

GUIA DE REMESSA DE MATERIAL
(INVOICE OF SPECIMENS FORM)

IDENTIFICAÇÃO (Identification):

GUIA DE REMESSA N° (Shipping notice nr): 86/15
DATA DE REMESSA (Date shipped): 26/X/2015
N° DE VOLUMES (Nr of packages):
DESPACHADO POR (Shipped by): Nancy Lo
VIA DE REMESSA (Shipped via):

DESTINATÁRIO (Recipient)

NOME (Name): Dra. Eliana Marques Cancellato
INSTITUIÇÃO (Institution): Museu de Zoologia - USP
ENDEREÇO (Address): Avenida Nazaré, 481,
Ipiranga, São Paulo, SP

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

ESPECIFICAÇÃO (Specification)

DATA DEVOLUÇÃO (Data due): ____/____/____
N° DE LOTES (Vials nr): 869 LOTES
DISSECÇÃO DO(S) ESPÉCIME(S) PERMITIDO(S)
(Dissections of specimen(s) permitted): (____)

Material Científico sem valor comercial, exclusivo para estudo e identificação, enviado de acordo com a resolução da Medida Provisória 2186-16 de 23 de agosto de 2001. Ministério do Meio Ambiente.

MOTIVO DA REMESSA (Invoice purpose)

DOAÇÃO (Donation): (X)
EMPRÉSTIMO (Loan): (____)
PERMUTA (Exchange): (____)
DEVOLUÇÃO (Return): (____)
ESTUDOS (Study): (____)
IDENTIFICAÇÃO (Identification): (____)
OUTROS (Others): (____)

TERMOS (TERMS): Pedido de prorrogação do período de empréstimo deve ser feito por escrito. Nenhum procedimento destrutivo ou outro processo que altere a(s) amostra(s) deverão ser realizados a menos que autorizado pelo curador. Todas as amostras e respectivas partes dos espécimes devem ser devolvidos a menos que a retenção seja autorizada pelo curador. Qualquer dano ou perda devem ser comunicados. (Request for extension of the loan period must be made by letter. No destructive procedure or other process that alters the specimen(s) may be undertaken unless authorized by the curator. All specimens and associated parts of specimens must be returned unless their retention is agreed to by the curator. Any damage to or loss of specimens must be reported.)

POR FAVOR, ASSINAR E ENVIAR CÓPIA PARA
(Please sign and return promptly to):

Nancy F. Lo Man Hung
Rua Aquiles Lobo, 297.
Belo Horizonte. CEP. 30150-160.
Belo Horizonte, MG, Brasil

Recebi em boas condições, exceto quando anotado
(Received in good order except as noted)

DATA (DATE) _____, 23/11/2015.


ASSINATURA (SIGNATURE)

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
144	Insecta	Coleoptera	Pselaphinae	sp.1	3	GS-01	7767644	654884	16.I-11.II.2011	Carste(Coleo)0528
145	Insecta	Coleoptera	Pselaphinae	sp.1	2	GS-01	7767644	654884	16.I-11.II.2011	Carste(Coleo)0945
244	Insecta	Coleoptera		sp.3	1	GS-01	7767644	654884	06-16.VI.2011	Carste(Coleo)0961
244	Insecta	Heteroptera			1	GS-01	7767644	654884	06-16.VI.2011	Carste(Het) 0135
243	Insecta	Heteroptera			1	GS-01	7767644	654884	06-16.VI.2011	Carste(Het) 0147
145	Insecta	Heteroptera			2	GS-01	7767644	654884	16.I-11.II.2011	Carste(Het) 0238
144	Insecta	Homoptera			1	GS-01	7767644	654884	16.I-11.II.2011	Carste(Hom)0092
244	Insecta	Hymenoptera			1	GS-01	7767644	654884	06-16.VI.2011	Carste(Hym)0291
243	Insecta	Hymenoptera			2	GS-01	7767644	654884	06-16.VI.2011	Carste(Hym)0292
144	Insecta	Psocoptera			3	GS-01	7767644	654884	16.I-11.II.2011	Carste(Pso) 0260
243	Insecta	Psocoptera			1	GS-01	7767644	654884	06-16.VI.2011	Carste(Pso)0328
244	Insecta	Psocoptera			1	GS-01	7767644	654884	06-16.VI.2011	Carste(Pso)0333
157	Insecta	Diptera	Bradysia		1	GS-02	7767731	654836	16.I-11.II.2011	Carste(Dipt) 0142
157	Insecta	Heteroptera				GS-02	7767731	654836	16.I-11.II.2011	Carste(Het) 0223
245	Insecta	Homoptera			2	GS-02	7767731	654836	06-16.VI.2011	Carste(Hom) 0022
157	Insecta	Homoptera			2	GS-02	7767731	654836	16.I-11.II.2011	Carste(Hom) 0067
157	Insecta	Hymenoptera			2	GS-02	7767731	654836	16.I-11.II.2011	Carste(Hym)0194
245	Insecta	Hymenoptera			1	GS-02	7767731	654836	06-16.VI.2011	Carste(Hym)0258
157	Insecta	Lepidoptera			1	GS-02	7767731	654836	16.I-11.II.2011	Carste(Lep) 0166
180	Insecta	Coleoptera			1	GS-03	7768194	655030	16.I-11.II.2011	Carste(Coleo) 1000
247	Insecta	Coleoptera		sp.1	1	GS-03	7768194	655030	06-16.VI.2011	Carste(Coleo)0490
246	Insecta	Heteroptera			1	GS-03	7768194	655030	06-16.VI.2011	Carste(Het) 0136
248	Insecta	Heteroptera			1	GS-03	7768194	655030	06-16.VI.2011	Carste(Het) 0137
180	Insecta	Heteroptera			1	GS-03	7768194	655030	16.I-11.II.2011	Carste(Het) 0229
248	Insecta	Homoptera			1	GS-03	7768194	655030	06-16.VI.2011	Carste(Hom) 0017
180	Insecta	Lepidoptera			1	GS-03	7768194	655030	16.I-11.II.2011	Carste(Lep) 0162
248	Insecta	Neuroptera			1	GS-03	7768194	655030	06-16.VI.2011	Carste(Neu) 0009
248	Insecta	Psocoptera			2	GS-03	7768194	655030	06-16.VI.2011	Carste(Pso)0330
419	Insecta	Collembola			1	GS-04	7769057	655015	06-16.VI.2011	Carste(Col) 0514
419	Insecta	Diptera			2	GS-04	7769057	655015	06-16.VI.2011	Carste(Dipt) 0222
419	Insecta	Psocoptera			2	GS-04	7769057	655015	06-16.VI.2011	Carste(Pso) 0340
250	Insecta	Diptera			1	GS-05	7769066	655001	06-16.VI.2011	Carste(Dipt) 0057
163	Insecta	Heteroptera			1	GS-05	7769066	655001	16.I-11.II.2011	Carste(Het) 0220
82	Insecta	Hymenoptera			2	GS-05	7769066	655001	16.I-11.II.2011	Carste(Hym)0204
250	Insecta	Hymenoptera			4	GS-05	7769066	655001	06-16.VI.2011	Carste(Hym)0308
250	Insecta	Psocoptera			2	GS-05	7769066	655001	06-16.VI.2011	Carste(Pso)0336
250	Malacostraca	Isopoda			1	GS-05	7769066	655001	06-16.VI.2011	Carste(Iso) 0443
249	Malacostraca	Isopoda			1	GS-05	7769066	655001	06-16.VI.2011	Carste(Iso) 0444
161	Insecta	Diptera	Bradysia		1	GS-06	7769062	654963	16.I-11.II.2011	Carste(Dipt) 0139
28	Insecta	Diptera	Schwenkfeldina		1	GS-06	7769062	654963	16.I-11.II.2011	Carste(Dipt) 0144
25	Insecta	Diptera			1	GS-06	7769062	654963	16.I-11.II.2011	Carste(Dipt) 0171
251	Insecta	Heteroptera			1	GS-06	7769062	654963	06-16.VI.2011	Carste(Het) 0138
252	Insecta	Heteroptera			1	GS-06	7769062	654963	06-16.VI.2011	Carste(Het) 0139
161	Insecta	Homoptera		sp.1	1	GS-06	7769062	654963	16.I-11.II.2011	Carste(Hom) 0104
251	Insecta	Hymenoptera			1	GS-06	7769062	654963	06-16.VI.2011	Carste(Hym) 0267
393	Insecta	Hymenoptera			2	GS-06	7762384	659618	06-16.VI.2011	Carste(Hym) 0274
161	Insecta	Psocoptera	Nepticulomima	sp.2	1	GS-06	7769062	654963	16.I-11.II.2011	Carste(Pso) 0216
152	Insecta	Psocoptera			1	GS-06	7769062	654963	06-16.VI.2011	Carste(Pso) 0317
254	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-07	7769062	655008	06-16.VI.2011	Carste(Coleo)0515
	Insecta	Diptera			1	GS-07	7769062	655008	06-16.VI.2011	Carste(Dipt) 0061
254	Insecta	Diptera			1	GS-07	7769062	655008	06-16.VI.2011	Carste(Dipt) 0155
87	Insecta	Diptera			1	GS-07	7769062	655008	16.I-11.II.2011	Carste(Dipt) 0158
256	Insecta	Heteroptera			1	GS-07	7769062	655008	06-16.VI.2011	Carste(Het) 0140
90	Insecta	Heteroptera			1	GS-07	7769062	655008	16.I-11.II.2011	Carste(Het) 0226
255	Insecta	Hymenoptera			2	GS-07	7769062	655008	06-16.VI.2011	Carste(Hym) 0260
87	Insecta	Hymenoptera			2	GS-07	7769062	655008	16.I-11.II.2011	Carste(Hym)0253

Cont.

