Castelmaure	50	42°55'35.67"N 2°48'57.14"E	Dogger	10/13	-31.1	45.3	-32.3	70.0	108	4.3	150/25	150/1	99
	50	"	"	8/12	-25.4	50.1	-30.2	70.1	373	2.6	160/7	340/13	288
Embre Castelmaure	50			18/25			-31.2	70.0					129
Terres noires	51	42°54'43.66"N 2°54'32.48"E	Dogger dol.	6/10	153.1	38.3	-35.0	59.0	101	5.7	330/94	330/14	85
D27 Cave Laborde 1	52	42°55'29.20"N 2°57'33.51"E	Dogger calc	6/10	-42.8	46.3	-40.5	58.3	224	3.6	130/25	310/13	49
D27 Cave Laborde 2	52	"	"	5/6	-14.2	57.6	-16.8	54.5	396	3.1	315/22	315/18	16
Chemin	52	"	Dogger dol,	7/12	-64.5	39.4	-27.9	56.2	156	4.2	70/25	250/10	141
Route Treilles	52			18/28			-28.0	56.7	142	6.8			51

Site		Localisation	Roche	N/No	Dg	Ig	Dr	Ir	kr	α_{95}^r	Az/P	Azr/Pr	% d.
Feuilla													
La Palme W 1	53	42°57'16.01"N 2°58'0.61"E	Berriasien	1/2	-51.6	56.2	-46.4	61.4			100/23	100/17	26
La Palme W 2	53	"	"	3/3	-35.9	57.9	-33.7	60.7	228	5.4	120/16	120/13	20
La Palme W 3	53	"	"	3/4	-53.7	60.5	-52.6	63.0	219	5.5	110/24	110/21	11
Combe Nègre	54	42°57'00.39"N 2°57'09.99"E	" fl. normal	9/9	-68.7	63.7	- 58.7	66.8	53	6.4	60/35	60/29	5
idem Charnière	54	"	" charnière	4/4	-92.1	67.6	-55.4	62.5	239	4.5	0/35	0/17,7	37
idem flanc inverse	54	"	" fl.inverse	7/7	152.3	6.7	-35.4	65.2	15	13.8	330/130	330/22	81
OK Coral 1	55	42°56'33.39"N 2°54'34.73"E	Dogger	6/9	-91.8	62.7	-58.6	71.2	226	3.8	45/26	45/10	44
OK Coral 2	55	"	"	5/5	-103.2	58.4	-82.8	75.5	457	2.9	60/30	60/11	51
OK Coral 3	55	42°56'33.35"N 2°54'33.04"E	"	2/5	-99.4	50.0	-54.5	65.2			40/ 32	40/2	80
Ruisseau de Fournial	56	42°57'22.72"N 2°52'12.20"E	Dom.-Toarcien	10/11	-83.0	41.7	-50.6	56.3	142	4.8	50/30	230/4	87
Col de Combe	57	42°56'13.94"N 2°53'28.42"E	Carixien	10/10	-163.6	54.8	-4 7.9	65.3	63	5.6	350/65	350/13	74
filon Coral W	58	42°56'31.13"N 2°54'19.36"E	Lamprophyre	4/6	-146.4	60.0	- 57.2	61.9	27	8.7	350/65	350/22	59
Font Couverle OC1	59	42°56'28.70"N 2°54'35.23"E	Carixien	4/4	-138.1	9.5	-55.5	61.7	356	3.7	15/63	195/27	134
Font Couverle OC2	59	"	"	2/2	-124.2	5.2	-59.2	53.6			20/60	200/31	144
Font Couverle OC3	59	"	"	4/4	-132.1	12.2	-59.2	56.5	214	4.9	15/70	195/16	115
Moulin Feuilla SC1	60	42°55'55.96"N 2°54'56.51"E	Carixien	6/7	-122.3	47.7	-51.1	71.5	78	6.5	30/35	210/7	105
Moulin Feuilla SC2	60	"	"	4/4	-115.6	42.2	-57.3	57.9	78	7.9	20/29	200/17	142
Serre de la Bruyère	61	42°56'09.09"N 2°54'21.42"E	Permo-Trias	14/15	-70.3	57.2	-66.0	55.8	72	4.4	355/30	355/27	4
