Table 1. Ichnodiversity, number of behaviour and amount of ber

Outcrop	No. tering	Ichnofabric code	ID	NB	AT
PAL-3	1	01-Op-07 01-Ch-03	4	3	2
PAL-3	2	01-Pa-03 01-Ch-04	3	2	2
PAL-3	3	01-Op-08	1	1	1
PAL-3	4	01-Pa-02 01-Ch-02	7	3	2
PAL-3	5	01-Op-05 01-Ch-01	6	3	2
PAL-3	6	01-Lft-m	1	1	1
PAL-3	7	01-Lft-l	1	1	1
PAL-3	8	01-Lft-k	1	1	1
PAL-3	9	01-Lft-j	1	1	1
PAL-3	10	01-Lft-i	1	1	1
PAL-3	11	01-Lft-h	1	1	1
PAL-3	12	01-Lft-g	1	1	1
PAL-3	13	01-Lft-f	1	1	1
PAL-3	14	01-Lft-e	1	1	1
PAL-3	15	01-Lft-d	1	1	1
PAL-3	16	01-Sk-02b	2	2	1
PAL-3	17	01-Sk-02a	2	2	1
PAL-3	18	01-Pl-02	3	3	1
PAL-3	19	01-Op-04	3	2	1
PAL-3	20	01-Sk-01	2	2	1
PAL-3	21	01-Sk-14	2	1	1
PAL-3	22	01-Rh-03	3	2	1
PAL-3	23	01-ut	1	1	1
PAL-3	24	01-Lft-c	1	1	1
PAL-3	25	01-Lft-b 01-Th-01 01-Rh-02 01-Zo-01	2	4	4
PAL-3	26	01-Pa-01 01-Op-03	5	2	2
PAL-3	27	01-Lft-a 01-Rh-01	4	1	2
PAL-3	28	01-Op-06a	1	1	1
PAL-3	29	01-Op-06d	1	1	1
PAL-3	30	01-Op-06c	1	1	1
PAL-3	31	01-Op-06b	1	1	1
PAL-3	32	01-Op-06e	1	1	1
PAL-3	33	01-Op-01	2	2	1
TAM-2	34	03-Th-10 03-Th-03f	3	3	2
TAM-2	35	03-Sk-15	4	1	1
TAM-2	36	03-Th-11	2	1	1
TAM-2	37	03-Pa-16 03-Op-11	6	2	2
TAM-2	38	03-Pa-17 03-Ch-04e	7	4	2
TAM-2	39	03-Ma-05	4	2	1
TAM-2	40	03-Ma-06	4	2	1
TAM-2	41	03-Ma-07	1	1	1
TAM-2	42	03-Op-12 03-Ch-04d	3	2	2
TAM-2	43	03-Op-13	3	1	1
TAM-2	44	03-Pa-18	3	2	1
TAM-2	45	03-Op-20 03-Ma-08	5	3	2
TAM-2	46	03-Pa-13	3	2	1
TAM-2	47	03-Ma-04	4	2	1
TAM-2	48	03-Ma-03	1	1	1
TAM-2	49	03-Ma-02	4	1	1
TAM-2	50	03-Pl-15 03-Ch-07b	6	3	2
TAM-2	51	03-Pa-01f 03-Sk-13	3	1	2
TAM-2	52	03-Th-09	4	3	1
TAM-2	53	03-Pl-16	3	2	1
TAM-2	54	03-Pl-14b	3	2	1
TAM-2	55	03-Ma-01 03-Op-08b	4	2	2
TAM-2	56	03-Pl-13	4	3	1
TAM-2	57	03-Pl-12	3	3	1
TAM-2	58	03-Pl-07b	4	3	1
TAM-2	59	03-Pl-11	2	2	1
TAM-2	60	03-Pl-10	3	2	1
TAM-2	61	03-Pa-01e	1	1	1
TAM-2	62	03-Pl-09 03-Ch-07a	4	2	2
TAM-2	63	03-Pl-08	2	2	1
TAM-2	64	03-Th-03e	1	1	1
TAM-2	65	03-Sk-12	4	3	1
TAM-2	66	03-Pl-07a	4	3	1
TAM-2	67	03-Sk-11	2	2	1
TAM-2	68	03-Pl-14a 03-Ch-04c	3	2	2
TAM-2	69	03-Pa-12	3	1	1
TAM-2	70	03-Th-03d	1	1	1
TAM-2	71	03-He-01c 03-Sk-10	4	3	2
TAM-2	72	03-He-01b	1	1	1
TAM-2	73	03-Al-01 03-Th-03c	5	1	2
TAM-2	74	03-Pa-01d	1	1	1
TAM-2	75	03-Th-07	2	1	1
TAM-2	76	03-He-01a	1	1	1
TAM-2	77	03-Pa-01c	1	1	1
TAM-2	78	03-Th-03b	1	1	1
TAM-2	79	03-Th-06	2	2	1
TAM-2	80	03-Pl-04b	2	2	1
TAM-2	81	03-Th-06	5	2	1
TAM-2	82	03-Sk-04	2	1	1
TAM-2	83	03-Pl-01e	1	1	1
TAM-2	84	03-Zo-03	7	3	1
TAM-2	85	03-Pa-06	3	2	1
TAM-2	86	03-Pa-07	2	1	1
TAM-2	87	03-Op-09b	2	1	1
TAM-2	88	03-Sk-05b	1	1	1
TAM-2	89	03-Pa-14	2	1	1
TAM-2	90	03-Th-03a	1	1	1
TAM-2	91	03-Zo-01	2	1	1
TAM-2	92	03-Pa-08	3	2	1
TAM-2	93	03-Pa-09	2	2	1
TAM-2	94	03-Pa-10 03-Op-08a	3	2	2
TAM-2	95	03-Sk-08 03-Pa-11	3	1	2
TAM-2	96	03-Pl-05	2	2	1
TAM-2	97	03-Pl-06	2	1	1
TAM-2	98	03-Pa-01b	1	1	1
TAM-2	99	03-Pa-01a	1	1	1
TAM-2	100	03-Pl-01d	1	1	1
TAM-2	101	03-Pl-01c	1	1	1
TAM-2	102	03-Sk-05a	1	1	1
TAM-2	103	03-Ar-01	4	1	1
TAM-2	104	03-Sk-07	3	1	1
TAM-2	105	03-Sk-08	2	1	1
TAM-2	106	03-Pl-04a	2	2	1
TAM-2	107	03-Op-09a	2	1	1
TAM-2	108	03-Th-04 03-Ch-04b	3	2	2
TAM-2	109	03-Pl-01b	1	1	1
TAM-2	110	03-Pl-01a	1	1	1
TAM-2	111	03-Sk-09	2	1	1
TAM-2	112	03-Sb-02	2	2	1
TAM-2	113	03-Op-01	2	2	1
TAM-2	114	03-Ch-04a	1	1	1
TAM-2	115	04-Ch-04c	1	1	1
MAN-2	116	04-Sk-05b 04-Te-03	5	2	2
MAN-2	117	04-Sk-04	2	1	1
MAN-2	118	04-Th-04b	2	1	1
MAN-2	119	04-Op-08d	1	1	1
MAN-2	120	04-Op-08c	1	1	1
MAN-2	121	04-Op-08b	1	1	1
MAN-2	122	04-Op-08a	1	1	1
MAN-2	123	04-Th-02	3	2	1
MAN-2	124	04-Pl-03	2	2	1
MAN-2	125	04-Sk-05a	1	1	1
MAN-2	126	04-Ch-04b	1	1	1
MAN-2	127	04-Pa-07	2	1	1
MAN-2	128	04-Ch-05	2	2	1
MAN-2	129	04-Op-06b	2	2	1
MAN-2	130	04-Te-02	3	1	1
MAN-2	131	04-Pa-04	5	2	1
MAN-2	132	04-Pa-01d	1	1	1
MAN-2	133	04-Pa-01c	1	1	1
MAN-2	134	04-Th-03b	1	1	1
MAN-2	135	04-Th-04a	2	1	1
MAN-2	136	04-Pa-05 04-Zo-02	7	3	2
MAN-2	137	04-Pa-01b 04-Th-05 04-Op-06a	4	3	3
MAN-2	138	04-Sk-03 04-Ch-04a	6	3	2
MAN-2	139	04-Pa-01a	1	1	1
MAN-2	140	04-Te-01	1	1	1
MAN-2	141	04-Th-03a	1	1	1
BER-1	142	05-Sk-02y	1	1	1
BER-1	143	05-Op-08l	1	1	1
BER-1	144	05-Th-08	2	2	1
BER-1	145	05-Sk-01x	1	1	1
BER-1	146	05-Sk-02w	1	1	1
BER-1	147	05-Pa-01b	1	1	1
BER-1	148	05-Pl-01b	1	1	1