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Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
256	Insecta	Lepidoptera			2	GS-07	7769062	655008	06-16.vi.2011	Carste(Lep) 0176
69	Insecta	Lepidoptera		sp.7	1	GS-07	7769062	655008	16.i-11.ii.2011	Carste(Lep)0153
69	Insecta	Lepidoptera		sp.7	1	GS-07	7769062	655008	16.i-11.ii.2011	Carste(Lep)0153
255	Insecta	Neuroptera			1	GS-07	7769062	655008	06-16.vi.2011	Carste(Neu) 0011
152	Insecta	Psocoptera	Epipsocus	sp.1	1	GS-07	7769062	655008	16.i-11.ii.2011	Carste(Pso) 0205
255	Insecta	Psocoptera	Nepticulomima	sp.1	1	GS-07	7769062	655008	06-16.VI.2011	Carste(Pso) 0247
152	Insecta	Psocoptera			5	GS-07	7769062	655008		Carste(Pso) 0254
257	Insecta	Diptera			1	GS-08	7769057	655015	06-16.vi.2011	Carste(Dipt) 0146
265	Insecta	Diptera			1	GS-08	7769057	655015	06-16.vi.2011	Carste(Dipt) 0159
257	Insecta	Diptera			1	GS-08	7769057	655015	06-16.vi.2011	Carste(Dipt) 0205
258	Insecta	Heteroptera			1	GS-08	7769057	655015	06-16.VI.2011	Carste(Het) 0141
257	Insecta	Homoptera			1	GS-08	7769057	655015	06-16.vi.2011	Carste(Hom) 0011
258	Insecta	Homoptera			2	GS-08	7769057	655015	06-16.vi.2011	Carste(Hom) 0060
258	Insecta	Hymenoptera			1	GS-08	7769057	655015	06-16.vi.2011	Carste(Hym)0289
257	Insecta	Hymenoptera			1	GS-08	7769057	655015	06-16.vi.2011	Carste(Hym)0290
258	Insecta	Lepidoptera			1	GS-08	7769057	655015	06-16.vi.2011	Carste(Lep) 0178
257	Insecta	Neuroptera			1	GS-08	7769057	655015	06-16.vi.2011	Carste(Neu) 0004
258	Malacostraca	Isopoda			1	GS-08	7769057	655015	06-16.vi.2011	Carste(Iso) 0445
84	Insecta	Coleoptera		sp.7	1	GS-09	7769062	655002	16.i-11.ii.2011	Carste(Coleo)0952
84	Insecta	Diptera			1	GS-09	7769062	655002	16.i-11.ii.2011	Carste(Dipt) 0105
84	Insecta	Diptera	Mycomya		1	GS-09	7769062	655002	16.i-11.ii.2011	Carste(Dipt) 0152
84	Insecta	Hymenoptera			1	GS-09	7769062	655002	16.i-11.ii.2011	Carste(Hym)0239
84	Insecta	Psocoptera			1	GS-09	7769062	655002	16.i-11.ii.2011	Carste(Pso) 0279
151	Insecta	Diptera	Scatopsiara		1	GS-10	7769181	655097	16.i-11.ii.2011	Carste(Dipt) 0136
260	Insecta	Homoptera			1	GS-10	7769181	655097	06-16.vi.2011	Carste(Hom) 0025
151	Insecta	Homoptera			1	GS-10	7769181	655097	16.i-11.ii.2011	Carste(Hom) 0089
192	Insecta	Hymenoptera			1	GS-10	7769181	655097	06-16.VI.2011	Carste(Hym) 0284
261	Insecta	Lepidoptera			1	GS-10	7769181	655097	06-16.vi.2011	Carste(Lep) 0180
260	Insecta	Psocoptera			1	GS-10	7769181	655097	06-16.VI.2011	Carste(Pso) 0311
262	Insecta	Diptera			1	GS-11	7768561	655166	06-16.vi.2011	Carste(Dipt) 0120
263	Insecta	Diptera			1	GS-11	7768561	655166	06-16.vi.2011	Carste(Dipt) 0204
150	Insecta	Heteroptera			1	GS-11	7768561	655166	16.i-11.ii.2011	Carste(Het) 0231
149	Insecta	Neuroptera			1	GS-11	7768561	655166	16.i-11.ii.2011	Carste(Neu) 0019
270	Insecta	Coleoptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Coleo) 0977
266	Insecta	Coleoptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Coleo) 0981
265	Insecta	Diptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Dipt) 0056
265	Insecta	Diptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Dipt) 0110
267	Insecta	Diptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Dipt) 0125
124	Insecta	Diptera			1	GS-12	7767741	654770	16.i-11.ii.2011	Carste(Dipt) 0187
269	Insecta	Diptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Dipt) 0199
265	Insecta	Diptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Dipt) 0202
269	Insecta	Heteroptera			3	GS-12	7767741	654770	06-16.VI.2011	Carste(Het) 0142
269	Insecta	Heteroptera	Emesinae	Jovem	2	GS-12	7767741	654770	06-16.VI.2011	Carste(Het) 0195
268	Insecta	Heteroptera			1	GS-12	7767741	654770	06-16.VI.2011	Carste(Het) 0196
266	Insecta	Heteroptera			1	GS-12	7767741	654770	06-16.VI.2011	Carste(Het) 0200
267	Insecta	Homoptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Hom) 0010
267	Insecta	Homoptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Hom) 0016
266	Insecta	Homoptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Hom) 0024
122	Insecta	Homoptera			2	GS-12	7767741	654770	16.i-11.ii.2011	Carste(Hom) 0069
126	Insecta	Homoptera			4	GS-12	7767741	654770	16.i-11.ii.2011	Carste(Hom) 0080
269	Insecta	Homoptera			4	GS-12	7767741	654770	06-16.vi.2011	Carste(Hom)0038
269	Insecta	Hymenoptera			1	GS-12	7767741	654770	06-16.VI.2011	Carste(Hym) 0259
265	Insecta	Hymenoptera			1	GS-12	7767741	654770	06-16.VI.2011	Carste(Hym) 0265
266	Insecta	Hymenoptera			1	GS-12	7767741	654770	06-16.VI.2011	Carste(Hym) 0282
122	Insecta	Hymenoptera			1	GS-12	7767741	654770	16.i-11.ii.2011	Carste(Hym)0190
125	Insecta	Hymenoptera			2	GS-12	7767741	654770	16.i-11.ii.2011	Carste(Hym)0211

Cont.

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
126	Insecta	Hymenoptera			1	GS-12	7767741	654770	16.i-11.ii.2011	Carste(Hym)0219
126	Insecta	Hymenoptera			4	GS-12	7767741	654770	16.i-11.ii.2011	Carste(Hym)0232
270	Insecta	Hymenoptera			1	GS-12	7767741	654770	06-16.vi.2011	Carste(Hym)0297
123	Insecta	Psocoptera			1	GS-12	7767741	654770	16.i-11.ii.2011	Carste(Pso) 0291
256	Insecta	Psocoptera			1	GS-12	7767741	654770	16.i-11.ii.2011	Carste(Pso) 0306
101	Insecta	Diptera			1	GS-13	7769265	655014	16-14.ii.2011	Carste(Dipt) 0164
101	Insecta	Hymenoptera			3	GS-13	7769265	655014	16.i-11.ii.2011	Carste(Hym)0215
101	Insecta	Psocoptera	Nepticulomima	sp.2	1	GS-13	7769265	655014	16.i-11.ii.2011	Carste(Pso) 0211
101	Insecta	Psocoptera			1	GS-13	7769265	655014		Carste(Pso) 0282
156	Insecta	Diptera	Cecidomyiinae		1	GS-14	7769361	655201	16.i-11.ii.2011	Carste(Dipt) 0050
155	Insecta	Heteroptera			1	GS-14	7769361	655201	16.i-11.ii.2011	Carste(Het) 0253
156	Insecta	Heteroptera			1	GS-14	7769361	655201	16.i-11.ii.2011	Carste(Het) 0256
272	Insecta	Hymenoptera			2	GS-14	7769361	655201	06-16.vi.2011	Carste(Hym) 0279
156	Insecta	Hymenoptera			6	GS-14	7769361	655201	16.i-11.ii.2011	Carste(Hym)0201
155	Insecta	Hymenoptera			2	GS-14	7769361	655201	16.i-11.ii.2011	Carste(Hym)0203
274	Insecta	Diptera			1	GS-15	7767221	655130	06-16.vi.2011	Carste(Dipt) 0108
273	Insecta	Heteroptera			1	GS-15	7767221	655130	06-16.vi.2011	Carste(Het) 0143
274	Insecta	Heteroptera			1	GS-15	7767221	655130	06-16.vi.2011	Carste(Het) 0144
114	Insecta	Hymenoptera			1	GS-15	7767221	655130	16.i-11.ii.2011	Carste(Hym)0193
274	Insecta	Psocoptera	Epipsocus	sp.1	1	GS-15	7767221	655130	06-16.vi.2011	Carste(Pso) 0242
115	Insecta	Psocoptera			2	GS-15	7767221	655130	16.i-11.ii.2011	Carste(Pso) 0285
81	Insecta	Diptera	Cecidomyiinae		1	GS-16	7767323	655399	16.i-11.ii.2011	Carste(Dipt) 0051
81	Insecta	Diptera			1	GS-16	7767323	655399	06-16.vi.2011	Carste(Dipt) 0149
81	Insecta	Psocoptera	Ptiloneuropsis	sp.1	1	GS-16	7767323	655399	16.i-11.ii.2011	Carste(Pso) 0235
276	Insecta	Coleoptera			1	GS-17	7767406	655403	06-16.vi.2011	Carste(Coleo) 0980
11	Insecta	Coleoptera	Scolytinae	sp.1	1	GS-17	7784649	638212	26.iii-5.iv.2012	Carste(Coleo)0496
376	Insecta	Coleoptera	Pselaphinae	sp.1	2	GS-17	7762887	659945	06-16.vi.2011	Carste(Coleo)0521
V-64	Insecta	Coleoptera		sp.11	1	GS-17	7784649	638212	26.iii-5.iv.2012	Carste(Coleo)0934
V-64	Insecta	Diptera			1	GS-17	7784649	638212	26.iii-05.iv.2012	Carste(Dipt) 0012
V-64	Insecta	Diptera			1	GS-17	7784649	638212	26.iii-05.iv.2012	Carste(Dipt) 0018
V-64	Insecta	Diptera			2	GS-17	7784649	638212	26.iii-05.iv.2012	Carste(Dipt) 0023
V-63	Insecta	Diptera			2	GS-17	7767731	654836	26.iii-05.iv.2012	Carste(Dipt) 0031
135	Insecta	Diptera	Orfelia		1	GS-17	7767406	655403	16.i-11.ii.2011	Carste(Dipt) 0113
277	Insecta	Diptera			1	GS-17	7767406	655403	06-16.vi.2011	Carste(Dipt) 0145
277	Insecta	Heteroptera			1	GS-17	7767406	655403	06-16.vi.2011	Carste(Het) 0145
135	Insecta	Heteroptera			2	GS-17			i-ii.2011	Carste(Het) 0261
276	Insecta	Lepidoptera		sp.3	1	GS-17	7767406	655403	06-16.vi.2011	Carste(Lep)0151
276	Insecta	Lepidoptera		sp.3	1	GS-17	7767406	655403	06-16.vi.2011	Carste(Lep)0151
V-62	Insecta	Coleoptera		sp.2	1	GS-18	7767644	654884	26.iii-5.iv.2012	Carste(Coleo)0943
153	Insecta	Coleoptera		sp.7	1	GS-18	7766993	655809	16.i-11.ii.2011	Carste(Coleo)0953
V-61	Insecta	Diptera			1	GS-18	7767644	654884	26.iii-05.iv.2012	Carste(Dipt) 0021
V-62	Insecta	Diptera			1	GS-18	7767644	654884	26.iii-05.iv.2012	Carste(Dipt) 0025
280	Insecta	Diptera			3	GS-18	7766993	655809	06-16.vi.2011	Carste(Dipt) 0038
280	Insecta	Diptera			2	GS-18	7766993	655809	06-16.vi.2011	Carste(Dipt) 0121
106	Insecta	Diptera			1	GS-19	7767007	655827	16.i-11.ii.2011	Carste(Dipt) 0106
182	Insecta	Hymenoptera			1	GS-19	7767007	655827	06-16.vi.2011	Carste(Hym) 0257
106	Insecta	Hymenoptera			1	GS-19	7767007	655827	16.i-11.ii.2011	Carste(Hym)0248
106	Insecta	Psocoptera			1	GS-19	7767007	655827	16.i-11.ii.2011	Carste(Pso) 0283
281	Insecta	Psocoptera			2	GS-19	7767007	655827	06-16.vi.2011	Carste(Pso) 0313
91	Insecta	Coleoptera			1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Coleo) 0998
285	Insecta	Diptera			2	GS-20	7766985	655804	06-16.vi.2011	Carste(Dipt) 0039
85	Insecta	Diptera	Cecidomyiinae		1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Dipt) 0054
85	Insecta	Diptera	Culicini		1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Dipt) 0064
88	Insecta	Diptera	Metopininae		1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Dipt) 0081
91	Insecta	Diptera	Metopininae		3	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Dipt) 0086
283	Insecta	Diptera			1	GS-20	7766985	655804	06-16.vi.2011	Carste(Dipt) 0094
Cont.										

