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**LONG-TERM MONITORING STUDY OF GROUND-DWELLING
ARTHROPODS AT BANDELIER NATIONAL MONUMENT**

Cooperative Agreement Contract
CA7029-1-0012 Subagreement No. 3

Final Report

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Introduction.

This is the final report for the accomplishments of a one-year project to continue a long-term monitoring study of ground dwelling arthropods at Bandelier National Monument. Much of the information reported in the Introduction and Methods sections were included in an earlier progress reports. Information presented in the Results and Discussion section summarize accomplishments and findings over the one-year activity period of this project.

A long-term monitoring study of ground-dwelling arthropods was begun at Bandelier National Monument during the summer of 1992. The study was conducted by personnel from Bandelier National Monument (Dr. Craig Allen and associates), and personnel from the Sevilleta Long-Term Ecological Research (LTER) Program, Department of Biology, University of New Mexico (Dr.'s David Lightfoot, and Robert Parmenter). The study was funded through a cooperative agreement contract between the National Park Service and the University of New Mexico; Cooperative Agreement CA7029-1-0012, Subagreement No. 3.

The ground-dwelling arthropod study at Bandelier utilizes the same sampling designs and techniques as ongoing arthropod monitoring studies at the Sevilleta LTER sites near Socorro, New Mexico. The purpose of the Bandelier arthropod study is to monitor ground-dwelling arthropod communities in different environments across an elevation and temperature/moisture gradient to gain information on the effects of climate change on arthropod communities and population dynamics. In conjunction with the Sevilleta LTER, parallel monitoring studies at Bandelier will provide additional sites for a long-term regional database of plant and animal responses to climate change. A standardized regional approach to monitoring ecological processes is more meaningful to understanding climatically induced phenomena than small scale, narrowly focused and unrelated individual studies.

Long-term sampling of arthropod assemblages will also provide more information on what species of arthropods occur at Bandelier. Data will be useful to assess arthropod species diversity patterns across elevational zones, and different seasons of the year. All arthropod taxa found in this study will contribute to an overall inventory of arthropods at Bandelier.

An additional study of ground-dwelling arthropods of the 1977 La Mesa fire area was conducted during the summer of 1993. The purpose of this study was to determine how the fire affected arthropod assemblages. A separate report was prepared for that study and submitted at the La Mesa Fire Symposium, March 29, 1994. A copy of that report is included as an appendix to this report (see Appendix 9).

Methods.

Arthropod pitfall traps were located in association with small mammal trapping webs at five plots (webs) at a pinon/juniper woodland site, and at five plots in mixed conifer forest site, in the early summer of 1992. Locations of the plots at each site are plotted on the maps provided by Craig Allen in Appendix 1. Six traps located in a line at approximately 10 meter intervals were installed at the five web locations, for a total of 30 traps at each of the two sites. An additional set of 30 traps were established in a ponderosa pine site in the summer of 1993. Additional traps were constructed in grassland and Gambel oak stands resulting from the 1977 La Mesa fire. The design and locations of the La Mesa fire site traps are described in Appendix 9. An additional mixed conifer site (site F) was also established during the summer of 1993.

Each pitfall trap consists of one 3X4.5 inch steel can buried in the ground, with the open top of the can level with the ground surface. A plastic cup was placed in each can and filled half full with propylene glycol. A 6X6X3/8 inch plywood cover supported on 3.5 inch nails was placed over each pitfall trap. Native rocks were later used for covers at the mixed conifer sites to discourage elk.

The pitfall traps were sampled every six to eight weeks by Park Service personnel. The contents of each pitfall cup was emptied into a small wire strainer, and the arthropods were transferred into glass storage vials with alcohol. Each vial was labelled by site, plot, pitfall number, and date. Vials containing the arthropod samples were sent to the University of New Mexico to be sorted and tabulated.

Only arthropod groups that are truly ground dwelling, and appropriately sampled by pitfall traps are considered in this study. These "target" groups include ground dwelling spiders, centipedes, millipedes, beetles, crickets, and others. Other "non-target" arthropods also fall into pitfall traps. These include arthropods that are not typically ground dwelling, but are attracted to the open trap, and typically ground dwelling arthropods that are not appropriately sampled by pitfall traps. Flies are examples of arthropods that do not live on the ground but are attracted to pitfall traps, and large numbers are often caught in pitfall traps. Ants are ground-dwelling arthropods that commonly fall into pitfall traps, but numbers of individuals in pitfall traps do not provide valid census data for ants. Ants are better sampled by counting colonies, and estimating numbers of individuals (foragers) per colony. Representative specimens of non-target arthropods are retained and placed in the general Bandelier arthropod collection, as contributions to an inventory of arthropods at Bandelier.

Ground-dwelling arthropods were sorted and counted from each sample vial. Arthropods were sorted to the species level, however the actual names of most taxa are not yet known. Arthropods were thus assigned to Operational Taxonomic Units (OTU's) based on obvious differences in morphological features. Each OTU was given an alphanumeric code that corresponds to the taxonomic classification of each OTU. Each code consists of two characters for the classification

levels of order, family, genus, and species. If known, the first two letters of the taxonomic name for each level were used for the code. Numeric characters were used if the level names were not known. For example, the code for the grasshopper *Trimerotropis pallidipennis* is: ORACTRPA, from Order: Orthoptera, Family: Acrididae, Genus: *Trimerotropis*, and Species: *pallidipennis*. The code for an unidentified genus and species of wolf spider would be: ARLY0101, from Order: Aranea, Family Lycosidae, Genus: 01, and Species: 01. Note that many of the initial OTU designations are tentative, and will need to be confirmed by taxonomic experts.

Taxonomic classification of insects to the order and family level corresponds to Arnett, 1985 (American insects: A handbook of the insects of America north of Mexico. Van Nostrand Reinhold Co., New York, NY). Taxonomic classification of non-insect arthropods to the class, order and family levels, corresponds to Borror, De Long and Triplehorn, 1981 (An introduction to the study of insects, 5th. edition. Saunders College Publ., Philadelphia, PA).

All pitfall trap data were recorded in two types of data books. One book, "Arthropod Taxa Code Listings," is a listing of all OTU codes and corresponding taxonomic names, if known. A copy of a page from that book is presented as an example in Appendix 2. The other books, "Pitfall Trap Data," contain records of all OTU's and numbers of individuals from each pitfall trap. An example page from that book is presented in Appendix 3.

Data from the "Pitfall Trap Data" and the "Arthropod Taxa Code Listings" books were entered into computer database files. Data were initially entered as Quattro Pro v.3 spreadsheet files on an MS-DOS based computer. Quattro Pro provides excellent data entry and data matrix manipulation capabilities. These files may be readily converted into ASCII format, and then imported into other hardware and software environments for the Sevilleta Information Management System (SIMS) or the Park Service databases.

Initial summary statistics were produced by data analysis with SAS (Statistical Analysis Systems) on the SIMS UNIX system. The data will eventually be used to examine OTU and trophic group spatial and temporal abundances in response to climate conditions.

Results and Discussion.

Arthropods were sampled from the traps in January, March, April, June, July, August, October, and November of 1993. Pitfall traps at all sites functioned well. All pitfall trap samples from 1993 have been sorted and tabulated at UNM. A reference collection of OTU voucher specimens has been constructed. The voucher collection currently contains about 800 specimens, of which about half are pinned (hard-bodied insects), and the other half are stored in alcohol vials (soft bodied arthropods). Each voucher specimen is labelled by date, site, plot, pitfall trap number, and OTU code.

A total of 533 pitfall samples from the pinon/juniper, ponderosa pine, and mixed conifer study sites have been sorted and tabulated. A total of 3,326 data records have been entered into the "Pitfall Trap Data" books, representing 19,082 individual arthropods and 257 OTU's. An additional 140 samples from the La Mesa Fire site, representing 1,157 data records and 6,331 arthropods, were also tabulated. Data from the books were entered into a Quattro Pro spreadsheet file and data were error checked. A hard copy SAS output of the data set is presented in Appendix 4. ASCII format and Lotus 123 format copies of this data file are included with this report on a MS-DOS compatible floppy disk. A listing of the taxonomic codes of all target arthropod OTU's from the "Arthropod Taxa Code Listings" data book is presented in Appendix 5. The listing in Appendix 5 is a portion of a Quattro Pro spreadsheet file that provides current taxonomic information on all OTU's, and a history of code changes. These codes will be continuously updated as OTU's are positively identified.

Appendix 6 presents a summary of the numbers of OTU's among all of the orders or groups of arthropods tabulated from the two study sites. Appendix 7 presents a summary of the numbers of individuals of all OTU's from the pinon/juniper and mixed conifer sites. 125 OTU's representing 5,966 individuals were found at the pinon/juniper site, 119 OTU's representing 839 individuals from the ponderosa site, and 128 OTU's representing 8,877 individuals were found at the mixed conifer site. Numerically important species or OTU's are apparent from Appendix 7. The seasonal abundances of all OTU's are presented in Appendix 8. "Winter" includes pitfall traps run from November 1992-March 1993, and only includes data from the pinon/juniper sites. "Spring" includes pitfall traps run from March-June 1993, and includes pinon/juniper and mixed conifer site data. "Summer" includes traps run from June-August, and "autumn" includes traps run from August-November 1993. All sites are represented in summer and autumn samples.

Beetles (Coleoptera), remain the largest taxonomic group encountered in the pitfall traps, both in terms of numbers of individuals and numbers of OTU's. Carabid and staphylinid beetles were very numerous at the mixed conifer site. The most abundant carabid beetles at the mixed conifer site were *Rhadine umbra*, *Pterostichus luscus* and *Cyminidis cribricollis*. These species were less common at the ponderosa site, and even less common or absent from the pinon/juniper site. Staphylinid beetles have not yet been identified, but several species were abundant. One species of staphylinid, COST0103, was most common at the ponderosa site, less so at the mixed conifer site, and absent from the pinon/juniper site. Carabid beetles and staphylinid beetles were not common at the pinon/juniper site, instead tenebrionid beetles were the most numerous beetles. The most abundant tenebrionid beetles at the pinon/juniper site were *Eleodes extricata* and *Eleodes obscurus dispersus*.

Spiders were abundant and represented many OTU's at the pinon/juniper, ponderosa pine, and mixed conifer sites. Most spiders have not yet been identified to species. The most abundant spiders were wolf spiders (Lycosidae), represented by different species at the pinon/juniper, ponderosa, and

mixed conifer sites. One species of wolf spider, *Pardosa* sp.02, was very abundant at the mixed conifer site, and uncommon at the ponderosa and pinon/juniper sites. Harvestmen or daddy-longlegs (Opiliones: not spiders) were also abundant at all sites, represented by apparently different species between the sites. Opiliones have not yet been identified.

Bristletails (Meinertillidae) were very abundant at the pinon/juniper site, in association with Gambel oak, and less common at ponderosa pine sites in association with Gambel oak. Bristletails were absent at the mixed conifer sites.

Crickets were numerous from the pinon/juniper, ponderosa pine, and mixed conifer site. Different taxa were present at the different sites. The field cricket *Gryllus veletis* was common at the pinon/juniper site, uncommon at the ponderosa site, and absent from the mixed conifer site. The camel cricket *Ceuthophilus pallidus* was abundant at the pinon/juniper site, but absent at the ponderosa pine and mixed conifer sites. The camel cricket *Ceuthophilus utahensis* was very abundant at the mixed conifer and ponderosa sites, but uncommon at the pinon/juniper site.

The arthropod taxa found in the pitfall trap samples over this one-year period represent a variety of species and trophic groups that are ideal for long-term monitoring studies. A number of species of spiders, beetles, and crickets are abundant, and should provide useful data for monitoring population trends in relation to climate change. The addition of the ponderosa pine site will be instrumental in examining changes in species composition and abundances across the elevation/moisture/temperature gradient.

The arthropod voucher collection currently contains about 800 specimens. This collection or at least duplicate specimens of all taxa, will eventually be incorporated into the existing Bandelier National Monument general arthropod collection. However, this incorporation will not take place until all of the specimens are completely identified. A separate voucher collection should be maintained for the duration of the arthropod monitoring study, to be used specifically for the identification of arthropods in pitfall trap samples.

LAMESA FIRE ARTHROPOD PITFALL TRAP DATA

16:09 Sunday, June 26, 1994¹

OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
1	7	13	93	R	F	1	ARLYPA04	4
2	7	13	93	R	F	1	ARPH0101	1
3	7	13	93	R	F	1	CO010107	3
4	7	13	93	R	F	1	COCACYPU	1
5	7	13	93	R	F	1	COCR0102	9
6	7	13	93	R	F	1	COST0102	1
7	7	13	93	R	F	1	COST0103	3
8	7	13	93	R	F	1	OP010103	3
9	7	13	93	R	F	1	ORGYCEUT	9
10	7	13	93	R	F	2	AR010119	1
11	7	13	93	R	F	2	ARPH0101	1
12	7	13	93	R	F	2	COCACYPU	1
13	7	13	93	R	F	2	COCR0102	19
14	7	13	93	R	F	2	ORGYCEUT	2
15	7	13	93	R	F	2	ORGYSTNE	1
16	7	13	93	R	F	3	ARGN0102	1
17	7	13	93	R	F	3	ARGN0107	2
18	7	13	93	R	F	3	ARLY0103	2
19	7	13	93	R	F	3	ARLYPA04	16
20	7	13	93	R	F	3	COCR0102	17
21	7	13	93	R	F	3	COCR0105	2
22	7	13	93	R	F	3	COCU0109	4
23	7	13	93	R	F	3	COST0102	3
24	7	13	93	R	F	3	OP010103	2
25	7	13	93	R	F	3	ORGYCEUT	1
26	7	13	93	R	F	4	ARGN0101	1
27	7	13	93	R	F	4	ARGN0107	3
28	7	13	93	R	F	4	ARLYPA02	8
29	7	13	93	R	F	4	ARLYPA04	7
30	7	13	93	R	F	4	COCA0112	1
31	7	13	93	R	F	4	COCR0102	15
32	7	13	93	R	F	4	COCU0104	1
33	7	13	93	R	F	4	COEL0108	1
34	7	13	93	R	F	4	COST0102	8
35	7	13	93	R	F	4	HELY0103	1
36	7	13	93	R	F	4	OP010103	8
37	7	13	93	R	F	4	ORGYCEUT	31
38	7	13	93	R	F	5	ARGN0101	2
39	7	13	93	R	F	5	ARGN0107	2
40	7	13	93	R	F	5	ARLY0103	1
41	7	13	93	R	F	5	ARLYPA01	8
42	7	13	93	R	F	5	ARLYPA02	1
43	7	13	93	R	F	5	COCR0102	20
44	7	13	93	R	F	5	COCR0105	3
45	7	13	93	R	F	5	COCU0104	1
46	7	13	93	R	F	5	COEL0109	1
47	7	13	93	R	F	5	COST0103	5
48	7	13	93	R	F	5	COST0108	1
49	7	13	93	R	F	5	OP010103	7
50	7	13	93	R	F	5	ORGYCEUT	9
51	7	13	93	R	F	5	PS010101	1
52	7	13	93	R	F	6	AR010117	3
53	7	13	93	R	F	6	ARGN0101	1
54	7	13	93	R	F	6	ARLYPA04	1
55	7	13	93	R	F	6	COEL0110	1
56	7	13	93	R	F	6	COSC0101	1
57	7	13	93	R	F	6	COST0102	2

LAMESA FIRE ARTHROPOD PITFALL TRAP DATA

16:09 Sunday, June 26, 1994²

OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
58	7	13	93	R	F	6	ORGYCEUT	1
59	7	13	93	R	F	7	AR010111	2
60	7	13	93	R	F	7	ARCL0104	1
61	7	13	93	R	F	7	ARLYPA04	3
62	7	13	93	R	F	7	COEL0108	1
63	7	13	93	R	F	7	COEL0109	1
64	7	13	93	R	F	7	COST0102	2
65	7	13	93	R	F	7	COST0112	2
66	7	13	93	R	F	8	AR010116	2
67	7	13	93	R	F	8	ARCL0102	1
68	7	13	93	R	F	8	ARCL0104	1
69	7	13	93	R	F	8	ARGN0101	5
70	7	13	93	R	F	8	ARGN0102	1
71	7	13	93	R	F	8	ARGN0107	1
72	7	13	93	R	F	8	ARLY0103	3
73	7	13	93	R	F	8	ARLYPA01	37
74	7	13	93	R	F	8	ARLYPA02	1
75	7	13	93	R	F	8	CO010105	1
76	7	13	93	R	F	8	COCACYP	1
77	7	13	93	R	F	8	COST0103	3
78	7	13	93	R	F	8	COST0112	2
79	7	13	93	R	F	8	ORGYCEUT	2
80	7	13	93	R	F	9	AR010104	1
81	7	13	93	R	F	9	AR010118	1
82	7	13	93	R	F	9	ARGN0101	2
83	7	13	93	R	F	9	ARGN0107	2
84	7	13	93	R	F	9	ARLY0103	2
85	7	13	93	R	F	9	ARLYPA04	36
86	7	13	93	R	F	9	ARPH0101	1
87	7	13	93	R	F	9	ARTH0101	1
88	7	13	93	R	F	9	CH010101	1
89	7	13	93	R	F	9	COCA0112	1
90	7	13	93	R	F	9	COSC0101	3
91	7	13	93	R	F	9	COST0102	4
92	7	13	93	R	F	9	COST0112	2
93	7	13	93	R	F	9	HYSPE01	1
94	7	13	93	R	F	10	ARLYPA01	1
95	7	13	93	R	F	10	ARLYPA04	2
96	7	13	93	R	F	10	ARTH0101	1
97	7	13	93	R	F	10	COST0103	1
98	7	13	93	R	F	10	COST0112	2
99	7	13	93	R	F	10	HYPO0101	1
100	7	13	93	R	F	10	OP010103	1
101	7	13	93	R	F	10	ORGYCEUT	1
102	7	13	93	R	G	1	ARGN0101	13
103	7	13	93	R	G	1	ARGN0102	1
104	7	13	93	R	G	1	ARGN0103	1
105	7	13	93	R	G	1	ARGN0107	5
106	7	13	93	R	G	1	ARLY0104	1
107	7	13	93	R	G	1	ARLYPA01	4
108	7	13	93	R	G	1	ARTH0101	1
109	7	13	93	R	G	1	CO010112	1
110	7	13	93	R	G	1	COCH0101	1
111	7	13	93	R	G	1	COTEELEX	12
112	7	13	93	R	G	1	DI010103	1
113	7	13	93	R	G	1	HERE0101	1
114	7	13	93	R	G	1	HYPO0101	1

LAMESA FIRE ARTHROPOD PITFALL TRAP DATA

16:09 Sunday, June 26, 1994³

OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
115	7	13	93	R	G	1	OP010103	13
116	7	13	93	R	G	1	ORACCAPE	4
117	7	13	93	R	G	1	ORACTRFR	2
118	7	13	93	R	G	1	ORGYCEUT	1
119	7	13	93	R	G	2	ARGN0107	2
120	7	13	93	R	G	2	ARLY0104	1
121	7	13	93	R	G	2	ARLYPA04	3
122	7	13	93	R	G	2	CH010101	1
123	7	13	93	R	G	2	COCA0112	1
124	7	13	93	R	G	2	COELELEX	3
125	7	13	93	R	G	2	DI010101	5
126	7	13	93	R	G	2	OP010103	2
127	7	13	93	R	G	2	ORACCAPE	1
128	7	13	93	R	G	2	ORGYCEUT	2
129	7	13	93	R	G	3	ARGN0101	2
130	7	13	93	R	G	3	ARGN0107	4
131	7	13	93	R	G	3	ARLY0102	5
132	7	13	93	R	G	3	ARLYPA02	15
133	7	13	93	R	G	3	ARLYPA04	6
134	7	13	93	R	G	3	ARPH0101	1
135	7	13	93	R	G	3	COCA0112	1
136	7	13	93	R	G	3	COCR0102	3
137	7	13	93	R	G	3	COCR0102	4
138	7	13	93	R	G	3	COTEELEX	3
139	7	13	93	R	G	3	COTEELEX	3
140	7	13	93	R	G	3	DI010101	2
141	7	13	93	R	G	3	OP010101	2
142	7	13	93	R	G	3	OP010103	7
143	7	13	93	R	G	3	OP010103	18
144	7	13	93	R	G	3	ORACCAPE	1
145	7	13	93	R	G	3	ORGYCEUT	15
146	7	13	93	R	G	3	PS010101	1
147	7	13	93	R	G	3	SO010101	1
148	7	13	93	R	G	4	AR010119	1
149	7	13	93	R	G	4	ARCL0103	1
150	7	13	93	R	G	4	ARGN0101	3
151	7	13	93	R	G	4	ARGN0107	3
152	7	13	93	R	G	4	ARLY0104	3
153	7	13	93	R	G	4	ARLYPA02	6
154	7	13	93	R	G	4	ARLYPA04	4
155	7	13	93	R	G	4	CH010101	1
156	7	13	93	R	G	4	COCACATA	1
157	7	13	93	R	G	4	COCU0104	1
158	7	13	93	R	G	4	HEAL0101	1
159	7	13	93	R	G	4	OP010103	18
160	7	13	93	R	G	4	ORGYCEUT	7
161	7	13	93	R	G	4	ORGYSTNE	1
162	7	13	93	R	G	6	ARGN0107	4
163	7	13	93	R	G	6	ARLY0103	2
164	7	13	93	R	G	6	ARLYPA04	3
165	7	13	93	R	G	6	COCA0113	1
166	7	13	93	R	G	6	COCA0114	1
167	7	13	93	R	G	6	COCU0104	1
168	7	13	93	R	G	6	COTEELEX	2
169	7	13	93	R	G	6	DI010101	2
170	7	13	93	R	G	6	HELY0103	1
171	7	13	93	R	G	6	OP010103	4

LAMESA FIRE ARTHROPOD PITFALL TRAP DATA

16:09 Sunday, June 26, 1994⁴

OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
172	7	13	93	R	G	6	ORACARCO	1
173	7	13	93	R	G	6	ORACERSI	1
174	7	13	93	R	G	7	ARGN0101	2
175	7	13	93	R	G	7	ARGN0101	2
176	7	13	93	R	G	7	ARLY0104	2
177	7	13	93	R	G	7	ARLYPA04	2
178	7	13	93	R	G	7	ARLYPA05	3
179	7	13	93	R	G	7	ARPH0101	2
180	7	13	93	R	G	7	ARSA0104	1
181	7	13	93	R	G	7	CO010113	7
182	7	13	93	R	G	7	COCA0112	1
183	7	13	93	R	G	7	COCU0104	1
184	7	13	93	R	G	7	COEL0109	1
185	7	13	93	R	G	7	COTEELEX	10
186	7	13	93	R	G	7	ORACME01	1
187	7	13	93	R	G	7	ORACMEOC	1
188	7	13	93	R	G	7	SO010101	1
189	7	13	93	R	G	8	ARLY0104	4
190	7	13	93	R	G	8	ARLYPA04	3
191	7	13	93	R	G	8	ARLYPA05	8
192	7	13	93	R	G	8	CO010113	2
193	7	13	93	R	G	8	COCA0112	2
194	7	13	93	R	G	8	COTEELEX	4
195	7	13	93	R	G	8	OP010103	6
196	7	13	93	R	G	8	ORACARCO	2
197	7	13	93	R	G	8	ORACERSI	2
198	7	13	93	R	G	8	ORACME03	1
199	7	13	93	R	G	8	ORACOPOB	1
200	7	13	93	R	G	8	ORGYCEUT	4
201	7	13	93	R	G	9	AR010106	1
202	7	13	93	R	G	9	AR010119	5
203	7	13	93	R	G	9	ARGN0101	2
204	7	13	93	R	G	9	ARGN0101	1
205	7	13	93	R	G	9	ARGN0103	1
206	7	13	93	R	G	9	ARGN0107	5
207	7	13	93	R	G	9	ARLY0103	2
208	7	13	93	R	G	9	ARLY0104	3
209	7	13	93	R	G	9	ARLY0104	3
210	7	13	93	R	G	9	ARPH0101	4
211	7	13	93	R	G	9	ARTH0101	2
212	7	13	93	R	G	9	CO010113	3
213	7	13	93	R	G	9	COCA0112	2
214	7	13	93	R	G	9	COCU0104	1
215	7	13	93	R	G	9	COTEELEX	1
216	7	13	93	R	G	9	HERE0101	1
217	7	13	93	R	G	9	OP010103	6
218	7	13	93	R	G	9	ORGYCEUT	8
219	7	13	93	R	G	10	AR010119	3
220	7	13	93	R	G	10	ARLY0104	6
221	7	13	93	R	G	10	CH010101	1
222	7	13	93	R	G	10	CO010113	5
223	7	13	93	R	G	10	COCA0112	2
224	7	13	93	R	G	10	COCU0104	5
225	7	13	93	R	G	10	COTEELEX	2
226	7	13	93	R	G	10	ORACARCO	1
227	7	12	93	R	O	1	ARGN0101	2
228	7	12	93	R	O	1	ARGN0103	1

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
229	7	12	93	R	O	1	ARGN0107	2
230	7	12	93	R	O	1	ARLYPA01	9
231	7	12	93	R	O	1	ARLYPA04	13
232	7	12	93	R	O	1	COCA0112	10
233	7	12	93	R	O	1	COCAPTLU	1
234	7	12	93	R	O	1	COCU0104	2
235	7	12	93	R	O	1	COTEEL07	1
236	7	12	93	R	O	1	COTEEL08	1
237	7	12	93	R	O	1	MIME0101	104
238	7	12	93	R	O	1	ORGYCEUT	6
239	7	12	93	R	O	2	ARGN0102	1
240	7	12	93	R	O	2	ARGN0105	1
241	7	12	93	R	O	2	ARGN0107	2
242	7	12	93	R	O	2	ARLYPA02	2
243	7	12	93	R	O	2	ARLYPA04	10
244	7	12	93	R	O	2	COCA0112	4
245	7	12	93	R	O	2	COCA0112	2
246	7	12	93	R	O	2	COCAPTLU	1
247	7	12	93	R	O	2	COCU0104	3
248	7	12	93	R	O	2	COLA0101	1
249	7	12	93	R	O	2	DI010101	1
250	7	12	93	R	O	2	MIME0101	54
251	7	12	93	R	O	3	ARGN0101	3
252	7	12	93	R	O	3	ARGN0103	3
253	7	12	93	R	O	3	ARGN0107	3
254	7	12	93	R	O	3	ARLY0103	1
255	7	12	93	R	O	3	ARLYPA01	16
256	7	12	93	R	O	3	ARLYPA04	5
257	7	12	93	R	O	3	COCA0112	43
258	7	12	93	R	O	3	DI010101	1
259	7	12	93	R	O	3	MIME0101	138
260	7	12	93	R	O	3	ORAC0101	1
261	7	13	93	R	O	4	ARGN0103	2
262	7	13	93	R	O	4	ARLYPA04	7
263	7	13	93	R	O	4	ARTH0101	2
264	7	13	93	R	O	4	COCA0112	3
265	7	13	93	R	O	4	COCU0104	2
266	7	13	93	R	O	4	COSC0101	1
267	7	13	93	R	O	4	DI010101	2
268	7	13	93	R	O	4	MIME0101	107
269	7	13	93	R	O	4	ORGYSTNE	2
270	7	13	93	R	O	5	ARGN0101	1
271	7	13	93	R	O	5	ARLY0103	1
272	7	13	93	R	O	5	ARLYPA04	5
273	7	13	93	R	O	5	ARTH0102	1
274	7	13	93	R	O	5	COCA0112	10
275	7	13	93	R	O	5	COCU0104	2
276	7	13	93	R	O	5	MIME0101	148
277	7	13	93	R	O	5	ORGYSTNE	2
278	7	13	93	R	O	6	ARCL0103	2
279	7	13	93	R	O	6	ARGN0101	1
280	7	13	93	R	O	6	ARLY0103	2
281	7	13	93	R	O	6	ARLYPA04	23
282	7	13	93	R	O	6	COCA0112	4
283	7	13	93	R	O	6	COCH0101	1
284	7	13	93	R	O	6	COCU0104	2
285	7	13	93	R	O	6	COSC0101	2

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
286	7	13	93	R	O	6	COTEEL08	2
287	7	13	93	R	O	6	MIME0101	106
288	7	13	93	R	O	6	ORGYCEUT	2
289	7	12	93	R	O	9	AR010122	1
290	7	12	93	R	O	9	ARLY0103	7
291	7	12	93	R	O	9	ARLYPA02	11
292	7	12	93	R	O	9	ARLYPA04	19
293	7	12	93	R	O	9	ARTH0101	1
294	7	12	93	R	O	9	COCA0112	9
295	7	12	93	R	O	9	COST0113	1
296	7	12	93	R	O	9	HELY0106	1
297	7	12	93	R	O	9	MIME0101	142
298	7	12	93	R	O	9	ORGYCEUT	5
299	7	12	93	R	O	9	SO010101	3
300	7	12	93	R	O	10	ARGN0107	3
301	7	12	93	R	O	10	ARLYPA01	7
302	7	12	93	R	O	10	ARLYPA02	9
303	7	12	93	R	O	10	ARLYPA04	56
304	7	12	93	R	O	10	CH010102	2
305	7	12	93	R	O	10	COCA0112	3
306	7	12	93	R	O	10	COCARHUM	1
307	7	12	93	R	O	10	COCU0104	1
308	7	12	93	R	O	10	COSC0101	2
309	7	12	93	R	O	10	COTEEL07	1
310	7	12	93	R	O	10	COTEELEX	6
311	7	12	93	R	O	10	MIME0101	43
312	7	12	93	R	O	10	ORGYCEUT	1
313	7	13	93	R	S	1	ARGN0101	2
314	7	13	93	R	S	1	ARGN0107	2
315	7	13	93	R	S	1	ARLYPA04	6
316	7	13	93	R	S	1	COCAPTAD	1
317	7	13	93	R	S	1	MIME0101	21
318	7	13	93	R	S	1	ORGYCEUT	7
319	7	13	93	R	S	2	ARGN0101	5
320	7	13	93	R	S	2	ARGN0104	1
321	7	13	93	R	S	2	ARGN0107	1
322	7	13	93	R	S	2	ARLY0103	3
323	7	13	93	R	S	2	ARLYPA04	14
324	7	13	93	R	S	2	COCR0102	11
325	7	13	93	R	S	2	COCU0104	4
326	7	13	93	R	S	2	COEL0103	1
327	7	13	93	R	S	2	COSC0109	2
328	7	13	93	R	S	2	HELY0107	3
329	7	13	93	R	S	2	MIME0101	1
330	7	13	93	R	S	2	OP010103	1
331	7	13	93	R	S	2	ORGYCEUT	8
332	7	13	93	R	S	3	ARGN0107	12
333	7	13	93	R	S	3	ARLYPA04	16
334	7	13	93	R	S	3	ARTH0101	1
335	7	13	93	R	S	3	ARTH0102	1
336	7	13	93	R	S	3	CO010114	1
337	7	13	93	R	S	3	COCAPTAD	1
338	7	13	93	R	S	3	COCR0102	22
339	7	13	93	R	S	3	COCU0110	1
340	7	13	93	R	S	3	COHI0103	1
341	7	13	93	R	S	3	OP010103	8
342	7	13	93	R	S	3	ORGYCEUT	7