BER-1	149	05-Op-08k	1	1	1
BER-1	150	05-Op-08j	1	1	1
BER-1	151	05-Op-08i	1	1	1
BER-1	152	05-Op-08h	1	1	1
BER-1	153	05-Op-08g	1	1	1
BER-1	154	05-Op-08f	1	1	1
BER-1	155	05-Sk-05v 05-Op-08e	2	1	2
BER-1	156	05-Th-03b	1	1	1
BER-1	157	05-Pl-01a	1	1	1
BER-1	158	05-Pa-01f	1	1	1
BER-1	159	05-He-01 05-Th-07	3	2	2
BER-1	160	05-Sk-04d	2	1	1
BER-1	161	05-Pa-07	2	1	1
BER-1	162	05-Pa-01e	1	1	1
BER-1	163	05-Sk-14	2	1	1
BER-1	164	05-Sk-05u	1	1	1
BER-1	165	05-Pa-01d	1	1	1
BER-1	166	05-Sk-05t	1	1	1
BER-1	167	05-Sk-05s	1	1	1
BER-1	168	05-Sk-04c	2	1	1
BER-1	169	05-Sk-04b	2	1	1
BER-1	170	05-Sk-05r	1	1	1
BER-1	171	05-Sk-05q	1	1	1
BER-1	172	05-Sk-05p	1	1	1
BER-1	173	05-Pa-01c	1	1	1
BER-1	174	05-Sk-05o	1	1	1
BER-1	175	05-Sk-05n	1	1	1
BER-1	176	05-Sk-01	1	1	1
BER-1	177	05-Pa-01a	1	1	1
BER-1	178	05-Sk-05m	1	1	1
BER-1	179	05-Th-03a	1	1	1
BER-1	180	05-Sk-15 05-Op-08d	4	1	2
BER-1	181	05-Sk-05l	1	1	1
BER-1	182	05-Sk-05k	1	1	1
BER-1	183	05-Sk-05j	1	1	1
BER-1	184	05-Sk-17	2	1	1
BER-1	185	05-Sk-05i	1	1	1
BER-1	186	05-Sk-05h	1	1	1
BER-1	187	05-Sk-05g	1	1	1
BER-1	188	05-Sk-05f	1	1	1
BER-1	189	05-Sk-05e	1	1	1
BER-1	190	05-Sk-04a	2	1	1
BER-1	191	05-Sk-05d	1	1	1
BER-1	192	05-Pa-01a	1	1	1
BER-1	193	05-Sk-05c	1	1	1
BER-1	194	05-Sk-05b	1	1	1
BER-1	195	05-Pa-15	2	2	1
BER-1	196	05-Op-08c	1	1	1
BER-1	197	05-Op-08c 05-Ch-04	2	2	2
BER-1	198	05-Op-08a	1	1	1
BER-1	199	05-Sk-05a	1	1	1

Table 2. Standarized data from table. 1

Outcrop	No. teiring	Ichnofabric code	ID	NB	AT
PAL-3	**1**	**01-Op-07** **01-Ch-03**	1.33	2.25	1.97
PAL-3	**2**	**01-Pa-03** **01-Ch-04**	0.63	0.80	1.97
PAL-3	**3**	**01-Op-08**	-0.76	-0.64	-0.39
PAL-3	**4**	**01-Pa-02** **01-Ch-02**	3.41	2.25	1.97
PAL-3	**5**	**01-Op-05** **01-Ch-01**	2.72	2.25	1.97
PAL-3	**6**	**01-Ul-m**	-0.76	-0.64	-0.39
PAL-3	**7**	**01-Ul-l**	-0.76	-0.64	-0.39
PAL-3	**8**	**01-Ul-k**	-0.76	-0.64	-0.39
PAL-3	**9**	**01-Ul-j**	-0.76	-0.64	-0.39
PAL-3	**10**	**01-Ul-i**	-0.76	-0.64	-0.39
PAL-3	**11**	**01-Ul-h**	-0.76	-0.64	-0.39
PAL-3	**12**	**01-Ul-g**	-0.76	-0.64	-0.39
PAL-3	**13**	**01-Ul-f**	-0.76	-0.64	-0.39
PAL-3	**14**	**01-Ul-e**	-0.76	-0.64	-0.39
PAL-3	**15**	**01-Ul-d**	-0.76	-0.64	-0.39
PAL-3	**16**	**01-Sk-02b**	-0.06	0.80	-0.39
PAL-3	**17**	**01-Sk-02a**	-0.06	0.80	-0.39
PAL-3	**18**	**01-Pl-02**	0.63	2.25	-0.39
PAL-3	**19**	**01-Op-04**	0.63	0.80	-0.39
PAL-3	**20**	**01-Sk-01**	-0.06	0.80	-0.39
PAL-3	**21**	**01-Sk-14**	-0.06	-0.64	-0.39
PAL-3	**22**	**01-Rh-03**	0.63	0.80	-0.39
PAL-3	**23**	**01-ut**	-0.76	-0.64	-0.39
PAL-3	**24**	**01-Ul-c**	-0.76	-0.64	-0.39
PAL-3	**25**	**01-Ul-b** **01-Th-01** **01-Rh-02** **01-Zo-01**	-0.06	3.69	6.69
PAL-3	**26**	**01-Pa-01** **01-Op-03**	2.02	0.80	1.97
PAL-3	**27**	**01-Ul-a** **01-Rh-01**	1.33	-0.64	1.97
PAL-3	**28**	**01-Op-08e**	-0.76	-0.64	-0.39
PAL-3	**29**	**01-Op-08d**	-0.76	-0.64	-0.39
PAL-3	**30**	**01-Op-08c**	-0.76	-0.64	-0.39
PAL-3	**31**	**01-Op-08b**	-0.76	-0.64	-0.39
PAL-3	**32**	**01-Op-08a**	-0.76	-0.64	-0.39
PAL-3	**33**	**01-Op-01**	-0.06	0.80	-0.39
TAM-2	**34**	**03-Th-10** **03-Th-03f**	0.63	2.25	1.97
TAM-2	**35**	**03-Sk-15**	1.33	-0.64	-0.39
TAM-2	**36**	**03-Th-11**	-0.06	-0.64	-0.39
TAM-2	**37**	**03-Pa-16** **03-Op-11**	2.72	0.80	1.97
TAM-2	**38**	**03-Pa-17** **03-Ch-04e**	3.41	3.69	1.97
TAM-2	**39**	**03-Ma-05**	1.33	0.80	-0.39
TAM-2	**40**	**03-Ma-06**	1.33	0.80	-0.39
TAM-2	**41**	**03-Ma-07**	-0.76	-0.64	-0.39
TAM-2	**42**	**03-Op-12** **03-Ch-04d**	0.63	0.80	1.97
TAM-2	**43**	**03-Op-13**	0.63	-0.64	-0.39
TAM-2	**44**	**03-Pa-18**	0.63	0.80	-0.39
TAM-2	**45**	**03-Op-20** **03-Ma-08**	2.02	2.25	1.97
TAM-2	**46**	**03-Pa-13**	0.63	0.80	-0.39
TAM-2	**47**	**03-Ma-04**	1.33	0.80	-0.39
TAM-2	**48**	**03-Ma-03**	-0.76	-0.64	-0.39
TAM-2	**49**	**03-Ma-02**	1.33	-0.64	-0.39
TAM-2	**50**	**03-Pl-15** **03-Ch-07b**	2.72	2.25	1.97
TAM-2	**51**	**03-Pa-01f** **03-Sk-13**	0.63	-0.64	1.97
TAM-2	**52**	**03-Th-09**	1.33	2.25	-0.39
TAM-2	**53**	**03-Pl-16**	0.63	0.80	-0.39
TAM-2	**54**	**03-Pl-14b**	0.63	0.80	-0.39
TAM-2	**55**	**03-Ma-01** **03-Op-08b**	1.33	0.80	1.97