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
285	Insecta	Diptera			1	GS-20	7766985	655804	06-16.vi.2011	Carste(Dipt) 0097
91	Insecta	Diptera			1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Dipt) 0151
283	Insecta	Diptera	Strebla		2	GS-20	7766985	655804	06-16.vi.2011	Carste(Dipt) 0153
88	Insecta	Diptera			1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Dipt) 0177
283	Insecta	Diptera			1	GS-20	7766985	655804	06-16.vi.2011	Carste(Dipt) 0218
91	Insecta	Hymenoptera			3	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Hym)0191
85	Insecta	Hymenoptera			1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Hym)0195
85	Insecta	Psocoptera	Epipsocus	sp.2	1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Pso) 0204
95	Insecta	Psocoptera	Ptiloneuropsis	sp.1	1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Pso) 0234
91	Insecta	Psocoptera			1	GS-20	7766985	655804	16.i-11.ii.2011	Carste(Pso) 0288
285	Insecta	Psocoptera			1	GS-20	7766985	655804	06-16.vi.2011	Carste(Pso) 0312
202	Insecta	Coleoptera		sp.5	1	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Coleo)0958
287	Insecta	Diptera			1	GS-21	7766985	655814	06-16.vi.2011	Carste(Dipt) 0071
202	Insecta	Diptera			4	GS-21	7766985	655814	06-16.vi.2011	Carste(Dipt) 0099
203	Insecta	Diptera			1	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Dipt) 0117
202	Insecta	Diptera			1	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Dipt) 0184
201	Insecta	Diptera			1	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Dipt) 0193
203	Insecta	Heteroptera			1	GS-21	7766985	655814	06-16.vi.2011	Carste(Het) 0146
202	Insecta	Heteroptera	Psyllipsocus	sp.1	1	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Het) 0203
202	Insecta	Heteroptera			2	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Het) 0269
287	Insecta	Homoptera			1	GS-21	7766985	655814	06-16.vi.2011	Carste(Hom) 0018
202	Insecta	Homoptera		sp.1	1	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Hom) 0102
201	Insecta	Neuroptera			1	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Neu) 0014
202	Insecta	Psocoptera			2	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Pso) 0271
201	Insecta	Psocoptera			3	GS-21	7766985	655814	16.i-11.ii.2011	Carste(Pso) 0275
287	Insecta	Psocoptera			3	GS-21	7766985	655814	06-16.vi.2011	Carste(Pso)0321
138	Insecta	Diptera	Cecidomyiinae		1	GS-22	7760535	658769	16.i-11.ii.2011	Carste(Dipt) 0045
138	Insecta	Diptera			1	GS-22	7760535	658769	16.i-11.ii.2011	Carste(Dipt) 0182
289	Insecta	Diptera			1	GS-22	7760535	658769	06-16.vi.2011	Carste(Dipt) 0220
	Insecta	Heteroptera				GS-22	7760535	658769	16.i-11.ii.2011	Carste(Het) 0219
289	Insecta	Hymenoptera			1	GS-22	7760535	658769	06-16.vi.2011	Carste(Hym) 0295
99	Insecta	Hymenoptera			2	GS-22	7760535	658769	16.i-11.ii.2011	Carste(Hym)0206
99	Insecta	Lepidoptera			2	GS-22	7760535	658769	16.i-11.ii.2011	Carste(Lep) 0172
288	Insecta	Neuroptera			1	GS-22	7760535	658769	06-16.vi.2011	Carste(Neu) 0010
138	Insecta	Psocoptera	Nepticulomima	sp.1		GS-22	7760535	658769	16.i-11.ii.2011	Carste(Pso) 0209
99	Insecta	Psocoptera	Nepticulomima	sp.2	1	GS-22	7760535	658769	16.i-11.ii.2011	Carste(Pso) 0212
99	Insecta	Psocoptera			2	GS-22	7760535	658769	16.i-11.ii.2011	Carste(Pso) 0294
288	Insecta	Psocoptera			1	GS-22	7760535	658769	06-16.vi.2011	Carste(Pso) 0314
224	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Coleo)0929
223	Insecta	Coleoptera		sp.2	1	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Coleo)0948
223	Insecta	Diptera			1	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Dipt) 0066
290	Insecta	Diptera			1	GS-23	7761546	659173	06-16.vi.2011	Carste(Dipt) 0133
290	Insecta	Diptera			1	GS-23	7761546	659173	06-16.vi.2011	Carste(Dipt) 0157
222	Insecta	Diptera			2	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Dipt) 0162
291	Insecta	Diptera			1	GS-23	7761546	659173	06-16.vi.2011	Carste(Dipt) 0163
290	Insecta	Diptera			2	GS-23	7761546	659173	06-16.vi.2011	Carste(Dipt) 0170
224	Insecta	Diptera			2	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Dipt) 0183
223	Insecta	Diptera			16	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Dipt) 0188
291	Insecta	Diptera			1	GS-23	7761546	659173	06-16.vi.2011	Carste(Dipt) 0208
290	Insecta	Diptera			1	GS-23	7761546	659173	06-16.vi.2011	Carste(Dipt) 0212
290	Insecta	Heteroptera	Cydninae	sp.1	1	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Het) 0133
289	Insecta	Hymenoptera			1	GS-23	7761546	659173	06-16.vi.2011	Carste(Het) 0132
290	Insecta	Hymenoptera			1	GS-23	7761546	659173	06-16.vi.2011	Carste(Hym) 0266
223	Insecta	Hymenoptera			1	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Hym)0185
224	Insecta	Hymenoptera			1	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Hym)0207
222	Insecta	Hymenoptera			3	GS-23	7761546	659173	16.i-11.ii.2011	Carste(Hym)0226

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DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
290	Insecta	Psocoptera			1	GS-23	7761546	659173	06-16.VI.2011	Carste(Pso) 0309
146	Insecta	Coleoptera		sp.2	1	GS-24	7766980	655796	16.i-11.ii.2011	Carste(Coleo)0947
294	Insecta	Diptera			1	GS-24	7766980	655796	06-16.vi.2011	Carste(Dipt) 0214
146	Insecta	Diptera			1	GS-24	7766980	655796	16.i-11.ii.2011	Carste(Dipt) 0238
292	Insecta	Heteroptera			1	GS-24	7766980	655796	06-16.VI.2011	Carste(Het) 0148
294	Insecta	Homoptera			1	GS-24	7766980	655796	06-16.vi.2011	Carste(Hom) 0014
294	Insecta	Homoptera			1	GS-24	7766980	655796	06-16.vi.2011	Carste(Hom) 0061
146	Insecta	Hymenoptera			3	GS-24	7766980	655796	16.i-11.ii.2011	Carste(Hym)0233
294	Insecta	Hymenoptera			1	GS-24	7766980	655796	06-16.vi.2011	Carste(Hym)0312
146	Insecta	Psocoptera			1	GS-24	7766980	655796	16.i-11.ii.2011	Carste(Pso) 0270
294	Insecta	Psocoptera			2	GS-24	7766980	655796	06-16.VI.2011	Carste(Pso)0326
294	Entognatha	Collembola			1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Het) 0134
299	Insecta	Coleoptera			3	GS-25	7765077	656764	06-16.vi.2011	Carste(Coleo) 0974
302	Insecta	Coleoptera			2	GS-25	7765077	656764	06-16.vi.2011	Carste(Coleo) 0982
119	Insecta	Coleoptera			1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Coleo) 1001
119	Insecta	Coleoptera		sp.1	1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Coleo)0487
302	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-25	7765077	656764	06-16.vi.2011	Carste(Coleo)0525
120	Insecta	Coleoptera	Pselaphinae	sp.1	2	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Coleo)0526
300	Insecta	Coleoptera	Pselaphinae	sp.1	2	GS-25	7765077	656764	06-16.vi.2011	Carste(Coleo)0927
302	Insecta	Coleoptera		sp.5	1	GS-25	7765077	656764	06-16.vi.2011	Carste(Coleo)0935
299	Insecta	Diptera			1	GS-25	7765077	656764	06-16.vi.2011	Carste(Dipt) 0036
121	Insecta	Diptera	Culicini		1	GS-25	7765077	656764	06-16.vi.2011	Carste(Dipt) 0062
302	Insecta	Diptera			1	GS-25	7765077	656764	06-16.vi.2011	Carste(Dipt) 0080
302	Insecta	Diptera			1	GS-25	7765077	656764	06-16.vi.2011	Carste(Dipt) 0089
297	Insecta	Diptera			1	GS-25	7765077	656764	06-16.vi.2011	Carste(Dipt) 0119
297	Insecta	Diptera			1	GS-25	7765077	656764	06-16.vi.2011	Carste(Dipt) 0127
301	Insecta	Diptera			1	GS-25	7765077	656764	06-16.vi.2011	Carste(Dipt) 0169
118	Insecta	Diptera			7	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Dipt) 0191
296	Insecta	Heteroptera			1	GS-25	7765077	656764	06-16.VI.2011	Carste(Het) 0149
301	Insecta	Heteroptera			1	GS-25	7765077	656764	06-16.VI.2011	Carste(Het) 0150
119	Insecta	Heteroptera			1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Het) 0201
119	Insecta	Heteroptera			1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Het) 0227
118	Insecta	Heteroptera			2	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Het) 0230
299	Insecta	Homoptera			3	GS-25	7765077	656764	06-16.vi.2011	Carste(Hom) 0021
300	Insecta	Homoptera			1	GS-25	7765077	656764	06-16.vi.2011	Carste(Hom) 0058
120	Insecta	Homoptera			1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Hom) 0078
121	Insecta	Homoptera			1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Hom) 0088
302	Insecta	Homoptera			2	GS-25	7765077	656764	06-16.vi.2011	Carste(Hom)0037
301	Insecta	Homoptera			4	GS-25	7765077	656764	06-16.vi.2011	Carste(Hom)0040
297	Insecta	Homoptera			1	GS-25	7765077	656764	06-16.vi.2011	Carste(Hom)0048
301	Insecta	Hymenoptera			1	GS-25	7765077	656764	06-16.VI.2011	Carste(Hym) 0273
298	Insecta	Hymenoptera			1	GS-25	7765077	656764	06-16.VI.2011	Carste(Hym) 0277
299	Insecta	Hymenoptera			3	GS-25	7765077	656764	06-16.VI.2011	Carste(Hym) 0281
121	Insecta	Hymenoptera			1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Hym) 0318
120	Insecta	Hymenoptera			2	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Hym)0198
116	Insecta	Hymenoptera			1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Hym)0205
117	Insecta	Hymenoptera			1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Hym)0238
119	Insecta	Hymenoptera			4	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Hym)0246
121	Insecta	Hymenoptera			3	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Hym)0247
297	Insecta	Hymenoptera			2	GS-25	7765077	656764	06-16.vi.2011	Carste(Hym)0263
300	Insecta	Hymenoptera			2	GS-25	7765077	656764	06-16.vi.2011	Carste(Hym)0305
302	Insecta	Hymenoptera			4	GS-25	7765077	656764	06-16.vi.2011	Carste(Hym)0315
301	Insecta	Psocoptera			2	GS-25	7765077	656764	06-16.VI.2011	Carste(Pso)0322
297	Insecta	Psocoptera			1	GS-25	7765077	656764	06-16.VI.2011	Carste(Pso)0327
117	Malacostraca	Isopoda		sp.1	1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Iso) 0438
121	Malacostraca	Isopoda		sp.1	1	GS-25	7765077	656764	16.i-11.ii.2011	Carste(Iso) 0439