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
343	7	13	93	R	S	4	ARCL0104	1
344	7	13	93	R	S	4	ARGN0101	2
345	7	13	93	R	S	4	ARGN0101	4
346	7	13	93	R	S	4	ARGN0102	1
347	7	13	93	R	S	4	ARGN0107	4
348	7	13	93	R	S	4	ARGN0107	1
349	7	13	93	R	S	4	ARLYPA01	3
350	7	13	93	R	S	4	ARLYPA04	36
351	7	13	93	R	S	4	ARLYPA04	12
352	7	13	93	R	S	4	CO010114	1
353	7	13	93	R	S	4	COCA0117	1
354	7	13	93	R	S	4	COCACATA	1
355	7	13	93	R	S	4	COCU0104	1
356	7	13	93	R	S	4	COST0102	2
357	7	13	93	R	S	4	DI010101	1
358	7	13	93	R	S	4	OP010103	4
359	7	13	93	R	S	4	ORGYCEUT	1
360	7	13	93	R	S	5	AR010101	1
361	7	13	93	R	S	5	ARGN0107	2
362	7	13	93	R	S	5	ARGN0107	1
363	7	13	93	R	S	5	ARLYPA01	2
364	7	13	93	R	S	5	ARLYPA02	1
365	7	13	93	R	S	5	ARLYPA04	1
366	7	13	93	R	S	5	ARLYPA04	26
367	7	13	93	R	S	5	COCA0112	1
368	7	13	93	R	S	5	COCACATA	1
369	7	13	93	R	S	5	COCR0102	2
370	7	13	93	R	S	5	COCU0104	1
371	7	13	93	R	S	5	COCU0111	1
372	7	13	93	R	S	5	COST0102	3
373	7	13	93	R	S	5	COST0103	3
374	7	13	93	R	S	5	COST0114	2
375	7	13	93	R	S	5	HELY0108	2
376	7	13	93	R	S	5	HETI0101	2
377	7	13	93	R	S	5	OP010103	2
378	7	13	93	R	S	5	ORGYCEUT	9
379	7	13	93	R	S	6	AR010112	1
380	7	13	93	R	S	6	AR010119	2
381	7	13	93	R	S	6	ARGN0107	3
382	7	13	93	R	S	6	ARLYPA04	18
383	7	13	93	R	S	6	COSC0101	2
384	7	13	93	R	S	6	MIME0101	12
385	7	13	93	R	S	10	ARLYPA01	2
386	7	13	93	R	S	10	COTEELEX	1
387	7	13	93	R	S	10	MIME0101	1
388	7	13	93	R	S	10	ORGYCEUT	2
389	8	18	93	R	F	1	ARGN0107	1
390	8	18	93	R	F	1	ARLY0105	1
391	8	18	93	R	F	1	ARLYPA01	1
392	8	18	93	R	F	1	COCA0112	1
393	8	18	93	R	F	1	COCR0102	48
394	8	18	93	R	F	1	COCR0102	69
395	8	18	93	R	F	1	COST0103	4
396	8	18	93	R	F	1	COST0111	2
397	8	18	93	R	F	1	HYVEVE01	9
398	8	18	93	R	F	1	HYVEVE01	5
399	8	18	93	R	F	1	OP010103	1

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
400	8	18	93	R	F	1	OP010103	3
401	8	18	93	R	F	1	ORGYCEUT	17
402	8	18	93	R	F	1	ORGYCEUT	49
403	8	18	93	R	F	2	ARGN0101	1
404	8	18	93	R	F	2	ARLYPA04	1
405	8	18	93	R	F	2	ARPH0101	2
406	8	18	93	R	F	2	COCR0102	256
407	8	18	93	R	F	2	HYPO0101	1
408	8	18	93	R	F	2	ORGYCEUT	1
409	8	18	93	R	F	3	AR010118	1
410	8	18	93	R	F	3	ARGN0101	2
411	8	18	93	R	F	3	ARLYPA04	3
412	8	18	93	R	F	3	COCAPTLU	1
413	8	18	93	R	F	3	COCR0102	58
414	8	18	93	R	F	3	COSINI01	2
415	8	18	93	R	F	3	COST0108	6
416	8	18	93	R	F	3	COST0112	2
417	8	18	93	R	F	3	COST0113	18
418	8	18	93	R	F	3	HYVEVE01	2
419	8	18	93	R	F	3	ORGYCEUT	1
420	8	18	93	R	F	4	ARLYPA04	1
421	8	18	93	R	F	4	COCACYPU	4
422	8	18	93	R	F	4	COCR0102	39
423	8	18	93	R	F	4	HYVEVE01	10
424	8	18	93	R	F	4	OP010103	2
425	8	18	93	R	F	4	ORGYCEUT	45
426	8	18	93	R	F	5	ARGN0101	1
427	8	18	93	R	F	5	ARLYPA04	2
428	8	18	93	R	F	5	ARSASAPA	1
429	8	18	93	R	F	5	COCR0102	112
430	8	18	93	R	F	5	COST0103	11
431	8	18	93	R	F	5	HYVEVE01	1
432	8	18	93	R	F	5	ORGYCEUT	6
433	8	28	93	R	F	6	ARGN0101	1
434	8	28	93	R	F	6	ARLYPA01	1
435	8	28	93	R	F	6	ARLYPA04	2
436	8	28	93	R	F	6	CH010102	1
437	8	28	93	R	F	6	COST0103	6
438	8	28	93	R	F	6	COST0112	1
439	8	28	93	R	F	6	HYVEVE01	6
440	8	28	93	R	F	6	ORGYCEUT	2
441	8	18	93	R	F	7	ARGN0103	1
442	8	18	93	R	F	7	CH010101	1
443	8	18	93	R	F	7	COCA0112	1
444	8	18	93	R	F	7	COST0103	17
445	8	18	93	R	F	7	COST0105	2
446	8	18	93	R	F	7	HYPO0101	1
447	8	28	93	R	F	8	ARCL0102	1
448	8	28	93	R	F	8	ARGN0101	7
449	8	28	93	R	F	8	ARGN0103	1
450	8	28	93	R	F	8	ARLY0101	1
451	8	28	93	R	F	8	ARPH0101	1
452	8	28	93	R	F	8	COCA0112	2
453	8	28	93	R	F	8	HYPO0101	1
454	8	28	93	R	F	8	HYVEVE01	22
455	8	28	93	R	F	9	ARGN0101	1
456	8	28	93	R	F	9	ARLYPA01	7

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
457	8	28	93	R	F	9	ARLYPA04	2
458	8	28	93	R	F	9	COCA0112	4
459	8	28	93	R	F	9	COST0103	2
460	8	28	93	R	F	9	HYPO0101	2
461	8	28	93	R	F	9	HYVEVE01	19
462	8	28	93	R	F	9	ORGYCEUT	3
463	8	28	93	R	F	10	AR010118	1
464	8	28	93	R	F	10	ARLYPA01	1
465	8	28	93	R	F	10	ARLYPA04	1
466	8	28	93	R	F	10	CO010130	1
467	8	28	93	R	F	10	COCAPTLU	1
468	8	28	93	R	F	10	COCR0102	82
469	8	28	93	R	F	10	HELY0103	1
470	8	28	93	R	F	10	HYVEVE01	49
471	8	28	93	R	F	10	OP010103	3
472	8	28	93	R	F	10	ORGYCEUT	1
473	8	18	93	R	G	1	ARLYPA02	5
474	8	18	93	R	G	1	ARLYPA04	6
475	8	18	93	R	G	1	COTEELEX	2
476	8	18	93	R	G	1	DI010101	6
477	8	18	93	R	G	1	HYVEVE01	5
478	8	18	93	R	G	1	OP010103	3
479	8	18	93	R	G	1	ORGYCEUT	23
480	8	18	93	R	G	2	ARLYPA04	2
481	8	18	93	R	G	2	DI010101	4
482	8	18	93	R	G	2	HYVEVE01	1
483	8	18	93	R	G	2	ORGYCEUT	1
484	8	18	93	R	G	3	ARLYPA02	3
485	8	18	93	R	G	3	ARLYPA04	2
486	8	18	93	R	G	3	CH010101	1
487	8	18	93	R	G	3	COCA0112	1
488	8	18	93	R	G	3	OP010103	2
489	8	18	93	R	G	3	ORGYCEUT	8
490	8	18	93	R	G	4	ARCL0101	3
491	8	18	93	R	G	4	ARGN0101	1
492	8	18	93	R	G	4	ARGN0107	1
493	8	18	93	R	G	4	ARLYPA01	1
494	8	18	93	R	G	4	COCA0112	2
495	8	18	93	R	G	4	HYVEVE01	8
496	8	18	93	R	G	4	OP010103	1
497	8	18	93	R	G	4	ORACCAPE	1
498	8	18	93	R	G	4	ORACTRMO	1
499	8	18	93	R	G	4	ORGYCEUT	2
500	8	18	93	R	G	5	ARGN0101	1
501	8	18	93	R	G	5	ARLY0103	1
502	8	18	93	R	G	5	COCA0112	1
503	8	18	93	R	G	5	COCAPTAD	1
504	8	18	93	R	G	5	COCAPTLU	1
505	8	18	93	R	G	5	COCARHUM	1
506	8	18	93	R	G	5	DI010101	1
507	8	18	93	R	G	5	HYSPE01	2
508	8	18	93	R	G	5	OP010103	11
509	8	18	93	R	G	5	ORACCIRA	1
510	8	18	93	R	G	5	ORACTRMO	1
511	8	18	93	R	G	5	ORGYCEUT	13
512	8	18	93	R	G	5	SO010101	2
513	8	18	93	R	G	6	ARLY0103	2

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
514	8	18	93	R	G	6	ARLYPA02	4
515	8	18	93	R	G	6	COCA0112	3
516	8	18	93	R	G	6	COCA0113	3
517	8	18	93	R	G	6	COTEELEX	2
518	8	18	93	R	G	6	ORACCAPE	1
519	8	18	93	R	G	7	ARGN0103	2
520	8	18	93	R	G	7	ARPH0101	4
521	8	18	93	R	G	7	COCA0112	3
522	8	18	93	R	G	7	DI010101	1
523	8	18	93	R	G	7	ORGYCEUT	1
524	8	18	93	R	G	8	ARGN0101	1
525	8	18	93	R	G	8	ARLYPA01	10
526	8	18	93	R	G	8	COCA0112	3
527	8	18	93	R	G	8	OP010101	2
528	8	18	93	R	G	8	ORGYCEUT	5
529	8	18	93	R	G	9	ARGN0107	1
530	8	18	93	R	G	9	ARLYPA01	3
531	8	18	93	R	G	9	ARTH0101	1
532	8	18	93	R	G	9	CH010101	1
533	8	18	93	R	G	9	COCA0112	6
534	8	18	93	R	G	9	COCA0113	2
535	8	18	93	R	G	9	COTEELHO	1
536	8	18	93	R	G	9	OP010103	5
537	8	18	93	R	G	9	ORGYCEUT	9
538	8	18	93	R	G	10	AR010124	3
539	8	18	93	R	G	10	ARLY0101	1
540	8	18	93	R	G	10	ARLYPA01	11
541	8	18	93	R	G	10	CH010101	1
542	8	18	93	R	G	10	COCACYCR	1
543	8	18	93	R	G	10	ORGYCEUT	7
544	8	28	93	R	O	1	ARGN0104	3
545	8	28	93	R	O	1	ARLYPA01	21
546	8	28	93	R	O	1	COCA0112	37
547	8	28	93	R	O	1	COTEEL07	2
548	8	28	93	R	O	1	MIME0101	45
549	8	28	93	R	O	1	OP010103	1
550	8	28	93	R	O	1	ORACME02	1
551	8	28	93	R	O	1	ORACMEAR	1
552	8	28	93	R	O	1	ORGYCEUT	5
553	8	28	93	R	O	2	ARGN0101	5
554	8	28	93	R	O	2	ARGN0104	1
555	8	28	93	R	O	2	ARLYPA01	2
556	8	28	93	R	O	2	ARLYPA03	1
557	8	28	93	R	O	2	COCA0112	36
558	8	28	93	R	O	2	COEL0108	1
559	8	28	93	R	O	2	COST0103	1
560	8	28	93	R	O	2	COST0106	1
561	8	28	93	R	O	2	COTEEL08	1
562	8	28	93	R	O	2	MIME0101	10
563	8	28	93	R	O	2	ORGYCEUT	3
564	8	28	93	R	O	3	ARGN0101	2
565	8	28	93	R	O	3	ARLY0101	1
566	8	28	93	R	O	3	ARLYPA01	2
567	8	28	93	R	O	3	ARLYPA04	1
568	8	28	93	R	O	3	COCA0112	26
569	8	28	93	R	O	3	DI010101	3
570	8	28	93	R	O	3	DI010103	1

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
571	8	28	93	R	O	3	HYPO0101	1
572	8	28	93	R	O	3	MIME0101	31
573	8	28	93	R	O	3	ORAC0106	1
574	8	28	93	R	O	3	ORGYCEUT	1
575	8	28	93	R	O	3	ORGYSTNE	1
576	8	28	93	R	O	4	ARGN0102	2
577	8	28	93	R	O	4	ARGN0104	2
578	8	28	93	R	O	4	ARLYPA01	5
579	8	28	93	R	O	4	COCA0112	5
580	8	28	93	R	O	4	COSINI01	2
581	8	28	93	R	O	4	COTEEL07	1
582	8	28	93	R	O	4	DI010101	1
583	8	28	93	R	O	4	MIME0101	16
584	8	28	93	R	O	4	ORGYCEUT	2
585	8	28	93	R	O	4	ORGYSTNE	1
586	8	28	93	R	O	5	ARGN0101	4
587	8	28	93	R	O	5	ARGN0102	2
588	8	28	93	R	O	5	ARGN0104	4
589	8	28	93	R	O	5	ARLYPA01	3
590	8	28	93	R	O	5	ARLYPA01	1
591	8	28	93	R	O	5	COCA0112	15
592	8	28	93	R	O	5	COCACYPU	1
593	8	28	93	R	O	5	COTEEL07	2
594	8	28	93	R	O	5	DI010101	1
595	8	28	93	R	O	5	MIME0101	34
596	8	28	93	R	O	5	ORGYCEUT	6
597	8	28	93	R	O	5	ORGYSTFJ	1
598	8	28	93	R	O	5	ORGYSTNE	5
599	8	28	93	R	O	6	ARGN0103	2
600	8	28	93	R	O	6	ARGN0104	1
601	8	28	93	R	O	6	ARLYPA01	3
602	8	28	93	R	O	6	COCA0112	12
603	8	28	93	R	O	6	COTEEL08	1
604	8	28	93	R	O	6	MIME0101	31
605	8	28	93	R	O	6	ORGYCEUT	3
606	8	28	93	R	O	7	ARGN0104	1
607	8	28	93	R	O	7	ARGN0107	1
608	8	28	93	R	O	7	CO010116	5
609	8	28	93	R	O	7	COCA0112	11
610	8	28	93	R	O	7	COCR0102	3
611	8	28	93	R	O	7	COCU0101	1
612	8	28	93	R	O	7	COSINI01	19
613	8	28	93	R	O	7	COTEEL07	2
614	8	28	93	R	O	7	HELY0103	1
615	8	28	93	R	O	7	MIME0101	6
616	8	28	93	R	O	7	ORGYCEUT	2
617	8	28	93	R	O	8	ARCL0104	3
618	8	28	93	R	O	8	ARCL0105	1
619	8	28	93	R	O	8	ARGN0101	2
620	8	28	93	R	O	8	ARLY0103	2
621	8	28	93	R	O	8	CH010103	1
622	8	28	93	R	O	8	COCA0112	18
623	8	28	93	R	O	8	COST0106	1
624	8	28	93	R	O	8	MIME0101	18
625	8	28	93	R	O	8	ORGYSTNE	1
626	8	28	93	R	O	9	ARGN0101	1
627	8	28	93	R	O	9	ARGN0102	7

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
628	8	28	93	R	O	9	ARLY0103	2
629	8	28	93	R	O	9	ARLYPA01	3
630	8	28	93	R	O	9	COCA0112	20
631	8	28	93	R	O	9	COCAPTLU	1
632	8	28	93	R	O	9	COTEEL07	1
633	8	28	93	R	O	9	DI010101	2
634	8	28	93	R	O	9	MIME0101	30
635	8	28	93	R	O	9	ORGRGR01	2
636	8	28	93	R	O	9	ORGYCEUT	3
637	8	28	93	R	O	9	ORGYSTNE	2
638	8	28	93	R	O	10	ARCL0106	1
639	8	28	93	R	O	10	ARCL0106	3
640	8	28	93	R	O	10	ARLYPA04	6
641	8	28	93	R	O	10	COCA0112	23
642	8	28	93	R	O	10	COTEEL07	2
643	8	28	93	R	O	10	DI010101	1
644	8	28	93	R	O	10	HYP0PE01	1
645	8	28	93	R	O	10	MIME0101	31
646	8	28	93	R	O	10	ORGR0101	1
647	8	28	93	R	O	10	ORGYSTNE	4
648	8	18	93	R	S	1	ARGN0101	1
649	8	18	93	R	S	1	ARLY0104	1
650	8	18	93	R	S	1	ARLYPA01	1
651	8	18	93	R	S	1	COCR0102	82
652	8	18	93	R	S	1	HYVEVE01	1
653	8	18	93	R	S	1	MIME0101	1
654	8	18	93	R	S	1	OP010103	2
655	8	18	93	R	S	1	ORGYCEUT	13
656	8	18	93	R	S	2	ARGN0101	3
657	8	18	93	R	S	2	ARLYPA04	5
658	8	18	93	R	S	2	CH010101	1
659	8	18	93	R	S	2	COCR0102	72
660	8	18	93	R	S	2	DI010101	1
661	8	18	93	R	S	2	HYVEVE01	2
662	8	18	93	R	S	2	ORGYCEUT	3
663	8	18	93	R	S	3	ARGN0103	1
664	8	18	93	R	S	3	ARLYPA02	1
665	8	18	93	R	S	3	COCA0112	1
666	8	18	93	R	S	3	COCR0102	18
667	8	18	93	R	S	3	COST0103	7
668	8	18	93	R	S	3	ORGYCEUT	5
669	8	18	93	R	S	4	ARGN0101	1
670	8	18	93	R	S	4	ARLY0103	1
671	8	18	93	R	S	4	ARLYPA01	1
672	8	18	93	R	S	4	ARLYPA02	2
673	8	18	93	R	S	4	ARLYPA04	9
674	8	18	93	R	S	4	ARLYPA05	2
675	8	18	93	R	S	4	ARPH0101	1
676	8	18	93	R	S	4	CH010101	1
677	8	18	93	R	S	4	CH010101	2
678	8	18	93	R	S	4	COCA0102	3
679	8	18	93	R	S	4	COCA0112	1
680	8	18	93	R	S	4	COST0103	2
681	8	18	93	R	S	4	COST0103	8
682	8	18	93	R	S	4	HYVEVE01	1
683	8	18	93	R	S	4	OP010103	1
684	8	18	93	R	S	4	ORGYCEUT	3

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
685	8	18	93	R	S	4	ORGYCEUT	2
686	8	28	93	R	S	5	ARGN0101	2
687	8	28	93	R	S	5	ARGN0102	2
688	8	18	93	R	S	5	ARGN0107	1
689	8	28	93	R	S	5	ARGN0107	1
690	8	18	93	R	S	5	ARLYPA01	1
691	8	28	93	R	S	5	ARLYPA01	2
692	8	28	93	R	S	5	ARLYPA04	23
693	8	18	93	R	S	5	CO010103	1
694	8	18	93	R	S	5	CO010129	1
695	8	18	93	R	S	5	COCA0112	1
696	8	18	93	R	S	5	COCARHUM	1
697	8	18	93	R	S	5	COCR0102	19
698	8	18	93	R	S	5	COCR0102	16
699	8	18	93	R	S	5	COCR0102	3
700	8	18	93	R	S	5	COCU0104	1
701	8	18	93	R	S	5	COCU0104	1
702	8	28	93	R	S	5	COSC0101	1
703	8	18	93	R	S	5	COST0103	1
704	8	28	93	R	S	5	COST0103	4
705	8	28	93	R	S	5	COST0108	1
706	8	18	93	R	S	5	HELY0108	1
707	8	18	93	R	S	6	AR010102	1
708	8	18	93	R	S	6	ARCL0104	6
709	8	18	93	R	S	6	ARGN0101	3
710	8	18	93	R	S	6	ARLYPA04	5
711	8	18	93	R	S	6	MIME0101	18
712	8	28	93	R	S	9	ARCL0104	1
713	8	28	93	R	S	9	ARGN0101	1
714	8	28	93	R	S	9	ARLYPA01	2
715	8	28	93	R	S	9	ARLYPA04	1
716	8	28	93	R	S	9	CO010130	1
717	8	28	93	R	S	9	COCA0112	2
718	8	28	93	R	S	9	COCR0102	23
719	8	28	93	R	S	9	HYVEVE01	2
720	8	28	93	R	S	9	MIME0101	1
721	8	28	93	R	S	9	ORGYCEUT	6
722	8	28	93	R	S	9	ORGYSTNE	1
723	8	28	93	R	S	10	ARGN0107	2
724	8	28	93	R	S	10	ARLYPA01	1
725	8	28	93	R	S	10	COCR0102	15
726	8	28	93	R	S	10	MIME0101	2
727	10	4	93	R	F	1	ARGN0101	2
728	10	4	93	R	F	1	CO010123	1
729	10	4	93	R	F	1	COCA0112	1
730	10	4	93	R	F	1	COCARHUM	1
731	10	4	93	R	F	1	COTEEL08	1
732	10	4	93	R	F	1	HYVEVE01	13
733	10	4	93	R	F	1	OP010103	1
734	10	4	93	R	F	1	ORGYCEUT	18
735	10	4	93	R	F	2	ARCL0103	1
736	10	4	93	R	F	2	ARLYPA01	1
737	10	4	93	R	F	2	CH010102	1
738	10	4	93	R	F	2	HYVEVE01	11
739	10	4	93	R	F	2	ORGYCEUT	1
740	10	4	93	R	F	3	ARLYPA01	1
741	10	4	93	R	F	3	COCACATA	2

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
742	10	4	93	R	F	3	COCR0102	1
743	10	4	93	R	F	3	COST0103	25
744	10	4	93	R	F	3	HYVEVE01	20
745	10	4	93	R	F	3	ORGYCEUT	2
746	10	4	93	R	F	4	ARLYPA02	1
747	10	4	93	R	F	4	COCACATA	2
748	10	4	93	R	F	4	COCARHUM	4
749	10	4	93	R	F	4	HYVEVE01	22
750	10	4	93	R	F	4	OP010103	4
751	10	4	93	R	F	4	ORGYCEUT	26
752	10	4	93	R	F	5	ARLYPA01	1
753	10	4	93	R	F	5	CH010102	1
754	10	4	93	R	F	5	CO010122	2
755	10	4	93	R	F	5	COST0103	24
756	10	4	93	R	F	5	HELY0103	1
757	10	4	93	R	F	5	HYVEVE01	1
758	10	4	93	R	F	6	ARTH0101	1
759	10	4	93	R	F	6	HYVEVE01	3
760	10	4	93	R	F	6	ORGYCEUT	1
761	10	4	93	R	F	7	ARCL0103	3
762	10	4	93	R	F	7	CH010102	1
763	10	4	93	R	F	7	DI010101	4
764	10	4	93	R	F	7	OP010103	2
765	10	4	93	R	F	7	ORGYCEUT	4
766	10	4	93	R	F	8	COST0103	5
767	10	4	93	R	F	8	COST0108	1
768	10	4	93	R	F	8	HYVEVE01	8
769	10	4	93	R	F	8	ORGYCEUT	1
770	10	9	93	R	F	9	AR010125	1
771	10	9	93	R	F	9	ARLYPA01	1
772	10	9	93	R	F	9	COST0103	6
773	10	9	93	R	F	9	HELY0103	1
774	10	9	93	R	F	9	HYVEVE01	35
775	10	9	93	R	F	9	OP010103	1
776	10	4	93	R	F	10	ARGN0107	1
777	10	4	93	R	F	10	COCR0102	37
778	10	4	93	R	F	10	COST0103	1
779	10	4	93	R	F	10	HYVEVE01	22
780	10	4	93	R	F	10	ORGYCEUT	2
781	10	4	93	R	G	1	ARGN0103	1
782	10	4	93	R	G	1	ARLYGE01	1
783	10	4	93	R	G	1	ARLYPA02	1
784	10	4	93	R	G	1	ARPH0101	2
785	10	4	93	R	G	1	COCA0112	2
786	10	4	93	R	G	1	COTESTCO	1
787	10	4	93	R	G	1	DI010101	1
788	10	4	93	R	G	1	HYVEVE01	18
789	10	4	93	R	G	1	ORGYCEUT	6
790	10	4	93	R	G	2	ARGN0107	1
791	10	4	93	R	G	2	ARLYPA01	3
792	10	4	93	R	G	2	CO010108	1
793	10	4	93	R	G	2	CO010124	1
794	10	4	93	R	G	2	COCACATA	2
795	10	4	93	R	G	2	COST0103	1
796	10	4	93	R	G	2	DI010101	2
797	10	4	93	R	G	2	HYVEVE01	8
798	10	4	93	R	G	2	MIME0101	1

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
799	10	4	93	R	G	2	OP010103	2
800	10	4	93	R	G	2	ORACARCO	1
801	10	4	93	R	G	2	ORGYCEUT	1
802	10	4	93	R	G	3	ARLYPA01	3
803	10	4	93	R	G	3	ARPH0101	3
804	10	4	93	R	G	3	CH010101	1
805	10	4	93	R	G	3	COCACATA	1
806	10	4	93	R	G	3	COCAPTAD	2
807	10	4	93	R	G	3	COCARHUM	1
808	10	4	93	R	G	3	DI010101	8
809	10	4	93	R	G	3	HYVEVE01	2
810	10	4	93	R	G	3	OP010103	4
811	10	4	93	R	G	3	ORGYCEUT	10
812	10	4	93	R	G	4	ARLYPA01	1
813	10	4	93	R	G	4	ARTH0101	1
814	10	4	93	R	G	4	COCA0112	2
815	10	4	93	R	G	4	COCA0115	1
816	10	4	93	R	G	4	COCACATA	2
817	10	4	93	R	G	4	COCAPTLU	1
818	10	4	93	R	G	4	COST0103	1
819	10	4	93	R	G	4	DI010101	2
820	10	4	93	R	G	4	HYVEVE01	21
821	10	4	93	R	G	4	ORACCAPE	1
822	10	4	93	R	G	4	ORGYCEUT	3
823	10	4	93	R	G	4	PS010101	1
824	10	4	93	R	G	5	ARGN0101	2
825	10	4	93	R	G	5	ARLYPA01	3
826	10	4	93	R	G	5	CH010101	1
827	10	4	93	R	G	5	COCACATA	2
828	10	4	93	R	G	5	COCARHUM	1
829	10	4	93	R	G	5	DI010101	5
830	10	4	93	R	G	5	HYVEVE01	9
831	10	4	93	R	G	5	OP010103	3
832	10	4	93	R	G	5	ORACCAPE	1
833	10	4	93	R	G	5	ORGYCEUT	11
834	10	5	93	R	G	9	ARGN0101	3
835	10	5	93	R	G	9	ARLYPA01	1
836	10	5	93	R	G	9	ARTH0101	1
837	10	5	93	R	G	9	CH010102	3
838	10	5	93	R	G	9	CO010123	1
839	10	5	93	R	G	9	COCR0112	4
840	10	5	93	R	G	9	COCR0113	1
841	10	5	93	R	G	9	DI010101	1
842	10	5	93	R	G	9	OP010103	1
843	10	5	93	R	O	1	ARCL0105	1
844	10	5	93	R	O	1	ARLY0103	1
845	10	5	93	R	O	1	ARLYPA04	6
846	10	5	93	R	O	1	COCA0112	2
847	10	5	93	R	O	1	COCA0112	7
848	10	5	93	R	O	1	HYVEVE01	7
849	10	5	93	R	O	1	MIME0101	9
850	10	5	93	R	O	1	ORACDICA	1
851	10	5	93	R	O	1	ORGYCEUT	6
852	10	5	93	R	O	1	ORGYSTNE	1
853	10	5	93	R	O	2	ARCL0105	4
854	10	5	93	R	O	2	ARGN0101	2
855	10	5	93	R	O	2	ARLYPA04	5

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
856	10	5	93	R	O	2	COCU0104	1
857	10	5	93	R	O	2	COTEEL01	1
858	10	5	93	R	O	2	MIME0101	6
859	10	5	93	R	O	2	ORGYCEUT	1
860	10	5	93	R	O	3	ARCL0104	2
861	10	5	93	R	O	3	ARCL0105	1
862	10	5	93	R	O	3	ARGN0101	2
863	10	5	93	R	O	3	ARLY0103	2
864	10	5	93	R	O	3	COCA0112	3
865	10	5	93	R	O	3	COST0103	2
866	10	5	93	R	O	3	COTEEL08	1
867	10	5	93	R	O	3	DI010101	8
868	10	5	93	R	O	3	MIME0101	4
869	10	5	93	R	O	3	ORGYCEUT	2
870	10	5	93	R	O	3	ORGYSTNE	5
871	10	5	93	R	O	4	AR010119	2
872	10	5	93	R	O	4	ARGN0104	1
873	10	5	93	R	O	4	ARLY0103	2
874	10	5	93	R	O	4	ARLY0104	2
875	10	5	93	R	O	4	DI010101	2
876	10	5	93	R	O	4	MIME0101	2
877	10	5	93	R	O	4	ORGYCEUT	1
878	10	5	93	R	O	4	ORGYSTNE	1
879	10	5	93	R	O	5	ARCL0104	1
880	10	5	93	R	O	5	ARLY0104	2
881	10	5	93	R	O	5	CH010101	1
882	10	5	93	R	O	5	COCA0112	5
883	10	5	93	R	O	5	COCACH01	1
884	10	5	93	R	O	5	DI010101	1
885	10	5	93	R	O	5	HYVEVE01	4
886	10	5	93	R	O	5	MIME0101	13
887	10	5	93	R	O	5	ORACDICA	2
888	10	5	93	R	O	5	ORGROEFU	1
889	10	5	93	R	O	5	ORGYSTNE	2
890	10	5	93	R	O	6	ARCL0104	1
891	10	5	93	R	O	6	ARCL0105	2
892	10	5	93	R	O	6	ARCL0105	1
893	10	5	93	R	O	6	COCA0112	1
894	10	5	93	R	O	6	COCA0112	5
895	10	5	93	R	O	6	COCACH01	1
896	10	5	93	R	O	6	COST0111	2
897	10	5	93	R	O	6	COTEEL07	2
898	10	5	93	R	O	6	COTEEL07	2
899	10	5	93	R	O	6	COTEEL08	1
900	10	5	93	R	O	6	DI010101	2
901	10	5	93	R	O	6	HYVEVE01	3
902	10	5	93	R	O	6	MIME0101	4
903	10	5	93	R	O	6	ORGYCEUT	2
904	10	5	93	R	O	6	ORGYCEUT	2
905	10	5	93	R	O	6	ORGYSTNE	2
906	10	5	93	R	O	7	ARGN0104	1
907	10	5	93	R	O	7	MIME0101	7
908	10	5	93	R	O	7	ORGYCEUT	1
909	10	5	93	R	O	7	ORGYSTNE	2
910	10	5	93	R	O	8	ARCL0104	1
911	10	5	93	R	O	8	ARGN0104	3
912	10	5	93	R	O	8	COCA0112	6