TAM-2	**56**	**03-Pl-13**	1.33	2.25	-0.39
TAM-2	**57**	**03-Pl-12**	0.63	2.25	-0.39
TAM-2	**58**	**03-Pl-07b**	1.33	2.25	-0.39
TAM-2	**59**	**03-Pl-11**	-0.06	0.80	-0.39
TAM-2	**60**	**03-Pl-10**	0.63	0.80	-0.39
TAM-2	**61**	**03-Pa-01e**	-0.76	-0.64	-0.39
TAM-2	**62**	**03-Pl-09** **03-Ch-07a**	1.33	0.80	1.97
TAM-2	**63**	**03-Pl-08**	-0.06	0.80	-0.39
TAM-2	**64**	**03-Th-03e**	-0.76	-0.64	-0.39
TAM-2	**65**	**03-Sk-12**	1.33	2.25	-0.39
TAM-2	**66**	**03-Pl-07a**	1.33	0.80	-0.39
TAM-2	**67**	**03-Sk-11**	-0.06	0.80	-0.39
TAM-2	**68**	**03-Pl-14a** **03-Ch-04c**	0.63	0.80	1.97
TAM-2	**69**	**03-Pa-12**	0.63	-0.64	-0.39
TAM-2	**70**	**03-Th-03d**	-0.76	-0.64	-0.39
TAM-2	**71**	**03-He-01c** **03-Sk-10**	1.33	2.25	1.97
TAM-2	**72**	**03-He-01b**	-0.76	-0.64	-0.39
TAM-2	**73**	**03-Al-01** **03-Th-03c**	2.02	-0.64	1.97
TAM-2	**74**	**03-Pa-01d**	-0.76	-0.64	-0.39
TAM-2	**75**	**03-Th-07**	-0.06	-0.64	-0.39
TAM-2	**76**	**03-He-01a**	-0.76	-0.64	-0.39
TAM-2	**77**	**03-Pa-01c**	-0.76	-0.64	-0.39
TAM-2	**78**	**03-Th-03b**	-0.76	-0.64	-0.39
TAM-2	**79**	**03-Th-05**	-0.06	0.80	-0.39
TAM-2	**80**	**03-Pl-04b**	-0.06	0.80	-0.39
TAM-2	**81**	**03-Th-06**	2.02	0.80	-0.39
TAM-2	**82**	**03-Sk-04**	-0.06	-0.64	-0.39
TAM-2	**83**	**03-Pl-01e**	-0.76	-0.64	-0.39
TAM-2	**84**	**03-Zo-03**	3.41	2.25	-0.39
TAM-2	**85**	**03-Pa-06**	0.63	0.80	-0.39
TAM-2	**86**	**03-Pa-07**	-0.06	-0.64	-0.39
TAM-2	**87**	**03-Op-09b**	-0.06	-0.64	-0.39
TAM-2	**88**	**03-Sk-05b**	-0.76	-0.64	-0.39
TAM-2	**89**	**03-Pa-14**	-0.06	-0.64	-0.39
TAM-2	**90**	**03-Th-03a**	-0.76	-0.64	-0.39
TAM-2	**91**	**03-Zo-01**	-0.06	-0.64	-0.39
TAM-2	**92**	**03-Pa-08**	0.63	0.80	-0.39
TAM-2	**93**	**03-Pa-09**	-0.06	0.80	-0.39
TAM-2	**94**	**03-Pa-10** **03-Op-08a**	0.63	0.80	1.97
TAM-2	**95**	**03-Sk-06** **03-Pa-11**	0.63	-0.64	1.97
TAM-2	**96**	**03-Pl-05**	-0.06	0.80	-0.39
TAM-2	**97**	**03-Pl-06**	-0.06	-0.64	-0.39
TAM-2	**98**	**03-Pa-01b**	-0.76	-0.64	-0.39
TAM-2	**99**	**03-Pa-01a**	-0.76	-0.64	-0.39
TAM-2	**100**	**03-Pl-01d**	-0.76	-0.64	-0.39
TAM-2	**101**	**03-Pl-01c**	-0.76	-0.64	-0.39
TAM-2	**102**	**03-Sk-05a**	-0.76	-0.64	-0.39
TAM-2	**103**	**03-Ar-01**	1.33	-0.64	-0.39
TAM-2	**104**	**03-Sk-07**	0.63	-0.64	-0.39
TAM-2	**105**	**03-Sk-08**	-0.06	-0.64	-0.39
TAM-2	**106**	**03-Pl-04a**	-0.06	0.80	-0.39
TAM-2	**107**	**03-Op-09a**	-0.06	-0.64	-0.39
TAM-2	**108**	**03-Th-04** **03-Ch-04b**	0.63	0.80	1.97
TAM-2	**109**	**03-Pl-01b**	-0.76	-0.64	-0.39
TAM-2	**110**	**03-Pl-01a**	-0.76	-0.64	-0.39
TAM-2	**111**	**03-Sk-09**	-0.06	-0.64	-0.39
TAM-2	**112**	**03-Sb-02**	-0.06	0.80	-0.39
TAM-2	**113**	**03-Sb-01**	-0.06	0.80	-0.39
TAM-2	**114**	**03-Ch-04a**	-0.76	-0.64	-0.39
MAN-2	**115**	**04-Ch-04c**	-0.76	-0.64	-0.39
MAN-2	**116**	**04-Sk-05b** **04-Te-03**	2.02	0.80	1.97
MAN-2	**117**	**04-Sk-04**	-0.06	-0.64	-0.39
MAN-2	**118**	**04-Th-04b**	-0.06	-0.64	-0.39
MAN-2	**119**	**04-Op-08d**	-0.76	-0.64	-0.39
MAN-2	**120**	**04-Op-08c**	-0.76	-0.64	-0.39
MAN-2	**121**	**04-Op-08b**	-0.76	-0.64	-0.39
MAN-2	**122**	**04-Op-08a**	-0.76	-0.64	-0.39
MAN-2	**123**	**04-Th-02**	0.63	0.80	-0.39
MAN-2	**124**	**04-Pl-03**	-0.06	0.80	-0.39
MAN-2	**125**	**04-Sk-05a**	-0.76	-0.64	-0.39
MAN-2	**126**	**04-Ch-04b**	-0.76	-0.64	-0.39
MAN-2	**127**	**04-Pa-07**	-0.06	-0.64	-0.39
MAN-2	**128**	**04-Ch-05**	-0.06	0.80	-0.39
MAN-2	**129**	**04-Op-06b**	-0.06	0.80	-0.39
MAN-2	**130**	**04-Te-02**	0.63	-0.64	-0.39
MAN-2	**131**	**04-Pa-04**	2.02	0.80	-0.39
MAN-2	**132**	**04-Pa-01d**	-0.76	-0.64	-0.39
MAN-2	**133**	**04-Pa-01c**	-0.76	-0.64	-0.39
MAN-2	**134**	**04-Th-03b**	-0.76	-0.64	-0.39
MAN-2	**135**	**04-Th-04a**	-0.06	-0.64	-0.39
MAN-2	**136**	**04-Pa-05** **04-Zo-02**	3.41	2.25	1.97
MAN-2	**137**	**04-Pa-01b** **04-Th-05** **04-Op-06a**	1.33	2.25	4.33
MAN-2	**138**	**04-Sk-03** **04-Ch-04a**	2.72	2.25	1.97
MAN-2	**139**	**04-Pa-01a**	-0.76	-0.64	-0.39
MAN-2	**140**	**04-Te-01**	-0.76	-0.64	-0.39
MAN-2	**141**	**04-Th-03a**	-0.76	-0.64	-0.39
BER-1	**142**	**05-Sk-05y**	-0.76	-0.64	-0.39