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DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
300	Malacostraca	Isopoda			6	GS-25	7765077	656764	06-16.vi.2011	Carste(Iso) 0457
299	Malacostraca	Isopoda			1	GS-25	7765077	656764	06-16.vi.2011	Carste(Iso) 0458
305	Insecta	Coleoptera			1	GS-26	7763804	657474	06-16.vi.2011	Carste(Coleo) 0978
306	Insecta	Coleoptera			1	GS-26	7763804	657474	06-16.vi.2011	Carste(Coleo) 0983
210	Insecta	Coleoptera			1	GS-26	7763804	657474	16.i-11.ii.2011	Carste(Coleo) 0984
80	Insecta	Diptera	Bruchomyiinae		1	GS-26	7763804	657474	16.i-11.ii.2011	Carste(Dipt) 0077
210	Insecta	Diptera			1	GS-26	7763804	657474	16.i-11.ii.2011	Carste(Dipt) 0090
211	Insecta	Diptera			1	GS-26	7763804	657474	16.i-11.ii.2011	Carste(Dipt) 0192
302	Insecta	Heteroptera			1	GS-26	7763804	657474	06-16.vi.2011	Carste(Het) 0151
304	Insecta	Heteroptera			2	GS-26	7763804	657474	06-16.vi.2011	Carste(Het) 0155
306	Insecta	Heteroptera			2	GS-26	7763804	657474	06-16.vi.2011	Carste(Het) 0187
210	Insecta	Homoptera			1	GS-26	7763804	657474	16.i-11.ii.2011	Carste(Hom) 0090
305	Insecta	Homoptera			1	GS-26	7763804	657474	06-16.vi.2011	Carste(Hom) 0044
211	Insecta	Hymenoptera			3	GS-26	7763804	657474	16.i-11.ii.2011	Carste(Hym) 0251
306	Insecta	Hymenoptera			4	GS-26	7763804	657474	06-16.vi.2011	Carste(Hym) 0298
305	Insecta	Psocoptera	Epipsocus	sp.2	1	GS-26	7763804	657474	06-16.vi.2011	Carste(Pso) 0241
211	Insecta	Psocoptera			2	GS-26	7763804	657474	16.i-11.ii.2011	Carste(Pso) 0278
306	Insecta	Psocoptera			1	GS-26	7763804	657474	06-16.vi.2011	Carste(Pso) 0310
306	Malacostraca	Isopoda			1	GS-26	7763804	657474	06-16.vi.2011	Carste(Iso) 0441
211	Malacostraca	Isopoda		sp.1	2	GS-26	7763804	657474	16.i-11.ii.2011	Carste(Iso) 0447
308	Insecta	Coleoptera			1	GS-27	7765074	656751	06-16.vi.2011	Carste(Coleo) 0967
306	Insecta	Heteroptera			1	GS-27	7765074	656751	06-16.vi.2011	Carste(Het) 0156
308	Insecta	Hymenoptera			1	GS-27	7765074	656751	06-16.vi.2011	Carste(Hym) 0288
158	Insecta	Psocoptera	Nepticulomima	sp.2	2	GS-27	7765074	656751	16.i-11.ii.2011	Carste(Pso) 0214
308	Insecta	Psocoptera			3	GS-27	7765074	656751	06-16.vi.2011	Carste(Pso) 0305
307	Insecta	Psocoptera			1	GS-27	7765074	656751	06-16.vi.2011	Carste(Pso) 0336
308	Malacostraca	Isopoda			1	GS-27	7765074	656751	06-16.vi.2011	Carste(Iso) 0456
310	Insecta	Coleoptera		sp.4	2	GS-28	7765067	656742	06-16.vi.2011	Carste(Coleo) 0491
13	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-28	7765067	656742		Carste(Coleo) 0495
4	Insecta	Coleoptera	Pselaphinae	sp.5	1	GS-28	7765067	656742	16-17.vii.2010	Carste(Coleo) 0541
107	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-28	7765067	656742	16.i-11.ii.2011	Carste(Coleo) 0543
13	Insecta	Coleoptera	Pselaphinae	sp.5	1	GS-28	7765067	656742		Carste(Coleo) 0544
107	Insecta	Diptera			3	GS-28	7765067	656742	16.i-11.ii.2011	Carste(Dipt) 0195
308	Insecta	Heteroptera			1	GS-28	7765067	656742	06-16.vi.2011	Carste(Het) 0157
310	Insecta	Heteroptera				GS-28	7765067	656742	16.i-11.ii.2011	Carste(Het) 0214
242	Insecta	Heteroptera				GS-28	7765067	656742	16.i-11.ii.2011	Carste(Het) 0216
309	Insecta	Homoptera		sp.1	1	GS-28	7765067	656742	06-16.vi.2011	Carste(Hom) 0009
310	Insecta	Hymenoptera			7	GS-28	7765067	656742	06-16.vi.2011	Carste(Hym) 0286
309	Insecta	Hymenoptera			1	GS-28	7765067	656742	06-16.vi.2011	Carste(Hym) 0287
107	Insecta	Hymenoptera			3	GS-28	7765067	656742	16.i-11.ii.2011	Carste(Hym) 0212
309	Insecta	Psocoptera	Trichocaecilius	sp.	1	GS-28	7765067	656742	06-16.vi.2011	Carste(Pso) 0338
V-65	Insecta	Coleoptera	Scolytinae	sp.1	1	GS-29	7765074	656751	26.iii-5.iv.2012	Carste(Coleo) 0934
66	Insecta	Coleoptera		sp.3	1	GS-29	7765056	656723	16.i-11.ii.2011	Carste(Coleo) 0941
V-66	Insecta	Coleoptera		sp.11	2	GS-29	7765056	656723	26.iii-5.iv.2012	Carste(Coleo) 0962
V-66	Insecta	Diptera			1	GS-29	7765056	656723	26.iii-05.iv.2012	Carste(Dipt) 0013
V-66	Insecta	Diptera			1	GS-29	7765056	656723	26.iii-05.iv.2012	Carste(Dipt) 0024
33	Insecta	Diptera			1	GS-29	7765056	656723	06-16.vi.2011	Carste(Dipt) 0154
134	Insecta	Diptera			1	GS-29	7765056	656723	16.i-11.ii.2011	Carste(Dipt) 0196
133	Insecta	Heteroptera			1	GS-29	7765056	656723	06-16.vi.2011	Carste(Het) 0129
311	Insecta	Heteroptera	Reduviinae	Jovem	1	GS-29	7765056	656723	06-16.vi.2011	Carste(Het) 0158
310	Insecta	Heteroptera			1	GS-29	7765056	656723	16.i-11.ii.2011	Carste(Het) 0221
66	Insecta	Heteroptera			1	GS-29	7765056	656723	16.i-11.ii.2011	Carste(Het) 0262
134	Insecta	Hymenoptera			2	GS-29	7765056	656723	16.i-11.ii.2011	Carste(Hym) 0235
313	Insecta	Hymenoptera			1	GS-29	7765056	656723	06-16.vi.2011	Carste(Hym) 0262
133	Insecta	Psocoptera			2	GS-29	7765056	656723	16.i-11.ii.2011	Carste(Pso) 0261
134	Insecta	Psocoptera			2	GS-29	7765056	656723	16.i-11.ii.2011	Carste(Pso) 0293
Cont.										

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
313	Insecta	Psocoptera			3	GS-29	7765056	656723	06-16.VI.2011	Carste(Pso)0334
317	Insecta	Coleoptera			1	GS-30	7765059	656725	06-16.vi.2011	Carste(Coleo) 0979
V-68	Insecta	Coleoptera		sp.2	2	GS-30	7765067	656742	26.iii-5.iv.2012	Carste(Coleo)0499
V-68	Insecta	Coleoptera		sp.11	1	GS-30	7765067	656742	26.iii-5.iv.2012	Carste(Coleo)0500
V 67	Insecta	Coleoptera	Scolytinae	sp.1	2	GS-30	7765067	656742	26.iii-5.iv.2012	Carste(Coleo)0933
316	Insecta	Coleoptera		sp.9	1	GS-30	7765059	656725	06-16.vi.2011	Carste(Coleo)0964
V-68	Insecta	Diptera			1	GS-30	7765067	656742	26.iii-05.iv.2012	Carste(Dipt) 0014
V-68	Insecta	Diptera			1	GS-30	7765067	656742	26.iii-05.iv.2012	Carste(Dipt) 0015
V-67	Insecta	Diptera			5	GS-30	7765067	656742	26.iii-05.iv.2012	Carste(Dipt) 0027
V-68	Insecta	Diptera			4	GS-30	7765067	656742	26.iii-05.iv.2012	Carste(Dipt) 0030
315	Insecta	Diptera			1	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Dipt) 0032
206	Insecta	Diptera			1	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Dipt) 0034
405	Insecta	Diptera			1	GS-30	7765059	656725	06-16.vi.2011	Carste(Dipt) 0079
205	Insecta	Heteroptera			1	GS-30	7765059	656725	06-16.VI.2011	Carste(Het) 0159
316	Insecta	Heteroptera			2	GS-30	7765059	656725	06-16.VI.2011	Carste(Het) 0160
57	Insecta	Heteroptera			1	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Het) 0213
204	Insecta	Heteroptera	Reduviinae	Jovem	1	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Het) 0243
313	Insecta	Heteroptera			2	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Het) 0268
204	Insecta	Homoptera			1	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Hom) 0091
205	Insecta	Homoptera		sp.1	1	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Hom) 0103
314	Insecta	Homoptera			2	GS-30	7765059	656725	06-16.vi.2011	Carste(Hom)0041
204	Insecta	Lepidoptera			1	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Lep) 0170
316	Insecta	Neuroptera			1	GS-30	7765059	656725	06-16.vi.2011	Carste(Neu) 0005
207	Insecta	Psocoptera	Ptiloneura	sp.2	1	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Pso) 0233
204	Insecta	Psocoptera			1	GS-30	7765059	656725	16.i-11.ii.2011	Carste(Pso) 0272
315	Insecta	Psocoptera			1	GS-30			06-16.vi.2011	Carste(Pso)0323
315	Insecta	Psocoptera			1	GS-30	7765059	656725	06-16.VI.2011	Carste(Pso)0331
315	Malacostraca	Isopoda			1	GS-30	7765059	656725	06-16.vi.2011	Carste(Iso) 0440
214	Insecta	Coleoptera			1	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Coleo) 0988
218	Insecta	Coleoptera			1	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Coleo) 0990
216	Insecta	Coleoptera			4	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Coleo) 1007
V-73	Insecta	Diptera			1	GS-31	7764689	657141	26.iii-05.iv.2012	Carste(Dipt) 0016
V-71	Insecta	Diptera			1	GS-31	7764689	657141	26.iii-05.iv.2012	Carste(Dipt) 0019
V-74	Insecta	Diptera			1	GS-31	7764689	657141	26.iii-05.iv.2012	Carste(Dipt) 0020
V-07	Insecta	Diptera			1	GS-31	7764689	657141	26.iii-05.iv.2012	Carste(Dipt) 0028
214	Insecta	Diptera			1	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Dipt) 0046
324	Insecta	Diptera			1	GS-31	7764689	657141	06-16.vi.2011	Carste(Dipt) 0048
217	Insecta	Diptera			1	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Dipt) 0148
219	Insecta	Diptera			1	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Dipt) 0178
217	Insecta	Heteroptera			1	GS-31	7764689	657141	06-16.VI.2011	Carste(Het) 0161
320	Insecta	Heteroptera			1	GS-31	7764689	657141	06-16.VI.2011	Carste(Het) 0193
323	Insecta	Heteroptera			1	GS-31	7764689	657141	06-16.VI.2011	Carste(Het) 0198
317	Insecta	Heteroptera			2	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Het) 0265
321	Insecta	Homoptera			4	GS-31	7764689	657141	06-16.vi.2011	Carste(Hom) 0019
324	Insecta	Homoptera			1	GS-31	7764689	657141	06-16.vi.2011	Carste(Hom) 0023
218	Insecta	Homoptera			3	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Hom) 0066
215	Insecta	Homoptera			1	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Hom) 0070
214	Insecta	Homoptera			1	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Hom) 0087
323	Insecta	Homoptera			1	GS-31	7764689	657141	06-16.vi.2011	Carste(Hom)0043
217	Insecta	Homoptera			1	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Hom)0094
322	Insecta	Hymenoptera			3	GS-31	7764689	657141	06-16.VI.2011	Carste(Hym) 0283
322	Insecta	Lepidoptera			1	GS-31	7764689	657141	06-16.vi.2011	Carste(Lep) 0179
320	Insecta	Neuroptera			1	GS-31	7764689	657141	06-16.vi.2011	Carste(Neu) 0001
217	Insecta	Neuroptera			1	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Neu) 0013
324	Insecta	Psocoptera	Psyllipsocus	sp.2	4	GS-31	7764689	657141	06-16.VI.2011	Carste(Pso) 0239
218	Insecta	Psocoptera			4	GS-31	7764689	657141	16.i-11.ii.2011	Carste(Pso) 0259

Cont.