Valdria	53-61			98/111			-54.1	63.2	121	3.0			73
Monoclinal de Fraissé des Corbières													
Col de Souil NE	62	42°59'24.36"N 2°53'36.10"E	Berriasien	10/11	-63.4	68.9	-7 9.4	61.0	200	3.1	65/20	65/31	-54
Combe Loubière	63	42°58'52.01"N 2°52'04.30"E	Dogger,dol,	2/3	-106.4	51.9	- 79.7	58.1	303	4.6	15/60	15/41	32
	63	"	Dogger,calc,	5/6	-99.3	69.7	-93.9	71.1	70	7.5	30/30	30/28	8
Estrong de la vieille	64	42°58'43.91"N 2°52'25.50"E	Dogger dol,	7/9	-126.2	48.2	- 81.9	57.1	501	2.4	0/40	0/7	83
Virage côte 248	65	42°58'40.93"N 2°52'07.86"E	"	11/12	-101.1	55.2	-84.8	64.1	317	2.4	40/45	40/32	29
Peyremale Flanc N	66	42°58'26.01"N 2°52'22.23"E	"	9/9	-123.9	49.9	-92.4	70.4	17 9	3.5	210/40	210/66	-66
Peyremale Flanc S	67	42°58'23.59"N 2°52'24.83"E	"	13/14	-118.1	43.8	-80.3	55.4	91	3.9	10/40	10/7	81
Miraciels W	68	42°57'44.55"N 2°52'01.08"E	Dom.-Toarcien	10/10	-81.4	46.5	-69.0	55.1	84	4.8	55/25	55/12	53
Pereilles	69	42°58'19.05"N 2°52'12.20"E	Sinémurien	10/15	-78.8	54.1	- 72.9	57.6	329	3.2	55/28	55/23	19
Fraissé	62-69			77/89			-80.3	61.3	129	4.1			19
Haut Gléon, Mas Alader	70	43°02'25.58"N 2°53'49.35"E	Berriasien	6/12			-100 ?	52 ?					10 0
Gué de St Martin	71	42°59'28.43"N 2°56'24.85"E	Albien	8/8	-32.0	41.3	-18.9	63.3	48	7.1	130/25	130/1	96
Nord Chapelle	72	42°59'49.39"N 2°56'46.14"E	Lamprophyre	13/14	-19.0	49.3	-18.6	63.3	281	2.3	340/10	340/24	-58
Roquefort	71-72			21/22			-18.7	63.3					-15

Site		Localisation	Roche	N/No	Dg	Ig	Dr	Ir	kr	$\alpha_{95}r$	Az/P	Azr/Pr	% d.
Monoclinal chevauchant de Port la Nouvelle													
Carrière Lafarge	73	43°01'04.42"N 3°01'45.75"E	Berriasien	10/11	-6.8	49.9	-10 .1	55.6	145	3.6	195/13	195/7	48
Port la Nouvelle dr,	74	43°00'54.90"N 3°02'05.49"E	"	7/8	33.0	44.8	-8.7	55.9	95	5.4	265/60	265/27	57
Port la Nouvelle g,	75	43°00'54.73"N 3°02'05.47"E	"	10/14	20.9	29.7	-8.2	56.3	31	8 .0	236/47	236/8	83
Roumagny	76	42°59'03.61"N 3°00'37.95"E	"	7/7	-4.1	64.5	-7.9	55.8	92	5.5	340/5	160/4	179
Nouvelle E	73-76			34/40			-8.7	55.9	17549	0.5			73
Vabina 1	77	42°58'22.90"N 2°57'05.34"E	Berriasien	5/5	-47.6	64.1	-13. 4	64.2	133	5.4	60/20	60/4	81
Vabina 2	77	"	"	4/4	-41.0	52.8	-13.1	65.6	36	11.7	100/30	100/10	68
Vabina 3	77	"	"	3/5	-31.8	48.1	-12.0	64.9	59	9.1	120/30	120/9	70
Vestige pastoral	78	42°58'20.47"N 2°57'08.13"E	Néocomien	6/8	-57.3	64.2	-11.9	66.0	982	1.8	60/25	60/5	82