BER-1	**143**	**05-Op-08l**	-0.76	-0.64	-0.39
BER-1	**144**	**05-Th-08**	-0.06	0.80	-0.39
BER-1	**145**	**05-Sk-05x**	-0.76	-0.64	-0.39
BER-1	**146**	**05-Sk-05w**	-0.76	-0.64	-0.39
BER-1	**147**	**05-Ps-01b**	-0.76	-0.64	-0.39
BER-1	**148**	**05-Pl-01b**	-0.76	-0.64	-0.39
BER-1	**149**	**05-Op-08k**	-0.76	-0.64	-0.39
BER-1	**150**	**05-Op-08j**	-0.76	-0.64	-0.39
BER-1	**151**	**05-Op-08i**	-0.76	-0.64	-0.39
BER-1	**152**	**05-Op-08h**	-0.76	-0.64	-0.39
BER-1	**153**	**05-Op-08g**	-0.76	-0.64	-0.39
BER-1	**154**	**05-Op-08f**	-0.76	-0.64	-0.39
BER-1	**155**	**05-Sk-05v** **05-Op-08e**	-0.06	-0.64	1.97
BER-1	**156**	**05-Th-03b**	-0.76	-0.64	-0.39
BER-1	**157**	**05-Pl-01a**	-0.76	-0.64	-0.39
BER-1	**158**	**05-Pa-01f**	-0.76	-0.64	-0.39
BER-1	**159**	**05-He-01** **05-Th-07**	0.63	0.80	1.97
BER-1	**160**	**05-Sk-04d**	-0.06	-0.64	-0.39
BER-1	**161**	**05-Pa-07**	-0.06	-0.64	-0.39
BER-1	**162**	**05-Pa-01e**	-0.76	-0.64	-0.39
BER-1	**163**	**05-Sk-14**	-0.06	-0.64	-0.39
BER-1	**164**	**05-Sk-05u**	-0.76	-0.64	-0.39
BER-1	**165**	**05-Pa-01d**	-0.76	-0.64	-0.39
BER-1	**166**	**05-Sk-05t**	-0.76	-0.64	-0.39
BER-1	**167**	**05-Sk-05s**	-0.76	-0.64	-0.39
BER-1	**168**	**05-Sk-04c**	-0.06	-0.64	-0.39
BER-1	**169**	**05-Sk-04b**	-0.06	-0.64	-0.39
BER-1	**170**	**05-Sk-05r**	-0.76	-0.64	-0.39
BER-1	**171**	**05-Sk-05q**	-0.76	-0.64	-0.39
BER-1	**172**	**05-Sk-05p**	-0.76	-0.64	-0.39
BER-1	**173**	**05-Pa-01c**	-0.76	-0.64	-0.39
BER-1	**174**	**05-Sk-05o**	-0.76	-0.64	-0.39
BER-1	**175**	**05-Sk-05n**	-0.76	-0.64	-0.39
BER-1	**176**	**05-Sk-01**	-0.76	-0.64	-0.39
BER-1	**177**	**05-Pa-01a**	-0.76	-0.64	-0.39
BER-1	**178**	**05-Sk-05m**	-0.76	-0.64	-0.39
BER-1	**179**	**05-Th-03a**	-0.76	-0.64	-0.39
BER-1	**180**	**05-Sk-16** **05-Op-08d**	1.33	-0.64	1.97
BER-1	**181**	**05-Sk-05l**	-0.76	-0.64	-0.39
BER-1	**182**	**05-Sk-05k**	-0.76	-0.64	-0.39
BER-1	**183**	**05-Sk-05j**	-0.76	-0.64	-0.39
BER-1	**184**	**05-Sk-17**	-0.06	0.80	-0.39
BER-1	**185**	**05-Sk-05i**	-0.76	-0.64	-0.39
BER-1	**186**	**05-Sk-05h**	-0.76	-0.64	-0.39
BER-1	**187**	**05-Sk-05g**	-0.76	-0.64	-0.39
BER-1	**188**	**05-Sk-05f**	-0.76	-0.64	-0.39
BER-1	**189**	**05-Sk-05e**	-0.76	-0.64	-0.39
BER-1	**190**	**05-Sk-04a**	-0.06	-0.64	-0.39
BER-1	**191**	**05-Sk-05d**	-0.76	-0.64	-0.39
BER-1	**192**	**05-Ps-01a**	-0.76	-0.64	-0.39
BER-1	**193**	**05-Sk-05c**	-0.76	-0.64	-0.39
BER-1	**194**	**05-Sk-05b**	-0.76	-0.64	-0.39
BER-1	**195**	**05-Pa-15**	-0.06	0.80	-0.39
BER-1	**196**	**05-Op-08c**	-0.76	-0.64	-0.39
BER-1	**197**	**05-Op-08c** **05-Ch-04**	-0.06	0.80	1.97
BER-1	**198**	**05-Op-08a**	-0.76	-0.64	-0.39
BER-1	**199**	**05-Sk-05a**	-0.76	-0.64	-0.39

Table 3. Factor scores of tiering on the PC-1 and PC-2

Outcrop	No. tiering	Ichnofabric code	PC-1	PC-2
PAL-3	1	01-Op-07 01-Ch-03	3.14	0.22
PAL-3	2	01-Pe-03 01-Ch-04	1.87	1.05
PAL-3	3	01-Op-08	-1.04	0.20
PAL-3	4	01-Pe-02 01-Ch-02	-0.50	-0.79
PAL-3	5	01-Op-05 01-Ch-01	3.96	-0.26
PAL-3	6	01-Ut-m	-1.04	0.20
PAL-3	7	01-Ut-l	-1.04	0.20
PAL-3	8	01-Uf-k	-1.04	0.20
PAL-3	9	01-Ut-j	-1.04	0.20
PAL-3	10	01-Uf-i	-1.04	0.20
PAL-3	11	01-Uf-h	-1.04	0.20
PAL-3	12	01-Uf-g	-1.04	0.20
PAL-3	13	01-Uf-f	-1.04	0.20
PAL-3	14	01-Uf-e	-1.04	0.20
PAL-3	15	01-Uf-d	-1.04	0.20
PAL-3	16	01-Sk-02b	0.23	-0.63
PAL-3	17	01-Sk-02a	0.23	-0.63
PAL-3	18	01-Pt-02	1.50	-1.47
PAL-3	19	01-Op-04	0.64	-0.87
PAL-3	20	01-Sk-01	0.23	-0.63
PAL-3	21	01-Sk-14	-0.63	-0.05
PAL-3	22	01-Rh-03	0.64	-0.87
PAL-3	23	01-ut	-1.04	0.20
PAL-3	24	01-Ut-c	-1.04	0.20
PAL-3	25	01-Ut-b 01-Th-01 01-Rh-02 01-Zo-01	5.63	3.96
PAL-3	26	01-Pe-01 01-Op-03	2.69	0.57
PAL-3	27	01-Uf-a 01-Rh-01	1.42	1.40
PAL-3	28	01-Op-06a	-1.04	0.20
PAL-3	29	01-Op-06d	-1.04	0.20
PAL-3	30	01-Op-06c	-1.04	0.20
PAL-3	31	01-Op-06b	-1.04	0.20
PAL-3	32	01-Op-08a	-1.04	0.20
PAL-3	33	01-Op-01	0.23	-0.63
TAM-2	34	03-Th-10 03-Th-03f	2.73	0.46
TAM-2	35	03-Sk-15	0.20	-0.53
TAM-2	36	03-Th-11	-0.63	-0.05
TAM-2	37	03-Pe-18 03-Op-11	3.10	0.33
TAM-2	38	03-Pe-17 03-Ch-04a	5.22	-1.09
TAM-2	39	03-Me-05	1.05	-1.11
TAM-2	40	03-Me-06	1.05	-1.11
TAM-2	41	03-Me-07	-1.04	0.20