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
217	Insecta	Psocoptera			1	GS-31	7764689	657141	16.I-11.II.2011	Carste(Pso) 0267
322	Insecta	Psocoptera			1	GS-31	7764689	657141	06-16.VI.2011	Carste(Pso)0318
320	Insecta	Psocoptera			2	GS-31	7764689	657141	06-16.VI.2011	Carste(Pso)0325
217	Malacostraca	Isopoda		sp.1	1	GS-31	7764689	657141	16.I-11.II.2011	Carste(Iso) 0446
V-70	Insecta	Coleoptera		sp.2	1	GS-32	7765056	656732	26.III-5.IV.2012	Carste(Coleo)0501
V-69	Insecta	Coleoptera		sp.11	1	GS-32	7765056	656723	26.III-5.IV.2012	Carste(Coleo)0940
154	Insecta	Diptera	Bruchomyiinae		2	GS-32	7764701	657140	16.I-11.II.2011	Carste(Dipt) 0072
325	Insecta	Diptera			1	GS-32	7764701	657140	06-16.VI.2011	Carste(Dipt) 0129
154	Insecta	Diptera	Schwenkfeldina		1	GS-32	7764701	657140	16.I-11.II.2011	Carste(Dipt) 0140
V-70	Insecta	Diptera			1	GS-32	7765056	656723	26.III-05.IV.2012	Carste(Dipt) 0222
325	Insecta	Hymenoptera			1	GS-32	7764701	657140	06-16.VI.2011	Carste(Hym)0271
339	Insecta	Coleoptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Coleo) 0966
333	Insecta	Coleoptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Coleo) 0970
335	Insecta	Coleoptera			2	GS-33	7764714	657136	06-16.VI.2011	Carste(Coleo) 0971
340	Insecta	Coleoptera			2	GS-33	7764714	657136	16.I-11.II.2011	Carste(Coleo) 0972
239	Insecta	Coleoptera			3	GS-33	7764714	657136	16.I-11.II.2011	Carste(Coleo) 0993
240	Insecta	Coleoptera			2	GS-33	7764714	657136	16.I-11.II.2011	Carste(Coleo) 0999
231	Insecta	Coleoptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Coleo) 1002
236	Insecta	Coleoptera			2	GS-33	7764714	657136	16.I-11.II.2011	Carste(Coleo) 1008
333	Insecta	Coleoptera		sp.1	1	GS-33	7764714	657136	06-16.VI.2011	Carste(Coleo)0489
336	Insecta	Coleoptera		sp.3	1	GS-33	7764714	657136	06-16.VI.2011	Carste(Coleo)0492
336	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-33	7764714	657136	VI.2011	Carste(Coleo)0517
186	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Coleo)0530
227	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Coleo)0925
335	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-33	7764714	657133	06-16.VI.2011	Carste(Coleo)0936
345	Insecta	Diptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Dipt) 0033
233	Insecta	Diptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Dipt) 0044
335	Insecta	Diptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Dipt) 0069
343	Insecta	Diptera			2	GS-33	7764714	657136	16.I-11.II.2011	Carste(Dipt) 0091
227	Insecta	Diptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Dipt) 0124
341	Insecta	Diptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Dipt) 0131
233	Insecta	Diptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Dipt) 0150
347	Insecta	Diptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Dipt) 0198
227	Insecta	Heteroptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Het) 0128
236	Insecta	Heteroptera				GS-33	7764714	657136	06-16.VI.2011	Carste(Het) 0131
332	Insecta	Heteroptera	Pangaeus	sp.1	1	GS-33	7764714	657136	06-16.VI.2011	Carste(Het) 0162
333	Insecta	Heteroptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Het) 0163
335	Insecta	Heteroptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Het) 0164
336	Insecta	Heteroptera			2	GS-33	7764714	657136	06-16.VI.2011	Carste(Het) 0165
343	Insecta	Heteroptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Het) 0166
345	Insecta	Heteroptera			2	GS-33	7764714	657136	16.I-11.II.2011	Carste(Het) 0215
325	Insecta	Heteroptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Het) 0228
231	Insecta	Heteroptera				GS-33	7764714	657136	16.I-11.II.2011	Carste(Het) 0257
327	Insecta	Heteroptera	Reduviinae	Jovem	1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Hom) 0266
345	Insecta	Homoptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Hom) 0020
338	Insecta	Homoptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Hom) 0027
340	Insecta	Homoptera			4	GS-33	7764714	657136	06-16.VI.2011	Carste(Hom) 0028
333	Insecta	Homoptera			2	GS-33	7764714	657136	06-16.VI.2011	Carste(Hom) 0059
221	Insecta	Homoptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Hom) 0064
231	Insecta	Homoptera			2	GS-33	7764714	657136	16.I-11.II.2011	Carste(Hom) 0073
239	Insecta	Homoptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Hom) 0082
335	Insecta	Homoptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Hom)0036
339	Insecta	Homoptera			3	GS-33	7764714	657136	06-16.VI.2011	Carste(Hom)0050
241	Insecta	Homoptera			1	GS-33	7764714	657136	16.I-11.II.2011	Carste(Hom)0093
332	Insecta	Hymenoptera			5	GS-33	7764714	657136	06-16.VI.2011	Carste(Hym) 0254
343	Insecta	Hymenoptera			1	GS-33	7764714	657136	06-16.VI.2011	Carste(Hym) 0268
Cont.										

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
241	Insecta	Hymenoptera			1	GS-33	7764714	657136	16.i-11.ii.2011	Carste(Hym)0192
228	Insecta	Hymenoptera			1	GS-33	7764714	657136	16.i-11.ii.2011	Carste(Hym)0210
231	Insecta	Hymenoptera			1	GS-33	7764714	657136	16.i-11.ii.2011	Carste(Hym)0227
347	Insecta	Hymenoptera			1	GS-33	7764714	657136	16.i-11.ii.2011	Carste(Hym)0255
338	Insecta	Hymenoptera			1	GS-33	7764714	657136	06-16.vi.2011	Carste(Hym)0302
335	Insecta	Hymenoptera			1	GS-33	7764714	657136	06-16.vi.2011	Carste(Hym)0313
335	Insecta	Lepidoptera		sp.3	1	GS-33	7764714	657136	06-16.vi.2011	Carste(Lep)0154
335	Insecta	Lepidoptera		sp.3	1	GS-33	7764714	657136	06-16.vi.2011	Carste(Lep)0154
336	Insecta	Neuroptera			1	GS-33	7764714	657136	06-16.vi.2011	Carste(Neu) 0006
335	Insecta	Neuroptera			1	GS-33	7764714	657136	06-16.vi.2011	Carste(Neu) 0008
227	Insecta	Neuroptera			2	GS-33	7764714	657136	16.i-11.ii.2011	Carste(Neu) 0018
227	Insecta	Psocoptera			6	GS-33	7764714	657136	16.i-11.ii.2011	Carste(Pso) 0276
241	Insecta	Psocoptera			2	GS-33	7764714	657136	16.i-11.ii.2011	Carste(Pso) 0292
335	Insecta	Psocoptera			2	GS-33	7764714	657136	06-16.VI.2011	Carste(Pso) 0303
343	Insecta	Psocoptera			5	GS-33	7764714	657136	16.i-11.ii.2011	Carste(Pso)0329
336	Insecta	Psocoptera			4	GS-33	7764714	657136	06-16.VI.2011	Carste(Pso)0335
236	Malacostraca	Isopoda		sp.1	1	GS-33	7764714	657136	16.i-11.ii.2011	Carste(Iso) 0449
910	Malacostraca	Isopoda		sp.2	2	GS-33	7764714	657136	11-23.viii.2014	Carste(Iso) 0450
351	Insecta	Diptera			1	GS-34	7761236	658745	06-16.vi.2011	Carste(Dipt) 0040
353	Insecta	Diptera			1	GS-34	7761236	658745	06-16.vi.2011	Carste(Dipt) 0116
350	Insecta	Diptera			1	GS-34	7761236	658745	06-16.vi.2011	Carste(Dipt) 0172
167	Insecta	Diptera			2	GS-34	7761236	658745	16.i-11.ii.2011	Carste(Dipt) 0190
351	Insecta	Diptera			1	GS-34	7761236	658745	06-16.vi.2011	Carste(Dipt) 0197
351	Insecta	Homoptera			1	GS-34	7761236	658745	06-16.vi.2011	Carste(Hom) 0029
167	Insecta	Lepidoptera			1	GS-34	7761236	658745	16.i-11.ii.2011	Carste(Lep) 0173
169	Insecta	Coleoptera		sp.2	1	GS-35	7767938	655618	16.i-11.ii.2011	Carste(Coleo)0949
V-81	Insecta	Diptera			1	GS-35	7764689	657141	26.iii-05.iv.2012	Carste(Dipt) 0017
V-86	Insecta	Diptera			1	GS-35	7764689	657141	26.iii-05.iv.2012	Carste(Dipt) 0026
V-83	Insecta	Diptera			1	GS-35	7764689	657141	26.iii-05.iv.2012	Carste(Dipt) 0029
194	Insecta	Hymenoptera			4	GS-35	7762623	660674	16.i-11.ii.2011	Carste(Hym)0197
168	Insecta	Hymenoptera			3	GS-35	7767938	655618	16.i-11.ii.2011	Carste(Hym)0217
122	Insecta	Coleoptera		sp.4	1	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Coleo)0506
105	Insecta	Diptera	Sabethini		3	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Dipt) 0060
136	Insecta	Diptera			1	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Dipt) 0189
	Insecta	Heteroptera			1	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Het) 0233
59	Insecta	Heteroptera			1	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Het) 0235
122	Insecta	Homoptera			1	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Hom) 0031
38	Insecta	Hymenoptera			1	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Hym)0200
136	Insecta	Neuroptera			1	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Neu) 0015
136	Insecta	Psocoptera	Nepticulomima	sp.1		GS-36	7767883	655674	16.i-11.ii.2011	Carste(Pso) 0219
136	Insecta	Psocoptera			1	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Pso) 0287
122	Malacostraca	Isopoda			1	GS-36	7767883	655674	16.i-11.ii.2011	Carste(Iso) 0455
242	Insecta	Coleoptera		sp.1	1	GS-37	7767930	655600	16.i-11.ii.2011	Carste(Coleo)0486
242	Insecta	Coleoptera		sp.1	1	GS-37	7767930	655600	16.i-11.ii.2011	Carste(Coleo)0955
	Insecta	Heteroptera			1	GS-37	7767930	655600	16.i-11.ii.2011	Carste(Het) 0237
220	Insecta	Homoptera			1	GS-37	7767930	655600	16.i-11.ii.2011	Carste(Hom) 0079
220	Insecta	Homoptera		sp.1	1	GS-37	7767930	655600	16.i-11.ii.2011	Carste(Hom)0096
220	Insecta	Hymenoptera			1	GS-37	7767930	655600	16.i-11.ii.2011	Carste(Hym) 0317
220	Insecta	Hymenoptera			3	GS-37	7767930	655600	16.i-11.ii.2011	Carste(Hym)0216
360	Insecta	Coleoptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Coleo) 0969
357	Insecta	Coleoptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Coleo) 0976
194	Insecta	Coleoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Coleo) 0989
189	Insecta	Coleoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Coleo) 0994
182	Insecta	Coleoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Coleo) 0997
362	Insecta	Coleoptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Coleo)0480
363	Insecta	Coleoptera		sp.1	1	GS-38	7762623	660674	06-16.vi.2011	Carste(Coleo)0482

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DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
364	Insecta	Coleoptera		sp.1	1	GS-38	7762623	660674	06-16.vi.2011	Carste(Coleo)0484
182	Insecta	Coleoptera	Pselaphinae	sp.2	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Coleo)0493
187	Insecta	Coleoptera	Pselaphinae	sp.1	2	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Coleo)0518
193	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-38	7762623	660674	i-ii.2011	Carste(Coleo)0522
358	Insecta	Coleoptera	Pselaphinae	sp.1	4	GS-38	7762623	660674	vi.2011	Carste(Coleo)0542
182	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-38	7762623	660674	i-vii.2011	Carste(Coleo)0926
357	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-38	7762623	660674	vi.2011	Carste(Coleo)0928
364	Insecta	Coleoptera		sp.1	1	GS-38	7762623	660674	vi.2011	Carste(Coleo)0939
185	Insecta	Coleoptera		sp.2	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Coleo)0942
189	Insecta	Coleoptera		sp.2	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Coleo)0950
365	Insecta	Coleoptera		sp.6	2	GS-38	7762623	660674	06-16.vi.2011	Carste(Coleo)0960
362	Insecta	Diptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Dipt) 0041
364	Insecta	Diptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Dipt) 0043
190	Insecta	Diptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Dipt) 0059
43	Insecta	Diptera			2	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Dipt) 0107
357	Insecta	Diptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Dipt) 0126
364	Insecta	Diptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Dipt) 0130
188	Insecta	Diptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Dipt) 0134
359	Insecta	Diptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Dipt) 0147
190	Insecta	Diptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Dipt) 0176
189	Insecta	Diptera			3	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Dipt) 0179
361	Insecta	Diptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Dipt) 0215
357	Insecta	Diptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Dipt) 0219
361	Insecta	Embioptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Emb) 0011
363	Insecta	Embioptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Emb) 0012
51	Insecta	Heteroptera			1	GS-38	7762623	660674	06-16.VI.2011	Carste(Het) 0167
194	Insecta	Heteroptera			2	GS-38	7762623	660674	06-16.VI.2011	Carste(Het) 0168
357	Insecta	Heteroptera			1	GS-38	7762623	660674	06-16.VI.2011	Carste(Het) 0169
358	Insecta	Heteroptera			2	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Het) 0191
361	Insecta	Heteroptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Het) 0192
	Insecta	Heteroptera	Carollia	perspicillata	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Het) 0199
	Insecta	Heteroptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Het) 0239
39	Insecta	Heteroptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Het) 0241
181	Insecta	Heteroptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Het) 0252
355	Insecta	Homoptera		sp.2	1	GS-38	7762623	660674	06-16.vi.2011	Carste(Hom) 0054
185	Insecta	Homoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Hom) 0071
183	Insecta	Homoptera			2	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Hom) 0077
193	Insecta	Homoptera			1	GS-38	7762623	660674	i-ii.2011	Carste(Hom) 0105
304	Insecta	Homoptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Hom)0045
360	Insecta	Homoptera			2	GS-38	7762623	660674	06-16.vi.2011	Carste(Hom)0046
359	Insecta	Homoptera			3	GS-38	7762623	660674	06-16.vi.2011	Carste(Hom)0049
192	Insecta	Homoptera		sp.1	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Hom)0101
363	Insecta	Hymenoptera			2	GS-38	7762623	660674	06-16.VI.2011	Carste(Hym) 0272
358	Insecta	Hymenoptera			2	GS-38	7762623	660674	06-16.VI.2011	Carste(Hym) 0276
359	Insecta	Hymenoptera			1	GS-38	7762623	660674	06-16.VI.2011	Carste(Hym) 0278
365	Insecta	Hymenoptera			1	GS-38	7762623	660674	06-16.VI.2011	Carste(Hym) 0285
187	Insecta	Hymenoptera			3	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Hym)0188
189	Insecta	Hymenoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Hym)0223
188	Insecta	Hymenoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Hym)0230
190	Insecta	Hymenoptera			2	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Hym)0244
357	Insecta	Hymenoptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Hym)0256
191	Insecta	Lepidoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Lep) 0163
183	Insecta	Lepidoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Lep) 0171
361	Insecta	Lepidoptera			1	GS-38	7762623	660674	06-16.vi.2011	Carste(Lep) 0174
193	Insecta	Lepidoptera		sp.6	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Lep)0145
193	Insecta	Lepidoptera		sp.6	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Lep)0145

Cont.