Nouvelle W	77-78			18/22			-12.6	65.2	9496	0.7			120
Lobe allochtone de Fonjoncouse													
Falaise escalade	79	43°02'41.40"N 2°46'22.09"E	Dogger dol.	4/9	-35.8	55.7	-3 1.3	60.3	58	9.2	115/20	115/15	27
Route N DT1	80	43°02'50.41"N 2°46'38.52"E	Toarcien	5/12	-61.3	58.5	-39.2	57.3	130	5.5	215/24	215/38	-57
Route E bretelle CD1	81	43°02'24.92"N 2°47'39.10"E	Carixien	8/11	-12.3	59.6	-33. 7	65.3	199	3.5	220/35	220/23	35
Péricalinal CD2	82	43°01'44.83"N 2°46'47.62"E	"	5/6	-0.4	51.4	-36.3	61.2	176	4 .7	230/17	50/8	147
Flanc S	83	43°01'43.59"N 2°46'49.05"E	"	5/7	1.0	35.2	-33.7	63.8	123	5. 6	210/32	30/7	121
Flanc N	84	43°01'45.07"N 2°46'52.65"E	"	6/10	160.1	53.1	-45.3	61.1	10 5	5.6	330/80	330/15	81
Fonjoncouse N	79-84			33/55			-36.3	61.6	557	2.4			51
Sud du lobe, 1	85	43°01'06.26"N 2°46'06.38"E	Domérien	3/3	-43.8	64.9	-19.0	57.3	67	9.9	30/16	30/0,6	96
Dôme métrique 2	86	"	"	3/3	-21.0	58.1	-20.1	56.6	577	3.4	0/2	0/0,6	80
"	86	"	"	3/3	-41.6	65.3	-23.1	55.6	521	3.5	15/12	195/2	118
"	86	"	"	2/3	-46.0	50.1	-22.0	51.5			60/16	240/3	121
"	86	"	"	4/4	-53.8	57.6	-20.5	63.6	81	7.8	70/22	70/3	87
"	86	"	"	1/2	-32.7	40.4	-17.1	54.7			110/10	290/10	199
Fonjoncouse S	85-86			16/18			-20.3	56.6	377	2.9			100
Lobe allochtone d'Ornaisons													
Eoliennes nord	87	43°11'44.04"N 2°52'32.85"E	Dogger dol.	10/10	134.7	78.1	-52.0	61.6	254	2.8	310/40	130/0	100
Eoliennes sud	88	43°11'31.13"N 2°52'34.51"E	Dogger, calc,	4/8	2.4	67.4	-31.8	59.3	44	10.5	280/25	280/7	74
Pech Narbounès	89	43°09'57.06"N 2°53'54.81"E	"	9/9	-61.1	68.0	-32.6	62.2	191	3.4	20/10	200/4	142
Bizanet la Caguillo 1	90	43°10'06.10"N 2°52'54.30"E	Carixien	4/5	-20.0	44.6	-40.3	5 6.3	412	3.1	205/40	205/20	50
Bizanet la Caguillo 2	90	"	"	4/6	-9.1	42.4	-15.8	64.6	511	3.1	180/47	180/24	48
ZI Montredon	91	43°11'10.36"N 2°55'55.65"E	"	4/4	-49.4	58.4	-35.5	58.8	156	5.6	50/15	50/6	57
	91	"	"	1/4	-40.7	60.8	-35.2	60.4			45/5	45/1	62
Ornaisons N	87-91			36/46			-35.1	60.8	199	3.8			67
Sud N113 1	92	43°11'27.12"N 2°53'33.93"E	Sinémurien	6/6	-179.9	72.1	- 152.0	73.9	137	4.9	296/30	296/21	29
Sud N113 2	92	"	"	1/1	150.7	70.7	-154.1	67.3			260/25	260/5	82
Sud N113 3	92	"	"	2/2	-154.0	63.4	-148.8	64.4			320/10	320/7	64
Sud N113 4	92	"	"	2/3	176.8	67.8	-155.8	65.6			270/30	270/18	40
Sud N113 5	92	"	"	1/2	-161.4	69.7	-151.8	68.8			280/15	280/11	25
N113	92			12/14			-152.5	68.0	441	3.0			34

[illegible]