TAM-2	42	03-Op-12 03-Ch-04d	1.87	1.05
TAM-2	43	03-Op-13	-0.22	-0.28
TAM-2	44	03-Pe-18	0.64	-0.87
TAM-2	45	03-Op-20 03-Me-08	3.55	-0.02
TAM-2	46	03-Pe-13	0.64	-0.87
TAM-2	47	03-Me-04	1.05	-1.11
TAM-2	48	03-Me-03	-1.04	0.20
TAM-2	49	03-Me-02	0.20	-0.53
TAM-2	50	03-Pt-15 03-Ch-07b	3.96	-0.26
TAM-2	51	03-Pe-01 03-Sk-13	1.01	1.64
TAM-2	52	03-Th-09	1.91	-1.71
TAM-2	53	03-Pt-16	0.64	-0.87
TAM-2	54	03-Pt-14b	0.64	-0.87
TAM-2	55	03-Me-01 03-Op-08b	2.28	0.81
TAM-2	56	03-Pt-13	1.91	-1.71
TAM-2	57	03-Pt-12	1.50	-1.47
TAM-2	58	03-Pt-07b	1.91	-1.71
TAM-2	59	03-Pt-11	0.23	-0.63
TAM-2	60	03-Pt-10	0.64	-0.87
TAM-2	61	03-Pe-01e	-1.04	0.20
TAM-2	62	03-Pt-09 03-Ch-07a	2.28	0.81
TAM-2	63	03-Pt-08	0.23	-0.63
TAM-2	64	03-Th-03e	-1.04	0.20
TAM-2	65	03-Sk-12	1.91	-1.71
TAM-2	66	03-Pt-07a	1.05	-1.11
TAM-2	67	03-Sk-11	0.23	-0.63
TAM-2	68	03-Pt-14a 03-Ch-06c	1.87	1.05
TAM-2	69	03-Pe-12	-0.22	-0.28
TAM-2	70	03-Th-03d	-1.04	0.20
TAM-2	71	03-He-01c 03-Sk-10	3.14	0.22
TAM-2	72	03-He-01b	-1.04	0.20
TAM-2	73	03-Ar-01 03-Th-03c	1.83	1.16
TAM-2	74	03-Pe-01d	-1.04	0.20
TAM-2	75	03-Th-07	-0.63	-0.05
TAM-2	76	03-He-01a	-1.04	0.20
TAM-2	77	03-Pe-01c	-1.04	0.20
TAM-2	78	03-Th-03b	-1.04	0.20
TAM-2	79	03-Th-05	0.23	-0.63
TAM-2	80	03-Pt-06b	0.23	-0.63
TAM-2	81	03-Th-06	1.46	-1.35
TAM-2	82	03-Sk-04	-0.63	-0.05
TAM-2	83	03-Pt-01e	-1.04	0.20
TAM-2	84	03-Zo-03	3.14	-2.43
TAM-2	85	03-Pe-06	0.64	-0.87
TAM-2	86	03-Pe-07	-0.63	-0.05
TAM-2	87	03-Op-09b	-0.63	-0.05
TAM-2	88	03-Sk-03a	-1.04	0.20
TAM-2	89	03-Pe-14	-0.63	-0.05
TAM-2	90	03-Th-03a	-1.04	0.20
TAM-2	91	03-Zo-01	-0.63	-0.05
TAM-2	92	03-Pe-08	0.64	-0.87
TAM-2	93	03-Pe-09	0.23	-0.63
TAM-2	94	03-Pe-10 03-Op-09a	1.87	1.05
TAM-2	95	03-Sk-08 03-Pe-11	1.01	1.64
TAM-2	96	03-Pt-05	0.23	-0.63
TAM-2	97	03-Pt-06	-0.63	-0.05
TAM-2	98	03-Pe-01b	-1.04	0.20
TAM-2	99	03-Pe-01a	-1.04	0.20
TAM-2	100	03-Pt-01d	-1.04	0.20
TAM-2	101	03-Pt-01c	-1.04	0.20
TAM-2	102	03-Sk-05a	-1.04	0.20
TAM-2	103	03-Ar-01	0.20	-0.53
TAM-2	104	03-Sk-07	-0.22	-0.28
TAM-2	105	03-Sk-08	-0.63	-0.05
TAM-2	106	03-Pt-04a	0.23	-0.63
TAM-2	107	03-Op-08e	-0.63	-0.05
TAM-2	108	03-Th-04 03-Ch-04b	1.87	1.05
TAM-2	109	03-Pt-01b	-1.04	0.20
TAM-2	110	03-Pt-01a	-1.04	0.20
TAM-2	111	03-Sk-09	-0.63	-0.05
TAM-2	112	03-Sb-02	0.23	-0.63
TAM-2	113	03-Sb-01	0.23	-0.63
TAM-2	114	03-Ch-04b	-1.04	0.20
MAN-2	115	04-Ch-04c	-1.04	0.20
MAN-2	116	04-Sk-03b 04-Ta-03	2.69	0.57
MAN-2	117	04-Sk-04	-0.63	-0.05
MAN-2	118	04-Th-04b	-0.63	-0.05
MAN-2	119	04-Op-08d	-1.04	0.20
MAN-2	120	04-Op-08c	-1.04	0.20
MAN-2	121	04-Op-08b	-1.04	0.20
MAN-2	122	04-Op-08a	-1.04	0.20
MAN-2	123	04-Th-02	0.64	-0.87
MAN-2	124	04-Pt-03	0.23	-0.63
MAN-2	125	04-Sk-05a	-1.04	0.20
MAN-2	126	04-Ch-04b	-1.04	0.20
MAN-2	127	04-Pe-07	-0.63	-0.05
MAN-2	128	04-Ch-05	0.23	-0.63
MAN-2	129	04-Op-09b	0.23	-0.63
MAN-2	130	04-Te-02	-0.22	-0.28
MAN-2	131	04-Pe-04	1.46	-1.35
MAN-2	132	04-Pe-02	-1.04	0.20
MAN-2	133	04-Pe-01c	-1.04	0.20
MAN-2	134	04-Th-03b	-1.04	0.20
MAN-2	135	04-Th-04a	-0.63	-0.05
MAN-2	136	04-Pe-05 04-Zo-02	5.89	1.06
MAN-2	137	04-Pe-01b 04-Th-05 04-Op-06a	4.37	2.14
MAN-2	138	04-Sk-03 04-Ch-04a	3.96	-0.26
MAN-2	139	04-Pe-01a	-1.04	0.20
MAN-2	140	04-Te-01	-1.04	0.20
MAN-2	141	04-Th-03a	-1.04	0.20
BER-1	142	05-Sk-05y	-1.04	0.20
BER-1	143	05-Op-08f	-1.04	0.20
BER-1	144	05-Th-08	0.23	-0.63
BER-1	145	05-Sk-05x	-1.04	0.20
BER-1	146	05-Sk-05w	-1.04	0.20
BER-1	147	05-Pe-01b	-1.04	0.20
BER-1	148	05-Pt-01b	-1.04	0.20
BER-1	149	05-Op-08h	-1.04	0.20
BER-1	150	05-Op-08j	-1.04	0.20
BER-1	151	05-Op-08l	-1.04	0.20
BER-1	152	05-Op-08h	-1.04	0.20
BER-1	153	05-Op-08g	-1.04	0.20
BER-1	154	05-Op-08f	-1.04	0.20
BER-1	155	05-Sk-05v 05-Op-08e	0.60	1.88
BER-1	156	05-Th-03b	-1.04	0.20
BER-1	157	05-Pt-01a	-1.04	0.20
BER-1	158	05-Pe-01f	-1.04	0.20
BER-1	159	05-He-01 05-Th-07	1.87	1.05
BER-1	160	05-Sk-04d	-0.63	-0.05
BER-1	161	05-Pe-07	-0.63	-0.05
BER-1	162	05-Pe-01e	-1.04	0.20
BER-1	163	05-Sk-14	-0.63	-0.05
BER-1	164	05-Sk-05u	-1.04	0.20
BER-1	165	05-Pe-01d	-1.04	0.20
BER-1	166	05-Sk-05t	-1.04	0.20
BER-1	167	05-Sk-05s	-1.04	0.20
BER-1	168	05-Sk-04c	-0.63	-0.05