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
43	Insecta	Lepidoptera		sp.6	1	GS-38	7762623	660674	06-16.vi.2011	Carste(Lep)0148
43	Insecta	Lepidoptera		sp.6	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Lep)0148
43	Insecta	Lepidoptera		sp.4	1	GS-38	7762623	660674	i-ii.2011	Carste(Lep)0156
43	Insecta	Lepidoptera		sp.4	1	GS-38	7762623	660674	i-ii.2011	Carste(Lep)0156
190	Insecta	Psocoptera	Neptikulomima	sp.2	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Pso) 0218
190	Insecta	Psocoptera	Ptiloneura	sp.1	1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Pso) 0230
363	Insecta	Psocoptera	Neptikulomima	sp.2	2	GS-38	7762623	660674	06-16.VI.2011	Carste(Pso) 0243
358	Insecta	Psocoptera	Neptikulomima	sp.1	1	GS-38	7762623	660674	06-16.VI.2011	Carste(Pso) 0250
195	Insecta	Psocoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Pso) 0255
189	Insecta	Psocoptera			1	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Pso) 0265
180	Insecta	Psocoptera			3	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Pso) 0284
187	Insecta	Psocoptera			3	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Pso) 0290
364	Insecta	Psocoptera			1	GS-38	7762623	660674	06-16.VI.2011	Carste(Pso) 0307
358	Insecta	Psocoptera			1	GS-38	7762623	660674	06-16.VI.2011	Carste(Pso) 0308
360	Insecta	Psocoptera			1	GS-38	7762623	660674	06-16.VI.2011	Carste(Pso)0324
188	Malacostraca	Isopoda		sp.1	2	GS-38	7762623	660674	16.i-11.ii.2011	Carste(Iso) 0448
179	Insecta	Coleoptera		sp.2	1	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Coleo)0481
371	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-39	7762622	660655	vi.2011	Carste(Coleo)0524
372	Insecta	Coleoptera	Pselaphinae	sp.1	3	GS-39	7762622	660655	06-16.vi.2011	Carste(Coleo)0529
177	Insecta	Coleoptera	Pselaphinae	sp.1	2	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Coleo)0938
67	Insecta	Diptera			2	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Dipt) 0103
67	Insecta	Diptera	Scatopsiara		1	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Dipt) 0143
177	Insecta	Diptera			1	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Dipt) 0167
179	Insecta	Diptera			1	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Dipt) 0186
372	Insecta	Diptera			1	GS-39	7762622	660655	06-16.vi.2011	Carste(Dipt) 0201
364	Insecta	Heteroptera			1	GS-39	7762622	660655	06-16.VI.2011	Carste(Het) 0170
177	Insecta	Heteroptera			2	GS-39	7762622	660655	06-16.VI.2011	Carste(Het) 0171
364	Insecta	Heteroptera			1	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Het) 0246
67	Insecta	Homoptera			1	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Hom) 0083
179	Insecta	Homoptera			1	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Hom) 0085
372	Insecta	Homoptera			2	GS-39	7762622	660655	06-16.vi.2011	Carste(Hom)0035
177	Insecta	Homoptera			1	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Hom)0097
177	Insecta	Hymenoptera			1	GS-39	7762622	660655	16.i-11.ii.2011	Carste(Hym)0228
371	Insecta	Hymenoptera			5	GS-39	7762622	660655	06-16.vi.2011	Carste(Hym)0306
372	Insecta	Hymenoptera			3	GS-39	7762622	660655	06-16.vi.2011	Carste(Hym)0310
198	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Coleo)0519
375	Insecta	Coleoptera	Pselaphinae	sp.1	4	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Coleo)0523
197	Insecta	Coleoptera		sp.8	1	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Coleo)0959
197	Insecta	Dermaptera			1	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Der) 0001
376	Insecta	Diptera			1	GS-40	7762887	659945	06-16.vi.2011	Carste(Dipt) 0055
375	Insecta	Diptera			4	GS-40	7762887	659945	06-16.vi.2011	Carste(Dipt) 0092
197	Insecta	Diptera			1	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Dipt) 0165
198	Insecta	Diptera			5	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Dipt) 0181
375	Insecta	Diptera			2	GS-40	7762887	659945	06-16.vi.2011	Carste(Dipt) 0206
378	Insecta	Diptera			1	GS-40	7762887	659945	06-16.vi.2011	Carste(Dipt) 0210
376	Insecta	Diptera			1	GS-40	7762887	659945	06-16.vi.2011	Carste(Dipt) 0211
377	Insecta	Diptera			1	GS-40	7762887	659945	06-16.vi.2011	Carste(Dipt) 0216
34	Insecta	Heteroptera	Zerulus sp.2		2	GS-40	7762887	659945	06-16.VI.2011	Carste(Het) 0172
197	Insecta	Heteroptera			2	GS-40	7762887	659945	06-16.VI.2011	Carste(Het) 0173
372	Insecta	Heteroptera			1	GS-40	7762887	659945	06-16.VI.2011	Carste(Het) 0203
372	Insecta	Heteroptera			11	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Het) 0247
377	Insecta	Homoptera		sp.2	1	GS-40	7762887	659945	06-16.vi.2011	Carste(Hom) 0056
375	Insecta	Homoptera		sp.2	1	GS-40	7762887	659945	06-16.vi.2011	Carste(Hom)0052
197	Insecta	Hymenoptera			4	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Hym)0184
375	Insecta	Lepidoptera			1	GS-40	7762887	659945	06-16.vi.2011	Carste(Lep) 0177
62	Insecta	Lepidoptera		sp.1	1	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Lep)0158

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DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
62	Insecta	Lepidoptera		sp.1	1	GS-40	7762887	659945	16.i-11.ii.2011	Carste(Lep)0158
378	Insecta	Psocoptera	Nepticulomima	sp.1	1	GS-40	7762887	659945	06-16.VI.2011	Carste(Pso) 0246
376	Insecta	Psocoptera			2	GS-40	7762887	659945	06-16.VI.2011	Carste(Pso)0319
383	Insecta	Coleoptera			1	GS-41	7762624	660635	06-16.vi.2011	Carste(Coleo) 0968
380	Insecta	Coleoptera			1	GS-41	7762624	660635	06-16.vi.2011	Carste(Coleo) 1009
384	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-41	7762624	660635	06-16.vi.2011	Carste(Coleo)0930
96	Insecta	Coleoptera		sp.2	1	GS-41	7762624	660635	16.i-11.ii.2011	Carste(Coleo)0944
383	Insecta	Coleoptera		sp.2	1	GS-41	7762624	660635	06-16.vi.2011	Carste(Coleo)0951
382	Insecta	Diptera			1	GS-41	7762624	660635	06-16.vi.2011	Carste(Dipt) 0053
384	Insecta	Diptera			1	GS-41	7762624	660635	06-16.vi.2011	Carste(Dipt) 0087
383	Insecta	Diptera			4	GS-41	7762624	660635	06-16.vi.2011	Carste(Dipt) 0098
86	Insecta	Diptera			2	GS-41	7762624	660635	16.i-11.ii.2011	Carste(Dipt) 0180
89	Insecta	Diptera			1	GS-41	7762624	660635	16.i-11.ii.2011	Carste(Dipt) 0194
384	Insecta	Diptera			1	GS-41	7762624	660635	16.i-11.ii.2011	Carste(Dipt) 0200
381	Insecta	Diptera			2	GS-41	7762624	660635	06-16.vi.2011	Carste(Dipt) 0217
378	Insecta	Heteroptera			1	GS-41	7762624	660635	06-16.VI.2011	Carste(Het) 0174
96	Insecta	Heteroptera			3	GS-41	7762624	660635	06-16.VI.2011	Carste(Het) 0189
382	Insecta	Homoptera			1	GS-41	7762624	660635	06-16.vi.2011	Carste(Hom) 0026
379	Insecta	Homoptera		sp.2	1	GS-41	7762624	660635	06-16.vi.2011	Carste(Hom) 0055
348	Insecta	Homoptera			1	GS-41	7762624	660635	06-16.vi.2011	Carste(Hom) 0062
97	Insecta	Homoptera		sp.1	4	GS-41	7762624	660635	16.i-11.ii.2011	Carste(Hom)0057
382	Insecta	Hymenoptera			1	GS-41	7762624	660635	06-16.VI.2011	Carste(Hym) 0261
383	Insecta	Hymenoptera			1	GS-41	7762624	660635	06-16.VI.2011	Carste(Hym) 0275
384	Insecta	Hymenoptera			2	GS-41	7762624	660635	06-16.vi.2011	Carste(Hym)0299
86	Insecta	Psocoptera			1	GS-41	7762624	660635	16.i-11.ii.2011	Carste(Pso) 0286
383	Insecta	Psocoptera			1	GS-41	7762624	660635	06-16.VI.2011	Carste(Pso) 0315
383	Malacostraca	Isopoda			1	GS-41	7762624	660635	06-16.vi.2011	Carste(Iso) 0442
386	Insecta	Diptera			1	GS-42	7769200	654700	06-16.vi.2011	Carste(Dipt) 0058
387	Insecta	Diptera			1	GS-42	7769200	654700	06-16.vi.2011	Carste(Dipt) 0074
159	Insecta	Diptera	Metopininae		1	GS-42	7769200	654700	06-16.vi.2011	Carste(Dipt) 0083
387	Insecta	Diptera			1	GS-42	7769200	654700	06-16.vi.2011	Carste(Dipt) 0207
384	Insecta	Heteroptera			1	GS-42	7769200	654700	06-16.VI.2011	Carste(Het) 0175
160	Insecta	Heteroptera			1	GS-42	7769200	654700	06-16.VI.2011	Carste(Het) 0176
384	Insecta	Heteroptera			1	GS-42	7769200	654700	16.i-11.ii.2011	Carste(Het) 0234
159	Insecta	Heteroptera			3	GS-42	7769200	654700	16.i-11.ii.2011	Carste(Het) 0260
159	Insecta	Hymenoptera			1	GS-42	7769200	654700	16.i-11.ii.2011	Carste(Hym)0222
160	Insecta	Hymenoptera			2	GS-42	7769200	654700	16.i-11.ii.2011	Carste(Hym)0234
293	Insecta	Hymenoptera			1	GS-42	7766980	655796	06-16.vi.2011	Carste(Hym)0293
386	Insecta	Hymenoptera			6	GS-42	7769200	654700	06-16.vi.2011	Carste(Hym)0294
160	Insecta	Lepidoptera			1	GS-42	7769200	654700	16.i-11.ii.2011	Carste(Lep) 0161
386	Insecta	Lepidoptera			1	GS-42	7769200	654700	06-16.vi.2011	Carste(Lep) 0175
386	Insecta	Psocoptera	Triplocania	sp.1	1	GS-42	7769200	654700	06-16.VI.2011	Carste(Pso) 0237
388	Insecta	Diptera			1	GS-43	7769224	654701	06-16.vi.2011	Carste(Dipt) 0104
165	Insecta	Diptera			1	GS-43	7769224	654701	16.i-11.ii.2011	Carste(Dipt) 0114
389	Insecta	Diptera			2	GS-43	7769224	654701	06-16.vi.2011	Carste(Dipt) 0128
165	Insecta	Diptera	Bradysia	sp	1	GS-43	7769224	654701	ii.2011	Carste(Dipt) 0137
387	Insecta	Heteroptera			1	GS-43	7769224	654701	06-16.VI.2011	Carste(Het) 0177
387	Insecta	Heteroptera			1	GS-43	7769224	654701	06-16.VI.2011	Carste(Het) 0202
388	Insecta	Homoptera			3	GS-43	7769224	654701	06-16.vi.2011	Carste(Hom) 0033
165	Insecta	Homoptera			3	GS-43	7769224	654701	16.i-11.ii.2011	Carste(Hom) 0086
165	Insecta	Hymenoptera			2	GS-43	7769224	654701	16.i-11.ii.2011	Carste(Hym)0209
166	Insecta	Hymenoptera			1	GS-43	7769224	654701	16.i-11.ii.2011	Carste(Hym)0218
389	Insecta	Hymenoptera			2	GS-43	7769224	654701	06-16.vi.2011	Carste(Hym)0301
408	Insecta	Hymenoptera			2	GS-43	7769224	654701	06-16.vi.2011	Carste(Hym)0303
390	Insecta	Diptera			1	GS-44	7767663	654332	06-16.vi.2011	Carste(Dipt) 0052
390	Insecta	Diptera			1	GS-44	7767663	654332	06-16.vi.2011	Carste(Dipt) 0078