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
913	10	5	93	R	O	8	COCH0102	1
914	10	5	93	R	O	8	HYVEVE01	1
915	10	5	93	R	O	8	MIME0101	2
916	10	5	93	R	O	8	ORGRGR01	2
917	10	5	93	R	O	8	ORGYCEUT	2
918	10	5	93	R	O	9	ARGN0104	3
919	10	5	93	R	O	9	HYVEVE01	1
920	10	5	93	R	O	9	MIME0101	3
921	10	5	93	R	O	9	ORGRGR01	2
922	10	5	93	R	O	9	ORGYCEUT	3
923	10	5	93	R	O	9	ORGYSTNE	1
924	10	5	93	R	O	10	ARGN0102	1
925	10	5	93	R	O	10	ARLYPA01	3
926	10	5	93	R	O	10	ARTH0101	2
927	10	5	93	R	O	10	COCA0112	3
928	10	5	93	R	O	10	DI010101	1
929	10	5	93	R	O	10	HY010102	1
930	10	5	93	R	O	10	HYVEVE01	11
931	10	5	93	R	O	10	MIME0101	1
932	10	5	93	R	O	10	ORGRGR01	2
933	10	5	93	R	O	10	ORGYCEUT	2
934	10	5	93	R	O	10	ORGYSTNE	3
935	10	4	93	R	S	1	ARCL0104	2
936	10	4	93	R	S	1	ARGN0101	1
937	10	4	93	R	S	1	ARLY0101	1
938	10	4	93	R	S	1	ARLYPA01	1
939	10	4	93	R	S	1	CH010102	2
940	10	4	93	R	S	1	COCACATA	1
941	10	4	93	R	S	1	COST0103	17
942	10	4	93	R	S	1	DI010101	1
943	10	4	93	R	S	1	OP010103	3
944	10	4	93	R	S	1	ORGYCEUT	2
945	10	4	93	R	S	2	ARCL0104	1
946	10	4	93	R	S	2	ARGN0101	1
947	10	4	93	R	S	2	ARGN0108	4
948	10	4	93	R	S	2	ARLYPA01	2
949	10	4	93	R	S	2	ORGYCEPA	3
950	10	4	93	R	S	3	COTEEL07	1
951	10	4	93	R	S	3	HYVEVE01	15
952	10	4	93	R	S	4	ARCL0104	1
953	10	4	93	R	S	4	ARCL0104	1
954	10	4	93	R	S	4	ARGN0101	2
955	10	4	93	R	S	4	ARGN0107	1
956	10	4	93	R	S	4	ARLY0101	1
957	10	4	93	R	S	4	ARLYPA01	1
958	10	4	93	R	S	4	ARTH0101	1
959	10	4	93	R	S	4	CO010110	1
960	10	4	93	R	S	4	COST0103	4
961	10	4	93	R	S	4	HYVEVE01	7
962	10	4	93	R	S	4	OP010102	1
963	10	4	93	R	S	4	OP010103	1
964	10	4	93	R	S	5	ARCL0103	1
965	10	4	93	R	S	5	ARGN0107	2
966	10	4	93	R	S	5	ARLYPA01	1
967	10	4	93	R	S	5	ARLYPA02	3
968	10	4	93	R	S	5	CO010120	3
969	10	4	93	R	S	5	COCACATA	1

LAMESA FIRE ARTHROPOD PITFALL TRAP DATA

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
970	10	4	93	R	S	5	COCACYCR	1
971	10	4	93	R	S	5	COCAPTAD	1
972	10	4	93	R	S	5	COST0103	65
973	10	4	93	R	S	5	HEAR0101	1
974	10	4	93	R	S	5	HYVEVE01	4
975	10	4	93	R	S	5	HYVEVE01	4
976	10	4	93	R	S	5	OP010102	1
977	10	4	93	R	S	5	ORACTRMO	1
978	10	4	93	R	S	5	ORGYCEPA	1
979	10	4	93	R	S	5	ORGYCEUT	3
980	10	4	93	R	S	6	ARGN0101	1
981	10	4	93	R	S	6	ARLYPA01	2
982	10	4	93	R	S	6	ARLYPA01	2
983	10	4	93	R	S	6	CH010102	1
984	10	4	93	R	S	6	COST0101	3
985	10	4	93	R	S	6	DI010101	1
986	10	4	93	R	S	6	MIME0101	4
987	10	4	93	R	S	6	MIME0101	4
988	10	4	93	R	S	9	ARGN0101	1
989	10	4	93	R	S	9	ARLYPA01	3
990	10	4	93	R	S	9	COCA0112	4
991	10	4	93	R	S	9	COCR0102	2
992	10	4	93	R	S	9	COST0103	10
993	10	4	93	R	S	9	HYVEVE01	14
994	10	4	93	R	S	9	MIME0101	5
995	10	4	93	R	S	9	ORGYCEUT	4
996	10	4	93	R	S	10	ARCL0104	2
997	10	4	93	R	S	10	HYPO0101	3
998	10	4	93	R	S	10	HYVEVE01	1
999	10	4	93	R	S	10	MIME0101	1
1000	11	1	93	R	F	1	COST0103	7
1001	11	1	93	R	F	1	COST0112	2
1002	11	1	93	R	F	1	HYVEVE01	1
1003	11	1	93	R	F	1	OP010103	3
1004	11	1	93	R	F	1	ORGYCEUT	3
1005	11	1	93	R	F	2	ARGN0101	1
1006	11	1	93	R	F	2	COCR0102	2
1007	11	1	93	R	F	2	COCR0104	1
1008	11	1	93	R	F	2	COST0103	13
1009	11	1	93	R	F	2	HYVEVE01	10
1010	11	1	93	R	F	2	OP010103	1
1011	11	1	93	R	F	3	ARCL0103	1
1012	11	1	93	R	F	3	COCR0102	1
1013	11	1	93	R	F	3	COST0103	12
1014	11	1	93	R	F	3	COST0104	2
1015	11	1	93	R	F	3	COST0108	1
1016	11	1	93	R	F	3	OP010103	1
1017	11	1	93	R	F	4	ARTH0101	1
1018	11	1	93	R	F	4	COST0103	28
1019	11	1	93	R	F	4	COST0104	1
1020	11	1	93	R	F	4	OP010103	8
1021	11	1	93	R	F	4	ORGYCEUT	3
1022	11	1	93	R	F	5	CO010119	1
1023	11	1	93	R	F	5	COCR0102	3
1024	11	1	93	R	F	5	COST0103	10
1025	11	1	93	R	F	5	COST0104	3
1026	11	1	93	R	F	5	ORGYCEUT	1

LAMESA FIRE ARTHROPOD PITFALL TRAP DATA

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
1027	11	1	93	R	F	6	ARCL0103	1
1028	11	1	93	R	F	6	CO010118	1
1029	11	1	93	R	F	6	COCR0102	4
1030	11	1	93	R	F	6	COCR0106	1
1031	11	1	93	R	F	6	COST0103	6
1032	11	1	93	R	F	6	COST0104	22
1033	11	1	93	R	F	7	ARCL0103	3
1034	11	1	93	R	F	7	ARGN0107	1
1035	11	1	93	R	F	7	ARTH0101	2
1036	11	1	93	R	F	7	COCR0102	6
1037	11	1	93	R	F	7	COST0103	3
1038	11	1	93	R	F	7	COST0104	28
1039	11	1	93	R	F	8	ARGN0103	1
1040	11	1	93	R	F	8	ARLY0103	1
1041	11	1	93	R	F	8	COCR0102	5
1042	11	1	93	R	F	8	COST0103	17
1043	11	1	93	R	F	8	COST0104	13
1044	11	1	93	R	F	8	HYVEVE01	2
1045	11	1	93	R	F	9	ARTH0101	1
1046	11	1	93	R	F	9	COCR0102	2
1047	11	1	93	R	F	9	COST0103	19
1048	11	1	93	R	F	9	COST0108	1
1049	11	1	93	R	F	9	HYVEVE01	1
1050	11	1	93	R	F	9	ORGYCEUT	1
1051	11	1	93	R	F	10	ARCL0104	1
1052	11	1	93	R	F	10	ARLYPA02	1
1053	11	1	93	R	F	10	COST0103	11
1054	11	1	93	R	F	10	COST0112	4
1055	11	1	93	R	F	10	HYVEVE01	4
1056	11	1	93	R	F	10	OP010103	1
1057	11	1	93	R	G	1	ARGN0101	1
1058	11	1	93	R	G	1	ARGN0102	1
1059	11	1	93	R	G	1	ARGN0107	1
1060	11	1	93	R	G	1	ARLYPA01	1
1061	11	1	93	R	G	1	ARLYPA02	1
1062	11	1	93	R	G	1	ARTH0101	1
1063	11	1	93	R	G	1	DI010101	1
1064	11	1	93	R	G	1	HEMI0101	1
1065	11	1	93	R	G	1	HYVEVE01	1
1066	11	1	93	R	G	1	OP010103	2
1067	11	1	93	R	G	1	ORACARCO	1
1068	11	1	93	R	G	1	ORGYCEUT	2
1069	11	1	93	R	G	2	ARTH0101	1
1070	11	1	93	R	G	2	DI010101	1
1071	11	1	93	R	G	2	HEMI0101	1
1072	11	1	93	R	G	2	OP010103	2
1073	11	1	93	R	G	2	ORGYCEUT	1
1074	11	1	93	R	G	3	ARCL0103	1
1075	11	1	93	R	G	3	ARGN0107	1
1076	11	1	93	R	G	3	ARLYPA01	3
1077	11	1	93	R	G	3	ARLYPA04	1
1078	11	1	93	R	G	3	DI010101	2
1079	11	1	93	R	G	3	ORGYCEUT	1
1080	11	1	93	R	G	4	ARCL0104	1
1081	11	1	93	R	G	4	ARGN0107	1
1082	11	1	93	R	G	4	ARLYPA01	3
1083	11	1	93	R	G	4	DI010101	3

LAMESA FIRE ARTHROPOD PITFALL TRAP DATA

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
1084	11	1	93	R	G	4	HEMI0101	3
1085	11	1	93	R	G	5	ARGN0102	1
1086	11	1	93	R	G	5	ARGN0107	2
1087	11	1	93	R	G	5	ARLYPA01	2
1088	11	1	93	R	G	5	ARTH0103	1
1089	11	1	93	R	G	5	DI010101	1
1090	11	1	93	R	G	5	OP010103	5
1091	11	1	93	R	G	5	ORGYCEUT	3
1092	11	1	93	R	G	10	ARCL0101	2
1093	11	1	93	R	G	10	ARGN0107	2
1094	11	1	93	R	G	10	ARLYPA01	1
1095	11	1	93	R	G	10	DI010101	1
1096	11	3	93	R	O	2	ARCL0105	2
1097	11	3	93	R	O	2	ARLY0103	1
1098	11	3	93	R	O	2	MIME0101	1
1099	11	3	93	R	O	3	COCR0104	1
1100	11	3	93	R	O	3	DI010101	2
1101	11	3	93	R	O	3	MIME0101	1
1102	11	3	93	R	O	3	ORGYSTNE	1
1103	11	3	93	R	O	4	ARCL0105	1
1104	11	3	93	R	O	4	ARLY0101	1
1105	11	3	93	R	O	4	ARLYPA01	1
1106	11	3	93	R	O	4	CO010121	1
1107	11	3	93	R	O	4	ORACDICA	1
1108	11	3	93	R	O	5	ARCL0104	1
1109	11	3	93	R	O	5	ARGN0101	1
1110	11	3	93	R	O	5	ARLY0103	3
1111	11	3	93	R	O	5	ARLYPA01	1
1112	11	3	93	R	O	5	CO010121	1
1113	11	3	93	R	O	5	DI010101	1
1114	11	3	93	R	O	5	ORGYSTNE	3
1115	11	3	93	R	O	6	ARLY0103	4
1116	11	3	93	R	O	6	ARLYPA04	1
1117	11	3	93	R	O	6	ARTH0101	1
1118	11	3	93	R	O	6	COHI0104	1
1119	11	3	93	R	O	7	COST0103	3
1120	11	3	93	R	O	7	COST0112	2
1121	11	3	93	R	O	7	COTEEL07	1
1122	11	3	93	R	O	7	OP010103	1
1123	11	3	93	R	O	7	ORGYCEUT	1
1124	11	3	93	R	O	7	ORGYSTNE	1
1125	11	3	93	R	O	8	ARGN0103	4
1126	11	3	93	R	O	8	ARLY0106	3
1127	11	3	93	R	O	8	ARLYPA01	1
1128	11	3	93	R	O	8	ARTH0103	1
1129	11	3	93	R	O	8	COST0108	3
1130	11	3	93	R	O	8	DI010101	1
1131	11	3	93	R	O	8	ORGYSTFU	1
1132	11	3	93	R	O	9	ARGN0103	1
1133	11	3	93	R	O	9	ARLYPA01	2
1134	11	3	93	R	O	9	COCA0112	1
1135	11	3	93	R	O	9	ORGRGR01	1
1136	11	3	93	R	O	10	ARGN0103	2
1137	11	3	93	R	O	10	ARGN0104	1
1138	11	3	93	R	O	10	ARLYPA01	2
1139	11	3	93	R	O	10	CH010102	1
1140	11	3	93	R	O	10	COCR0102	1

LAMESA FIRE ARTHROPOD PITFALL TRAP DATA

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OBS	MONTH	DAY	YEAR	SITE	REP	TRAP	SPP	COUNT
1141	11	3	93	R	O	10	COST0103	1
1142	11	3	93	R	O	10	HYVEVE01	1
1143	11	3	93	R	O	10	ORGYCEUT	1
1144	11	1	93	R	S	1	ARCL0103	1
1145	11	1	93	R	S	1	COST0103	3
1146	11	1	93	R	S	1	COST0112	2
1147	11	1	93	R	S	1	HYVEVE01	1
1148	11	1	93	R	S	1	OP010103	1
1149	11	1	93	R	S	2	ARCL0103	1
1150	11	1	93	R	S	2	ARCL0104	1
1151	11	1	93	R	S	2	ARLYPA01	1
1152	11	1	93	R	S	2	COST0103	14
1153	11	1	93	R	S	2	COST0112	2
1154	11	1	93	R	S	2	DI010101	1
1155	11	1	93	R	S	2	HYVEVE01	1
1156	11	1	93	R	S	2	ORACCHCU	1
1157	11	1	93	R	S	3	COCACATA	1
1158	11	1	93	R	S	3	COCR0106	1
1159	11	1	93	R	S	3	COSC0101	2
1160	11	1	93	R	S	3	COST0104	2
1161	11	1	93	R	S	3	HYVEVE01	1
1162	11	1	93	R	S	3	ORGYCEUT	2
1163	11	1	93	R	S	4	CO010119	1
1164	11	1	93	R	S	4	COST0103	3
1165	11	1	93	R	S	4	COST0108	4
1166	11	1	93	R	S	4	DI010101	4
1167	11	1	93	R	S	4	HYVEVE01	1
1168	11	1	93	R	S	5	ARCL0104	1
1169	11	1	93	R	S	5	CH010102	1
1170	11	1	93	R	S	5	CO010120	1
1171	11	1	93	R	S	5	COCR0107	2
1172	11	1	93	R	S	5	COST0103	7
1173	11	1	93	R	S	5	COST0104	1
1174	11	1	93	R	S	5	HYVEVE01	1
1175	11	1	93	R	S	5	ORGYCEUT	4
1176	11	1	93	R	S	6	ARCL0103	1
1177	11	1	93	R	S	6	ARLYPA01	3
1178	11	1	93	R	S	6	ARLYPA02	2
1179	11	1	93	R	S	6	CH010102	2
1180	11	1	93	R	S	6	CO010119	1
1181	11	1	93	R	S	6	COCR0102	1
1182	11	1	93	R	S	6	COST0103	4
1183	11	1	93	R	S	6	DI010101	1
1184	11	1	93	R	S	9	ARCL0104	1
1185	11	1	93	R	S	9	ARLYPA02	1
1186	11	1	93	R	S	9	CO010131	1
1187	11	1	93	R	S	9	COST0103	2
1188	11	1	93	R	S	9	HYVEVE01	9
1189	11	1	93	R	S	9	OP010103	1
1190	11	1	93	R	S	9	ORGYCEUT	8
1191	11	1	93	R	S	10	COST0103	11
1192	11	1	93	R	S	10	COST0112	3
1193	11	1	93	R	S	10	ORGYSTNE	1

**A COMPARISON OF GROUND-DWELLING ARTHROPOD
ASSEMBLAGES AMONG DIFFERENT HABITATS RESULTING
FROM THE 1977 LA MESA FIRE**

by

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Abstract

This study was conducted to determine whether or not post-fire habitats resulting from the 1977 La Mesa fire support different assemblages of ground-dwelling arthropods. Four principal post-fire vegetation habitats were identified: 1) ponderosa pine forest, 2) ponderosa pine savanna, 3) Gambel oak thickets, and 4) open grasslands. Ground-dwelling arthropods were sampled from each of the four habitats during the summer of 1993. Numerically important arthropod groups found in the samples included spiders, harvestmen, bristletails, crickets, fungus beetles, rove beetles, ground beetles, and darkling beetles. Total arthropod abundances were significantly different among the four habitats, and changed through the summer. Total species diversity differed little among the habitats. Each arthropod group was significantly more abundant in one or two habitat types, and the different arthropod groups had dissimilar abundance patterns among the habitats. These findings are consistent with other studies of post-fire patterns of ground-dwelling arthropod assemblages, and have important implications for differences in decomposition and nutrient cycling rates among habitats, and food resource availability to vertebrate animal predators in those habitats.

I. Introduction.

The effects of fires on forest arthropods are not well known, especially in the mid-elevation ponderosa pine forests of the Southwest (Wright & Baily 1982). Most studies of arthropod responses to forest fires elsewhere have focused on relatively short-term post-fire recovery or recolonization. Such studies have found that some ground-dwelling soil and litter arthropods may survive fires, depending on burn intensity (Buck 1979, Majer 1984, Abbott 1984), while others recolonize intensely burned areas from surrounding unburned or less intensely burned forest (Touyama et al. 1989, Buck 1979). Recovery of soil and litter inhabiting arthropods after forest fires is generally about five years (Wright & Baily 1982). Actual recovery times will vary with forest type, and the intensity and extent of fires.

Post-fire ground-dwelling arthropod assemblages in forest ecosystems exhibit consistent patterns of various arthropod species and taxonomic groups occurring in different post-fire habitats (Majer 1984, Touyama et al. 1979, Harris & Whitcomb 1974, Richardson & Holliday 1982, Dindal & Metz 1977). Such variation in relative abundances of different arthropod taxa may result from dissimilar recolonization rates (Touyama et al. 1989, Abbott 1984), or from preferences for different habitats resulting from post-fire vegetation recovery (Richardson & Holliday 1982, Dindal & Metz 1977).

In June of 1977 the La Mesa fire burned approximately 15,000 acres of ponderosa pine forest in the Jemez Mountains of north-central New Mexico (Foxy 1981a). Studies on vegetation (Potter & Foxy 1984), birds (Wauer & Johnson 1984) and small mammals (Guthrie

1984) have shown that the La Mesa fire had significant effects on the resident flora and fauna. Despite studies of the effects of the fire on vertebrate animals, nothing is known about the effects of the La Mesa fire on invertebrates.

Invertebrates are important components of forest ecosystems (Mattson 1977), yet little is known about the taxonomic composition and ecology of invertebrates of ponderosa pine forests of the Southwest. Existing literature on forest insects focuses on plant-feeding insects associated with dominant tree species (Furniss & Carolin 1977). Relatively little is known about ground-dwelling arthropods in coniferous forests.

The goals of this research project were to sample ground-dwelling macro-arthropods from major post-fire habitats resulting from the 1977 La Mesa fire to: 1) determine the taxonomic composition of ground-dwelling arthropods in the La Mesa fire area, 2) determine whether or not total arthropod abundance and species diversity differed among post-fire habitats, and 3) to identify which taxonomic and trophic groups were numerically dominant in the different post-fire habitats.

II. Methods.

This research project was conducted in the north-central portion of the La Mesa fire, on Apache Mesa and Escobas Mesa, near Ponderosa Campground (Figures 1 & 2). The sampling was preformed for a six-month period from June through November of 1993. Four vegetation types were identified as major physical habitats resulting from different fire intensities during the La Mesa fire, and subsequent post-fire vegetation recovery. These four habitat types included 1) intact ponderosa pine forest that was exposed to low-level ground fire, and most of

the trees survived the fire, 2) ponderosa savanna that resulted from lightly burned ponderosa forest, where some trees survived the fire, 3) Gambel oak thickets that have expanded into areas where all pine trees were killed by intense fire, and 4) open grassland areas that were also intensely burned, and all ponderosa pine trees killed.

Ground-dwelling arthropods were sampled from the four habitats by the use of pitfall traps (Southwood 1978). Pitfall traps used in this study consisted of steel cans measuring 4.5 inches deep, and 3 inches in diameter. Each can was buried in the soil with the open tops flush with the ground surface. Each open can contained one 10 oz. plastic cup, which was half-filled with propylene glycol. A 6-inch diameter, 3/8-inch thick plywood cover was placed over each trap, supported on four 3.5-inch nails, to protect the traps from weather.

Pitfall traps were placed at two locations in each of the four habitat types (Figure 2). Each of the two site locations were selected subjectively to represent the major post-fire habitat types in the La Mesa fire burn area. Five traps were placed randomly at each location, for a total of ten traps representing each habitat type. Traps were randomly located at each site by utilizing random compass directions and random distance measures. All traps at each site were located at least 20 meters apart.

The contents of the pitfall traps were collected once every 8 weeks. The contents of the traps were collected by removing each 10 oz. plastic cup, pouring the contents through a wire-mesh strainer, and transferring the contents to glass vials containing ethyl alcohol. Each vial was labelled with the site name, the trap number and the date of collection. The propylene glycol was placed back into each cup, with more added as needed, and each cup was then placed back into the can from which it came for continued trapping. All traps were collected

within a several day time period. All of the traps were collected four times during the summer, in late June, early August, early October, and mid November.

The labelled vials with the trap contents were taken to a laboratory at UNM where the arthropods from each vial were sorted, identified, and counted. Count data of individuals representing each species, for each date were entered onto data sheets. Only ground-dwelling or ground-surface active arthropods that are appropriately captured by pitfall traps were considered. Such target groups included ground-dwelling spiders, centipedes, millipedes, beetles, crickets, and others. Non-target, or typically non-ground-dwelling arthropods such as flies, were not recorded. Ants are ground-dwelling arthropods, however populations are not adequately sampled by pitfall traps. Ants were therefore not included in this study.

Many of the arthropods could not be identified to the species, genus, or in some cases family level at the time that samples were sorted and tabulated. Such species were assigned alpha-numeric codes as operational taxonomic units (OTU's) or morpho-species. Each code consisted of two characters for classification to the order, family, genus, and species ranks. If the name of a particular rank was known, the first two letters of that name was used for that level of the code. If the name was not known, a numeric value was used, and ascending numeric values were applied to additional unknown taxa of that rank. Taxonomic classification of insects to the order and family level corresponds to Arnett (1985). Taxonomic classification of non-insect arthropods to the class, order, and family levels corresponds to Borror et al. (1981).

A reference collection of voucher specimens of all species or OTU's was assembled. Those species that were not initially identified are in the process of being identified by experts of the particular taxonomic groups. OTU codes will then be changed to the actual species codes as the identifications are completed.

A data book of taxonomic codes was maintained, as well as data books for the species count data. All data read from data books were entered into a computer spreadsheet database. Various sorting routines were used to visually error-check the data within the spreadsheet.

Data analysis was performed with SAS (Statistical Analysis Systems v.6; SAS Institute, 1990) analytical software. Means of arthropod count data were generated by PROC MEANS to provide graphs of mean counts for the arthropods. Univariate analysis of variance (ANOVA) was performed on the data with PROC GLM to provide tests for differences in arthropod abundances among the four habitats on different dates. The numerically important taxonomic groups of arthropods were identified and separate ANOVA tests were performed for each group. Duncan's multiple range test was used to determine which mean values from each habitat were significantly different between each other. The arthropod count data were log-transformed for the ANOVA.

Multivariate canonical discriminant analysis (PROC CANDISC) was used to test for differences among the habitats based on the combined variances from the major arthropod taxonomic groups, and to determine which arthropod groups were the best discriminators between the four habitats. Separate analyses were run for each of the sampling dates. The arthropod count data were log-transformed for the canonical discriminant analysis.

III. Results.

Many types of ground-dwelling arthropods were collected in the pitfall traps, including spiders, harvestmen, centipedes, millipedes, jumping bristletails, crickets, and several families of beetles. Many micro-arthropods such as mites and springtails were also common in the traps, but they were not included in the analysis because they are more appropriately sampled by other techniques, and because of their small size, they are difficult to identify.

The arthropod groups that were most numerous and most consistently encountered in samples, were spiders, harvestmen, bristletails, crickets, fungus beetles, rove beetles, ground beetles, and darkling beetles (Table 1). Individuals of those taxonomic groups were consistently numerous in traps from most of the four habitats.

Total numbers of all ground-dwelling arthropods were greatest during June, and greatest in the oak habitat. There were significantly more arthropods from the oak habitat in June than from the other three habitats (Figure 3). In July-August there were significantly fewer arthropods in traps from the grassland habitat than from the other habitats. In September there was no significant difference in arthropod abundances among the four habitats, and in October, there were significantly more arthropods in the forest habitat than the others. There was an overall trend for decreasing numbers of arthropods from June to October across all four habitats (Figure 3).

Species diversity, or total numbers of species of ground-dwelling arthropods (i.e., species richness), did not differ significantly among habitats in June. In July-August, the oak habitat had significantly more species than the grassland, but neither were significantly different from the forest or savanna (Figure 4). In September, the grassland and oak habitats

had significantly more species than the savanna or forest, but the oak and savanna were not significantly different. There was no significant difference in species diversity among habitats in October. There was an overall trend for decreasing species diversity from June to October (Figure 4).

Spider abundance was not significantly different among the four habitats in June (Figure 5). In July-August, spiders were significantly more abundant in the oak habitat than the forest, but neither habitat was significantly different from the savanna or grassland. In September, spiders were significantly more abundant in the oak habitat than the other three. In October, spiders were significantly more abundant in the grass habitat than the forest or savanna, but counts from the oak habitat were significantly different from any of the other three. Overall spider abundance decreased from June to October (Figure 5).

Harvestmen were significantly more abundant in traps from the grassland habitat in June (Figure 6). In July-August, harvestmen were significantly more abundant in the grassland habitat than the oak and savanna, but numbers were not significantly different between grassland and forest, or between forest, savanna, and oak. In September, harvestmen were significantly more abundant in the grassland than the oak habitat, but counts from both habitats were not different from forest and savanna. There were no significant differences in harvestmen abundance among habitats in October. Overall harvestmen abundance was high in the grassland in June, but varied little throughout the rest of the season (Figure 6.)

Bristletails were significantly more abundant in traps from the oak habitat in June, July-August, and September (Figure 7). Over the same set of sampling dates, bristletails were significantly more abundant in the savanna sites than the grassland sites. In October, there was

no significant difference in bristletail abundance among habitats. Overall bristletail abundances were high in June and declined to near zero by October (Figure 7).

Cricket abundance did not differ significantly among the four habitats at any time of the season (Figure 8). Overall cricket abundance was greatest during July-August.

Fungus beetles were significantly more abundant in the forest and savanna habitats than the grassland or oak habitats in June, and July-August (Figure 9). In September, the numbers of fungus beetles did not differ significantly among the four habitats. In October, fungus beetles were significantly more abundant in the forest habitat than the other three. Overall fungus beetle abundance peaked during the July-August period (Figure 9).

Rove beetles were significantly more abundant in the forest habitat in June, and the forest and savanna habitats in July-August, September, and October (Figure 10). Overall rove beetle abundance was lowest in June, and increased to a peak in October (Figure 10).

Ground beetles were significantly more abundant in the oak habitat in June and July-August (Figure 11). There was no significant difference in ground beetle counts among the four habitats in September and October. Overall ground beetle abundance was greatest during the July-August period (Figure 11).

Darkling beetles were significantly more abundant in the grassland habitat in June, and the oak habitat in July-August (Figure 12). There was no significant difference in darkling beetle abundance among the four habitats in September or October. Overall darkling beetle abundance was greatest in June, and declined through the rest of the season (Figure 12).

Multivariate canonical discriminant analysis of differences among habitats based on abundance data for the major taxonomic arthropod groups resulted in overall significant differences among habitats, at all four times of the season (Table 2a-d).

Examination of standardized canonical coefficients for each of the arthropod groups revealed that bristletails, ground beetles, fungus beetles and rove beetles contributed to the discrimination of habitats in June and July-August (Table 2a-d). Bristletails, spiders, ground beetles, and crickets accounted for the discrimination of habitats in September, and rove beetles and fungus beetles accounted for most of the discrimination in October (Table 2a-d).

Graphical plots of canonical variate scores for individual traps from each habitat type based on canonical scores for the first two discriminant functions, illustrate the discrimination of the four habitats based on abundances of the major arthropod groups (Figure 13a-d). The scores for traps from forest, grassland, and oak habitats were very different from each other at each sample period. Scores for savanna traps tended to be similar to traps from the other three habitats (Figure 13a-d).

IV. Discussion.

Results of this study reveal that there were significant differences in overall abundances of ground-dwelling arthropods among the four habitat types, and differences in the abundances of the major taxonomic arthropod groups among the four habitats. Significantly higher numbers of all arthropod individuals in the oak habitat in June, forest, oak, and savanna in July-August, and forest in October may be attributed to significantly high numbers of various major taxonomic groups in those habitats at those times of the season. The oak habitat was

dominated by bristletails, spiders, and ground beetles, and the forest and savanna habitats were dominated by fungus beetles, and rove beetles during those time periods. Harvestmen and darkling beetles were most abundant in grassland habitats, yet the numbers of those arthropods were low relative to the other arthropod groups, and thus the grassland sites had consistently low overall arthropod abundances.

Total arthropod species diversity did not change much among the four habitats, even though abundances of various arthropod groups did. Such results indicate that the different groups contributed differentially to the total numbers of species in each habitat. Thus, species composition changed between the habitats, but overall species richness or diversity did not.

Seasonal trends in total arthropod abundance reflected the seasonal trends in the abundances of the individual major taxonomic groups. Bristletails, spiders, harvestmen, and darkling beetles were all most abundant in June, with declining populations through the season to October. Such a pattern probably reflects the life-history patterns of these arthropods. Many juvenile bristletails, spiders, and harvestmen were present in the early summer. Mortality among juveniles over time may account for the seasonal decline in these arthropods. Darkling beetles are holometabolous, and the larval stages live in the soil. All darkling beetles captured were adults. The seasonal pattern in darkling beetle abundance indicates that adult activity was greatest in the early summer for the three dominant species of *Eleodes*.

Crickets, fungus beetles, and ground beetles were most abundant in the middle of the summer. Perhaps the activity of these insects is synchronous with the summer rainy season. Rove beetles were most abundant late in the summer. Most of the species of rove beetles found in the traps were very small, indicating that they probably feed on micro-arthropods such as

springtails and mites. Springtail and mite populations probably increase following summer rains, providing increased food resources for rove beetles late in the season.

The relatively high numbers of bristletails, spiders, and ground beetles in the oak habitat indicates that some features of the environmental characteristics of those habitats are more favorable to the three arthropod groups. An important feature of the oak habitats that is different from the other three habitats is the oak leaf litter that covers the ground in the Gambel oak thickets. This oak leaf litter apparently provides a favorable food resource for bristletails. The large numbers of bristletails and other arthropods in the oak leaf litter may in turn support large populations of predators such as spiders and ground beetles.

Fungus beetles and rove beetles are typically abundant in forest litter. The relatively high numbers of fungus and rove beetles from the forest and savanna habitats in this study is consistent with known habitat preferences for these beetles.

Darkling beetles and harvestmen were most abundant in the open grassland habitats. The most common species of darkling beetle, *Eleodes extricatus*, is usually found in open pinon-juniper woodlands, as are the harvestmen. The open vegetation canopy of the grassland areas may provide a habitat similar to the open pinon-juniper habitats at slightly lower elevations in the La Mesa fire area. Such open canopy habitats are apparently preferred by these arthropods.

Results from this study demonstrate that different burn intensities from the La Mesa fire did change the composition of ground-dwelling arthropods occurring in four post-fire vegetational habitat types. These findings are consistent with other studies of post-fire responses of ground-dwelling arthropods in forest ecosystems (Harris & Whitcomb 1974,

Abbott 1984, Majer 1984, Touyama et al. 1989). Since this study was conducted 16 years after the La Mesa fire, we conclude that the differences found by us are due to arthropod preferences for different vegetation habitats, not post-fire recolonization of areas where the pre-fire arthropod fauna was destroyed or altered by the fire. Other studies of arthropod response to forest fires have found that several years after fires, different species or groups of arthropods are found in different post fire habitats as a result of habitat selection (Harris & Whitcome 1974, Dindal & Metz 1977).