BER-1	169	05-Sk-04b	-0.63	-0.05
BER-1	170	05-Sk-05r	-1.04	0.20
BER-1	171	05-Sk-05q	-1.04	0.20
BER-1	172	05-Sk-05p	-1.04	0.20
BER-1	173	05-Pe-01c	-1.04	0.20
BER-1	174	05-Sk-05o	-1.04	0.20
BER-1	175	05-Sk-05n	-1.04	0.20
BER-1	176	05-Sk-01	-1.04	0.20
BER-1	177	05-Pe-01a	-1.04	0.20
BER-1	178	05-Sk-05m	-1.04	0.20
BER-1	179	05-Th-03a	-1.04	0.20
BER-1	180	05-Sk-16 05-Op-08d	1.42	1.40
BER-1	181	05-Sk-05l	-1.04	0.20
BER-1	182	05-Sk-05k	-1.04	0.20
BER-1	183	05-Sk-05j	-1.04	0.20
BER-1	184	05-Sk-17	0.23	-0.63
BER-1	185	05-Sk-05i	-1.04	0.20
BER-1	186	05-Sk-05h	-1.04	0.20
BER-1	187	05-Sk-05g	-1.04	0.20
BER-1	188	05-Sk-05f	-1.04	0.20
BER-1	189	05-Sk-05e	-1.04	0.20
BER-1	190	05-Sk-04a	-0.63	-0.05
BER-1	191	05-Sk-05d	-1.04	0.20
BER-1	192	05-Pe-01a	-1.04	0.20
BER-1	193	05-Sk-05c	-1.04	0.20
BER-1	194	05-Sk-05b	-1.04	0.20
BER-1	195	05-Pe-15	0.23	-0.63
BER-1	196	05-Op-08c	-1.04	0.20
BER-1	197	05-Op-08c 05-Ch-04	1.46	1.29
BER-1	198	05-Op-08a	-1.04	0.20
BER-1	199	05-Sk-05a	-1.04	0.20

Table 4. Ichnofabric and its ichnofossils content

Outcrop	No. listing	Ichnofabric ichnofossil	Primary ichnofossil	Secondary ichnofossils
PAL-3	1	01-Op-02	Ophiomorpha	Siphonichnus
		01-Ch-03	Chondrites	Scolicia
PAL-3	2	01-Pe-03	Paleophycus	Siphonichnus
		01-Ch-04	Chondrites	-
PAL-3	3	01-Op-08	Ophiomorpha	-
PAL-3	4	01-Pe-02	Paleophycus	Planolites, Asterosoma, Rhizocorallium, Teichichnus
		01-Ch-02	Chondrites	Ophiomorpha
PAL-3	5	01-Op-05	Ophiomorpha	Paleophycus, Skolithos
		01-Ch-01	Chondrites	Scolicia, Ophiomorpha, Diplocraterion
PAL-3	6	01-Ut-m	UI	-
PAL-3	7	01-Ut-l	UI	-
PAL-3	8	01-Ut-k	UI	-
PAL-3	9	01-Ut-j	UI	-
PAL-3	10	01-Ut-i	UI	-
PAL-3	11	01-Ut-h	UI	-
PAL-3	12	01-Ut-g	UI	-
PAL-3	13	01-Ut-f	UI	-
PAL-3	14	01-Ut-e	UI	-
PAL-3	15	01-Ut-d	UI	-
PAL-3	16	01-Sk-02b	Skolithos	track
PAL-3	17	01-Sk-02a	Skolithos	track
PAL-3	18	01-Pl-02	Planolites	Chondrites, Conichnus
PAL-3	19	01-Op-04	Ophiomorpha	Rosselia, Thallasinoides
PAL-3	20	01-Sk-01	Skolithos	Bergauria
PAL-3	21	01-Sk-14	Skolithos	Monocraterion
PAL-3	22	01-Rh-03	Rhizocorallium	Planolites, Ophiomorpha
PAL-3	23	01-ut	track	-
PAL-3	24	01-Ut-c	UI	-
PAL-3	25	01-Ut-b	UI	-
		01-Th-01	Thallasinoides	Asterosoma, Skolithos
		01-Rh-02	Rhizocorallium	Teichichnus, Paleophycus
		01-Zo-01	Zoophycos	Rhizocorallim
PAL-3	26	01-Pe-01	Paleophycus	-
		01-Op-03	Ophiomorpha	Rhizocorallium, Taenadium, Scolicia
PAL-3	27	01-Ut-a	UI	-
		01-Rh-01	Rhizocorallium	Teichichnus, Taenadium
PAL-3	28	01-Op-08a	Ophiomorpha	-
PAL-3	29	01-Op-06d	Ophiomorpha	-
PAL-3	30	01-Op-06c	Ophiomorpha	-
PAL-3	31	01-Op-06b	Ophiomorpha	-
PAL-3	32	01-Op-08a	Ophiomorpha	-
PAL-3	33	01-Op-01	Ophiomorpha	Fugichnia
TAM-2	34	03-Th-10	Thallasinoides	Paleophycus, Bergauria
		03-Th-09	Thallasinoides	-
TAM-2	35	03-Sk-15	Skolithos	Ophiomorpha, Spirophyton,
TAM-2	36	03-Th-11	Thallasinoides	Helminthopsis
TAM-2	37	03-Pe-16	Paleophycus	Conichnus, Bergauria, Cylindrichnus
		03-Op-11	Ophiomorpha	Cylindrichnus,
TAM-2	38	03-Pe-17	Paleophycus	Skolithos, Schaubcylindrichnus, Macanopsis, Thallasinoides, Conichnus
		03-Ch-04d	Chondrites	-
TAM-2	39	03-Ma-05	Macaronichnus	Ophiomorpha, Schaubcylindrichnus, Rhizocorallium
TAM-2	40	03-Ma-06	Macaronichnus	Skolithos, Teichichnus, Asterosoma
TAM-2	41	03-Ma-07	Macaronichnus	Schaubcylindrichnus
TAM-2	42	03-Op-03	Ophiomorpha	Macaronichnus, Chondrites
		03-Ch-04d	Chondrites	-
TAM-2	43	03-Op-13	Ophiomorpha	Cylindrichnus, Macaronichnus,
TAM-2	44	03-Pe-18	Paleophycus	Macanopsis, Rosselia
TAM-2	45	03-Op-20	Ophiomorpha	Macanopsis, Thallasinoides
		03-Ma-08	Macaronichnus	Chondrites
TAM-2	46	03-Pe-13	Paleophycus	Ophiomorpha, Chondrites
TAM-2	47	03-Ma-04	Macaronichnus	Ophiomorpha, Paleophycus, Asterosoma
TAM-2	48	03-Ma-03	Macaronichnus	-
TAM-2	49	03-Ma-02	Macaronichnus	Skolithos, Siponichnus, Paleophycus
TAM-2	50	03-Pl-15	Planolites	Thallasinoides, Teichichnus, Skolithos
		03-Ch-07b	Chondrites	Zoophycos
TAM-2	51	03-Pe-01	Paleophycus	-
		03-Sk-13	Skolithos	Ophiomorpha
TAM-2	52	03-Th-09	Thallasinoides	Phycosiphon, Chondrites, Ophiomorpha
TAM-2	53	03-Pl-16	Planolites	Thallasinoides, Scolicia.