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DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
389	Insecta	Heteroptera			1	GS-44	7767663	654332	16.i-11.ii.2011	Carste(Het) 0224
148	Insecta	Homoptera			1	GS-44	7767663	654332	16.i-11.ii.2011	Carste(Hom) 0012
147	Insecta	Hymenoptera			1	GS-44	7767663	654332	16.i-11.ii.2011	Carste(Hym)0225
148	Insecta	Hymenoptera			5	GS-44	7767663	654332	16.i-11.ii.2011	Carste(Hym)0245
390	Insecta	Hymenoptera			3	GS-44	7767663	654332	06-16.vi.2011	Carste(Hym)0314
113	Insecta	Diptera			1	GS-45	7768203	655728	16.i-11.ii.2011	Carste(Dipt) 0173
390	Insecta	Heteroptera			1	GS-45	7768203	655728	16.i-11.ii.2011	Carste(Het) 0258
76	Insecta	Lepidoptera		sp.1	1	GS-45	7768203	655728	16.i-11.ii.2011	Carste(Lep)0157
76	Insecta	Lepidoptera		sp.1	1	GS-45	7768203	655728	16.i-11.ii.2011	Carste(Lep)0157
88	Insecta	Hymenoptera			5	GS-46	7770859	656817	16.i-11.ii.2011	Carste(Hym)0221
98	Insecta	Hymenoptera			1	GS-46	7770859	656817	16.i-11.ii.2011	Carste(Hym)0224
100	Insecta	Hymenoptera			1	GS-46	7770859	656817	16.i-11.ii.2011	Carste(Hym)0229
98	Insecta	Lepidoptera			1	GS-46	7770859	656817	16.i-11.ii.2011	Carste(Lep) 0168
100	Insecta	Psocoptera			3	GS-46	7770859	656817	16.i-11.ii.2011	Carste(Pso) 0274
98	Insecta	Psocoptera			2	GS-46	7770859	656817	16.i-11.ii.2011	Carste(Pso) 0277
393	Insecta	Coleoptera		sp.1	1	GS-47	7762384	6596618	16.i-11.ii.2011	Carste(Coleo)0483
392	Insecta	Coleoptera		sp.2	1	GS-47	7762384	6596618	vi.2011	Carste(Coleo)0488
393	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-47	7762384	6596618	vi.2011	Carste(Coleo)0520
392	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-47	7762384	6596618	vi.2011	Carste(Coleo)0531
392	Insecta	Coleoptera		sp.1	1	GS-47	7762384	6596618	06-16.vi.2011	Carste(Coleo)0963
392	Insecta	Diptera			1	GS-47	7762384	6596618	06-16.vi.2011	Carste(Dipt) 0095
391	Insecta	Diptera			1	GS-47	7762384	6596618	06-16.vi.2011	Carste(Dipt) 0118
110	Insecta	Diptera	Drosophila		1	GS-47	7762384	6596618	16.i-11.ii.2011	Carste(Dipt) 0156
390	Insecta	Heteroptera			4	GS-47	7762384	6596618	06-16.Vi.2011	Carste(Het) 0178
112	Insecta	Heteroptera			1	GS-47	7762384	6596618	06-16.Vi.2011	Carste(Het) 0179
392	Insecta	Heteroptera			1	GS-47	7762384	6596618	16.i-11.ii.2011	Carste(Het) 0190
392	Insecta	Homoptera			1	GS-47	7762384	6596618	06-16.vi.2011	Carste(Hom) 0030
110	Insecta	Homoptera			1	GS-47	7762384	6596618	16.i-11.ii.2011	Carste(Hom) 0065
111	Insecta	Homoptera			2	GS-47	7762384	6596618	16.i-11.ii.2011	Carste(Hom) 0081
393	Insecta	Homoptera			1	GS-47	7762384	659618	06-16.vi.2011	Carste(Hom)0051
109	Insecta	Hymenoptera			6	GS-47	7762384	6596618	16.i-11.ii.2011	Carste(Hym)0187
109	Insecta	Hymenoptera			6	GS-47	7762384	6596618	16.i-11.ii.2011	Carste(Hym)0187
111	Insecta	Hymenoptera			3	GS-47	7762384	6596618	16.i-11.ii.2011	Carste(Hym)0214
111	Insecta	Lepidoptera			1	GS-47	7762384	6596618	16.i-11.ii.2011	Carste(Lep) 0164
391	Insecta	Lepidoptera		sp.6	1	GS-47	7762384	659618	06-16.vi.2011	Carste(Lep)0147
391	Insecta	Lepidoptera		sp.6	1	GS-47	7762384	659618	06-16.vi.2011	Carste(Lep)0147
393	Insecta	Psocoptera	Nepticulomima	sp.1	2	GS-47	7762384	6596618	06-16.Vi.2011	Carste(Pso) 0249
395	Insecta	Coleoptera		sp.2	1	GS-48	7762112	659677	06-16.vi.2011	Carste(Coleo)0946
395	Insecta	Diptera			1	GS-48	7762112	659677	06-16.vi.2011	Carste(Dipt) 0213
61	Insecta	Heteroptera	Zelurus sp.1		1	GS-48	7762112	659677	06-16.Vi.2011	Carste(Het) 0180
393	Insecta	Heteroptera			1	GS-48	7762112	659677	16.i-11.ii.2011	Carste(Het) 0204
393	Insecta	Heteroptera			1	GS-48	7762112	659677	16.i-11.ii.2011	Carste(Het) 0217
199	Insecta	Hymenoptera			1	GS-48	7762112	659677	16.i-11.ii.2011	Carste(Hym)0183
200	Insecta	Hymenoptera			2	GS-48	7762112	659677	16.i-11.ii.2011	Carste(Hym)0237
395	Insecta	Hymenoptera			1	GS-48	7762112	659677	06-16.vi.2011	Carste(Hym)0304
396	Insecta	Hymenoptera			3	GS-48	7762112	659677	06-16.vi.2011	Carste(Hym)0316
394	Insecta	Lepidoptera		sp.3	1	GS-48	7762112	659677	06-16.vi.2011	Carste(Lep)0150
394	Insecta	Lepidoptera		sp.3	1	GS-48	7762112	659677	06-16.vi.2011	Carste(Lep)0150
5	Insecta	Lepidoptera		sp.1	1	GS-48	7770864	655293	16-17.vi.2010	Carste(Lep)0159
396	Insecta	Neuroptera			1	GS-48	7762112	659677	06-16.vi.2011	Carste(Neu) 0007
199	Insecta	Neuroptera			1	GS-48	7762112	659677	16.i-11.ii.2011	Carste(Neu) 0016
199	Insecta	Psocoptera	Ptiloneuropis	sp.1	1	GS-48	7762112	659677	16.i-11.ii.2011	Carste(Pso) 0223
199	Insecta	Psocoptera			3	GS-48	7762112	659677	16.i-11.ii.2011	Carste(Pso) 0266
199	Insecta	Psocoptera			1	GS-48	7762112	659677	16.i-11.ii.2011	Carste(Pso) 0273
393	Insecta	Coleoptera		sp.1	1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Coleo)0485
127	Insecta	Diptera	Cecidomyiinae		1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Dipt) 0042

Cont.

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
127	Insecta	Diptera	Bruchomyiinae		1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Dipt) 0067
130	Insecta	Diptera	Bruchomyiinae		1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Dipt) 0068
127	Insecta	Heteroptera			1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Het) 0197
396	Insecta	Heteroptera			1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Het) 0248
128	Insecta	Heteroptera			3	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Het) 0254
396	Insecta	Heteroptera			1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Het) 0263
128	Insecta	Psocoptera	Neptikulomima	sp.2	2	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Pso) 0220
130	Insecta	Psocoptera			5	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Pso) 0263
130	Insecta	Siphonaptera	Polygenis	sp.1	1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Sip) 0002
130	Malacostraca	Isopoda		sp.1	1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Iso) 0435
127	Malacostraca	Isopoda		sp.1	1	GS-49	7761973	659951	16.i-11.ii.2011	Carste(Iso) 0437
399	Insecta	Coleoptera			1	GS-50	7761987	659954	06-16.vi.2011	Carste(Coleo) 0975
162	Insecta	Coleoptera			1	GS-50	7761987	659954	16.i-11.ii.2011	Carste(Coleo) 0995
163	Insecta	Coleoptera	Scaphidiinae	sp.1	1	GS-50	7761987	659954	16.i-11.ii.2011	Carste(Coleo)0512
164	Insecta	Coleoptera		sp.7	1	GS-50	7761987	659954	16.i-11.ii.2011	Carste(Coleo)0954
399	Insecta	Diptera			1	GS-50	7761987	659954	06-16.vi.2011	Carste(Dipt) 0073
163	Insecta	Diptera	Bruchomyiinae		3	GS-50	7761987	659954	16.i-11.ii.2011	Carste(Dipt) 0076
163	Insecta	Diptera			2	GS-50	7761987	659954	16.i-11.ii.2011	Carste(Dipt) 0122
128	Insecta	Heteroptera			1	GS-50	7761987	659954	06-16.vi.2011	Carste(Het) 0181
163	Insecta	Heteroptera			2	GS-50	7761987	659954	06-16.vi.2011	Carste(Het) 0182
130	Insecta	Heteroptera			3	GS-50	7761987	659954	16.i-11.ii.2011	Carste(Pso) 0213
399	Insecta	Homoptera			2	GS-50	7761987	659954	06-16.vi.2011	Carste(Hom)0039
163	Insecta	Hymenoptera			1	GS-50	7761987	659954	16.i-11.ii.2011	Carste(Hym)0202
164	Insecta	Hymenoptera			1	GS-50	7761987	659954	16.i-11.ii.2011	Carste(Hym)0236
399	Insecta	Hymenoptera			4	GS-50	7761987	659954	06-16.vi.2011	Carste(Hym)0311
398	Insecta	Lepidoptera		sp.6	1	GS-50	7761987	659954	06-16.vi.2011	Carste(Lep)0152
398	Insecta	Lepidoptera		sp.6	1	GS-50	7761987	659954	06-16.vi.2011	Carste(Lep)0152
400	Insecta	Neuroptera			1	GS-50	7761987	659954	06-16.vi.2011	Carste(Neu) 0002
163	Insecta	Neuroptera			1	GS-50	7761987	659954	16.i-11.ii.2011	Carste(Neu) 0020
400	Insecta	Psocoptera	Neptikulomima	sp.2	1	GS-50	7761987	659954	06-16.vi.2011	Carste(Pso) 0251
171	Insecta	Coleoptera			2	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Coleo) 0986
170	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Coleo)0932
171	Insecta	Diptera			1	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Dipt) 0065
170	Insecta	Diptera			1	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Dipt) 0115
171	Insecta	Diptera	Epidapus		1	GS-51	7761974	659987	ii.2011	Carste(Dipt) 0135
171	Insecta	Diptera			1	GS-51	7761974	659987	ii.2011	Carste(Dipt) 0174
400	Insecta	Heteroptera			1	GS-51	7761974	659987	06-16.vi.2011	Carste(Het) 0183
	Insecta	Heteroptera			1	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Het) 0222
402	Insecta	Hymenoptera			1	GS-51	7761974	659987	06-16.vi.2011	Carste(Hym) 0280
171	Insecta	Hymenoptera			1	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Hym)0213
401	Insecta	Hymenoptera			2	GS-51	7761974	659987	06-16.vi.2011	Carste(Hym)0307
171	Insecta	Lepidoptera			1	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Lep) 0167
171	Insecta	Psocoptera	Neptikulomima	sp.2	1	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Pso) 0221
171	Insecta	Psocoptera	Triplocania	sp.1	1	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Pso) 0227
171	Insecta	Psocoptera	Ptiloneura	sp.1	1	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Pso) 0232
401	Insecta	Psocoptera	Neptikulomima	sp.1	2	GS-51	7761974	659987	06-16.vi.2011	Carste(Pso) 0245
170	Insecta	Psocoptera			3	GS-51	7761974	659987	16.i-11.ii.2011	Carste(Pso) 0280
402	Insecta	Psocoptera			1	GS-51	7761974	659987	06-16.vi.2011	Carste(Pso) 0304
404	Insecta	Coleoptera			1	GS-52	7761992	660069	06-16.vi.2011	Carste(Coleo) 0973
141	Insecta	Coleoptera			1	GS-52	7761992	660069	16.i-11.ii.2011	Carste(Coleo) 0987
140	Insecta	Coleoptera			2	GS-52	7761992	660069	16.i-11.ii.2011	Carste(Coleo) 0991
137	Insecta	Coleoptera			1	GS-52	7761992	660069	16.i-11.ii.2011	Carste(Coleo) 0996
141	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-52	7761992	660069	16.i-11.ii.2011	Carste(Coleo)0931
141	Insecta	Diptera	Bruchomyiinae		1	GS-52	7761992	660069	16.i-11.ii.2011	Carste(Dipt) 0070
404	Insecta	Diptera			1	GS-52	7761992	660069	06-16.vi.2011	Carste(Dipt) 0102
157	Insecta	Diptera	Orfelia		2	GS-52	7761992	660069	16.i-11.ii.2011	Carste(Dipt) 0112

Cont.