Implications of these findings at the La Mesa fire are pertinent to the trophic dynamics associated with decomposition of ground-level vegetation litter, and the trophic structure of consumer communities in those post-fire habitats. Different taxonomic groups of detritivores and predators in the four habitats reveals that the trophic structure varies between each habitat, and thus the decomposition processes and rates are also likely to differ. For example, Springett (1979) found that post-fire effects on detritivore arthropods led to changes in litter decomposition rates. Any future studies on decomposition and nutrient cycling in post-burn habitats of the La Mesa fire will need to address differences in arthropod trophic groups.

Different assemblages of ground-dwelling arthropods with dissimilar seasonal abundance patterns in the four post-fire habitats reveal that food resources to higher level vertebrate predators are not the same among the four habitats. Ground-level foraging animals will encounter different prey items and prey abundances through the year, and among the four habitats. Such knowledge may help to explain patterns of habitat use among vertebrate predators in the La Mesa fire area.

Ground-dwelling arthropods are important components of forest ecosystems (Mattson 1977). Future studies of forest ecosystem processes or biological community dynamics at the La Mesa fire should address the roles and attributes of these animals relative to the study questions.

V. Acknowledgements.

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Table 1. Major taxonomic arthropod groups sampled from pitfall traps in all four habitats.

Arthropod Group	Important Taxa	Trophic Status
spiders	Clubionidae	predators
(Araneae)	Dictynidae	predators
	Gnaphosidae	predators
	Lycosidae	predators
	Thomisidae	predators
harvestmen	two species	predators
(Opiliones)		
bristletails	<i>Mesomachilis leechi</i>	detritivores
(Microcoryphia)	<i>Machilinus aurdantidcus</i>	detritivores
camel crickets	<i>Ceuthophilus utahensis</i>	detritivores
(Gryllacrididae)	<i>Ceuthophilus pallidus</i>	detritivores
	<i>Styracosceles neomexicanus</i>	detritivores
fungus beetles	several species	detritivores
(Cryptophagidae)		
rove beetles	several species	predators
(Staphylinidae)		

Table 1. Continued.

Arthropod Group	Important Taxa	Trophic Status
ground beetles (Carabidae)	<i>Synchus dubius</i>	predators
	<i>Cimindis punctiger</i>	predators
	<i>Carabus taedatus</i>	predators
darkling beetles (Tenebrionidae)	<i>Eleodes extricata</i>	detritivores
	<i>Eleodes nigrinus</i>	detritivores
	<i>Eleodes planipennis</i>	detritivores

Table 2. Results of canonical discriminat function analysis for arthropod taxonomic group data among four habitats.

a. Sample Period: June

Overall Multivariate F test (Pr. > F): 0.0001

Discriminant Functions:	1	2	3
Significance (Pr. > F):	0.0001	0.0001	0.0632
Eigenvalue:	14.99	5.99	0.56
Cumulative variance:	69%	97%	100%

Standardized Canonical Coefficients

Darkling Beetles	0.39	0.50	0.86
Ground Beetles	0.91	0.69	0.89
Fungus Beetles	0.06	-1.08	0.12
Rove Beetles	-0.13	-1.60	1.20
Spiders	0.12	0.08	-0.96
Crickets	-0.18	0.23	-0.59
Harvestmen	0.29	0.91	0.67
Bristletails	3.11	-1.46	0.25

Table 2. Continued.

b. Sample Period: August

Overall Multivariate F test (Pr. > F): 0.0001

Discriminant Functions:	1	2	3
Significance (Pr. > F):	0.0001	0.0003	0.4119
Eigenvalue:	13.59	1.98	0.22
Cumulative variance:	86%	99%	100%

Standardized Canonical Coefficients

Darkling Beetles	0.31	-0.42	0.25
Ground Beetles	1.26	-0.27	0.78
Fungus Beetles	0.44	1.16	-0.09
Rove Beetles	0.25	0.74	0.54
Spiders	-0.29	0.07	-0.78
Crickets	0.20	-0.12	0.07
Harvestmen	-0.55	-0.21	-0.08
Bristletails	2.61	0.91	-0.54

Table 2. Continued.

c. Sample Period: September

Overall Multivariate F test (Pr. > F): 0.0001

Discriminant Functions:	1	2	3
Significance (Pr. > F):	0.0001	0.0527	0.2410
Eigenvalue:	2.89	0.76	0.36
Cumulative variance:	72%	91%	100%

Standardized Canonical Coefficients

Darkling Beetles	0.15	0.01	-0.01
Ground Beetles	0.07	1.16	-0.19
Fungus Beetles	-0.24	0.15	-0.20
Rove Beetles	-0.27	-0.76	0.63
Spiders	0.67	0.67	0.55
Crickets	0.16	-1.02	-0.60
Harvestmen	-0.44	0.41	0.14
Bristletails	1.16	-0.64	0.11

Table 2. Continued.

d. Sample Period: October

Overall Multivariate F test (Pr. > F): 0.0001

Discriminant Functions:	1	2	3
Significance (Pr. > F):	0.0001	0.0383	0.2941
Eigenvalue:	12.27	0.96	0.32
Cumulative variance:	90%	98%	100%

Standardized Canonical Coefficients

Darkling Beetles	-0.90	-0.12	0.70
Ground Beetles	0.17	-0.36	0.26
Fungus Beetles	0.44	1.06	0.56
Rove Beetles	2.76	-1.11	0.32
Spiders	0.62	0.05	0.65
Crickets	-0.07	-0.60	-0.18
Harvestmen	0.43	1.30	0.25
Bristletails	-0.16	-0.49	0.88

Figure 1. Location of arthropod study area within the 1977 La Mesa fire.

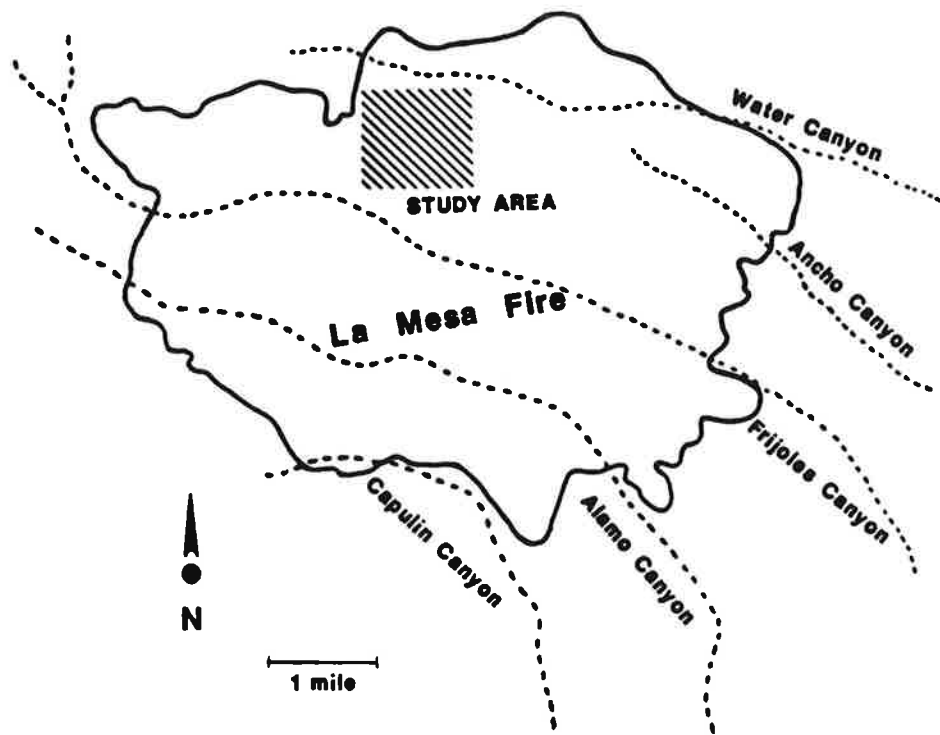


Figure 2. **Locations of arthropod pitfall trapping sites representing post-fire ponderosa pine forest, ponderosa pine savanna, Gambel oak thickets, and grassland habitats.**

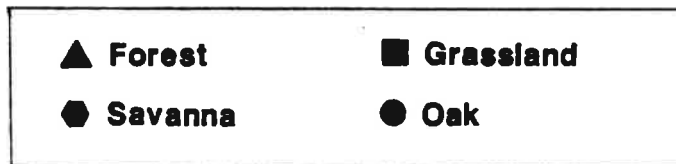
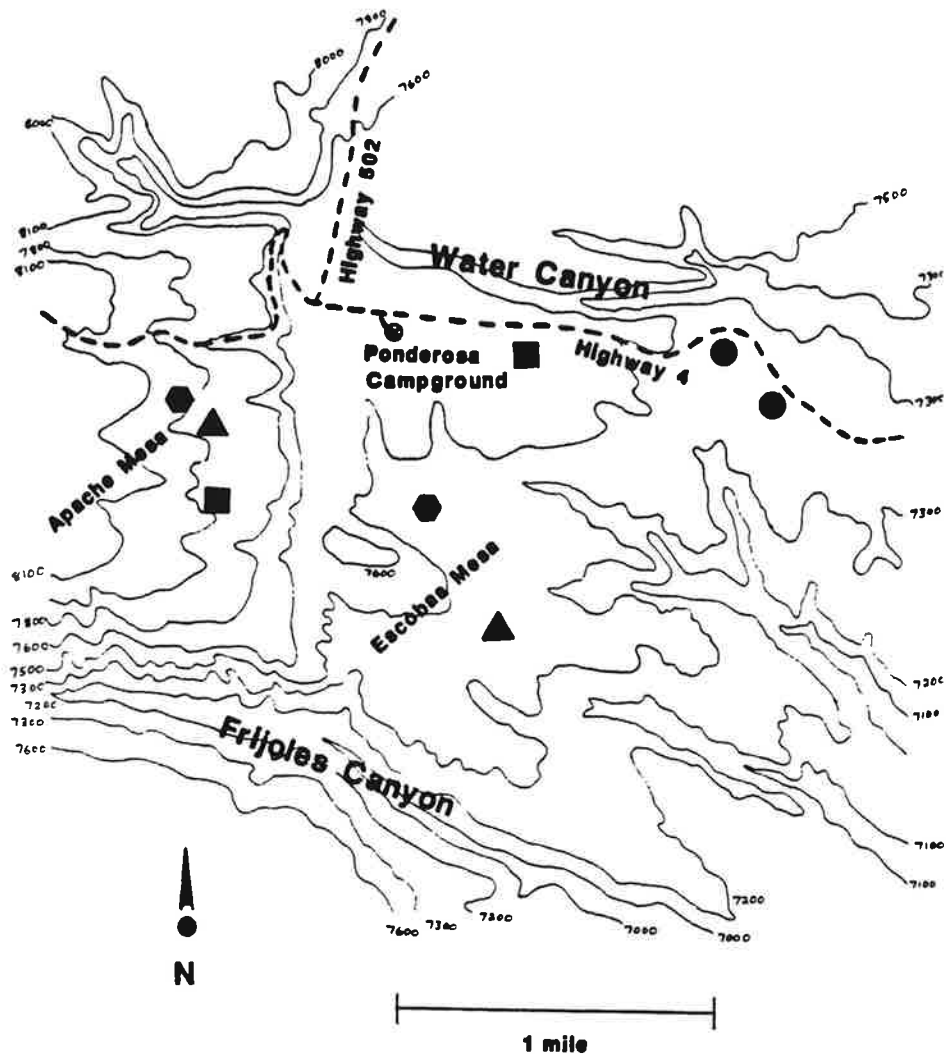
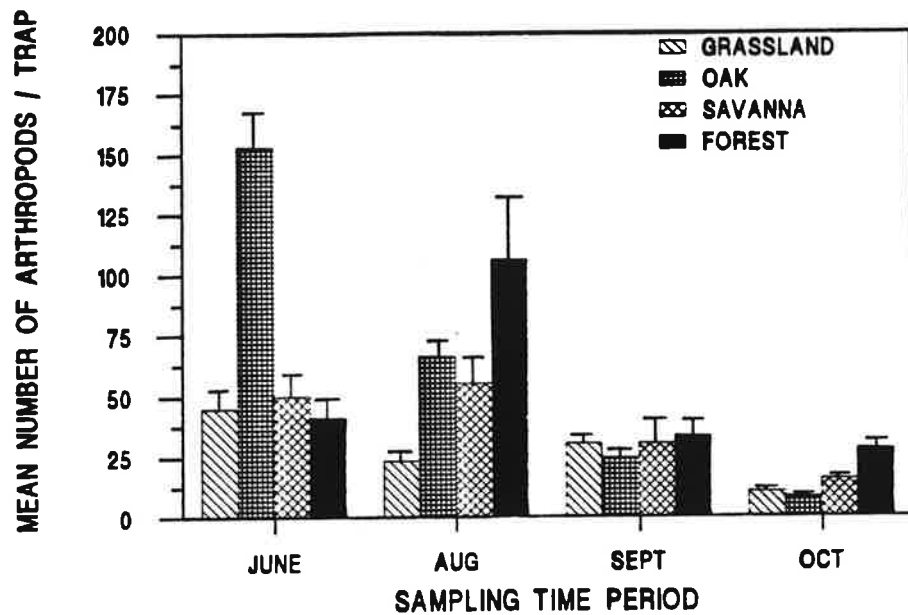


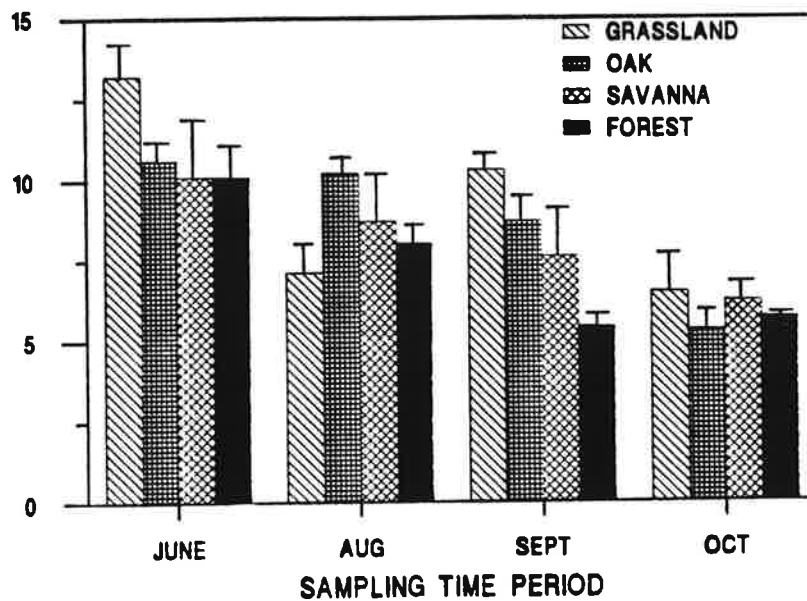
Figure 3. Graph of mean numbers and standard errors of all ground-dwelling arthropods per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.



Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{x}$ -> low $\bar{x}$
All individuals	June	0.0001	Yes	<u>O S G F</u> -----
	Aug.	0.0003	Yes	<u>F O S G</u> ----
	Sept.	0.8172	No	<u>G F S O</u>
	Oct.	0.0001	Yes	<u>F S G O</u> -----

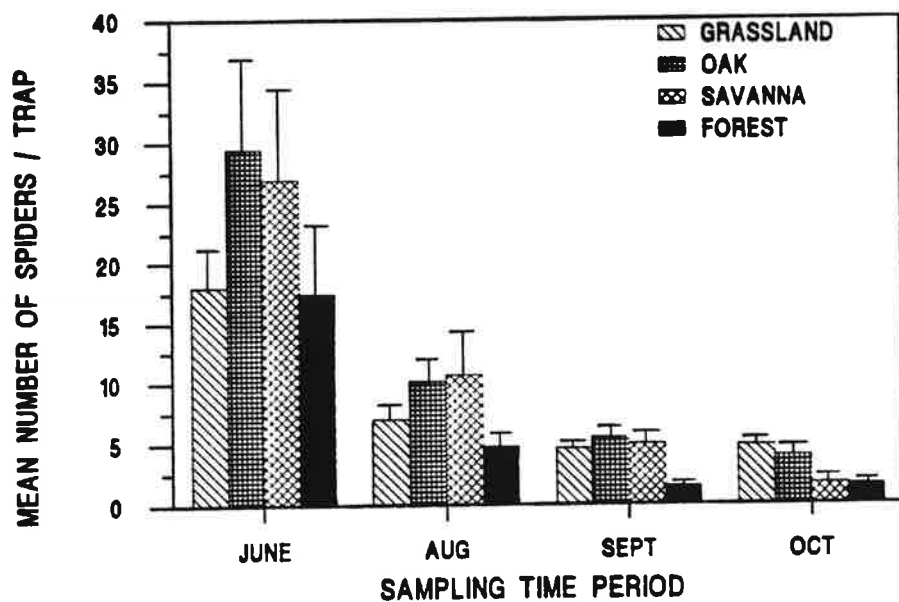
Figure 4. Graph of mean numbers and standard errors of all arthropod species per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.

MEAN NUMBER OF ARTHROPOD SPECIES / TRAP



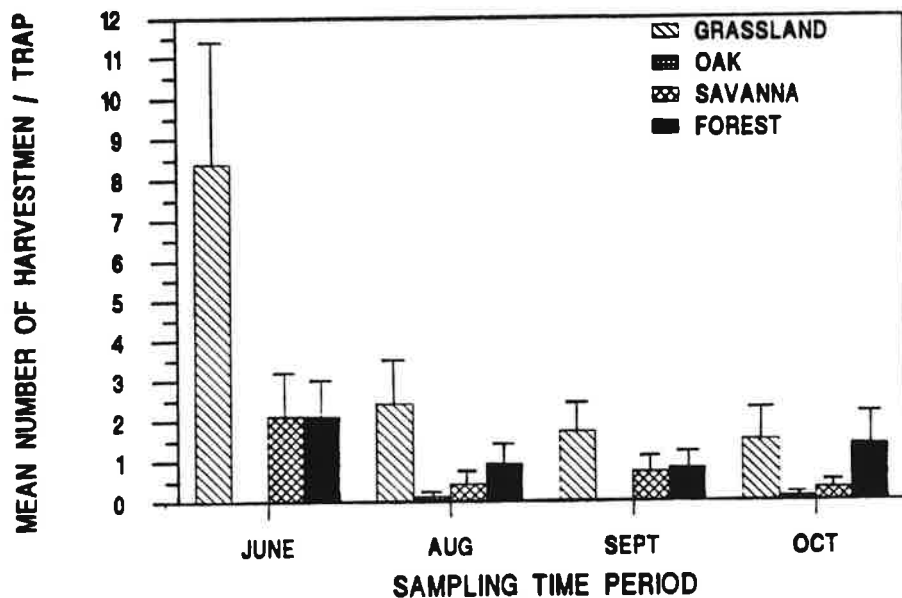
Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{x}$ -> low $\bar{x}$
All species	June	0.1670	No	<u>G O F S</u>
	Aug.	0.0586	No	<u>O S F G</u> -----
	Sept.	0.0092	Yes	<u>G O S F</u> -----
	Oct.	0.6149	No	<u>G S F O</u>

Figure 5. Graph of mean numbers and standard errors of spiders per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.



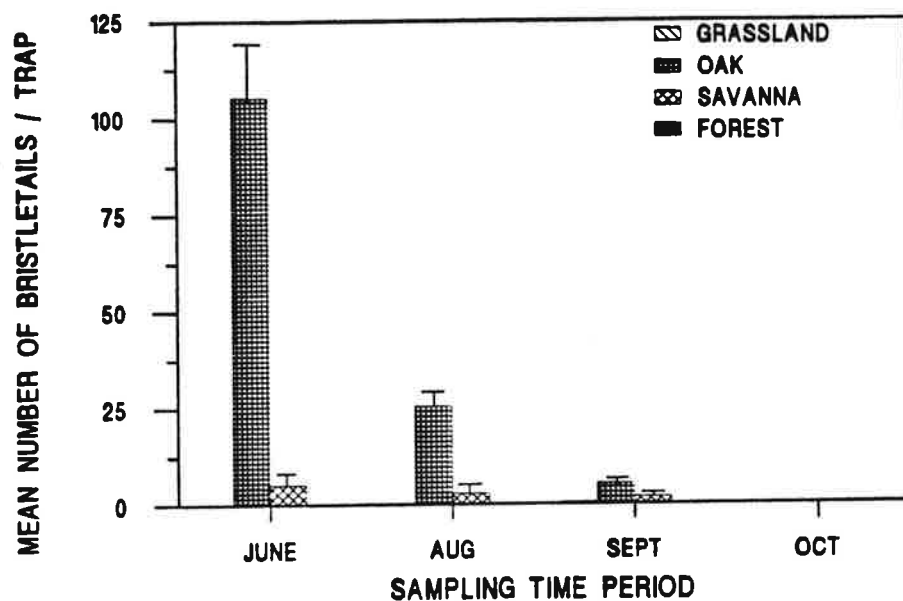
Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{x}$ -> low $\bar{x}$
Spiders	June	0.3036	No	<u>O S G F</u>
	Aug.	0.1124	No	<u>O S G F</u> -----
	Sept.	0.0014	Yes	<u>O G S F</u> -----
	Oct.	0.0256	Yes	<u>G O F S</u> -----

Figure 6. Graph of mean numbers and standard errors of harvestmen per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.



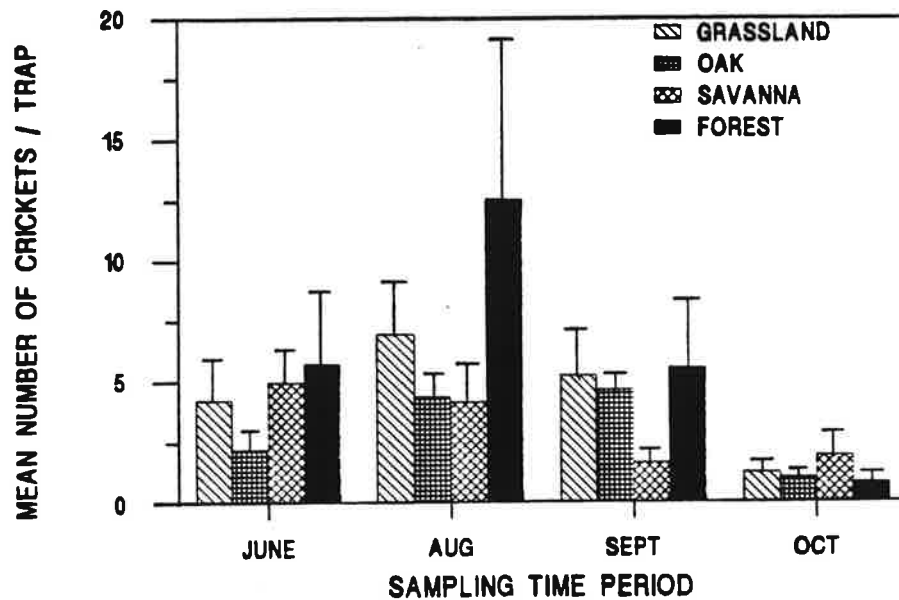
Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{X}$ -> low $\bar{X}$
Harvestmen	June	0.0039	Yes	<u>G S F O</u> -----
	Aug.	0.0412	Yes	<u>G F S O</u> -----
	Sept.	0.0382	Yes	<u>G F S O</u> -----
	Oct.	0.1214	No	<u>G F S O</u>

Figure 7. Graph of mean numbers and standard errors of bristletails per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.



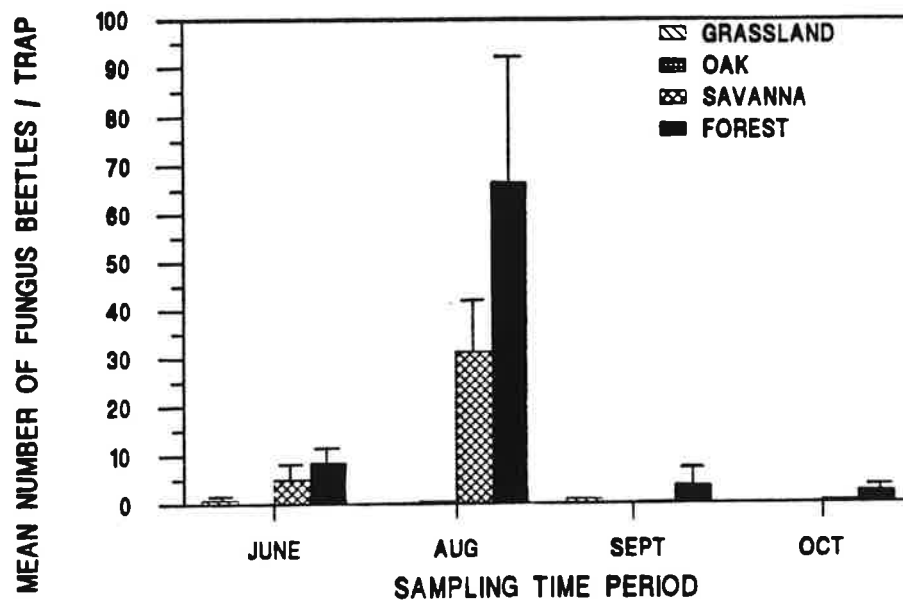
Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{x}$ -> low $\bar{x}$
Bristletails	June	0.0001	Yes	<u>O</u> S F G -----
	Aug.	0.0001	Yes	<u>O</u> S F G -----
	Sept.	0.0001	Yes	<u>O</u> S G F -----
	Oct.	0.1347	No	<u>O</u> G F S

Figure 8. Graph of mean numbers and standard errors of crickets per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.



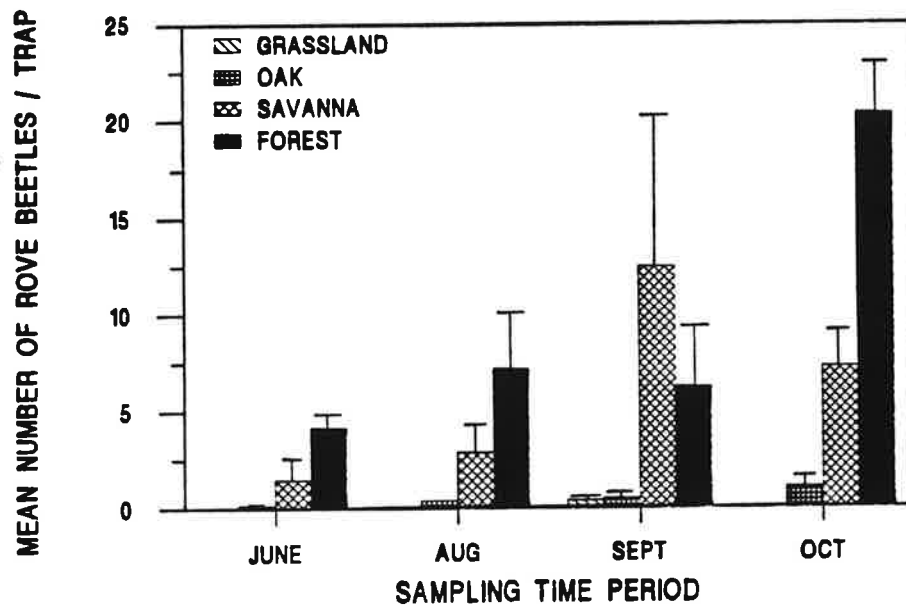
Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{x}$ -> low $\bar{x}$
Crickets	June	0.7739	No	<u>S F G O</u>
	Aug.	0.8414	No	<u>G O F S</u>
	Sept.	0.1650	No	<u>O G F S</u>
	Oct.	0.8014	No	<u>S G O F</u>

Figure 9. Graph of mean numbers and standard errors of fungus beetles per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.



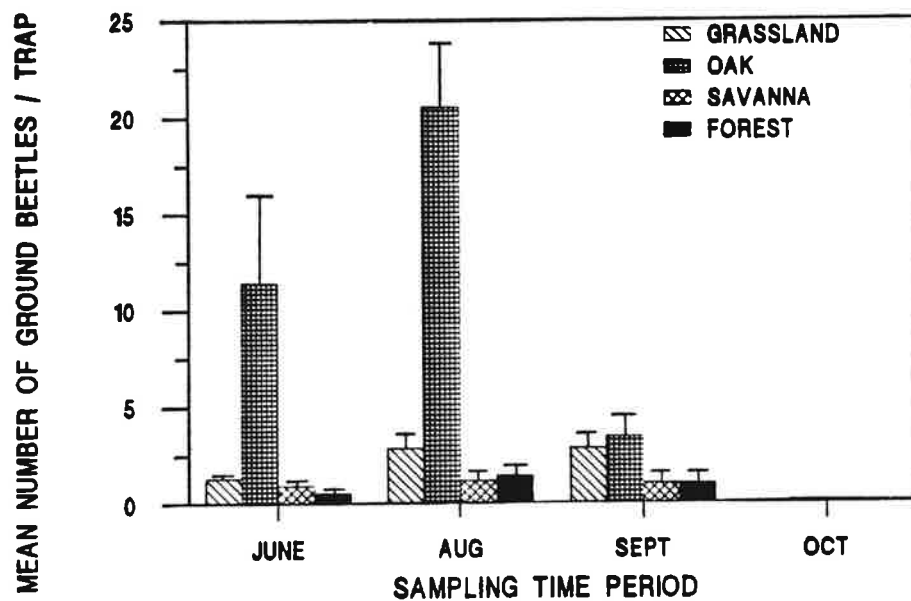
Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{x}$ -> low $\bar{x}$
Fungus Beetles	June	0.0340	Yes	<u>F S</u> G O -----
	Aug.	0.0001	Yes	<u>F S</u> O G -----
	Sept.	0.5830	No	<u>F G S O</u>
	Oct.	0.0015	Yes	<u>F S</u> O G -----

Figure 10. Graph of mean numbers and standard errors of rove beetles per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.



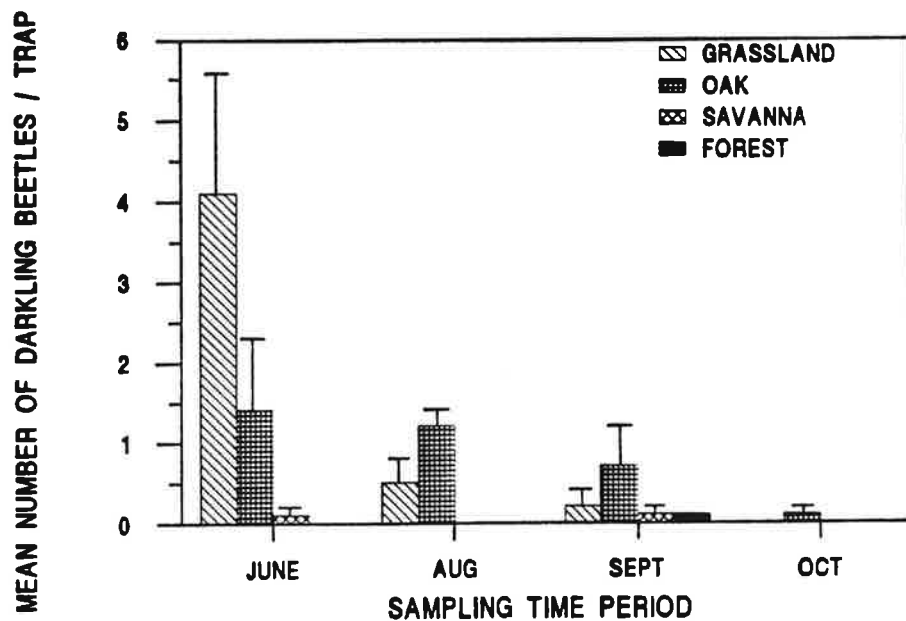
Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{x}$ -> low $\bar{x}$
Rove Beetles	June	0.0001	Yes	<u>F</u> S O G -----
	Aug.	0.0047	Yes	<u>F S</u> O G -----
	Sept.	0.0456	Yes	<u>S F</u> G O -----
	Oct.	0.0001	Yes	<u>F S</u> O G -----

Figure 11. Graph of mean numbers and standard errors of ground beetles per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.



Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{x}$ -> low $\bar{x}$
Ground Beetles	June	0.0001	Yes	<u>O</u> G S F
	Aug.	0.0001	Yes	<u>O</u> G F S
	Sept.	0.1048	No	<u>G O S F</u>
	Oct.	0.6017	No	<u>S O F G</u>

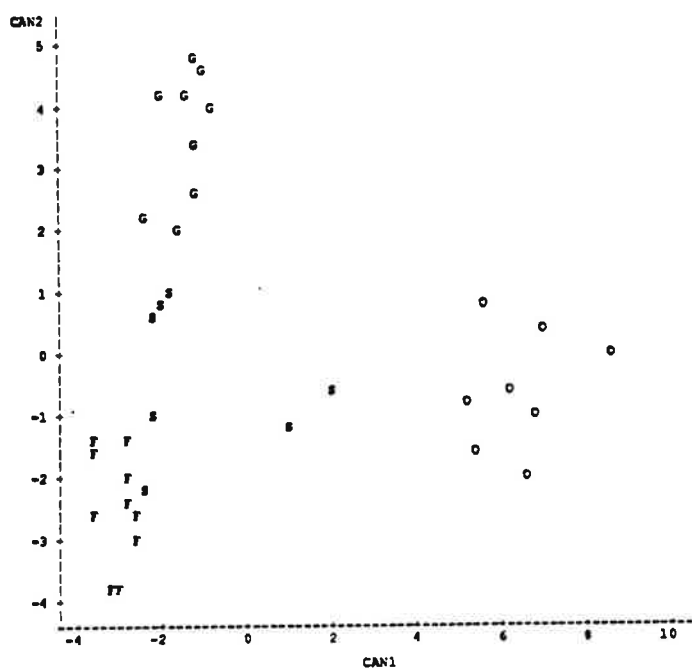
Figure 12. Graph of mean numbers and standard errors of darkling beetles per trap from each of the four post-fire habitats, and at different times of the season. ANOVA results testing differences between habitats are given below. Duncan groupings provide comparisons of each habitat (F=forest, G=grassland, O=oak, S=savanna). Letters not underscored by the same line are significantly different.



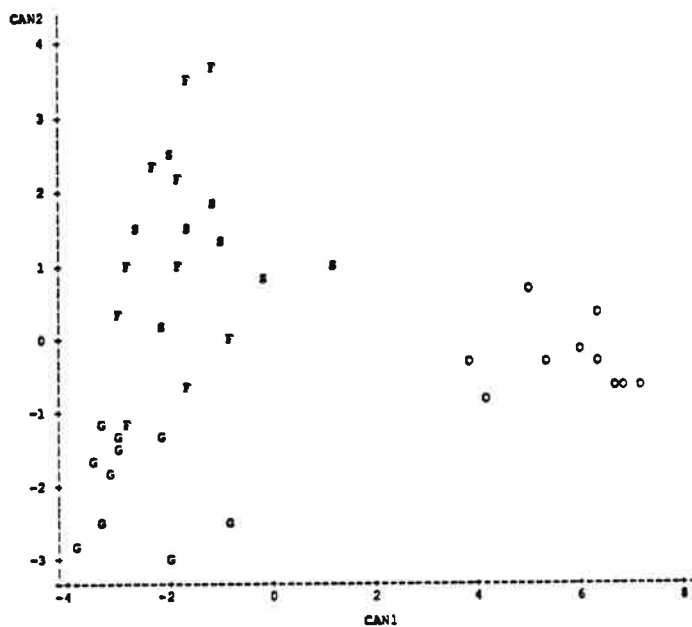
Arthropod Group	Time Period	ANOVA Pr.>F	Sign. @0.05	Duncan Groupings high $\bar{x}$ -> low $\bar{x}$
Darkling Beetles	June	0.0007	Yes	<u>G</u> O S F
	Aug.	0.0001	Yes	<u>O</u> G F S
	Sept.	0.4662	No	<u>O</u> G S F
	Oct.	0.4635	No	<u>O</u> G F S

Figure 13. Plots of canonical variate scores for traps from each habitat from each of the sampling dates.

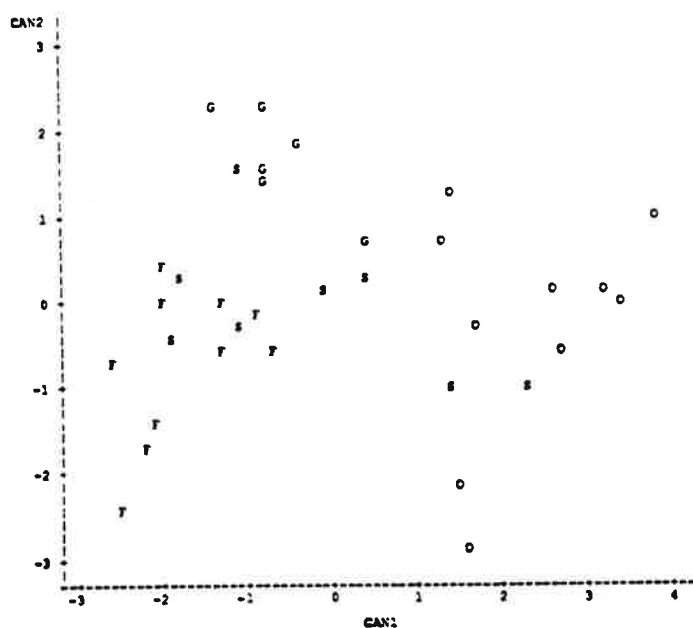
a. Sample Period: June



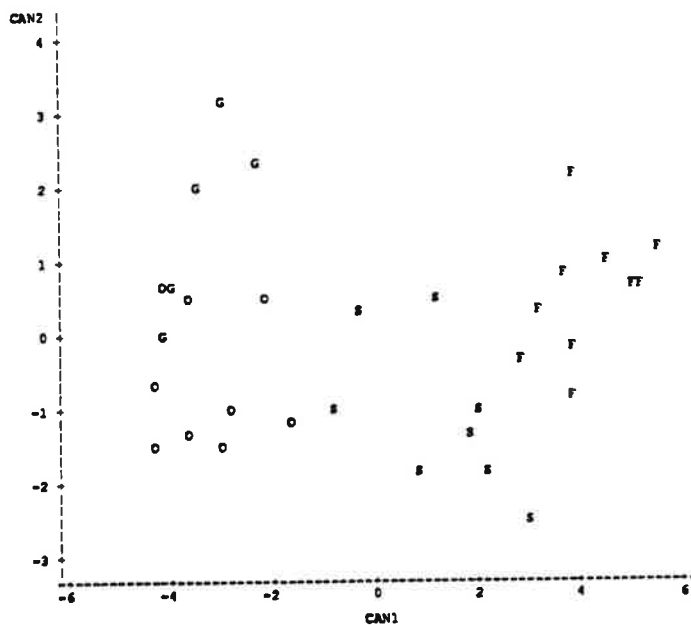
b. Sample Period: August



c. Sample Period: September

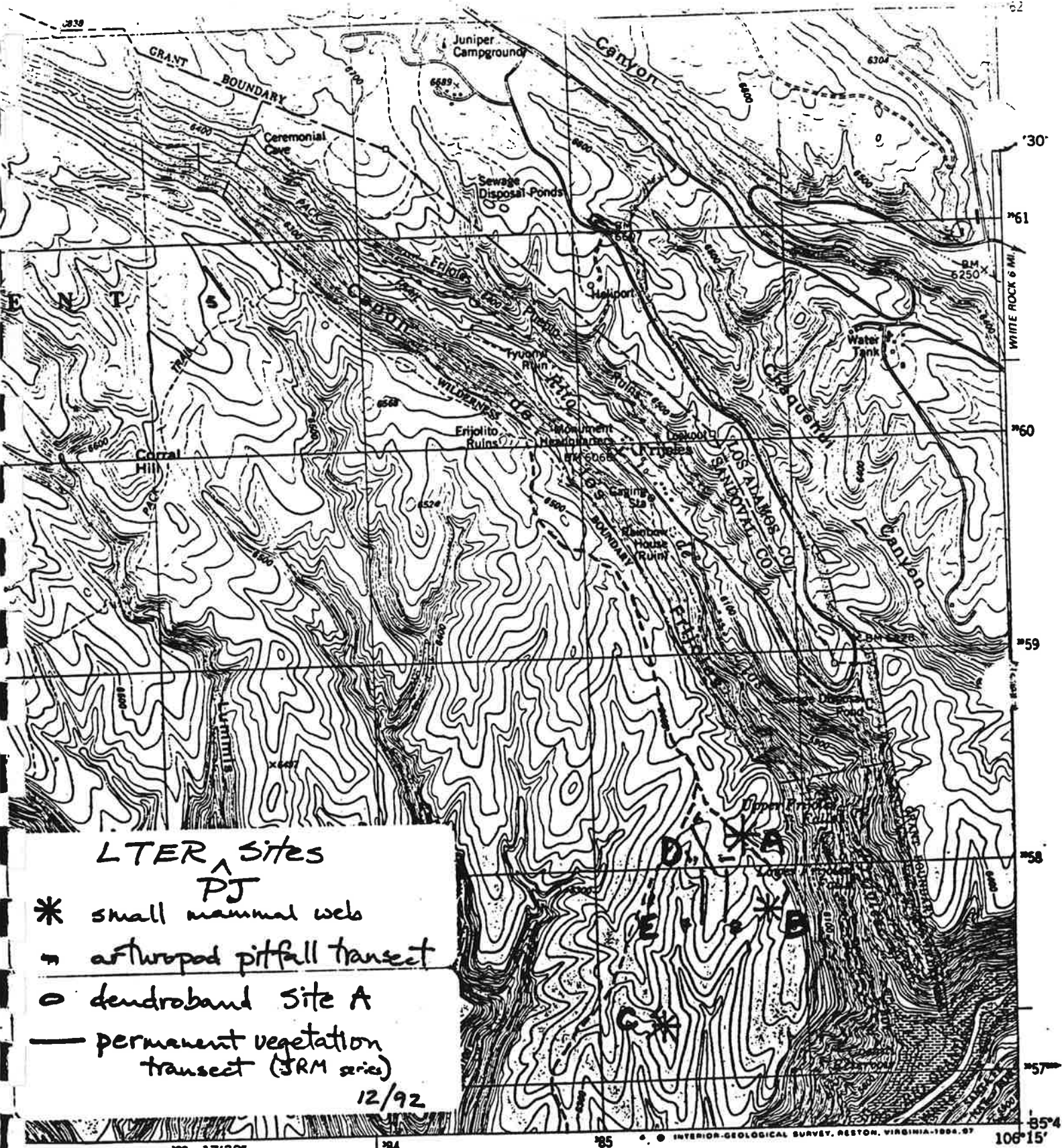


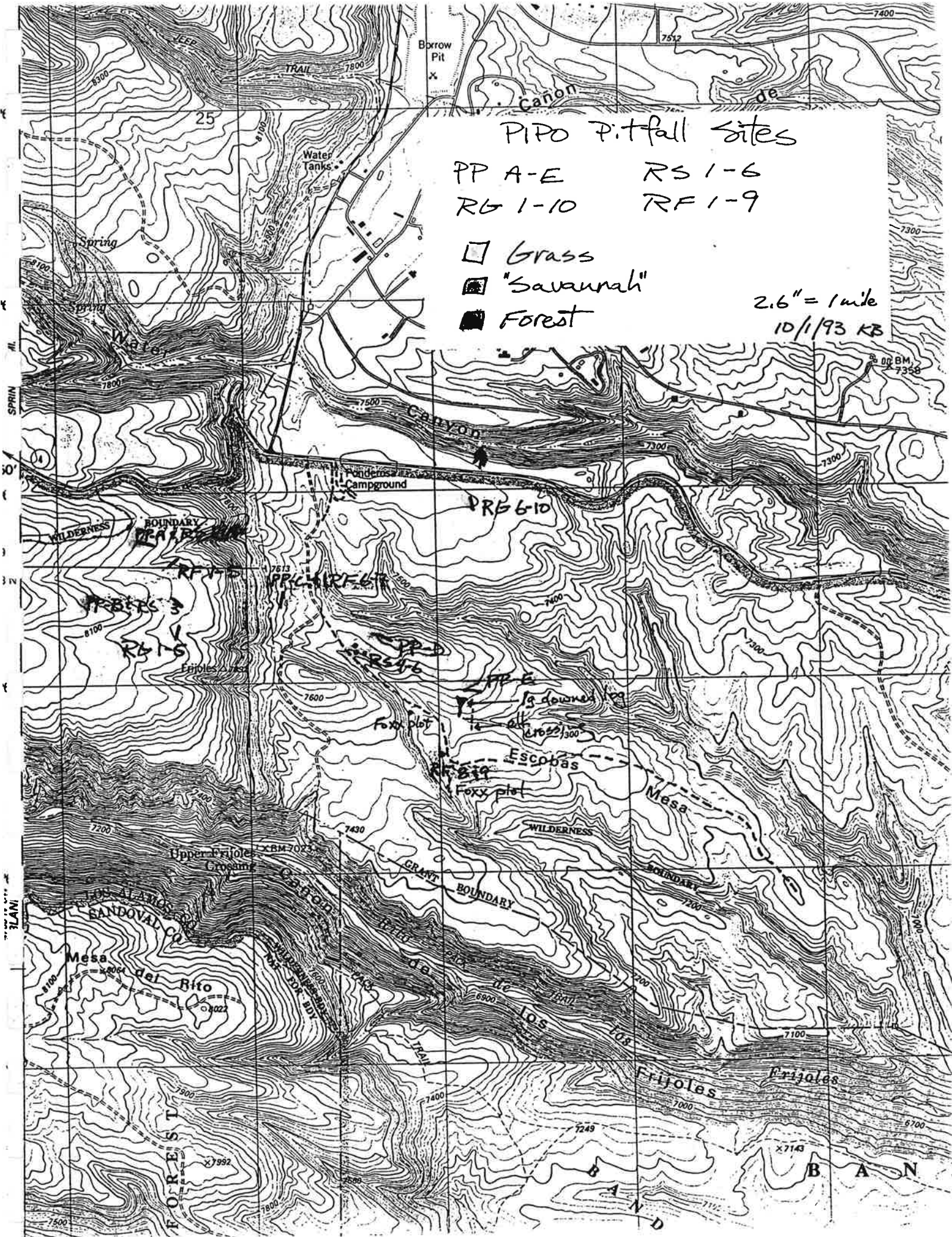
d. Sample Period: October



Appendix 1.

Map locations of plots or webs and pitfall trap lines at the pinon/juniper, ponderosa pine, and mixed conifer sites. See following pages.



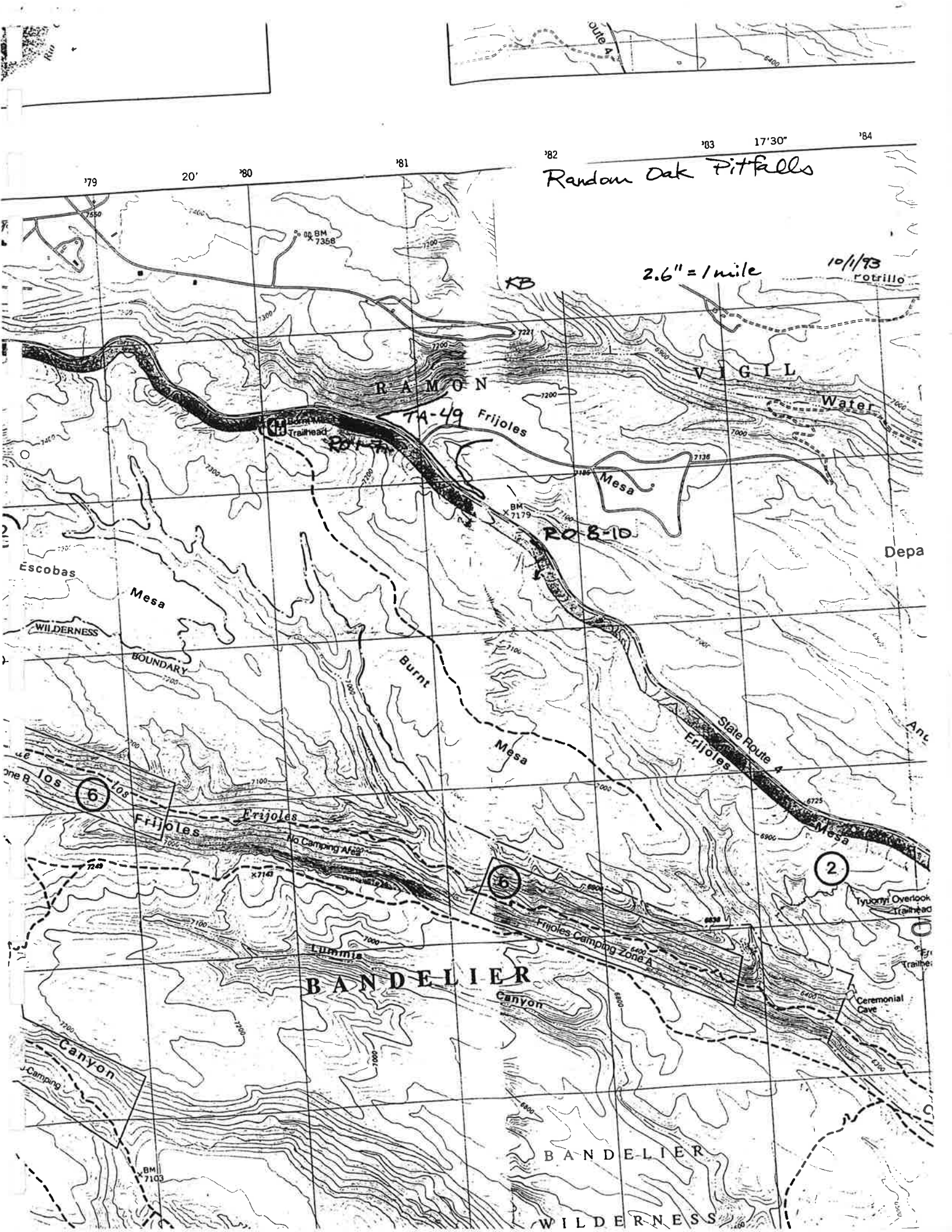


PIPO Pitfall Sites

PP A-E RS 1-6
RG 1-10 RF 1-9

- Grass
- "Savannah"
- Forest

2.6" = 1 mile
10/1/93 KB



Appendix 2.

Copy of a page from the data book: "Arthropod Taxa Code Listings." See following page.

BANDELLER NATIONAL MONUMENT

Arthropod Pitfall Trap Study

Taxa Code Listings

ORDER: COLEOPTERA

ORDER CODE: CO

TAXA CODE	FAMILY	GENUS	SPECIES	NOTES	
COTEEL01	Tenebrionidae	Eleodes	01	med. no striations	PJ
COSCO101	Scarabaeidae	01	01	med. brown polychroma	PJ
COEL0101	Elateridae	01	01	med dark	PJ
COCU0101	Curculionidae	01	01		PJ
COTEEL02	Tenebrionidae	Eleodes	02	large, striations	PJ
COSCO102	Scarabaeidae	01	02	small brown polychroma	PJ
COHI0101	Histeridae	01	01		PJ
COTE0101	Tenebrionidae	01	01	small black	PJ
COEL0102	Elateridae	01	02	yellow markings	PJ
COCAB0101	Carabidae	01	01	ting black	PJ
COCIC101	Cicindellidae	Cicindella	01	bronz, elongate	PJ
COSCO103	Scarabaeidae	01	03	yellow polychroma	PJ
COAN0101	Anthracidae	01	01	med. dark	PJ
COCACA01	Carabidae	Calosoma	01	large black	PJ
CO010101	01	01	01	ting reddish elongate	PJ
COST0101	Staphylinidae	01	01	ting	PJ
COCAB0102	Carabidae	01	02	large oval	PJ
COCAB0103	Carabidae	01	03	med brown, black pum	MC
COCAB0104	Carabidae	01	04	med brown, black pum	MC
COCR0101	Cryptophagidae	01	01	ting reddish brown	MC
COST0102	Staphylinidae	01	02	ting brown	MC
COST0103	Staphylinidae	01	03	small black	MC
COST0104	Staphylinidae	01	04	med/ small brown	MC
COCR0102	Cryptophagidae	01	02	large brown	MC
COCACA02	Carabidae	Calosoma	02	large	MC
COCAB0105	Carabidae	01	05	Agabus like large	MC
COCAB0106	Carabidae	01	06	small brown Harpalus like	MC
COEL0103	Elateridae	01	03	very slender, brown, med.	MC
COTEEL03	Tenebrionidae	Eleodes	03	med robust, no striations like 01	MC
COCAB0107	Carabidae	01	07	med, black, dull striations pum like 03	MC
COCU0104	Curculionidae	01	04	small Ophryotrocha-like	MC
COST0105	Staphylinidae	01	05	med. like 04	MC
CO010102	01	01	02	small black, oval	MC
COCFA108	Carabidae	01	08	ting tiger-like-like	MC
COST0106	Staphylinidae	01	06	large black	MC
COSCO101	Scolytidae	01	01	small black	MC

Appendix 3. Copy of a page from the data book: "Pitfall Trap Data." See following page.

BANDELIER NATIONAL MONUMENT
Arthropod Pitfall Trap Study

Pitfall Trap Data

Page: 7

SITE	DATE	ORDER	FAMILY	GENUS	SPECIES	COUNT	NOTES
PJC1	070392	CO	AN	01	01	1	
↓	↓	HE	MI	01	01	1	
↓	↓	HY	01	01	01	1	
PJC2	070392	OR	AC	OP	OB	1	
↓	↓	CO	SC	01	02	10	
↓	↓	OR	GR	CY	01	3	
↓	↓	AR	LY	GE	01	1	
↓	↓	AR	01	01	08	1	
↓	↓	HE	MI	01	01	1	
↓	↓	AR	LY	01	01	4	
↓	↓	AR	GN	01	02	2	
↓	↓	AR	GN	01	01	6	
↓	↓	CO	TE	EL	01	8	
↓	↓	MI	ME	01	03	114	most all are silver
↓	↓	OR	GR	GR	01	3	
↓	↓	OR	GY	CE	PA	1	
↓	↓	OR	AC	TR	PA	1	many h
↓	↓	AR	LY	01	03	14	
↓	↓	CO	CA	CA	01	1	
↓	↓	HE	AL	01	01	1	
↓	↓	AR	LY	01	04	1	
PJC3	070392	AR	TH	01	01	1	
↓	↓	CO	TE	EL	02	1	
↓	↓	CO	TE	EL	01	3	
↓	↓	CO	SC	01	02	2	
↓	↓	HE	MI	01	02	1	
↓	↓	AR	LY	01	01	11	
↓	↓	AR	GN	01	01	1	
↓	↓	CO	01	01	01	1	
↓	↓	MI	ME	01	01	32	
↓	↓	MI	ME	01	03	26	
PJC4	070392	CO	TE	EL	01	7	
↓	↓	OP	01	01	02	1	
↓	↓	AR	LY	01	01	19	
↓	↓	OR	GY	CE	PA	2	
↓	↓	AR	GN	01	01	2	
↓	↓	AR	GN	01	02	1	

Appendix 4. **Bandelier arthropod pitfall trap data file. This is data file output from SAS. See following pages.**

BANDELIER NATIONAL MONUMENT ARTHROPOD PITFALL TRAP DATA:1993 1
15:03 Saturday, June 25, 1994

OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1	1	1	5	93	PJ	A	1	XXXXXXXXXX	.
2	1	1	5	93	PJ	A	2	XXXXXXXXXX	.
3	1	1	5	93	PJ	A	3	XXXXXXXXXX	.
4	1	1	5	93	PJ	A	4	AR010116	3
5	1	1	5	93	PJ	A	4	ARCL0104	1
6	1	1	5	93	PJ	A	4	ARLY0104	2
7	1	1	5	93	PJ	A	4	COST0111	2
8	1	1	5	93	PJ	A	5	DI010101	1
9	1	1	5	93	PJ	A	6	AR010116	1
10	1	1	5	93	PJ	A	6	ARLY0104	2
11	1	1	5	93	PJ	B	1	ARSA0101	1
12	1	1	5	93	PJ	B	1	COST0111	1
13	1	1	5	93	PJ	B	2	AR010116	4
14	1	1	5	93	PJ	B	2	ARLY0104	1
15	1	1	5	93	PJ	B	3	AR010116	3
16	1	1	5	93	PJ	B	4	AR010116	2
17	1	1	5	93	PJ	B	4	AR010117	1
18	1	1	5	93	PJ	B	5	AR010116	2
19	1	1	5	93	PJ	B	5	AR010117	9
20	1	1	5	93	PJ	B	5	AR010118	1
21	1	1	5	93	PJ	B	6	AR010116	2
22	1	1	5	93	PJ	B	6	AR010117	2
23	1	1	5	93	PJ	B	6	ARTH0101	1
24	1	1	5	93	PJ	C	1	XXXXXXXXXX	.
25	1	1	5	93	PJ	C	2	XXXXXXXXXX	.
26	1	1	5	93	PJ	C	3	XXXXXXXXXX	.
27	1	1	5	93	PJ	C	4	XXXXXXXXXX	.
28	1	1	5	93	PJ	C	5	XXXXXXXXXX	.
29	1	1	5	93	PJ	C	6	XXXXXXXXXX	.
30	1	1	5	93	PJ	D	1	XXXXXXXXXX	.
31	1	1	5	93	PJ	D	2	XXXXXXXXXX	.
32	1	1	5	93	PJ	D	3	XXXXXXXXXX	.
33	1	1	5	93	PJ	D	4	AR010116	2
34	1	1	5	93	PJ	D	4	ARLY0101	1
35	1	1	5	93	PJ	D	4	COST0111	1
36	1	1	5	93	PJ	D	4	ORACERSI	1
37	1	1	5	93	PJ	D	5	XXXXXXXXXX	.
38	1	1	5	93	PJ	D	6	XXXXXXXXXX	.
39	1	1	5	93	PJ	E	1	XXXXXXXXXX	.
40	1	1	5	93	PJ	E	2	XXXXXXXXXX	.
41	1	1	5	93	PJ	E	3	XXXXXXXXXX	.
42	1	1	5	93	PJ	E	4	XXXXXXXXXX	.
43	1	1	5	93	PJ	E	5	XXXXXXXXXX	.
44	1	1	5	93	PJ	E	6	XXXXXXXXXX	.
45	3	3	17	93	PJ	A	1	ARLY0104	1
46	3	3	17	93	PJ	A	1	HEMI0104	1
47	3	3	17	93	PJ	A	2	CH010101	1
48	3	3	17	93	PJ	A	2	SO010102	1
49	3	3	17	93	PJ	A	3	ARLY0104	1
50	3	3	17	93	PJ	A	4	AR010116	5
51	3	3	17	93	PJ	A	4	ARCL0104	2
52	3	3	17	93	PJ	A	4	ARGN0101	2
53	3	3	17	93	PJ	A	4	ARLY0104	5
54	3	3	17	93	PJ	A	5	AR010116	7
55	3	3	17	93	PJ	A	5	AR010117	2
56	3	3	17	93	PJ	A	5	ARCL0104	1
57	3	3	17	93	PJ	A	6	AR010116	3

BANDELIER NATIONAL MONUMENT ARTHROPOD PITFALL TRAP DATA:1993
15:03 Saturday, June 25, 1994

OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
58	3	3	17	93	PJ	A	6	AR010118	1
59	3	3	17	93	PJ	B	1	AR010116	4
60	3	3	17	93	PJ	B	1	ARCL0104	1
61	3	3	17	93	PJ	B	1	ARLY0104	3
62	3	3	17	93	PJ	B	1	COST0111	1
63	3	3	17	93	PJ	B	2	AR010116	2
64	3	3	17	93	PJ	B	2	CO010110	1
65	3	3	17	93	PJ	B	2	CO010111	1
66	3	3	17	93	PJ	B	2	ORACARCO	1
67	3	3	17	93	PJ	B	3	AR010116	4
68	3	3	17	93	PJ	B	4	AR010116	2
69	3	3	17	93	PJ	B	4	ARCL0104	1
70	3	3	17	93	PJ	B	4	ARGN0101	1
71	3	3	17	93	PJ	B	4	ARLY0104	3
72	3	3	17	93	PJ	B	5	ARCL0104	1
73	3	3	17	93	PJ	B	5	ARLY0101	1
74	3	3	17	93	PJ	B	5	ARLY0104	3
75	3	3	17	93	PJ	B	6	ARGN0101	2
76	3	3	17	93	PJ	B	6	ARLY0101	1
77	3	3	17	93	PJ	B	6	ARLY0104	2
78	3	3	17	93	PJ	B	6	CH010101	1
79	3	3	17	93	PJ	C	1	AR010116	3
80	3	3	17	93	PJ	C	1	COST0111	5
81	3	3	17	93	PJ	C	2	AR010116	2
82	3	3	17	93	PJ	C	2	ARLY0104	2
83	3	3	17	93	PJ	C	2	COCR0104	3
84	3	3	17	93	PJ	C	3	ARCL0104	2
85	3	3	17	93	PJ	C	3	ARGN0101	1
86	3	3	17	93	PJ	C	3	COCR0104	2
87	3	3	17	93	PJ	C	3	COST0111	6
88	3	3	17	93	PJ	C	3	NUMY0101	2
89	3	3	17	93	PJ	C	4	AR010116	3
90	3	3	17	93	PJ	C	4	COST0111	3
91	3	3	17	93	PJ	C	4	ORACARCO	1
92	3	3	17	93	PJ	C	5	COST0111	1
93	3	3	17	93	PJ	C	6	AR010116	4
94	3	3	17	93	PJ	C	6	COCR0104	2
95	3	3	17	93	PJ	C	6	COST0111	3
96	3	3	17	93	PJ	C	6	ORGYSTFU	1
97	3	3	17	93	PJ	D	1	XXXXXXXX	.
98	3	3	17	93	PJ	D	2	XXXXXXXX	.
99	3	3	17	93	PJ	D	3	ORGRGR01	1
100	3	3	17	93	PJ	D	4	AR010116	7
101	3	3	17	93	PJ	D	4	ARTH0101	1
102	3	3	17	93	PJ	D	4	DI010101	1
103	3	3	17	93	PJ	D	5	AR010116	3
104	3	3	17	93	PJ	D	5	ARLY0101	1
105	3	3	17	93	PJ	D	5	ARLY0104	2
106	3	3	17	93	PJ	D	5	COST0111	4
107	3	3	17	93	PJ	D	5	ORACARCO	1
108	3	3	17	93	PJ	D	6	AR010116	2
109	3	3	17	93	PJ	D	6	ARCL0104	2
110	3	3	17	93	PJ	D	6	COST0111	2
111	3	3	17	93	PJ	D	6	ORACPSTE	1
112	3	3	17	93	PJ	D	6	ORGRGR01	1
113	3	3	17	93	PJ	E	1	AR010111	2
114	3	3	17	93	PJ	E	1	AR010116	2