TAM-2	54	03-Pl-14b	Planolites	Chondrites, Thallasinoides
TAM-2	55	03-Ma-01	Macaronichnus	Ophiomorpha, Teamadium
		03-Op-08b	Ophiomorpha	-
TAM-2	56	03-Pl-13	Planolites	Chondrites, Asterosoma, Polyladichnus
TAM-2	57	03-Pl-12	Planolites	Chondrites, Skolithos
TAM-2	58	03-Pl-07b	Planolites	Chondrites, Diplocraterion, Teichichnus
TAM-2	59	03-Pl-11	Planolites	Chondrites
TAM-2	60	03-Pl-10	Planolites	Chondrites, Asterosoma
TAM-2	61	03-Pe-01a	Paleophycus	-
TAM-2	62	03-Pl-09	Planolites	Rhizocorallium
		03-Ch-07a	Chondrites	Zoophycos
TAM-2	63	03-Pl-08	Planolites	Teichichnus, Bergauria
TAM-2	64	03-Th-03a	Thallasinoides	-
TAM-2	65	03-Sk-12	Skolithos	Conichnus, Bergauria, Chondrites
TAM-2	66	03-Pl-07a	Planolites	Chondrites, Diplocraterion, Teichichnus
TAM-2	67	03-Sk-11	Skolithos	Rosselia
TAM-2	68	03-Pl-14a	Planolites	Chondrites, Thallasinoides
		03-Ch-06c	Chondrites	-
TAM-2	69	03-Pe-12	Paleophycus	Bergauria, Conichnus
TAM-2	70	03-Th-03d	Thallasinoides	-
TAM-2	71	03-He-01c	Helminthoidinichnites	-
		03-Sk-10	Skolithos	Bergauria, Conichnus
TAM-2	72	03-He-01b	Helminthoidinichnites	-
TAM-2	73	03-Al-01	Alcyonidiopsis	Planolites, Conichnus, Bergauria
		03-Th-03c	Thallasinoides	-
TAM-2	74	03-Pe-01d	Paleophycus	-
TAM-2	75	03-Th-07	Thallasinoides	Phycosiphon
TAM-2	76	03-He-01a	Helminthoidinichnites	-
TAM-2	77	03-Pe-01c	Paleophycus	-
TAM-2	78	03-Th-03b	Thallasinoides	-
TAM-2	79	03-Th-05	Thallasinoides	Paleophycus
TAM-2	80	03-Pl-04b	Planolites	Skolithos
TAM-2	81	03-Th-06	Thallasinoides	Skolithos, Rhizocorallium, Beaconites, Platycites
TAM-2	82	03-Sk-04	Skolithos	Paleophycus
TAM-2	83	03-Pl-01e	Planolites	-
TAM-2	84	03-Zo-03	Zoophycos	Taenadium, Paleophycus, Platycites, Ophiomorpha,
TAM-2	85	03-Pe-06	Paleophycus	Ophiomorpha, Thallasinoides, Conichnus
TAM-2	86	03-Pe-07	Paleophycus	Skolithos
TAM-2	87	03-Op-09b	Ophiomorpha	Skolithos
TAM-2	88	03-Sk-05b	Skolithos	-
TAM-2	89	03-Pe-14	Paleophycus	Platycites
TAM-2	90	03-Th-03a	Thallasinoides	-
TAM-2	91	03-Zo-01	Zoophycos	Rhizocorallim
TAM-2	92	03-Pe-08	Paleophycus	Diplocraterion, Rhizocorallium
TAM-2	93	03-Pe-09	Paleophycus	Diplocraterion
TAM-2	94	03-Pe-10	Paleophycus	Rhizocorallium
		03-Op-08a	Ophiomorpha	-
TAM-2	95	03-Sk-06	Skolithos	Arenicolites
		03-Pe-11	Paleophycus	Arenicolites
TAM-2	96	03-Pl-05	Planolites	Arenicolites, Gyrolithes
TAM-2	97	03-Pl-06	Planolites	Rosselia
TAM-2	98	03-Pe-01b	Paleophycus	-
TAM-2	99	03-Pe-01a	Paleophycus	-
TAM-2	100	03-Pl-01d	Planolites	-
TAM-2	101	03-Pl-01c	Planolites	-
TAM-2	102	03-Sk-05a	Skolithos	-
TAM-2	103	03-Ar-01	Arenicolites	Skolithos, Siponichnus, Paleophycus
TAM-2	104	03-Sk-07	Skolithos	Cylindrichnus, Paleophycus
TAM-2	105	03-Sk-08	Skolithos	Conichnus
TAM-2	106	03-Pl-04a	Planolites	Skolithos
TAM-2	107	03-Op-09a	Ophiomorpha	Skolithos
TAM-2	108	03-Th-04	Thallasinoides	Planolites
		03-Ch-04b	Chondrites	-
TAM-2	109	03-Pl-01b	Planolites	-
TAM-2	110	03-Pl-01a	Planolites	-
TAM-2	111	03-Sk-09	Skolithos	Platycites
TAM-2	112	03-Sb-02	Schaubcylindrichnus	Phycodes
TAM-2	113	03-Sb-01	Schaubcylindrichnus	Chondrites
TAM-2	114	03-Ch-04a	Chondrites	-
TAM-2	115	04-Ch-04c	Chondrites	-
MAN-2	116	04-Sk-05b	Skolithos	-
		04-Te-03	Teichichnus	Asterosoma, Paleophycus, Planolites
MAN-2	117	04-Sk-04	Skolithos	Paleophycus
MAN-2	118	04-Th-04b	Thallasinoides	Planolites
MAN-2	119	04-Op-06d	Ophiomorpha	-
MAN-2	120	04-Op-06c	Ophiomorpha	-
MAN-2	121	04-Op-08b	Ophiomorpha	-
MAN-2	122	04-Op-08a	Ophiomorpha	-
MAN-2	123	04-Th-02	Thallasinoides	Rhizocorallium, Planolites
MAN-2	124	04-Pl-03	Planolites	Paleophycus
MAN-2	125	04-Ma-05a	Skolithos	-
MAN-2	126	04-Ch-04b	Chondrites	-
MAN-2	127	04-Pe-07	Paleophycus	Skolithos
MAN-2	128	04-Ch-05	Chondrites	Planolites
MAN-2	129	04-Op-06b	Ophiomorpha	Chondrites
MAN-2	130	04-Te-02	Teichichnus	Planolites, Paleophycus
MAN-2	131	04-Pe-04	Paleophycus	Planolites, Thallasinoides, Rhizocorallium, Asterosoma
MAN-2	132	04-Pe-01d	Paleophycus	-
MAN-2	133	04-Pe-01c	Paleophycus	-
MAN-2	134	04-Th-03b	Thallasinoides	-
MAN-2	135	04-Th-04a	Thallasinoides	Planolites
MAN-2	136	04-Pe-05	Paleophycus	Rhizocorallium, Macanopsis, Scolicia
		04-Zo-02	Zoophycos	Spirophyton, Teichichnus
MAN-2	137	04-Pe-01b	Paleophycus	-
		04-Th-05	Thallasinoides	Paleophycus
		04-Op-06a	Ophiomorpha	Chondrites
MAN-2	138	04-Sk-03	Skolithos	Arenicolites, Macanopsis, Planolites, Taenadium.