DESCRIÇÃO (Description): SAMARCO: PROJETO AUMENTO DE RESERVA

Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
404	Insecta	Diptera			1	GS-52	7761992	660069	06-16.vi.2011	Carste(Dipt) 0209
141	Insecta	Heteroptera			2	GS-52	7761992	660069	06-16.VI.2011	Carste(Het) 0184
	Insecta	Heteroptera	Reduviinae	Jovem	2	GS-52	7761992	660069	06-16.VI.2011	Carste(Het) 0188
402	Insecta	Heteroptera			2	GS-52	7761992	660069	06-16.VI.2011	Carste(Het) 0236
404	Insecta	Homoptera			1	GS-52	7761992	660069	06-16.vi.2011	Carste(Hom) 0015
402	Insecta	Hymenoptera			1	GS-52	7761992	660069	06-16.VI.2011	Carste(Het) 0130
403	Insecta	Hymenoptera			3	GS-52	7761992	660069	06-16.VI.2011	Carste(Hym) 0270
137	Insecta	Hymenoptera			2	GS-52	7761992	660069	16.I-11.II.2011	Carste(Hym)0231
141	Insecta	Hymenoptera			2	GS-52	7761992	660069	16.I-11.II.2011	Carste(Hym)0242
404	Insecta	Hymenoptera			1	GS-52	7761992	660069	06-16.vi.2011	Carste(Hym)0269
137	Insecta	Lepidoptera			2	GS-52	7761992	660069	16.I-11.II.2011	Carste(Lep) 0169
404	Insecta	Neuroptera			2	GS-52	7761992	660069	06-16.vi.2011	Carste(Neu) 0003
404	Insecta	Psocoptera	Psyllipsocus	sp.3	2	GS-52	7761992	660069	06-16.VI.2011	Carste(Pso) 0240
141	Insecta	Psocoptera			1	GS-52	7761992	660069	16.I-11.II.2011	Carste(Pso) 0281
137	Insecta	Psocoptera			1	GS-52	7761992	660069	16.I-11.II.2011	Carste(Pso) 0289
140	Insecta	Psocoptera			4	GS-52	7761992	660069	16.I-11.II.2011	Carste(Pso)0336
405	Insecta	Diptera			3	GS-53	7762059	660187	06-16.vi.2011	Carste(Dipt) 0035
105	Insecta	Diptera	Bruchomyiinae		2	GS-53	7762059	660187	16.I-11.II.2011	Carste(Dipt) 0075
405	Insecta	Diptera			1	GS-53	7762059	660187	06-16.vi.2011	Carste(Dipt) 0111
405	Insecta	Diptera			2	GS-53	7762059	660187	06-16.vi.2011	Carste(Dipt) 0166
405	Insecta	Diptera			2	GS-53	7762059	660187	06-16.vi.2011	Carste(Dipt) 0221
105	Insecta	Heteroptera			1	GS-53	7762059	660187	16.I-11.II.2011	Carste(Het) 0207
	Insecta	Heteroptera				GS-53	7762059	660187	16.I-11.II.2011	Carste(Het) 0218
	Insecta	Heteroptera			2	GS-53	7762059	660187	16.I-11.II.2011	Carste(Het) 0232
405	Insecta	Lepidoptera		sp.1	1	GS-53	7762059	660187	06-16.vi.2011	Carste(Lep)0149
405	Insecta	Lepidoptera		sp.1	1	GS-53	7762059	660187	06-16.vi.2011	Carste(Lep)0149
406	Insecta	Siphonaptera	Polygenis	sp.1	1	GS-53	7762059	660187	06-16.vi.2011	Carste(Sip) 0001
172	Insecta	Coleoptera			1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Coleo) 1004
172	Insecta	Coleoptera		sp.1	1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Coleo)0965
408	Insecta	Diptera			1	GS-54	7761977	660561	06-16.vi.2011	Carste(Dipt) 0047
172	Insecta	Diptera			1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Dipt) 0088
408	Insecta	Diptera			1	GS-54	7761977	660561	06-16.vi.2011	Carste(Dipt) 0106
409	Insecta	Diptera			1	GS-54	7761977	660561	06-16.vi.2011	Carste(Dipt) 0132
173	Insecta	Diptera			1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Dipt) 0160
406	Insecta	Heteroptera			2	GS-54	7761977	660561	06-16.VI.2011	Carste(Het) 0185
406	Insecta	Heteroptera			1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Het) 0244
173	Insecta	Heteroptera			1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Het) 0251
172	Insecta	Homoptera			1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Hom) 0084
409	Insecta	Homoptera		sp.2	2	GS-54	7761977	660561	06-16.vi.2011	Carste(Hom)0053
172	Insecta	Hymenoptera			4	GS-54	7761977	660561	16.I-11.II.2011	Carste(Hym)0249
173	Insecta	Hymenoptera			2	GS-54	7761977	660561	16.I-11.II.2011	Carste(Hym)0252
32	Insecta	Lepidoptera		sp.6	1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Lep)0146
32	Insecta	Lepidoptera		sp.6	1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Lep)0146
173	Insecta	Psocoptera	Nepticulomima	sp.1	2	GS-54	7761977	660561	16.I-11.II.2011	Carste(Pso) 0219
174	Insecta	Psocoptera	Ptiloneura	sp.2	1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Pso) 0229
173	Insecta	Psocoptera	Ptiloneura	sp.1	1	GS-54	7761977	660561	16.I-11.II.2011	Carste(Pso) 0231
173	Insecta	Psocoptera	Ptiloneuropsis	sp.1	1	GS-54	7761977	660561		Carste(Pso) 0236
409	Insecta	Psocoptera	Psyllipsocus	sp.3	1	GS-54	7761977	660561	06-16.VI.2011	Carste(Pso) 0238
409	Insecta	Psocoptera	Nepticulomima	sp.2	2	GS-54	7761977	660561	06-16.VI.2011	Carste(Pso) 0244
408	Insecta	Psocoptera	Nepticulomima	sp.1	1	GS-54	7761977	660561	06-16.VI.2011	Carste(Pso) 0252
173	Malacostraca	Isopoda		sp.1	2	GS-54	7761977	660561	16.I-11.II.2011	Carste(Iso) 0436
132	Insecta	Coleoptera			3	GS-55	7762073	660245	16.I-11.II.2011	Carste(Coleo) 1003
410	Insecta	Coleoptera	Pselaphinae	sp.1	1	GS-55	7762073	660245	16.I-11.II.2011	Carste(Coleo)0527
410	Insecta	Coleoptera	Scaphidiinae	sp.1	1	GS-55	7762073	660245	16.I-11.II.2011	Carste(Coleo)0956
410	Insecta	Diptera			1	GS-55	7762073	660245	16.I-11.II.2011	Carste(Dipt) 0101
410	Insecta	Diptera			1	GS-55	7762073	660245	16.I-11.II.2011	Carste(Dipt) 0168

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Am	Classe	Ordem	Família	sp	Ind	Cavidade	Long (mN)	Lat (mE)	Data de coleta	CARSTE TOMBO
409	Insecta	Heteroptera			1	GS-55	7762073	660245	06-16.VI.2011	Carste(Het) 0186
411	Insecta	Homoptera			1	GS-55	7762073	660245	16.I-11.II.2011	Carste(Hom)0042
410	Insecta	Hymenoptera			2	GS-55	7762073	660245	16.I-11.II.2011	Carste(Hym) 0296
131	Insecta	Hymenoptera			1	GS-55	7762073	660245	16.I-11.II.2011	Carste(Hym)0243
410	Insecta	Lepidoptera			1	GS-55	7762073	660245	16.I-11.II.2011	Carste(Lep) 0181
411	Insecta	Psocoptera			2	GS-55	7762073	660245	16.I-11.II.2011	Carste(Pso) 0316
143	Insecta	Coleoptera			1	GS-56	7762079	660132	16.I-11.II.2011	Carste(Coleo) 0985
142	Insecta	Diptera	Cecidomyiinae		1	GS-56	7762079	660132	16.I-11.II.2011	Carste(Dipt) 0049
414	Insecta	Heteroptera			3	GS-56	7762079	660132	16.I-11.II.2011	Carste(Het) 0270
414	Insecta	Hymenoptera			3	GS-56	7762079	660132	16.I-11.II.2011	Carste(Hym) 0309
142	Insecta	Hymenoptera			2	GS-56	7762079	660132	16.I-11.II.2011	Carste(Hym)0196
143	Insecta	Hymenoptera			2	GS-56	7762079	660132	16.I-11.II.2011	Carste(Hym)0220
413	Insecta	Hymenoptera			5	GS-56	7762079	660132	16.I-11.II.2011	Carste(Hym)0264
414	Insecta	Neuroptera			1	GS-56	7762079	660132	16.I-11.II.2011	Carste(Neu) 0012
142	Insecta	Psocoptera	Nepticulomima	sp.2	1	GS-56	7762079	660132	16.I-11.II.2011	Carste(Pso) 0210
143	Insecta	Psocoptera	Nepticulomima	sp.2	2	GS-56	7762079	660132	16.I-11.II.2011	Carste(Pso) 0222
143	Insecta	Psocoptera	Ptiloneura	sp.1	2	GS-56	7762079	660132	16.I-11.II.2011	Carste(Pso) 0228
142	Insecta	Psocoptera			2	GS-56	7762079	660132	16.I-11.II.2011	Carste(Pso) 0269
413	Insecta	Psocoptera			3	GS-56	7762079	660132	06-11.II.2011	Carste(Pso)0320
415	Insecta	Coleoptera	Pselaphinae	sp.2	1	GS-57	7762743	656913	16.I-11.II.2011	Carste(Coleo)0494
415	Insecta	Diptera			2	GS-57	7762743	656913	16.I-11.II.2011	Carste(Dipt) 0100
176	Insecta	Diptera			1	GS-57	7762743	656913	16.I-11.II.2011	Carste(Dipt) 0161
415	Insecta	Diptera			1	GS-57	7762743	656913	16.I-11.II.2011	Carste(Dipt) 0203
414	Insecta	Heteroptera			1	GS-57	7762743	656913	06-16.VI.2011	Carste(Het) 0194
175	Insecta	Homoptera		sp.2	1	GS-57	7762743	656913	16.I-11.II.2011	Carste(Hom)0095
175	Insecta	Hymenoptera			3	GS-57	7762743	656913	16.I-11.II.2011	Carste(Hym)0208
174	Insecta	Hymenoptera			1	GS-57	7762743	656913	16.I-11.II.2011	Carste(Hym)0250
415	Insecta	Hymenoptera			3	GS-57	7762743	656913	16.I-11.II.2011	Carste(Hym)0300
276	Insecta	Thysanoptera		sp.1	1	GS-71	7767406	655403	06-16.VI.2011	Carste(Thypt) 0001