BANDELIER NATIONAL MONUMENT ARTHROPOD PITFALL TRAP DATA:1993 3
15:03 Saturday, June 25, 1994

OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
115	3	3	17	93	PJ	E	1	AR010117	2
116	3	3	17	93	PJ	E	1	ARCL0104	2
117	3	3	17	93	PJ	E	2	ARCL0104	2
118	3	3	17	93	PJ	E	2	ARLY0104	1
119	3	3	17	93	PJ	E	2	DI010101	1
120	3	3	17	93	PJ	E	3	AR010117	1
121	3	3	17	93	PJ	E	3	ARCL0104	2
122	3	3	17	93	PJ	E	3	DI010101	1
123	3	3	17	93	PJ	E	4	XXXXXXXX	0
124	3	3	17	93	PJ	E	5	AR010117	1
125	3	3	17	93	PJ	E	5	ARCL0104	2
126	3	3	17	93	PJ	E	5	ARLY0104	1
127	3	3	17	93	PJ	E	5	COCR0104	1
128	3	3	17	93	PJ	E	6	AR010116	2
129	3	3	17	93	PJ	E	6	ARCL0104	1
130	3	3	17	93	PJ	E	6	ARLY0104	1
131	4	4	22	93	PJ	A	1	ARLY0103	1
132	4	4	22	93	PJ	A	1	ARLY0104	3
133	4	4	22	93	PJ	A	1	ORGRGR01	1
134	4	4	22	93	PJ	A	2	ARGN0101	1
135	4	4	22	93	PJ	A	2	ARLY0104	3
136	4	4	22	93	PJ	A	2	COTE0105	1
137	4	4	22	93	PJ	A	2	DI010101	1
138	4	4	22	93	PJ	A	2	HYPO0101	1
139	4	4	22	93	PJ	A	2	ORACARCO	1
140	4	4	22	93	PJ	A	3	ARGN0101	1
141	4	4	22	93	PJ	A	3	COCR0104	1
142	4	4	22	93	PJ	A	3	COTE0101	1
143	4	4	22	93	PJ	A	4	ARGN0102	1
144	4	4	22	93	PJ	A	4	COCA0110	1
145	4	4	22	93	PJ	A	4	COSC0105	1
146	4	4	22	93	PJ	A	5	ARGN0101	1
147	4	4	22	93	PJ	A	5	ARGN0101	1
148	4	4	22	93	PJ	A	5	ARLY0104	6
149	4	4	22	93	PJ	A	5	DI010101	1
150	4	4	22	93	PJ	A	6	ARCL0104	2
151	4	4	22	93	PJ	A	6	COCA0110	4
152	4	4	22	93	PJ	A	6	COCR0104	2
153	4	4	22	93	PJ	A	6	COSINI01	2
154	4	4	22	93	PJ	A	6	COTEEL0B	3
155	4	4	22	93	PJ	A	6	DI010101	5
156	4	4	22	93	PJ	B	1	ARCL0104	1
157	4	4	22	93	PJ	B	1	ARGN0101	3
158	4	4	22	93	PJ	B	1	ARGN0102	1
159	4	4	22	93	PJ	B	1	ARLY0103	1
160	4	4	22	93	PJ	B	1	ARLY0104	2
161	4	4	22	93	PJ	B	2	ARCL0104	3
162	4	4	22	93	PJ	B	2	ARGN0101	1
163	4	4	22	93	PJ	B	2	CO010109	1
164	4	4	22	93	PJ	B	2	COSINI01	1
165	4	4	22	93	PJ	B	2	COTEEL0X	2
166	4	4	22	93	PJ	B	2	SO010101	1
167	4	4	22	93	PJ	B	3	ARGN0101	2
168	4	4	22	93	PJ	B	3	ARLY0104	1
169	4	4	22	93	PJ	B	3	MIME0101	1
170	4	4	22	93	PJ	B	4	ARLY0104	4
171	4	4	22	93	PJ	B	4	COCA0110	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
172	4	4	22	93	PJ	B	4	COSINI01	1
173	4	4	22	93	PJ	B	4	COTEELEX	1
174	4	4	22	93	PJ	B	5	ARCL0104	1
175	4	4	22	93	PJ	B	5	MIME0101	3
176	4	4	22	93	PJ	B	6	ARLY0104	5
177	4	4	22	93	PJ	B	6	COTEELEX	1
178	4	4	22	93	PJ	B	6	COTEELOB	1
179	4	4	22	93	PJ	B	6	MIME0101	3
180	4	4	22	93	PJ	C	1	CO010109	2
181	4	4	22	93	PJ	C	2	ARGN0103	1
182	4	4	22	93	PJ	C	2	ARTH0101	1
183	4	4	22	93	PJ	C	2	CO010109	1
184	4	4	22	93	PJ	C	2	MIME0101	6
185	4	4	22	93	PJ	C	3	AR010118	1
186	4	4	22	93	PJ	C	3	ARTH0101	2
187	4	4	22	93	PJ	C	3	MIME0101	7
188	4	4	22	93	PJ	C	4	ARGN0101	4
189	4	4	22	93	PJ	C	4	ARLY0104	3
190	4	4	22	93	PJ	C	4	COSC0105	1
191	4	4	22	93	PJ	C	4	COTEELEX	1
192	4	4	22	93	PJ	C	4	MIME0101	3
193	4	4	22	93	PJ	C	5	ARGN0101	1
194	4	4	22	93	PJ	C	5	ARLY0104	1
195	4	4	22	93	PJ	C	5	CO010109	1
196	4	4	22	93	PJ	C	5	MIME0101	2
197	4	4	22	93	PJ	C	6	COCR0104	1
198	4	4	22	93	PJ	C	6	MIME0101	3
199	4	4	22	93	PJ	C	6	ORGYCEPA	1
200	4	4	22	93	PJ	D	1	ARCL0101	1
201	4	4	22	93	PJ	D	1	ARCL0104	2
202	4	4	22	93	PJ	D	1	ARGN0101	2
203	4	4	22	93	PJ	D	1	ARLY0104	3
204	4	4	22	93	PJ	D	1	ARTH0101	1
205	4	4	22	93	PJ	D	1	COTEELEX	1
206	4	4	22	93	PJ	D	1	DI010101	1
207	4	4	22	93	PJ	D	2	ARCL0104	1
208	4	4	22	93	PJ	D	2	ARLY0104	1
209	4	4	22	93	PJ	D	2	ARTH0101	3
210	4	4	22	93	PJ	D	2	COTEELOB	1
211	4	4	22	93	PJ	D	2	DI010101	4
212	4	4	22	93	PJ	D	3	ARLY0104	3
213	4	4	22	93	PJ	D	3	ARSA0101	1
214	4	4	22	93	PJ	D	3	ORACPSTE	1
215	4	4	22	93	PJ	D	4	ARLY0104	4
216	4	4	22	93	PJ	D	4	HYP00101	1
217	4	4	22	93	PJ	D	5	ARLY0104	4
218	4	4	22	93	PJ	D	5	ARTH0101	2
219	4	4	22	93	PJ	D	5	CH010101	1
220	4	4	22	93	PJ	D	5	COSINI01	3
221	4	4	22	93	PJ	D	5	DI010101	2
222	4	4	22	93	PJ	D	6	XXXXXXXX	.
223	4	4	22	93	PJ	E	1	XXXXXXXX	.
224	4	4	22	93	PJ	E	2	XXXXXXXX	.
225	4	4	22	93	PJ	E	3	XXXXXXXX	.
226	4	4	22	93	PJ	E	4	XXXXXXXX	.
227	4	4	22	93	PJ	E	5	XXXXXXXX	.
228	4	4	22	93	PJ	E	6	XXXXXXXX	.

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
229	6	6	8	93	MC	A	1	AR010103	1
230	6	6	8	93	MC	A	1	ARLY0105	2
231	6	6	8	93	MC	A	1	CO010136	4
232	6	6	8	93	MC	A	1	COCACAIN	1
233	6	6	8	93	MC	A	1	COCACATA	1
234	6	6	8	93	MC	A	1	COCACYCR	62
235	6	6	8	93	MC	A	1	COCAPTAD	7
236	6	6	8	93	MC	A	1	COCAPTCU	48
237	6	6	8	93	MC	A	1	COCR0102	3
238	6	6	8	93	MC	A	1	OP010103	6
239	6	6	8	93	MC	A	1	ORGYCEUT	5
240	6	6	8	93	MC	A	2	AR010103	1
241	6	6	8	93	MC	A	2	ARCL0104	1
242	6	6	8	93	MC	A	2	ARCL0105	1
243	6	6	8	93	MC	A	2	ARLYPA02	4
244	6	6	8	93	MC	A	2	COCA0118	1
245	6	6	8	93	MC	A	2	COCACAIN	2
246	6	6	8	93	MC	A	2	COCACYPU	10
247	6	6	8	93	MC	A	2	COCANOSE	9
248	6	6	8	93	MC	A	2	COCAPTAD	3
249	6	6	8	93	MC	A	2	COCAPTLU	19
250	6	6	8	93	MC	A	2	COCU0113	1
251	6	6	8	93	MC	A	2	OP010103	2
252	6	6	8	93	MC	A	2	ORGYCEUT	2
253	6	6	8	93	MC	A	3	AR010103	1
254	6	6	8	93	MC	A	3	AR010119	2
255	6	6	8	93	MC	A	3	ARCL0105	1
256	6	6	8	93	MC	A	3	ARLYPA02	5
257	6	6	8	93	MC	A	3	CO010104	1
258	6	6	8	93	MC	A	3	CO010136	2
259	6	6	8	93	MC	A	3	COCACYCR	1
260	6	6	8	93	MC	A	3	COCANOSE	1
261	6	6	8	93	MC	A	3	COCAPTAD	1
262	6	6	8	93	MC	A	3	COCAPTLU	1
263	6	6	8	93	MC	A	3	COCR0102	3
264	6	6	8	93	MC	A	3	COST0112	1
265	6	6	8	93	MC	A	3	HELY0103	1
266	6	6	8	93	MC	A	3	OP010103	2
267	6	6	8	93	MC	A	3	ORGYCEUT	2
268	6	6	8	93	MC	A	4	ARLYPA02	1
269	6	6	8	93	MC	A	4	COCACAIN	1
270	6	6	8	93	MC	A	4	COCACYCR	9
271	6	6	8	93	MC	A	4	COCAPTAD	4
272	6	6	8	93	MC	A	4	COCAPTLU	16
273	6	6	8	93	MC	A	4	COCR0102	2
274	6	6	8	93	MC	A	4	COST0103	1
275	6	6	8	93	MC	A	4	ORGYCEUT	3
276	6	6	8	93	MC	A	5	ARCL0103	1
277	6	6	8	93	MC	A	5	ARGN0102	2
278	6	6	8	93	MC	A	5	ARLYPA02	2
279	6	6	8	93	MC	A	5	COCACYCR	2
280	6	6	8	93	MC	A	5	COCAPTAD	3
281	6	6	8	93	MC	A	5	COCAPTLU	7
282	6	6	8	93	MC	A	5	COCR0102	1
283	6	6	8	93	MC	A	5	COST0115	2
284	6	6	8	93	MC	A	5	OP010103	4
285	6	6	8	93	MC	A	5	ORGYCEUT	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
286	6	6	8	93	MC	A	6	ARLYPA02	4
287	6	6	8	93	MC	A	6	COCANOSE	3
288	6	6	8	93	MC	A	6	HELY0105	2
289	6	6	8	93	MC	A	6	ORGYCEUT	1
290	6	6	8	93	MC	B	1	AR010103	1
291	6	6	8	93	MC	B	1	ARGN0101	2
292	6	6	8	93	MC	B	1	ARGN0107	1
293	6	6	8	93	MC	B	1	ARLYPA01	4
294	6	6	8	93	MC	B	1	ARLYPA02	1
295	6	6	8	93	MC	B	1	COCR0102	1
296	6	6	8	93	MC	B	1	COST0115	1
297	6	6	8	93	MC	B	1	HELY0103	1
298	6	6	8	93	MC	B	2	AR010103	4
299	6	6	8	93	MC	B	2	ARLYPA02	11
300	6	6	8	93	MC	B	2	CH010101	1
301	6	6	8	93	MC	B	2	COCAPTLU	1
302	6	6	8	93	MC	B	2	HELY0103	2
303	6	6	8	93	MC	B	2	OP010103	3
304	6	6	8	93	MC	B	2	ORGYCEUT	7
305	6	6	8	93	MC	B	3	AR010103	3
306	6	6	8	93	MC	B	3	ARLYPA02	3
307	6	6	8	93	MC	B	3	CH010101	1
308	6	6	8	93	MC	B	3	COCANOSE	2
309	6	6	8	93	MC	B	3	COCAPTAD	3
310	6	6	8	93	MC	B	3	COCAPTLU	2
311	6	6	8	93	MC	B	3	COST0112	1
312	6	6	8	93	MC	B	3	COST0115	1
313	6	6	8	93	MC	B	3	OP010103	4
314	6	6	8	93	MC	B	3	OP010104	2
315	6	6	8	93	MC	B	3	ORGYCEUT	6
316	6	6	8	93	MC	B	4	AR010103	2
317	6	6	8	93	MC	B	4	ARGN0101	1
318	6	6	8	93	MC	B	4	ARLYPA02	8
319	6	6	8	93	MC	B	4	COCACATA	1
320	6	6	8	93	MC	B	4	COCAPTAD	2
321	6	6	8	93	MC	B	4	COCR0102	1
322	6	6	8	93	MC	B	4	HELY0103	1
323	6	6	8	93	MC	B	4	OP010103	5
324	6	6	8	93	MC	B	4	OP010104	1
325	6	6	8	93	MC	B	4	ORGYCEUT	5
326	6	6	8	93	MC	B	5	ARGN0101	1
327	6	6	8	93	MC	B	5	ARGN0104	1
328	6	6	8	93	MC	B	5	ARGN0107	2
329	6	6	8	93	MC	B	5	ARLYPA01	10
330	6	6	8	93	MC	B	5	CH010101	1
331	6	6	8	93	MC	B	5	COCAPTLU	1
332	6	6	8	93	MC	B	5	COCR0102	2
333	6	6	8	93	MC	B	5	COST0103	2
334	6	6	8	93	MC	B	5	COST0115	1
335	6	6	8	93	MC	B	5	OP010103	5
336	6	6	8	93	MC	B	5	ORGYCEUT	60
337	6	6	8	93	MC	B	6	AR010103	6
338	6	6	8	93	MC	B	6	ARGN0105	2
339	6	6	8	93	MC	B	6	ARLYPA01	1
340	6	6	8	93	MC	B	6	ARLYPA02	1
341	6	6	8	93	MC	B	6	CO010136	4
342	6	6	8	93	MC	B	6	COCACAIN	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
343	6	6	8	93	MC	B	6	COCACATA	1
344	6	6	8	93	MC	B	6	COCACYCR	7
345	6	6	8	93	MC	B	6	COCAPTAD	1
346	6	6	8	93	MC	B	6	COCAPTLU	1
347	6	6	8	93	MC	B	6	ORGYCEUT	2
348	6	6	8	93	MC	C	1	COCAPTLU	1
349	6	6	8	93	MC	C	2	ARLYPA01	1
350	6	6	8	93	MC	C	2	COCAPTLU	1
351	6	6	8	93	MC	C	3	ARGN0107	1
352	6	6	8	93	MC	C	3	COCANOSE	2
353	6	6	8	93	MC	C	3	COCAPTLU	1
354	6	6	8	93	MC	C	3	COCR0102	3
355	6	6	8	93	MC	C	3	COST0103	2
356	6	6	8	93	MC	C	3	OP010103	2
357	6	6	8	93	MC	C	3	OP010104	1
358	6	6	8	93	MC	C	4	AR010103	1
359	6	6	8	93	MC	C	4	ARCL0104	1
360	6	6	8	93	MC	C	4	ARGN0105	1
361	6	6	8	93	MC	C	4	ARLYPA02	2
362	6	6	8	93	MC	C	4	COCACAIN	2
363	6	6	8	93	MC	C	4	COCACATA	2
364	6	6	8	93	MC	C	4	COCACYCR	3
365	6	6	8	93	MC	C	4	COCAPTAD	1
366	6	6	8	93	MC	C	4	COCAPTLU	22
367	6	6	8	93	MC	C	4	OP010103	96
368	6	6	8	93	MC	C	4	OP010104	1
369	6	6	8	93	MC	C	4	ORGYCEUT	12
370	6	6	8	93	MC	C	5	XXXXXXXXXX	.
371	6	6	8	93	MC	C	6	ARLY0103	1
372	6	6	8	93	MC	C	6	ARLYPA01	1
373	6	6	8	93	MC	C	6	CO010136	1
374	6	6	8	93	MC	C	6	COCAPTLU	1
375	6	6	8	93	MC	D	1	ARGN0101	3
376	6	6	8	93	MC	D	1	ARLY0101	2
377	6	6	8	93	MC	D	1	ARLY0103	13
378	6	6	8	93	MC	D	1	ARLYPA04	4
379	6	6	8	93	MC	D	1	COCANOSE	2
380	6	6	8	93	MC	D	1	COCU0114	5
381	6	6	8	93	MC	D	1	COST0115	1
382	6	6	8	93	MC	D	2	AR010103	1
383	6	6	8	93	MC	D	2	ARCL0101	3
384	6	6	8	93	MC	D	2	ARCL0102	1
385	6	6	8	93	MC	D	2	ARGN0101	2
386	6	6	8	93	MC	D	2	ARLY0102	1
387	6	6	8	93	MC	D	2	ARLY0103	7
388	6	6	8	93	MC	D	2	CO010137	1
389	6	6	8	93	MC	D	2	COCA0119	1
390	6	6	8	93	MC	D	2	COCACATA	1
391	6	6	8	93	MC	D	2	COCANOSE	2
392	6	6	8	93	MC	D	2	COST0103	1
393	6	6	8	93	MC	D	2	COST0112	2
394	6	6	8	93	MC	D	2	HEAR0101	1
395	6	6	8	93	MC	D	2	HELY0103	1
396	6	6	8	93	MC	D	2	HYPO0101	1
397	6	6	8	93	MC	D	2	OP010103	3
398	6	6	8	93	MC	D	2	ORGYCEUT	6
399	6	6	8	93	MC	D	3	ARCL0102	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
400	6	6	8	93	MC	D	3	ARGN0101	1
401	6	6	8	93	MC	D	3	ARLY0103	2
402	6	6	8	93	MC	D	3	ARLYPA02	2
403	6	6	8	93	MC	D	3	CH010101	1
404	6	6	8	93	MC	D	3	COCANOSE	2
405	6	6	8	93	MC	D	3	COCR0102	1
406	6	6	8	93	MC	D	3	OP010104	1
407	6	6	8	93	MC	D	3	ORACTRO1	1
408	6	6	8	93	MC	D	3	ORGYCEUT	1
409	6	6	8	93	MC	D	4	AR010103	1
410	6	6	8	93	MC	D	4	ARCL0101	1
411	6	6	8	93	MC	D	4	ARGN0102	1
412	6	6	8	93	MC	D	4	ARLYPA02	2
413	6	6	8	93	MC	D	4	COCANOSE	2
414	6	6	8	93	MC	D	4	COCAPTLU	1
415	6	6	8	93	MC	D	4	COST0112	1
416	6	6	8	93	MC	D	5	AR010103	2
417	6	6	8	93	MC	D	5	ARLY0103	1
418	6	6	8	93	MC	D	5	ARLYPA02	3
419	6	6	8	93	MC	D	5	CH010101	1
420	6	6	8	93	MC	D	5	COCACATA	1
421	6	6	8	93	MC	D	5	COCU0104	1
422	6	6	8	93	MC	D	5	COST0103	2
423	6	6	8	93	MC	D	5	HELY0103	1
424	6	6	8	93	MC	D	5	ORGYCEUT	2
425	6	6	8	93	MC	D	6	ARGN0101	2
426	6	6	8	93	MC	D	6	ARGN0105	1
427	6	6	8	93	MC	D	6	ARLY0103	1
428	6	6	8	93	MC	D	6	ARLYPA02	3
429	6	6	8	93	MC	D	6	ORGYCEUT	1
430	6	6	8	93	MC	E	1	AR010103	2
431	6	6	8	93	MC	E	1	CO010104	1
432	6	6	8	93	MC	E	1	COCACATA	1
433	6	6	8	93	MC	E	1	COCAPTLU	4
434	6	6	8	93	MC	E	1	COCU0115	1
435	6	6	8	93	MC	E	1	COST0103	1
436	6	6	8	93	MC	E	1	OP010103	11
437	6	6	8	93	MC	E	1	ORGYCEUT	2
438	6	6	8	93	MC	E	2	AR010102	2
439	6	6	8	93	MC	E	2	AR010103	1
440	6	6	8	93	MC	E	2	ARLY0102	2
441	6	6	8	93	MC	E	2	CH010101	2
442	6	6	8	93	MC	E	2	COCA0118	2
443	6	6	8	93	MC	E	2	COCACATA	1
444	6	6	8	93	MC	E	2	COCANOSE	4
445	6	6	8	93	MC	E	2	COCAPTLU	7
446	6	6	8	93	MC	E	2	COCR0102	1
447	6	6	8	93	MC	E	2	OP010103	2
448	6	6	8	93	MC	E	2	OP010104	1
449	6	6	8	93	MC	E	3	AR010110	1
450	6	6	8	93	MC	E	3	ARGN0107	1
451	6	6	8	93	MC	E	3	ARLY0102	1
452	6	6	8	93	MC	E	3	COCA0118	1
453	6	6	8	93	MC	E	3	COCAPTLU	3
454	6	6	8	93	MC	E	3	OP010103	2
455	6	6	8	93	MC	E	3	ORGYCEUT	6
456	6	6	8	93	MC	E	4	AR010106	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
457	6	6	8	93	MC	E	4	CH010101	1
458	6	6	8	93	MC	E	4	COCA0118	3
459	6	6	8	93	MC	E	4	COCACYCR	1
460	6	6	8	93	MC	E	4	COCANOSE	1
461	6	6	8	93	MC	E	4	COCAPTLU	13
462	6	6	8	93	MC	E	4	COST0112	2
463	6	6	8	93	MC	E	4	ORGYCEUT	3
464	6	6	8	93	MC	E	5	AR010103	1
465	6	6	8	93	MC	E	5	CH010101	3
466	6	6	8	93	MC	E	5	CO010104	1
467	6	6	8	93	MC	E	5	COCA0118	1
468	6	6	8	93	MC	E	5	COCACYCR	1
469	6	6	8	93	MC	E	5	COCAPTLU	13
470	6	6	8	93	MC	E	5	COCR0102	1
471	6	6	8	93	MC	E	5	COST0103	2
472	6	6	8	93	MC	E	5	COST0112	1
473	6	6	8	93	MC	E	5	OP010103	4
474	6	6	8	93	MC	E	5	ORGYCEUT	33
475	6	6	8	93	MC	E	6	CH010101	5
476	6	6	8	93	MC	E	6	COCA0116	1
477	6	6	8	93	MC	E	6	COCAPTLU	12
478	6	6	8	93	MC	E	6	COST0112	1
479	6	6	8	93	MC	E	6	OP010103	1
480	6	6	8	93	MC	E	6	OP010104	2
481	6	6	8	93	MC	E	6	ORGYCEUT	3
482	6	6	3	93	PJ	A	1	ARGN0103	5
483	6	6	3	93	PJ	A	1	COCU0104	1
484	6	6	3	93	PJ	A	1	COST0116	1
485	6	6	3	93	PJ	A	1	COTEELEX	2
486	6	6	3	93	PJ	A	1	CP010142	1
487	6	6	3	93	PJ	A	1	HY010105	1
488	6	6	3	93	PJ	A	1	ORACPSTE	1
489	6	6	3	93	PJ	A	1	SO010102	1
490	6	6	3	93	PJ	A	2	ARGN0101	4
491	6	6	3	93	PJ	A	2	ARGN0103	2
492	6	6	3	93	PJ	A	2	ARLYPA02	2
493	6	6	3	93	PJ	A	2	CO010141	1
494	6	6	3	93	PJ	A	3	ARGN0101	1
495	6	6	3	93	PJ	A	3	ARGN0103	8
496	6	6	3	93	PJ	A	3	COTEST01	1
497	6	6	3	93	PJ	A	3	ORACMEOC	1
498	6	6	3	93	PJ	A	3	ORGRGR01	1
499	6	6	3	93	PJ	A	3	ORGYSTFU	1
500	6	6	3	93	PJ	A	3	SO010101	1
501	6	6	3	93	PJ	A	4	ARGN0103	1
502	6	6	3	93	PJ	A	4	ARLY0103	2
503	6	6	3	93	PJ	A	4	COTEELOB	1
504	6	6	3	93	PJ	A	5	ARGN0101	1
505	6	6	3	93	PJ	A	5	ARGN0103	3
506	6	6	3	93	PJ	A	5	ARLY0103	1
507	6	6	3	93	PJ	A	5	COTEELOB	1
508	6	6	3	93	PJ	A	5	COTEST01	1
509	6	6	3	93	PJ	A	5	HELY0103	1
510	6	6	3	93	PJ	A	6	ARGN0103	2
511	6	6	3	93	PJ	A	6	ARLYPA02	5
512	6	6	3	93	PJ	A	6	CO010143	2
513	6	6	3	93	PJ	A	6	COCARHUM	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
514	6	6	3	93	PJ	A	6	COSC0102	1
515	6	6	3	93	PJ	A	6	COTEEL0B	5
516	6	6	3	93	PJ	A	6	COTEST01	1
517	6	6	3	93	PJ	A	6	DI010101	1
518	6	6	3	93	PJ	B	1	ARGN0101	8
519	6	6	3	93	PJ	B	1	ARGN0103	3
520	6	6	3	93	PJ	B	1	ARTH0101	1
521	6	6	3	93	PJ	B	1	COTEELEX	8
522	6	6	3	93	PJ	B	2	ARGN0101	1
523	6	6	3	93	PJ	B	2	ARGN0103	5
524	6	6	3	93	PJ	B	2	ARLY0103	1
525	6	6	3	93	PJ	B	2	COSC0105	2
526	6	6	3	93	PJ	B	2	COTEELEX	2
527	6	6	3	93	PJ	B	2	ORACCAPE	1
528	6	6	3	93	PJ	B	3	ARGN0103	2
529	6	6	3	93	PJ	B	3	ARLYPA02	3
530	6	6	3	93	PJ	B	3	ARLYPA03	2
531	6	6	3	93	PJ	B	3	COCU0118	2
532	6	6	3	93	PJ	B	3	COSC0105	1
533	6	6	3	93	PJ	B	3	OP010116	1
534	6	6	3	93	PJ	B	4	ARLYPA03	3
535	6	6	3	93	PJ	B	4	COEL0105	1
536	6	6	3	93	PJ	B	4	COTEEM01	1
537	6	6	3	93	PJ	B	5	ARGN0103	4
538	6	6	3	93	PJ	B	5	COTEELHO	2
539	6	6	3	93	PJ	B	5	COTEEL0B	1
540	6	6	3	93	PJ	B	6	ARGN0103	5
541	6	6	3	93	PJ	B	6	ARLYPA02	3
542	6	6	3	93	PJ	B	6	COSC0105	1
543	6	6	3	93	PJ	B	6	COTEELHO	1
544	6	6	3	93	PJ	B	6	COTEEL0B	2
545	6	6	3	93	PJ	C	1	ARGN0101	2
546	6	6	3	93	PJ	C	1	ARGN0103	2
547	6	6	3	93	PJ	C	1	ARLYPA02	2
548	6	6	3	93	PJ	C	1	ARTH0101	4
549	6	6	3	93	PJ	C	1	COEL0105	1
550	6	6	3	93	PJ	C	1	COTEELHO	3
551	6	6	3	93	PJ	C	1	COTEEL0B	1
552	6	6	3	93	PJ	C	1	HELY0103	1
553	6	6	3	93	PJ	C	1	HYPO0101	1
554	6	6	3	93	PJ	C	1	MIME0101	14
555	6	6	3	93	PJ	C	2	ARGN0101	2
556	6	6	3	93	PJ	C	2	ARGN0103	2
557	6	6	3	93	PJ	C	2	COSC0105	2
558	6	6	3	93	PJ	C	2	COTEELHO	2
559	6	6	3	93	PJ	C	2	COTEEL0B	2
560	6	6	3	93	PJ	C	2	HYPO0101	1
561	6	6	3	93	PJ	C	3	ARGN0101	3
562	6	6	3	93	PJ	C	3	ARLYPA02	1
563	6	6	3	93	PJ	C	3	CO010116	1
564	6	6	3	93	PJ	C	3	CO010144	7
565	6	6	3	93	PJ	C	3	COEL0105	1
566	6	6	3	93	PJ	C	3	COSC0101	1
567	6	6	3	93	PJ	C	3	COTEEM01	2
568	6	6	3	93	PJ	C	3	MIME0101	6
569	6	6	3	93	PJ	C	4	AR010118	1
570	6	6	3	93	PJ	C	4	ARGN0101	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
571	6	6	3	93	PJ	C	4	ARLYPA02	5
572	6	6	3	93	PJ	C	4	ARLYPA03	1
573	6	6	3	93	PJ	C	4	ARTH0101	1
574	6	6	3	93	PJ	C	4	COSC0105	2
575	6	6	3	93	PJ	C	4	COSINI01	1
576	6	6	3	93	PJ	C	4	COTEEM01	1
577	6	6	3	93	PJ	C	4	MIME0101	7
578	6	6	3	93	PJ	C	4	ORGYCEUT	1
579	6	6	3	93	PJ	C	5	ARGN0101	1
580	6	6	3	93	PJ	C	5	ARTH0101	2
581	6	6	3	93	PJ	C	5	COSC0105	1
582	6	6	3	93	PJ	C	5	MIME0101	3
583	6	6	3	93	PJ	C	5	ORGYSTFU	1
584	6	6	3	93	PJ	C	6	AR010118	1
585	6	6	3	93	PJ	C	6	ARLYPA02	1
586	6	6	3	93	PJ	C	6	ARTH0101	1
587	6	6	3	93	PJ	C	6	CO010144	1
588	6	6	3	93	PJ	C	6	COTEELHO	1
589	6	6	3	93	PJ	C	6	COTEEL0B	1
590	6	6	3	93	PJ	C	6	MIME0101	23
591	6	6	3	93	PJ	C	6	ORGYCEPA	1
592	6	6	3	93	PJ	C	6	ORGYSTFU	1
593	6	6	3	93	PJ	D	1	ARGN0102	12
594	6	6	3	93	PJ	D	1	ARGN0103	3
595	6	6	3	93	PJ	D	1	CH010101	1
596	6	6	3	93	PJ	D	1	COTEEL0B	2
597	6	6	3	93	PJ	D	1	HYPO0101	1
598	6	6	3	93	PJ	D	1	ORGRGR01	4
599	6	6	3	93	PJ	D	1	ORGYCEPA	1
600	6	6	3	93	PJ	D	1	SO010101	1
601	6	6	3	93	PJ	D	2	ARGN0101	2
602	6	6	3	93	PJ	D	2	ARGN0103	2
603	6	6	3	93	PJ	D	2	ARLY0103	2
604	6	6	3	93	PJ	D	2	CH010101	1
605	6	6	3	93	PJ	D	2	COSC0102	1
606	6	6	3	93	PJ	D	2	COSC0105	3
607	6	6	3	93	PJ	D	2	COTEELHO	1
608	6	6	3	93	PJ	D	2	DI010101	1
609	6	6	3	93	PJ	D	2	ORACMEOC	1
610	6	6	3	93	PJ	D	2	ORGRGR01	2
611	6	6	3	93	PJ	D	3	ARGN0102	3
612	6	6	3	93	PJ	D	3	ARLYPA02	1
613	6	6	3	93	PJ	D	3	COCU0106	1
614	6	6	3	93	PJ	D	3	COEL0101	1
615	6	6	3	93	PJ	D	3	COSC0105	1
616	6	6	3	93	PJ	D	3	ORACMEOC	2
617	6	6	3	93	PJ	D	3	SO010103	1
618	6	6	3	93	PJ	D	4	ARGN0101	1
619	6	6	3	93	PJ	D	4	ARGN0102	4
620	6	6	3	93	PJ	D	4	ORACPSTE	2
621	6	6	3	93	PJ	D	4	ORGRGR01	2
622	6	6	3	93	PJ	D	5	ARGN0103	2
623	6	6	3	93	PJ	D	5	ARLYPA02	1
624	6	6	3	93	PJ	D	5	ARTH0101	1
625	6	6	3	93	PJ	D	5	COCU0106	1
626	6	6	3	93	PJ	D	5	COEL0101	1
627	6	6	3	93	PJ	D	5	COTEELHO	1