		04-Ch-04a	Chondrites	-
MAN-2	139	04-Pe-01a	Paleophycus	-
MAN-2	140	04-Te-01	Teichichnus	-
MAN-2	141	04-Th-03a	Thallasinoides	-
BER-1	142	05-Sk-02y	Skolithos	-
BER-1	143	05-Op-08l	Ophiomorpha	-
BER-1	144	05-Th-08	Thallasinoides	Skolithos
BER-1	145	05-Sk-02x	Skolithos	-
BER-1	146	05-Sk-05w	Skolithos	-
BER-1	147	05-Pe-01b	Paleorichnus	-
BER-1	148	05-Pl-01b	Planolites	-
BER-1	149	05-Op-08k	Ophiomorpha	-
BER-1	150	05-Op-08j	Ophiomorpha	-
BER-1	151	05-Op-08i	Ophiomorpha	-
BER-1	152	05-Op-08h	Ophiomorpha	-
BER-1	153	05-Op-08g	Ophiomorpha	-
BER-1	154	05-Op-08f	Ophiomorpha	-
BER-1	155	05-Sk-05v	Skolithos	-
		05-Op-08e	Ophiomorpha	-
BER-1	156	05-Th-03b	Thallasinoides	-
BER-1	157	05-Pl-01a	Planolites	-
BER-1	158	05-Pe-01f	Paleophycus	-
BER-1	159	05-He-01	Helminthoidinichnites	-
		05-Th-07	Thallasinoides	Phycosiphon
BER-1	160	05-Sk-04d	Skolithos	Paleophycus
BER-1	161	05-Pe-07	Paleophycus	Skolithos
BER-1	162	05-Pe-01e	Paleophycus	-
BER-1	163	05-Sk-14	Skolithos	Monocraterion
BER-1	164	05-Sk-05u	Skolithos	-
BER-1	165	05-Pe-01d	Paleophycus	-
BER-1	166	05-Sk-05t	Skolithos	-
BER-1	167	05-Sk-05s	Skolithos	-
BER-1	168	05-Sk-04c	Skolithos	Paleophycus
BER-1	169	05-Sk-04b	Skolithos	Paleophycus
BER-1	170	05-Sk-05r	Skolithos	-
BER-1	171	05-Sk-05q	Skolithos	-
BER-1	172	05-Sk-05p	Skolithos	-
BER-1	173	05-Pe-01c	Paleophycus	-
BER-1	174	05-Sk-05o	Skolithos	-
BER-1	175	05-Sk-05n	Skolithos	-
BER-1	176	05-Sk-01	Skolithos	Bergauria
BER-1	177	05-Pe-01a	Paleophycus	-
BER-1	178	05-Sk-05m	Skolithos	-
BER-1	179	05-Th-03a	Thallasinoides	-
BER-1	180	05-Sk-16	Skolithos	Platycites, Diplocraterion
		05-Op-08d	Ophiomorpha	-
BER-1	181	05-Sk-05l	Skolithos	-
BER-1	182	05-Sk-05k	Skolithos	-
BER-1	183	05-Sk-05j	Skolithos	-
BER-1	184	05-Sk-17	Skolithos	Asterosoma, Arenicolites
BER-1	185	05-Sk-05i	Skolithos	-
BER-1	186	05-Sk-05h	Skolithos	-
BER-1	187	05-Sk-05g	Skolithos	-
BER-1	188	05-Sk-05f	Skolithos	-
BER-1	189	05-Sk-05e	Skolithos	-
BER-1	190	05-Sk-04a	Skolithos	Paleophycus
BER-1	191	05-Sk-05d	Skolithos	-
BER-1	192	05-Pe-01a	Paleorichnus	-
BER-1	193	05-Sk-05c	Skolithos	-
BER-1	194	05-Sk-05b	Skolithos	-
BER-1	195	05-Pe-15	Paleophycus	Thallasinoides,
BER-1	196	05-Op-08c	Ophiomorpha	-
BER-1	197	05-Op-08b	Ophiomorpha	-
		05-Ch-04	Chondrites	-
BER-1	198	05-Op-08a	Ophiomorpha	-
BER-1	199	05-Sk-05a	Skolithos	-

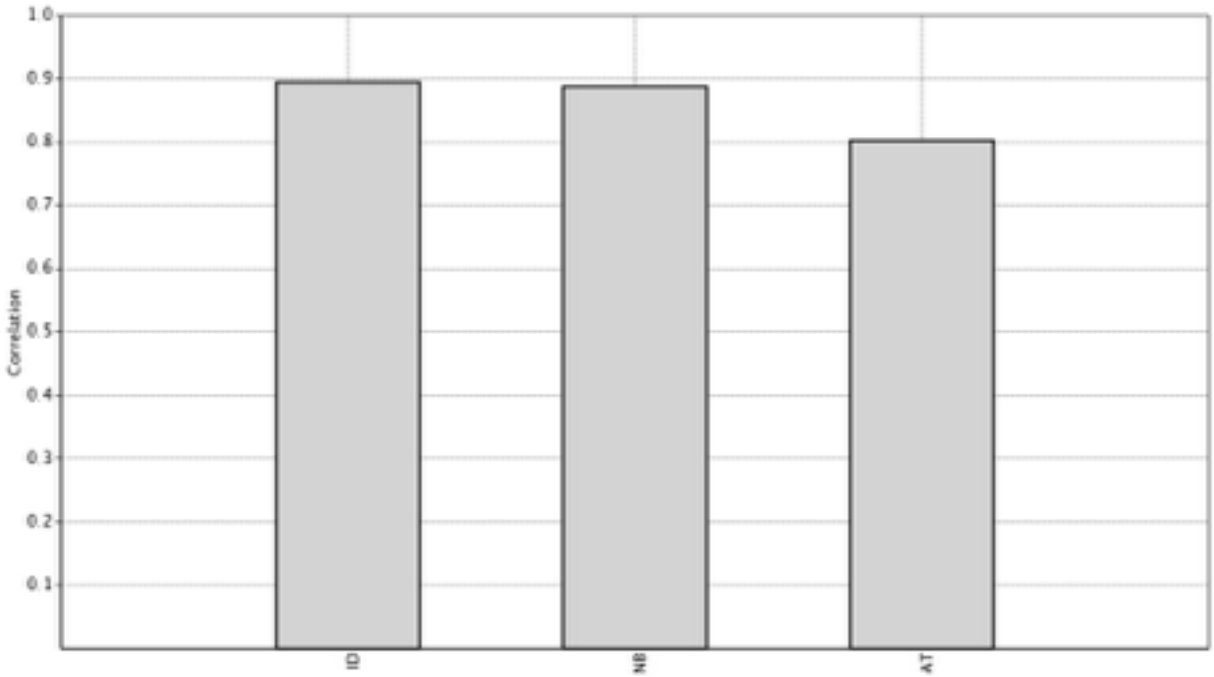

Figure 1 Loading plot on component-1 (PC-1). Component-1 correlated positively with ichnodiversity, number of behaviour and amount of tier. Since coefficient correlation was more than 0.4, then all variables could be considered as constituent in component-1 which represent of 74.29 % variation data.

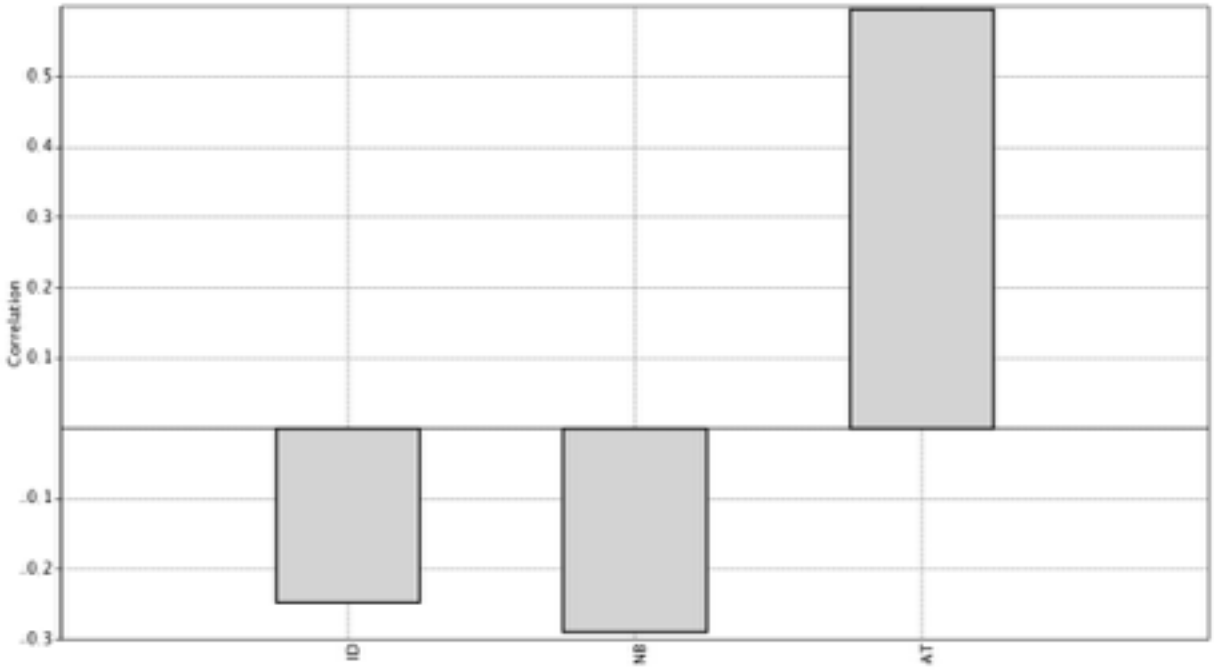

Figure 2 Loading plot on component-2 (PC-2). Component-2 correlates positively with ichnodiversity conversely, negative correlation with number of behaviour and amount of tier. However, since the absolute coefficient correlation was less than 0.4, then ichnodiversity and number of behaviour could be ignored. Component-2 represent of 16.9 % variation data.