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628	6	6	3	93	PJ	D	5	ORACTRMO	4
629	6	6	3	93	PJ	D	5	ORGRGR01	1
630	6	6	3	93	PJ	D	5	ORGYCEPA	2
631	6	6	3	93	PJ	D	6	ARGN0101	8
632	6	6	3	93	PJ	D	6	ARGN0103	1
633	6	6	3	93	PJ	D	6	ARLYPA02	5
634	6	6	3	93	PJ	D	6	ARSA0101	2
635	6	6	3	93	PJ	D	6	ARSA0105	1
636	6	6	3	93	PJ	D	6	COEL0101	1
637	6	6	3	93	PJ	D	6	COSC0105	2
638	6	6	3	93	PJ	D	6	COTEELHO	1
639	6	6	3	93	PJ	D	6	COTEELOB	4
640	6	6	3	93	PJ	D	6	ORACTRMO	2
641	6	6	3	93	PJ	D	6	ORGRGR01	1
642	6	6	3	93	PJ	D	6	ORGYCEUT	1
643	6	6	3	93	PJ	E	1	ARGN0103	2
644	6	6	3	93	PJ	E	1	ARLYPA01	1
645	6	6	3	93	PJ	E	1	MIME0101	3
646	6	6	3	93	PJ	E	2	AR010101	3
647	6	6	3	93	PJ	E	2	ARGN0103	1
648	6	6	3	93	PJ	E	2	COSC0105	1
649	6	6	3	93	PJ	E	2	COTEELHO	1
650	6	6	3	93	PJ	E	2	DI010101	1
651	6	6	3	93	PJ	E	2	ORACAECL	1
652	6	6	3	93	PJ	E	2	ORGRGR01	1
653	6	6	3	93	PJ	E	2	ORGYCEUT	1
654	6	6	3	93	PJ	E	3	ARGN0103	2
655	6	6	3	93	PJ	E	3	ARLYPA02	4
656	6	6	3	93	PJ	E	3	COCACATA	1
657	6	6	3	93	PJ	E	3	COSC0105	1
658	6	6	3	93	PJ	E	3	COTEELHO	1
659	6	6	3	93	PJ	E	3	COTEELOB	1
660	6	6	3	93	PJ	E	3	ORGYCEUT	1
661	6	6	3	93	PJ	E	4	ARGN0103	2
662	6	6	3	93	PJ	E	4	DI010101	2
663	6	6	3	93	PJ	E	4	MIME0101	3
664	6	6	3	93	PJ	E	4	ORGRGR01	1
665	6	6	3	93	PJ	E	5	ARGN0103	3
666	6	6	3	93	PJ	E	5	COCARHUM	2
667	6	6	3	93	PJ	E	5	COCU0106	1
668	6	6	3	93	PJ	E	5	ORGYCEUT	1
669	6	6	3	93	PJ	E	6	ARGN0103	2
670	6	6	3	93	PJ	E	6	ARLYPA02	4
671	6	6	3	93	PJ	E	6	COCARHUM	1
672	6	6	3	93	PJ	E	6	COTEELHO	2
673	6	6	3	93	PJ	E	6	COTEELOB	2
674	6	6	3	93	PJ	E	6	MIME0101	6
675	6	6	3	93	PJ	E	6	ORGYSTFU	1
676	6	6	3	93	PJ	E	6	XXXXXXXX	.
677	7	7	12	93	MC	A	1	AR010103	1
678	7	7	12	93	MC	A	1	ARCL0101	1
679	7	7	12	93	MC	A	1	ARLYPA02	9
680	7	7	12	93	MC	A	1	CO010104	5
681	7	7	12	93	MC	A	1	COCACATA	1
682	7	7	12	93	MC	A	1	COCACATA	4
683	7	7	12	93	MC	A	1	COCACYCR	18
684	7	7	12	93	MC	A	1	COCACYCR	6

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
685	7	7	12	93	MC	A	1	COCAPTAD	2
686	7	7	12	93	MC	A	1	COCAPTAD	1
687	7	7	12	93	MC	A	1	COCAPTLU	12
688	7	7	12	93	MC	A	1	COCAPTLU	50
689	7	7	12	93	MC	A	1	COCRO102	2
690	7	7	12	93	MC	A	1	COST0103	15
691	7	7	12	93	MC	A	1	COST0112	1
692	7	7	12	93	MC	A	1	HELY0103	2
693	7	7	12	93	MC	A	1	OP010103	56
694	7	7	12	93	MC	A	1	ORGYCEUT	28
695	7	7	12	93	MC	A	2	ARGN0101	1
696	7	7	12	93	MC	A	2	ARLYPA02	32
697	7	7	12	93	MC	A	2	COCANOSE	3
698	7	7	12	93	MC	A	2	COCAPTAD	1
699	7	7	12	93	MC	A	2	COCAPTLU	13
700	7	7	12	93	MC	A	2	COST0103	4
701	7	7	12	93	MC	A	2	OP010103	4
702	7	7	12	93	MC	A	3	AR010104	1
703	7	7	12	93	MC	A	3	ARLYPA02	22
704	7	7	12	93	MC	A	3	COCACYCR	1
705	7	7	12	93	MC	A	3	COCANOSE	1
706	7	7	12	93	MC	A	3	COCAPTAD	1
707	7	7	12	93	MC	A	3	COCAPTLU	5
708	7	7	12	93	MC	A	3	COST0103	8
709	7	7	12	93	MC	A	3	COTEELEX	1
710	7	7	12	93	MC	A	3	OP010103	2
711	7	7	12	93	MC	A	3	ORGYCEUT	5
712	7	7	12	93	MC	A	4	AR010103	2
713	7	7	12	93	MC	A	4	AR010116	1
714	7	7	12	93	MC	A	4	ARCL0104	1
715	7	7	12	93	MC	A	4	ARLYPA02	21
716	7	7	12	93	MC	A	4	COCACATA	1
717	7	7	12	93	MC	A	4	COCACYCR	3
718	7	7	12	93	MC	A	4	COCAPTAD	1
719	7	7	12	93	MC	A	4	COCAPTLU	25
720	7	7	12	93	MC	A	4	COST0103	5
721	7	7	12	93	MC	A	4	COST0115	2
722	7	7	12	93	MC	A	4	COTEELHO	1
723	7	7	12	93	MC	A	4	HY010105	1
724	7	7	12	93	MC	A	4	OP010103	5
725	7	7	12	93	MC	A	4	ORGYCEUT	13
726	7	7	12	93	MC	A	5	ARGN0105	3
727	7	7	12	93	MC	A	5	ARLYPA02	5
728	7	7	12	93	MC	A	5	ARLYPA04	3
729	7	7	12	93	MC	A	5	COCAPTLU	3
730	7	7	12	93	MC	A	5	COST0103	5
731	7	7	12	93	MC	A	5	COST0115	1
732	7	7	12	93	MC	A	5	OP010103	2
733	7	7	12	93	MC	A	5	ORGYCEUT	17
734	7	7	12	93	MC	A	6	AR010103	1
735	7	7	12	93	MC	A	6	ARCL0101	1
736	7	7	12	93	MC	A	6	ARCL0108	1
737	7	7	12	93	MC	A	6	ARGN0101	1
738	7	7	12	93	MC	A	6	ARLYPA02	5
739	7	7	12	93	MC	A	6	COCACATA	1
740	7	7	12	93	MC	A	6	COCANOSE	1
741	7	7	12	93	MC	A	6	COCAPTLU	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
742	7	7	12	93	MC	A	6	COTEELHO	1
743	7	7	12	93	MC	A	6	HELY0103	1
744	7	7	12	93	MC	A	6	ORGCEUT	1
745	7	7	12	93	MC	B	1	AR010103	1
746	7	7	12	93	MC	B	1	ARGN0101	1
747	7	7	12	93	MC	B	1	ARGN0105	1
748	7	7	12	93	MC	B	1	ARLYPA02	13
749	7	7	12	93	MC	B	1	ARLYPA04	1
750	7	7	12	93	MC	B	2	ARLYPA02	26
751	7	7	12	93	MC	B	2	CH010101	1
752	7	7	12	93	MC	B	2	COCR0102	1
753	7	7	12	93	MC	B	2	COST0103	5
754	7	7	12	93	MC	B	2	COST0112	1
755	7	7	12	93	MC	B	2	COST0115	1
756	7	7	12	93	MC	B	2	COTEELHO	1
757	7	7	12	93	MC	B	2	OP010103	1
758	7	7	12	93	MC	B	2	ORGCEUT	11
759	7	7	12	93	MC	B	3	AR010103	1
760	7	7	12	93	MC	B	3	ARLYPA02	22
761	7	7	12	93	MC	B	3	COCAPTLU	2
762	7	7	12	93	MC	B	3	COCARHUM	3
763	7	7	12	93	MC	B	3	OP010103	4
764	7	7	12	93	MC	B	3	ORGCEUT	24
765	7	7	12	93	MC	B	4	AR010103	1
766	7	7	12	93	MC	B	4	ARGN0101	1
767	7	7	12	93	MC	B	4	ARGN0106	1
768	7	7	12	93	MC	B	4	ARLYPA01	2
769	7	7	12	93	MC	B	4	ARLYPA01	1
770	7	7	12	93	MC	B	4	ARLYPA02	25
771	7	7	12	93	MC	B	4	COCAPTLU	1
772	7	7	12	93	MC	B	4	COST0103	1
773	7	7	12	93	MC	B	4	COST0115	1
774	7	7	12	93	MC	B	4	OP010103	6
775	7	7	12	93	MC	B	4	ORGCEUT	18
776	7	7	12	93	MC	B	5	AR010129	1
777	7	7	12	93	MC	B	5	ARGN0101	2
778	7	7	12	93	MC	B	5	ARLYPA01	1
779	7	7	12	93	MC	B	5	ARLYPA02	10
780	7	7	12	93	MC	B	5	CO010138	1
781	7	7	12	93	MC	B	5	COST0103	5
782	7	7	12	93	MC	B	5	COST0112	1
783	7	7	12	93	MC	B	5	DI010101	1
784	7	7	12	93	MC	B	5	OP010103	3
785	7	7	12	93	MC	B	5	ORGCEUT	28
786	7	7	12	93	MC	B	6	AR010103	1
787	7	7	12	93	MC	B	6	ARLYPA01	4
788	7	7	12	93	MC	B	6	ARLYPA02	22
789	7	7	12	93	MC	B	6	COCACYCR	1
790	7	7	12	93	MC	B	6	COCAPTLU	16
791	7	7	12	93	MC	B	6	COST0103	3
792	7	7	12	93	MC	B	6	HELY0103	1
793	7	7	12	93	MC	B	6	OP010103	2
794	7	7	12	93	MC	B	6	ORGCEUT	12
795	7	7	12	93	MC	C	1	AR010103	2
796	7	7	12	93	MC	C	1	ARCL0104	1
797	7	7	12	93	MC	C	1	ARCL0105	1
798	7	7	12	93	MC	C	1	ARGN0101	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
799	7	7	12	93	MC	C	1	ARLYPA01	5
800	7	7	12	93	MC	C	1	ARLYPA02	38
801	7	7	12	93	MC	C	1	COCACATA	1
802	7	7	12	93	MC	C	1	COCACYCR	1
803	7	7	12	93	MC	C	1	COCANOSE	2
804	7	7	12	93	MC	C	1	COCAPTLU	6
805	7	7	12	93	MC	C	1	COST0103	3
806	7	7	12	93	MC	C	1	HE010101	1
807	7	7	12	93	MC	C	1	OP010103	13
808	7	7	12	93	MC	C	1	ORGYCEUT	14
809	7	7	12	93	MC	C	2	ARCL0104	2
810	7	7	12	93	MC	C	2	ARLYPA02	47
811	7	7	12	93	MC	C	2	ARTR0101	1
812	7	7	12	93	MC	C	2	CH010101	1
813	7	7	12	93	MC	C	2	CO010139	1
814	7	7	12	93	MC	C	2	COCACATA	1
815	7	7	12	93	MC	C	2	COCANOSE	2
816	7	7	12	93	MC	C	2	COCAPTAD	1
817	7	7	12	93	MC	C	2	COCAPTLU	6
818	7	7	12	93	MC	C	2	COST0103	3
819	7	7	12	93	MC	C	2	HELY0103	1
820	7	7	12	93	MC	C	2	OP010103	6
821	7	7	12	93	MC	C	2	ORGYCEUT	2
822	7	7	12	93	MC	C	3	ARGN0101	2
823	7	7	12	93	MC	C	3	ARLYPA01	1
824	7	7	12	93	MC	C	3	ARLYPA02	17
825	7	7	12	93	MC	C	3	ARTR0101	1
826	7	7	12	93	MC	C	3	CO010138	1
827	7	7	12	93	MC	C	3	COCANOSE	3
828	7	7	12	93	MC	C	3	COCAPTAD	1
829	7	7	12	93	MC	C	3	COCAPTLU	2
830	7	7	12	93	MC	C	3	COCH0102	1
831	7	7	12	93	MC	C	3	COST0103	5
832	7	7	12	93	MC	C	3	COST0115	1
833	7	7	12	93	MC	C	3	HY010106	3
834	7	7	12	93	MC	C	3	OP010103	3
835	7	7	12	93	MC	C	3	OP010104	1
836	7	7	12	93	MC	C	3	ORGYCEUT	1
837	7	7	12	93	MC	C	4	AR010107	3
838	7	7	12	93	MC	C	4	ARCL0103	1
839	7	7	12	93	MC	C	4	ARGN0101	1
840	7	7	12	93	MC	C	4	ARLYPA01	1
841	7	7	12	93	MC	C	4	ARLYPA02	18
842	7	7	12	93	MC	C	4	COCACAIN	4
843	7	7	12	93	MC	C	4	COCACATA	5
844	7	7	12	93	MC	C	4	COCACYCR	8
845	7	7	12	93	MC	C	4	COCANOSE	1
846	7	7	12	93	MC	C	4	COCAPTLU	64
847	7	7	12	93	MC	C	4	COST0103	3
848	7	7	12	93	MC	C	4	COST0112	1
849	7	7	12	93	MC	C	4	OP010103	125
850	7	7	12	93	MC	C	4	OP010104	6
851	7	7	12	93	MC	C	4	ORGYCEUT	52
852	7	7	12	93	MC	C	5	ARLY0105	1
853	7	7	12	93	MC	C	5	ARLYPA02	4
854	7	7	12	93	MC	C	5	COCACAIN	1
855	7	7	12	93	MC	C	5	COCAPTLU	3

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
856	7	7	12	93	MC	C	5	COCR0102	2
857	7	7	12	93	MC	C	5	COST0103	5
858	7	7	12	93	MC	C	5	OP010103	1
859	7	7	12	93	MC	C	5	OP010104	2
860	7	7	12	93	MC	C	6	ARCL0101	1
861	7	7	12	93	MC	C	6	ARLYPA02	17
862	7	7	12	93	MC	C	6	ARTH0101	1
863	7	7	12	93	MC	C	6	COST0103	1
864	7	7	12	93	MC	C	6	COST0107	1
865	7	7	12	93	MC	C	6	OP010103	8
866	7	7	12	93	MC	C	6	OP010104	4
867	7	7	12	93	MC	C	6	ORGYCEUT	1
868	7	7	12	93	MC	D	1	ARCL0101	1
869	7	7	12	93	MC	D	1	ARCL0103	2
870	7	7	12	93	MC	D	1	ARCL0106	1
871	7	7	12	93	MC	D	1	ARGN0101	3
872	7	7	12	93	MC	D	1	ARLYPA04	1
873	7	7	12	93	MC	D	1	COCR0102	1
874	7	7	12	93	MC	D	1	COST0103	1
875	7	7	12	93	MC	D	1	OP010103	1
876	7	7	12	93	MC	D	1	ORACARCO	1
877	7	7	12	93	MC	D	1	ORACME01	1
878	7	7	12	93	MC	D	2	AR010103	1
879	7	7	12	93	MC	D	2	ARGN0101	4
880	7	7	12	93	MC	D	2	ARGN0104	1
881	7	7	12	93	MC	D	2	ARLYPA02	5
882	7	7	12	93	MC	D	2	CH010101	1
883	7	7	12	93	MC	D	2	COCANOSE	2
884	7	7	12	93	MC	D	2	COCU0104	2
885	7	7	12	93	MC	D	2	COST0115	2
886	7	7	12	93	MC	D	2	HEAR0101	1
887	7	7	12	93	MC	D	2	OP010103	3
888	7	7	12	93	MC	D	2	ORGYCEUT	32
889	7	7	12	93	MC	D	3	ARGN0101	2
890	7	7	12	93	MC	D	3	ARLYPA01	1
891	7	7	12	93	MC	D	3	ARLYPA02	13
892	7	7	12	93	MC	D	3	ARLYPA04	1
893	7	7	12	93	MC	D	3	ARTH0101	1
894	7	7	12	93	MC	D	3	COCU0116	1
895	7	7	12	93	MC	D	3	OP010103	1
896	7	7	12	93	MC	D	3	ORGYCEUT	1
897	7	7	12	93	MC	D	4	ARLYPA01	1
898	7	7	12	93	MC	D	4	ARLYPA02	2
899	7	7	12	93	MC	D	5	ARCL0101	1
900	7	7	12	93	MC	D	5	ARCL0102	1
901	7	7	12	93	MC	D	5	ARGN0101	1
902	7	7	12	93	MC	D	5	ARLYPA02	3
903	7	7	12	93	MC	D	5	ARLYPA04	2
904	7	7	12	93	MC	D	5	CH010101	2
905	7	7	12	93	MC	D	5	COCACATA	1
906	7	7	12	93	MC	D	5	COST0103	2
907	7	7	12	93	MC	D	5	COST0115	1
908	7	7	12	93	MC	D	5	OP010103	2
909	7	7	12	93	MC	D	5	ORGYCEUT	4
910	7	7	12	93	MC	D	6	ARCL0103	1
911	7	7	12	93	MC	D	6	ARGN0106	1
912	7	7	12	93	MC	D	6	CO010101	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
913	7	7	12	93	MC	D	6	ORACARCO	1
914	7	7	12	93	MC	D	6	ORGYCEUT	1
915	7	7	12	93	MC	E	1	AR010103	1
916	7	7	12	93	MC	E	1	ARCL0102	1
917	7	7	12	93	MC	E	1	ARLY0101	1
918	7	7	12	93	MC	E	1	ARLYPA02	14
919	7	7	12	93	MC	E	1	CO010139	1
920	7	7	12	93	MC	E	1	COCAPTLU	13
921	7	7	12	93	MC	E	1	COCARHUM	1
922	7	7	12	93	MC	E	1	COST0103	2
923	7	7	12	93	MC	E	1	COST0112	1
924	7	7	12	93	MC	E	1	OP010103	25
925	7	7	12	93	MC	E	1	ORGYCEUT	13
926	7	7	12	93	MC	E	2	ARGN0101	1
927	7	7	12	93	MC	E	2	ARLYPA01	2
928	7	7	12	93	MC	E	2	ARLYPA02	9
929	7	7	12	93	MC	E	2	CO010139	45
930	7	7	12	93	MC	E	2	COCACAIN	1
931	7	7	12	93	MC	E	2	COCACATA	2
932	7	7	12	93	MC	E	2	COCANOSE	1
933	7	7	12	93	MC	E	2	COCAPTLU	6
934	7	7	12	93	MC	E	2	COST0112	1
935	7	7	12	93	MC	E	2	COST0115	1
936	7	7	12	93	MC	E	2	OP010103	3
937	7	7	12	93	MC	E	2	ORGYCEUT	13
938	7	7	12	93	MC	E	3	ARLYPA02	5
939	7	7	12	93	MC	E	3	CO010138	1
940	7	7	12	93	MC	E	3	COCANOSE	1
941	7	7	12	93	MC	E	3	COST0103	3
942	7	7	12	93	MC	E	3	OP010103	1
943	7	7	12	93	MC	E	3	OP010104	2
944	7	7	12	93	MC	E	4	AR010103	1
945	7	7	12	93	MC	E	4	ARLY0105	1
946	7	7	12	93	MC	E	4	ARLYPA02	1
947	7	7	12	93	MC	E	4	COCA0118	1
948	7	7	12	93	MC	E	4	COCAPTLU	18
949	7	7	12	93	MC	E	4	COCH0102	1
950	7	7	12	93	MC	E	4	COCR0102	14
951	7	7	12	93	MC	E	4	COCU0117	1
952	7	7	12	93	MC	E	4	COST0112	1
953	7	7	12	93	MC	E	4	OP010103	1
954	7	7	12	93	MC	E	4	OP010104	1
955	7	7	12	93	MC	E	4	ORGYCEUT	2
956	7	7	12	93	MC	E	5	ARLYPA02	1
957	7	7	12	93	MC	E	5	CH010101	6
958	7	7	12	93	MC	E	5	COCACATA	1
959	7	7	12	93	MC	E	5	COCACYCR	3
960	7	7	12	93	MC	E	5	COCAPTLU	16
961	7	7	12	93	MC	E	5	COCR0102	5
962	7	7	12	93	MC	E	5	COST0103	3
963	7	7	12	93	MC	E	5	HYVEVE01	1
964	7	7	12	93	MC	E	5	OP010103	31
965	7	7	12	93	MC	E	5	ORGYCEUT	52
966	7	7	12	93	MC	E	6	ARLYPA02	5
967	7	7	12	93	MC	E	6	CO010141	1
968	7	7	12	93	MC	E	6	COCACAIN	1
969	7	7	12	93	MC	E	6	COCACATA	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
970	7	7	12	93	MC	E	6	COCAPTLU	6
971	7	7	12	93	MC	E	6	COCR0102	7
972	7	7	12	93	MC	E	6	OP010103	1
973	7	7	12	93	MC	E	6	ORGYCEUT	1
974	7	7	12	93	MC	F	1	ARGN0106	1
975	7	7	12	93	MC	F	1	ARLYPA01	3
976	7	7	12	93	MC	F	1	ARLYPA02	7
977	7	7	12	93	MC	F	1	ARTR0101	1
978	7	7	12	93	MC	F	1	COCACYCR	1
979	7	7	12	93	MC	F	1	COCAPTLU	2
980	7	7	12	93	MC	F	1	COCARHUM	2
981	7	7	12	93	MC	F	1	HELY0103	1
982	7	7	12	93	MC	F	1	HYVEVE01	1
983	7	7	12	93	MC	F	1	OP010103	5
984	7	7	12	93	MC	F	1	ORGYCEUT	14
985	7	7	12	93	MC	F	2	AR010103	1
986	7	7	12	93	MC	F	2	AR010112	2
987	7	7	12	93	MC	F	2	ARLYPA02	5
988	7	7	12	93	MC	F	2	COCAPTLU	2
989	7	7	12	93	MC	F	2	OP010103	4
990	7	7	12	93	MC	F	2	ORGYCEUT	26
991	7	7	12	93	MC	F	3	ARGN0101	18
992	7	7	12	93	MC	F	3	ARLYPA02	5
993	7	7	12	93	MC	F	3	ARLYPA05	1
994	7	7	12	93	MC	F	3	ARTR0106	1
995	7	7	12	93	MC	F	3	COCACATA	1
996	7	7	12	93	MC	F	3	COCAPTLU	22
997	7	7	12	93	MC	F	3	COCARHUM	1
998	7	7	12	93	MC	F	3	COELO102	3
999	7	7	12	93	MC	F	3	OP010103	12
1000	7	7	12	93	MC	F	3	ORGYCEUT	28
1001	7	7	12	93	MC	F	4	AR010112	3
1002	7	7	12	93	MC	F	4	ARLY0102	6
1003	7	7	12	93	MC	F	4	COCACYCR	12
1004	7	7	12	93	MC	F	4	COCAPTAD	3
1005	7	7	12	93	MC	F	4	COCAPTLU	47
1006	7	7	12	93	MC	F	4	COCARHUM	2
1007	7	7	12	93	MC	F	4	HY010103	2
1008	7	7	12	93	MC	F	4	OP010103	48
1009	7	7	12	93	MC	F	4	ORGYCEUT	37
1010	7	7	12	93	MC	F	5	AR010103	4
1011	7	7	12	93	MC	F	5	ARGN0101	1
1012	7	7	12	93	MC	F	5	CO010128	1
1013	7	7	12	93	MC	F	5	COCACYCR	9
1014	7	7	12	93	MC	F	5	COCAPTLY	10
1015	7	7	12	93	MC	F	5	COCARHUM	1
1016	7	7	12	93	MC	F	5	COELO108	1
1017	7	7	12	93	MC	F	5	COST0112	1
1018	7	7	12	93	MC	F	5	HY010103	1
1019	7	7	12	93	MC	F	5	OP010103	39
1020	7	7	12	93	MC	F	5	ORGYCEUT	68
1021	7	7	12	93	MC	F	6	ARCL0103	2
1022	7	7	12	93	MC	F	6	ARGN0106	2
1023	7	7	12	93	MC	F	6	ARLYPA02	8
1024	7	7	12	93	MC	F	6	CH010101	4
1025	7	7	12	93	MC	F	6	COCA0116	1
1026	7	7	12	93	MC	F	6	COCACYCR	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1027	7	7	12	93	MC	F	6	COCANOSE	2
1028	7	7	12	93	MC	F	6	COCAPTLU	1
1029	7	7	12	93	MC	F	6	COCARHUM	1
1030	7	7	12	93	MC	F	6	COCASC01	1
1031	7	7	12	93	MC	F	6	DI010101	1
1032	7	7	12	93	MC	F	6	OP010103	12
1033	7	7	12	93	MC	F	6	OP010104	3
1034	7	7	12	93	MC	F	6	ORGYCEUT	48
1035	7	7	14	93	PJ	A	1	ARLYPA02	1
1036	7	7	14	93	PJ	A	1	COCU0106	1
1037	7	7	14	93	PJ	A	1	COTEEL0B	1
1038	7	7	14	93	PJ	A	1	ORACME01	2
1039	7	7	14	93	PJ	A	2	ARGN0103	1
1040	7	7	14	93	PJ	A	2	ARLYPA02	2
1041	7	7	14	93	PJ	A	2	HYPO0101	1
1042	7	7	14	93	PJ	A	2	ORACME01	2
1043	7	7	14	93	PJ	A	3	ARLY0101	9
1044	7	7	14	93	PJ	A	3	COEL0106	1
1045	7	7	14	93	PJ	A	3	COSC0106	1
1046	7	7	14	93	PJ	A	3	COTEELHO	1
1047	7	7	14	93	PJ	A	3	COTEEL0B	1
1048	7	7	14	93	PJ	A	3	SO010101	1
1049	7	7	14	93	PJ	A	4	ARLY0101	5
1050	7	7	14	93	PJ	A	4	ARLYPA01	1
1051	7	7	14	93	PJ	A	4	COEL0106	2
1052	7	7	14	93	PJ	A	4	COTEEL0B	1
1053	7	7	14	93	PJ	A	4	MIME0101	6
1054	7	7	14	93	PJ	A	5	ARLY0101	13
1055	7	7	14	93	PJ	A	5	COEL0106	3
1056	7	7	14	93	PJ	A	5	COTEELHO	3
1057	7	7	14	93	PJ	A	5	MIME0101	5
1058	7	7	14	93	PJ	A	5	ORACCIRA	1
1059	7	7	14	93	PJ	A	5	SO010101	1
1060	7	7	14	93	PJ	A	6	ARGN0101	6
1061	7	7	14	93	PJ	A	6	ARLY0101	17
1062	7	7	14	93	PJ	A	6	COEL0106	3
1063	7	7	14	93	PJ	A	6	COTEELHO	2
1064	7	7	14	93	PJ	A	6	HECY0101	1
1065	7	7	14	93	PJ	A	6	MIME0101	120
1066	7	7	14	93	PJ	A	6	ORACARCO	1
1067	7	7	14	93	PJ	A	6	SO010101	5
1068	7	7	14	93	PJ	B	1	ARLYPA01	4
1069	7	7	14	93	PJ	B	1	COEL0102	1
1070	7	7	14	93	PJ	B	1	COSC0106	9
1071	7	7	14	93	PJ	B	1	COTEELHO	3
1072	7	7	14	93	PJ	B	1	COTEEL0B	1
1073	7	7	14	93	PJ	B	1	COTEEM01	1
1074	7	7	14	93	PJ	B	1	MIME0101	62
1075	7	7	14	93	PJ	B	1	ORACARCO	1
1076	7	7	14	93	PJ	B	1	ORACERSI	1
1077	7	7	14	93	PJ	B	1	ORGYCEUT	3
1078	7	7	14	93	PJ	B	2	ARTRO106	1
1079	7	7	14	93	PJ	B	2	COSC0106	3
1080	7	7	14	93	PJ	B	2	COTEELHO	3
1081	7	7	14	93	PJ	B	2	MIME0101	39
1082	7	7	14	93	PJ	B	2	ORACPSTE	1
1083	7	7	14	93	PJ	B	2	ORGYCEUT	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1084	7	7	14	93	PJ	B	3	ARGN0101	2
1085	7	7	14	93	PJ	B	3	ARLY0103	2
1086	7	7	14	93	PJ	B	3	COCU0103	1
1087	7	7	14	93	PJ	B	3	COSC0106	2
1088	7	7	14	93	PJ	B	3	COTEELEX	4
1089	7	7	14	93	PJ	B	3	DIMAYESO	1
1090	7	7	14	93	PJ	B	3	MIME0101	35
1091	7	7	14	93	PJ	B	3	ORACARCO	1
1092	7	7	14	93	PJ	B	3	SO010101	1
1093	7	7	14	93	PJ	B	4	ARGN0101	1
1094	7	7	14	93	PJ	B	4	ARLY0101	1
1095	7	7	14	93	PJ	B	4	ARLY0103	6
1096	7	7	14	93	PJ	B	4	COSC0101	1
1097	7	7	14	93	PJ	B	4	COTEELEX	6
1098	7	7	14	93	PJ	B	4	HYPO0101	1
1099	7	7	14	93	PJ	B	4	HYPO0104	1
1100	7	7	14	93	PJ	B	4	MIME0101	56
1101	7	7	14	93	PJ	B	5	ARGN0101	1
1102	7	7	14	93	PJ	B	5	ARLY0103	7
1103	7	7	14	93	PJ	B	5	COTEELEX	6
1104	7	7	14	93	PJ	B	5	HYPO0101	1
1105	7	7	14	93	PJ	B	5	MIME0101	350
1106	7	7	14	93	PJ	B	5	ORACME02	1
1107	7	7	14	93	PJ	B	5	ORACMESP	1
1108	7	7	14	93	PJ	B	5	ORACPSDE	1
1109	7	7	14	93	PJ	B	5	ORGYSTFU	1
1110	7	7	14	93	PJ	B	6	ARLY0101	6
1111	7	7	14	93	PJ	B	6	COSC0106	2
1112	7	7	14	93	PJ	B	6	COTEELEX	5
1113	7	7	14	93	PJ	B	6	COTEELOB	1
1114	7	7	14	93	PJ	B	6	MIME0101	450
1115	7	7	14	93	PJ	B	6	ORGYCEUT	1
1116	7	7	14	93	PJ	B	6	ORGYSTFU	2
1117	7	7	14	93	PJ	B	6	SO010101	1
1118	7	7	14	93	PJ	C	1	ARLY0103	5
1119	7	7	14	93	PJ	C	1	ARLYPA01	1
1120	7	7	14	93	PJ	C	1	CO010130	1
1121	7	7	14	93	PJ	C	1	COCARHUM	1
1122	7	7	14	93	PJ	C	1	COCU0106	1
1123	7	7	14	93	PJ	C	1	COSC0102	2
1124	7	7	14	93	PJ	C	1	COTEELEX	1
1125	7	7	14	93	PJ	C	1	HYPO0101	1
1126	7	7	14	93	PJ	C	1	MIME0101	575
1127	7	7	14	93	PJ	C	1	ORGRGR01	1
1128	7	7	14	93	PJ	C	1	ORGYCEUT	5
1129	7	7	14	93	PJ	C	2	ARGN0101	2
1130	7	7	14	93	PJ	C	2	ARGN0102	2
1131	7	7	14	93	PJ	C	2	ARGN0103	1
1132	7	7	14	93	PJ	C	2	CO010144	1
1133	7	7	14	93	PJ	C	2	COSC0106	10
1134	7	7	14	93	PJ	C	2	COTEELEX	4
1135	7	7	14	93	PJ	C	2	COTEELOB	2
1136	7	7	14	93	PJ	C	2	MIME0101	40
1137	7	7	14	93	PJ	C	2	ORGYCEUT	3
1138	7	7	14	93	PJ	C	3	ARLY0101	1
1139	7	7	14	93	PJ	C	3	CH010104	1
1140	7	7	14	93	PJ	C	3	COSC0106	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1141	7	7	14	93	PJ	C	3	COTEELEX	1
1142	7	7	14	93	PJ	C	3	COTEELOB	1
1143	7	7	14	93	PJ	C	3	MIME0101	21
1144	7	7	14	93	PJ	C	3	ORGYSTFU	1
1145	7	7	14	93	PJ	C	4	ARGN0101	5
1146	7	7	14	93	PJ	C	4	ARLY0101	8
1147	7	7	14	93	PJ	C	4	COSC0106	2
1148	7	7	14	93	PJ	C	4	COTEELEX	8
1149	7	7	14	93	PJ	C	4	DIMAYESO	1
1150	7	7	14	93	PJ	C	4	HYPO0101	1
1151	7	7	14	93	PJ	C	4	MIME0101	69
1152	7	7	14	93	PJ	C	4	ORACCHCU	1
1153	7	7	14	93	PJ	C	5	ARGN0101	2
1154	7	7	14	93	PJ	C	5	ARLY0101	7
1155	7	7	14	93	PJ	C	5	COSC0106	2
1156	7	7	14	93	PJ	C	5	COTEELEX	3
1157	7	7	14	93	PJ	C	5	MIME0101	32
1158	7	7	14	93	PJ	C	5	SO010101	2
1159	7	7	14	93	PJ	C	6	ARGN0101	8
1160	7	7	14	93	PJ	C	6	ARLY0101	3
1161	7	7	14	93	PJ	C	6	COTEELEX	1
1162	7	7	14	93	PJ	C	6	COTEELOB	3
1163	7	7	14	93	PJ	C	6	MIME0101	184
1164	7	7	14	93	PJ	C	6	ORGYSTFU	1
1165	7	7	14	93	PJ	D	1	ARLY0103	16
1166	7	7	14	93	PJ	D	1	COTEELEX	1
1167	7	7	14	93	PJ	D	1	HELY0108	1
1168	7	7	14	93	PJ	D	1	ORGRGR01	2
1169	7	7	14	93	PJ	D	1	SO010101	9
1170	7	7	14	93	PJ	D	2	ARGN0101	2
1171	7	7	14	93	PJ	D	2	ARLY0103	8
1172	7	7	14	93	PJ	D	2	COEL0106	7
1173	7	7	14	93	PJ	D	3	ARGN0101	2
1174	7	7	14	93	PJ	D	3	ARLY0103	9
1175	7	7	14	93	PJ	D	3	COCICI01	1
1176	7	7	14	93	PJ	D	3	COEL0106	8
1177	7	7	14	93	PJ	D	3	COEL0113	1
1178	7	7	14	93	PJ	D	3	COTEELEX	1
1179	7	7	14	93	PJ	D	3	COTEELOB	1
1180	7	7	14	93	PJ	D	4	ARGN0101	1
1181	7	7	14	93	PJ	D	4	ARLY0103	10
1182	7	7	14	93	PJ	D	4	COEL0106	1
1183	7	7	14	93	PJ	D	4	COTEELOB	1
1184	7	7	14	93	PJ	D	4	HYPO0101	1
1185	7	7	14	93	PJ	D	4	ORACPSTE	2
1186	7	7	14	93	PJ	D	5	ARGN0101	1
1187	7	7	14	93	PJ	D	5	ARGN0103	2
1188	7	7	14	93	PJ	D	5	ARLY0103	7
1189	7	7	14	93	PJ	D	5	COCICI01	2
1190	7	7	14	93	PJ	D	5	COEL0101	5
1191	7	7	14	93	PJ	D	5	COEL0110	1
1192	7	7	14	93	PJ	D	5	COTEELEX	3
1193	7	7	14	93	PJ	D	5	ORACPSTE	2
1194	7	7	14	93	PJ	D	5	ORACTR01	3
1195	7	7	14	93	PJ	D	6	ARGN0101	3
1196	7	7	14	93	PJ	D	6	ARLYPA01	6
1197	7	7	14	93	PJ	D	6	ARTH0108	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1198	7	7	14	93	PJ	D	6	COCICI01	2
1199	7	7	14	93	PJ	D	6	COCU0105	1
1200	7	7	14	93	PJ	D	6	COCU0118	1
1201	7	7	14	93	PJ	D	6	COEL0101	2
1202	7	7	14	93	PJ	D	6	COEL0113	1
1203	7	7	14	93	PJ	D	6	COSC0105	1
1204	7	7	14	93	PJ	D	6	COTEELEX	1
1205	7	7	14	93	PJ	D	6	COTEELOB	4
1206	7	7	14	93	PJ	D	6	ORACMEOC	2
1207	7	7	14	93	PJ	D	6	ORACPSTE	2
1208	7	7	14	93	PJ	D	6	ORACTACO	3
1209	7	7	14	93	PJ	D	6	ORGRGR01	3
1210	7	7	14	93	PJ	D	6	ORGYCEUT	12
1211	7	7	14	93	PJ	D	6	ORGYSTFU	1
1212	7	7	14	93	PJ	E	1	ARGN0103	1
1213	7	7	14	93	PJ	E	1	ARLYPA01	10
1214	7	7	14	93	PJ	E	1	ARLYPA02	4
1215	7	7	14	93	PJ	E	1	COSC0106	1
1216	7	7	14	93	PJ	E	1	COTEELOB	1
1217	7	7	14	93	PJ	E	1	MIME0101	200
1218	7	7	14	93	PJ	E	1	ORGRGR01	1
1219	7	7	14	93	PJ	E	1	ORGYCEUT	1
1220	7	7	14	93	PJ	E	2	ARGN0101	4
1221	7	7	14	93	PJ	E	2	ARLY0102	1
1222	7	7	14	93	PJ	E	2	COSC0102	1
1223	7	7	14	93	PJ	E	2	COTEELOB	3
1224	7	7	14	93	PJ	E	2	HYPO0101	2
1225	7	7	14	93	PJ	E	2	HYPO0101	2
1226	7	7	14	93	PJ	E	2	MIME0101	15
1227	7	7	14	93	PJ	E	2	ORACERSI	1
1228	7	7	14	93	PJ	E	2	ORACERSI	1
1229	7	7	14	93	PJ	E	2	ORGRGR01	2
1230	7	7	14	93	PJ	E	2	ORGRGR01	3
1231	7	7	14	93	PJ	E	2	ORGYCEUT	1
1232	7	7	14	93	PJ	E	2	ORGYSTFU	1
1233	7	7	14	93	PJ	E	3	ARGN0103	1
1234	7	7	14	93	PJ	E	3	ARLY0102	1
1235	7	7	14	93	PJ	E	3	COSC0102	1
1236	7	7	14	93	PJ	E	3	COTEELOB	3
1237	7	7	14	93	PJ	E	3	MIME0101	9
1238	7	7	14	93	PJ	E	3	MIME0101	8
1239	7	7	14	93	PJ	E	3	ORGGRG01	2
1240	7	7	14	93	PJ	E	3	ORGYSTFU	1
1241	7	7	14	93	PJ	E	4	ARGN0103	2
1242	7	7	14	93	PJ	E	4	ARLY0103	1
1243	7	7	14	93	PJ	E	4	ARLYPA02	1
1244	7	7	14	93	PJ	E	4	CH010101	1
1245	7	7	14	93	PJ	E	4	COSC0102	3
1246	7	7	14	93	PJ	E	4	COTEELEX	2
1247	7	7	14	93	PJ	E	4	MIME0101	15
1248	7	7	14	93	PJ	E	4	ORACARCO	2
1249	7	7	14	93	PJ	E	4	ORGYCEUT	2
1250	7	7	14	93	PJ	E	4	ORGYSTFU	1
1251	7	7	14	93	PJ	E	4	SO010101	1
1252	7	7	14	93	PJ	E	5	ARGN0103	5
1253	7	7	14	93	PJ	E	5	COSC0102	2
1254	7	7	14	93	PJ	E	5	COTEELEX	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1255	7	7	14	93	PJ	E	5	COTEELOB	3
1256	7	7	14	93	PJ	E	5	MIME0101	30
1257	7	7	14	93	PJ	E	6	ARLY0103	1
1258	7	7	14	93	PJ	E	6	COSC0102	1
1259	7	7	14	93	PJ	E	6	COTEELEX	1
1260	7	7	14	93	PJ	E	6	COTEELOB	7
1261	7	7	14	93	PJ	E	6	MIME0101	36
1262	7	7	14	93	PJ	E	6	ORGRGR01	4
1263	7	7	14	93	PJ	E	6	ORGYCEUT	3
1264	7	7	14	93	PJ	E	6	ORGYSTFU	2
1265	7	7	13	93	PP	A	1	ARGN0101	4
1266	7	7	13	93	PP	A	1	ARGN0102	1
1267	7	7	13	93	PP	A	1	ARGN0107	4
1268	7	7	13	93	PP	A	1	ARLYPA01	3
1269	7	7	13	93	PP	A	1	ARLYPA04	12
1270	7	7	13	93	PP	A	1	CO010114	1
1271	7	7	13	93	PP	A	1	COCA0117	1
1272	7	7	13	93	PP	A	1	COCACATA	1
1273	7	7	13	93	PP	A	1	COCU0104	1
1274	7	7	13	93	PP	A	1	OP010103	4
1275	7	7	13	93	PP	A	1	ORGYCEUT	1
1276	7	7	13	93	PP	A	2	ARGN0101	2
1277	7	7	13	93	PP	A	2	ARGN0107	1
1278	7	7	13	93	PP	A	2	ARLYPA01	1
1279	7	7	13	93	PP	A	2	ARLYPA04	10
1280	7	7	13	93	PP	A	2	COCR0102	2
1281	7	7	13	93	PP	A	2	COSC0109	1
1282	7	7	13	93	PP	A	2	OP010103	10
1283	7	7	13	93	PP	A	2	ORGYCEUT	1
1284	7	7	13	93	PP	A	3	AR010119	1
1285	7	7	13	93	PP	A	3	ARCL0102	3
1286	7	7	13	93	PP	A	3	ARLY0107	1
1287	7	7	13	93	PP	A	4	ARCL0102	4
1288	7	7	13	93	PP	A	4	ARGN0101	4
1289	7	7	13	93	PP	A	4	ARGN0102	2
1290	7	7	13	93	PP	A	4	ARLY0107	1
1291	7	7	13	93	PP	A	4	ARLYPA04	2
1292	7	7	13	93	PP	A	4	ARTH0101	1
1293	7	7	13	93	PP	A	4	CH010101	1
1294	7	7	13	93	PP	A	4	COCR0105	1
1295	7	7	13	93	PP	A	4	OP010103	1
1296	7	7	13	93	PP	A	4	ORGYCEUT	7
1297	7	7	13	93	PP	A	5	ARGN0101	2
1298	7	7	13	93	PP	A	5	ARGN0107	3
1299	7	7	13	93	PP	A	5	ARLYPA01	1
1300	7	7	13	93	PP	A	5	ARLYPA04	8
1301	7	7	13	93	PP	A	5	COST0103	3
1302	7	7	13	93	PP	A	5	COST0112	1
1303	7	7	13	93	PP	A	5	OP010103	3
1304	7	7	13	93	PP	A	5	ORGYCEUT	1
1305	7	7	13	93	PP	A	6	ARLYPA01	7
1306	7	7	13	93	PP	A	6	CO010112	1
1307	7	7	13	93	PP	A	6	CO010133	1
1308	7	7	13	93	PP	A	6	COCACATA	1
1309	7	7	13	93	PP	A	6	COCR0102	21
1310	7	7	13	93	PP	A	6	COSC0109	1
1311	7	7	13	93	PP	A	6	MIME0101	12

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1312	7	7	13	93	PP	A	6	OP010103	3
1313	7	7	13	93	PP	A	6	ORGYCEUT	43
1314	7	7	13	93	PP	B	1	AR010101	1
1315	7	7	13	93	PP	B	1	ARGN0107	2
1316	7	7	13	93	PP	B	1	ARLYPA01	2
1317	7	7	13	93	PP	B	1	ARLYPA02	1
1318	7	7	13	93	PP	B	1	ARLYPA04	1
1319	7	7	13	93	PP	B	1	COCA0112	1
1320	7	7	13	93	PP	B	1	COCACATA	1
1321	7	7	13	93	PP	B	1	COCR0102	2
1322	7	7	13	93	PP	B	1	COCU0104	1
1323	7	7	13	93	PP	B	1	COCU0111	1
1324	7	7	13	93	PP	B	1	COST0103	3
1325	7	7	13	93	PP	B	1	HELY0108	2
1326	7	7	13	93	PP	B	1	OP010103	2
1327	7	7	13	93	PP	B	1	ORGYCEUT	9
1328	7	7	18	93	PP	B	2	ARCL0102	6
1329	7	7	18	93	PP	B	2	ARGN0102	4
1330	7	7	18	93	PP	B	2	ARGN0103	1
1331	7	7	18	93	PP	B	2	ARLY0101	1
1332	7	7	18	93	PP	B	2	ARLY0105	1
1333	7	7	18	93	PP	B	2	CH010101	1
1334	7	7	18	93	PP	B	2	COCACH01	3
1335	7	7	18	93	PP	B	2	COCACYPU	1
1336	7	7	18	93	PP	B	2	COCAPTLU	3
1337	7	7	18	93	PP	B	2	COCR0102	27
1338	7	7	18	93	PP	B	2	COCU0108	1
1339	7	7	18	93	PP	B	2	OP010101	14
1340	7	7	18	93	PP	B	2	ORGYCEUT	31
1341	7	7	18	93	PP	B	2	SO010101	1
1342	7	7	13	93	PP	B	2	XXXXXXXX	.
1343	7	7	13	93	PP	B	3	ARLY0107	2
1344	7	7	13	93	PP	B	3	ARLYPA02	1
1345	7	7	13	93	PP	B	3	ARLYPA04	2
1346	7	7	13	93	PP	B	3	COCR0102	14
1347	7	7	13	93	PP	B	3	ORGYCEUT	1
1348	7	7	13	93	PP	B	4	AR010128	1
1349	7	7	13	93	PP	B	4	ARCL0104	1
1350	7	7	13	93	PP	B	4	ARGN0107	5
1351	7	7	13	93	PP	B	4	ARLYPA01	7
1352	7	7	13	93	PP	B	4	ARLYPA04	1
1353	7	7	13	93	PP	B	4	CH010101	2
1354	7	7	13	93	PP	B	4	CO010134	1
1355	7	7	13	93	PP	B	4	COCAPTAD	2
1356	7	7	13	93	PP	B	4	COCR0102	5
1357	7	7	13	93	PP	B	4	COST0103	1
1358	7	7	13	93	PP	B	4	COST0112	4
1359	7	7	13	93	PP	B	4	HY010104	1
1360	7	7	13	93	PP	B	4	HYPO0101	1
1361	7	7	13	93	PP	B	4	OP010103	15
1362	7	7	13	93	PP	B	4	ORACERSI	1
1363	7	7	13	93	PP	B	4	ORGYCEUT	15
1364	7	7	13	93	PP	B	5	AR010127	1
1365	7	7	13	93	PP	B	5	ARGN0101	1
1366	7	7	13	93	PP	B	5	ARGN0104	1
1367	7	7	13	93	PP	B	5	ARGN0107	4
1368	7	7	13	93	PP	B	5	ARLY0103	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1369	7	7	13	93	PP	B	5	ARLYPA04	5
1370	7	7	13	93	PP	B	5	CH010101	1
1371	7	7	13	93	PP	B	5	COCA0112	1
1372	7	7	13	93	PP	B	5	COCACATA	3
1373	7	7	13	93	PP	B	5	COCU0107	2
1374	7	7	13	93	PP	B	5	HELY0103	1
1375	7	7	13	93	PP	B	5	HYVEVE01	1
1376	7	7	13	93	PP	B	5	OP010103	8
1377	7	7	13	93	PP	B	5	ORGYCEUT	8
1378	7	7	13	93	PP	B	6	ARGN0103	1
1379	7	7	13	93	PP	B	6	ARLY0105	4
1380	7	7	13	93	PP	B	6	ARLYPA02	7
1381	7	7	13	93	PP	B	6	ARLYPA04	25
1382	7	7	13	93	PP	B	6	CO010117	28
1383	7	7	13	93	PP	B	6	COCAPTAD	1
1384	7	7	13	93	PP	B	6	COCU0104	3
1385	7	7	13	93	PP	B	6	COEL0106	3
1386	7	7	13	93	PP	B	6	COSC0109	1
1387	7	7	13	93	PP	B	6	COTEELEX	1
1388	7	7	13	93	PP	B	6	COTEELHO	1
1389	7	7	13	93	PP	B	6	OP010103	21
1390	7	7	13	93	PP	B	6	ORGYCEUT	3
1391	7	7	13	93	PP	C	1	ARLYPA01	1
1392	7	7	13	93	PP	C	1	ARLYPA04	2
1393	7	7	13	93	PP	C	1	ARTH0101	1
1394	7	7	13	93	PP	C	1	COST0103	1
1395	7	7	13	93	PP	C	1	COST0112	2
1396	7	7	13	93	PP	C	1	HYPO0101	1
1397	7	7	13	93	PP	C	1	OP010103	1
1398	7	7	13	93	PP	C	1	ORGYCEUT	1
1399	7	7	13	93	PP	C	2	ARCL0104	2
1400	7	7	13	93	PP	C	2	ARGN0107	1
1401	7	7	13	93	PP	C	2	ARLYPA02	4
1402	7	7	13	93	PP	C	2	ARLYPA04	12
1403	7	7	13	93	PP	C	2	CO010130	1
1404	7	7	13	93	PP	C	2	COCAPTAD	2
1405	7	7	13	93	PP	C	2	COCR0102	2
1406	7	7	13	93	PP	C	2	COEL0108	2
1407	7	7	13	93	PP	C	2	COSC0101	1
1408	7	7	13	93	PP	C	2	COST0103	2
1409	7	7	13	93	PP	C	2	COST0112	2
1410	7	7	13	93	PP	C	2	OP010103	2
1411	7	7	13	93	PP	C	3	XXXXXXXX	0
1412	7	7	13	93	PP	C	4	ARGN0103	1
1413	7	7	13	93	PP	C	4	ARLYGE01	2
1414	7	7	13	93	PP	C	4	ARLYPA04	6
1415	7	7	13	93	PP	C	4	COCARHUM	1
1416	7	7	13	93	PP	C	4	COSC0106	1
1417	7	7	13	93	PP	C	4	COTEELEX	1
1418	7	7	13	93	PP	C	4	OP010101	1
1419	7	7	13	93	PP	C	4	ORGYCEUT	1
1420	7	7	13	93	PP	C	5	ARGN0101	1
1421	7	7	13	93	PP	C	5	ARGN0107	2
1422	7	7	13	93	PP	C	5	ARLYPA04	1
1423	7	7	13	93	PP	C	5	COCAPTAD	1
1424	7	7	13	93	PP	C	5	COEL0103	1
1425	7	7	13	93	PP	C	5	COST0112	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1426	7	7	13	93	PP	C	5	HYPO0101	1
1427	7	7	13	93	PP	C	5	OP010103	4
1428	7	7	13	93	PP	C	6	AR010120	1
1429	7	7	13	93	PP	C	6	ARGN0101	3
1430	7	7	13	93	PP	C	6	ARGN0104	1
1431	7	7	13	93	PP	C	6	ARGN0107	1
1432	7	7	13	93	PP	C	6	CH010101	1
1433	7	7	13	93	PP	C	6	ORGYCEUT	2
1434	7	7	13	93	PP	D	1	XXXXXXXXXX	.
1435	7	7	13	93	PP	D	2	XXXXXXXXXX	.
1436	7	7	13	93	PP	D	3	XXXXXXXXXX	.
1437	7	7	13	93	PP	D	4	XXXXXXXXXX	.
1438	7	7	13	93	PP	D	5	XXXXXXXXXX	.
1439	7	7	13	93	PP	D	6	XXXXXXXXXX	.
1440	7	7	13	93	PP	E	1	ARLYPA01	2
1441	7	7	13	93	PP	E	1	COTEELEX	1
1442	7	7	13	93	PP	E	1	MIME0101	1
1443	7	7	13	93	PP	E	1	ORGYCEUT	2
1444	7	7	13	93	PP	E	2	ARGN0104	2
1445	7	7	13	93	PP	E	2	ARLY0103	2
1446	7	7	13	93	PP	E	2	ARLY0107	2
1447	7	7	13	93	PP	E	2	ARLYPA04	13
1448	7	7	13	93	PP	E	2	CO010101	35
1449	7	7	13	93	PP	E	2	COCARHUM	5
1450	7	7	13	93	PP	E	2	COTEEL08	1
1451	7	7	13	93	PP	E	2	MIME0101	4
1452	7	7	13	93	PP	E	2	ORGYCEUT	27
1453	7	7	13	93	PP	E	2	SO010101	3
1454	7	7	13	93	PP	E	3	ARCL0104	1
1455	7	7	13	93	PP	E	3	ARGN0104	1
1456	7	7	13	93	PP	E	3	ARLY0103	2
1457	7	7	13	93	PP	E	3	ARLYPA04	6
1458	7	7	13	93	PP	E	3	ARLYPA04	4
1459	7	7	13	93	PP	E	3	ARLYPA04	7
1460	7	7	13	93	PP	E	3	COCARHUM	1
1461	7	7	13	93	PP	E	3	COCU0104	1
1462	7	7	13	93	PP	E	3	COSC0101	1
1463	7	7	13	93	PP	E	3	COTE0110	1
1464	7	7	13	93	PP	E	3	COTEEL07	1
1465	7	7	13	93	PP	E	3	DI010101	1
1466	7	7	13	93	PP	E	3	HYSP0101	2
1467	7	7	13	93	PP	E	3	ORACERSI	1
1468	7	7	13	93	PP	E	3	ORGYCEUT	2
1469	7	7	13	93	PP	E	3	ORGYCEUT	3
1470	7	7	13	93	PP	E	4	ARCL0104	1
1471	7	7	13	93	PP	E	4	ARGN0101	2
1472	7	7	13	93	PP	E	4	ARLYPA01	6
1473	7	7	13	93	PP	E	4	ARLYPA04	1
1474	7	7	13	93	PP	E	4	ARTH0101	1
1475	7	7	13	93	PP	E	4	COCA0112	1
1476	7	7	13	93	PP	E	5	ARGN0101	1
1477	7	7	13	93	PP	E	5	ARGN0107	1
1478	7	7	13	93	PP	E	5	ARLYPA01	3
1479	7	7	13	93	PP	E	5	ARLYPA04	11
1480	7	7	13	93	PP	E	5	COCA0112	2
1481	7	7	13	93	PP	E	5	COEL0101	1
1482	7	7	13	93	PP	E	5	COSC0101	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1483	7	7	13	93	PP	E	5	MIME0101	7
1484	7	7	13	93	PP	E	5	OP010104	1
1485	7	7	13	93	PP	E	5	ORGYCEUT	5
1486	7	7	13	93	PP	E	5	SO010101	1
1487	7	7	13	93	PP	E	6	ARGN0101	1
1488	7	7	13	93	PP	E	6	ARLY0103	2
1489	7	7	13	93	PP	E	6	ARLY0103	3
1490	7	7	13	93	PP	E	6	ARLYPA02	3
1491	7	7	13	93	PP	E	6	ARLYPA04	26
1492	7	7	13	93	PP	E	6	HYPO0101	1
1493	7	7	13	93	PP	E	6	MIME0101	1
1494	7	7	13	93	PP	E	6	ORGYCEUT	4
1495	7	7	13	93	PP	E	6	SO010101	2
1496	8	8	17	93	MC	A	1	XXXXXXXXXX	.
1497	8	8	17	93	MC	A	2	ARLY0105	2
1498	8	8	17	93	MC	A	2	ARLYPA02	1
1499	8	8	17	93	MC	A	2	COCAPTLU	10
1500	8	8	17	93	MC	A	2	COST0103	3
1501	8	8	17	93	MC	A	2	DI010101	1
1502	8	8	17	93	MC	A	2	HELY0103	3
1503	8	8	17	93	MC	A	2	OP010103	5
1504	8	8	17	93	MC	A	2	ORGYCEUT	4
1505	8	8	17	93	MC	A	3	ARGN0101	2
1506	8	8	17	93	MC	A	3	ARGN0108	7
1507	8	8	17	93	MC	A	3	ARLYPA02	5
1508	8	8	17	93	MC	A	3	COCAPTLU	9
1509	8	8	17	93	MC	A	3	COST0103	5
1510	8	8	17	93	MC	A	3	HELY0103	6
1511	8	8	17	93	MC	A	3	OP010103	5
1512	8	8	17	93	MC	A	3	ORGYCEUT	13
1513	8	8	17	93	MC	A	4	ARLYPA02	2
1514	8	8	17	93	MC	A	4	COCACAIN	1
1515	8	8	17	93	MC	A	4	COCACYCR	5
1516	8	8	17	93	MC	A	4	COCAPTAD	2
1517	8	8	17	93	MC	A	4	COCAPTLU	20
1518	8	8	17	93	MC	A	4	COST0103	13
1519	8	8	17	93	MC	A	4	DI010101	1
1520	8	8	17	93	MC	A	4	HELY0103	6
1521	8	8	17	93	MC	A	4	OP010103	69
1522	8	8	17	93	MC	A	4	OP010104	1
1523	8	8	17	93	MC	A	4	ORGYCEUT	89
1524	8	8	17	93	MC	A	5	ARLYPA02	1
1525	8	8	17	93	MC	A	5	CH010101	1
1526	8	8	17	93	MC	A	5	COCANOSE	1
1527	8	8	17	93	MC	A	5	COCAPTLU	10
1528	8	8	17	93	MC	A	5	COCR0104	2
1529	8	8	17	93	MC	A	5	COST0103	7
1530	8	8	17	93	MC	A	5	HELY0103	22
1531	8	8	17	93	MC	A	5	OP010103	9
1532	8	8	17	93	MC	A	5	ORGYCEUT	13
1533	8	8	17	93	MC	A	6	ARCL0103	1
1534	8	8	17	93	MC	A	6	ARGN0101	1
1535	8	8	17	93	MC	A	6	ARLYPA02	3
1536	8	8	17	93	MC	A	6	CH010101	1
1537	8	8	17	93	MC	A	6	COCACATA	1
1538	8	8	17	93	MC	A	6	COCAPTLU	3
1539	8	8	17	93	MC	A	6	COST0103	4

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1540	8	8	17	93	MC	A	6	HELY0103	4
1541	8	8	17	93	MC	A	6	OP010103	4
1542	8	8	17	93	MC	A	6	ORGYCEUT	8
1543	8	8	17	93	MC	B	1	ARLY0101	1
1544	8	8	17	93	MC	B	1	ARLYPA02	7
1545	8	8	17	93	MC	B	1	ARTR0101	2
1546	8	8	17	93	MC	B	1	CH010101	1
1547	8	8	17	93	MC	B	1	COST0103	6
1548	8	8	17	93	MC	B	1	COST0112	3
1549	8	8	17	93	MC	B	1	OP010103	2
1550	8	8	17	93	MC	B	1	OP010104	1
1551	8	8	17	93	MC	B	1	ORGYCEUT	2
1552	8	8	17	93	MC	B	2	AR010103	2
1553	8	8	17	93	MC	B	2	ARGN0101	1
1554	8	8	17	93	MC	B	2	ARLYPA02	4
1555	8	8	17	93	MC	B	2	CH010101	1
1556	8	8	17	93	MC	B	2	CO010105	1
1557	8	8	17	93	MC	B	2	CO010138	1
1558	8	8	17	93	MC	B	2	COCAPTLU	1
1559	8	8	17	93	MC	B	2	COST0103	13
1560	8	8	17	93	MC	B	2	COST0108	2
1561	8	8	17	93	MC	B	2	HELY0103	5
1562	8	8	17	93	MC	B	2	OP010103	6
1563	8	8	17	93	MC	B	2	OP010104	2
1564	8	8	17	93	MC	B	2	ORGYCEUT	13
1565	8	8	17	93	MC	B	3	ARLYPA02	1
1566	8	8	17	93	MC	B	3	CH010103	1
1567	8	8	17	93	MC	B	3	COCARHUM	5
1568	8	8	17	93	MC	B	3	HELY0103	1
1569	8	8	17	93	MC	B	3	HYVEVE01	1
1570	8	8	17	93	MC	B	3	OP010103	14
1571	8	8	17	93	MC	B	3	ORGYCEUT	15
1572	8	8	17	93	MC	B	4	COCARHUM	2
1573	8	8	17	93	MC	B	4	DI010101	1
1574	8	8	17	93	MC	B	4	HELY0103	1
1575	8	8	17	93	MC	B	4	HY010103	3
1576	8	8	17	93	MC	B	4	OP010103	10
1577	8	8	17	93	MC	B	4	ORGYCEUT	15
1578	8	8	17	93	MC	B	5	AR010103	1
1579	8	8	17	93	MC	B	5	ARGN0103	2
1580	8	8	17	93	MC	B	5	ARLYPA02	6
1581	8	8	17	93	MC	B	5	ARTH0103	1
1582	8	8	17	93	MC	B	5	COCARHUM	1
1583	8	8	17	93	MC	B	5	HYVEVE01	2
1584	8	8	17	93	MC	B	5	OP010103	5
1585	8	8	17	93	MC	B	5	ORGYCEUT	98
1586	8	8	17	93	MC	B	6	ARGN0103	1
1587	8	8	17	93	MC	B	6	ARLYPA02	5
1588	8	8	17	93	MC	B	6	COCARHUM	2
1589	8	8	17	93	MC	B	6	DI010101	3
1590	8	8	17	93	MC	B	6	HYVEVE01	1
1591	8	8	17	93	MC	B	6	OP010103	9
1592	8	8	17	93	MC	B	6	ORGYCEUT	12
1593	8	8	17	93	MC	C	1	ARGN0101	1
1594	8	8	17	93	MC	C	1	ARLYPA02	2
1595	8	8	17	93	MC	C	1	COCACATA	1
1596	8	8	17	93	MC	C	1	DI010101	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1597	8	8	17	93	MC	C	2	ARTH0103	1
1598	8	8	17	93	MC	C	2	COCARHUM	4
1599	8	8	17	93	MC	C	2	COCR0105	42
1600	8	8	17	93	MC	C	2	COTEEL07	1
1601	8	8	17	93	MC	C	2	ORGYCEUT	1
1602	8	8	17	93	MC	C	3	COCARHUM	41
1603	8	8	17	93	MC	C	3	COTEEL07	7
1604	8	8	17	93	MC	C	3	DI010101	1
1605	8	8	17	93	MC	C	3	HELY0103	11
1606	8	8	17	93	MC	C	3	HY010103	1
1607	8	8	17	93	MC	C	3	HYVEVE01	8
1608	8	8	17	93	MC	C	3	OP010103	156
1609	8	8	17	93	MC	C	3	OP010104	5
1610	8	8	17	93	MC	C	3	ORGYCEUT	39
1611	8	8	17	93	MC	C	4	ARGN0103	1
1612	8	8	17	93	MC	C	4	ARLYPA02	4
1613	8	8	17	93	MC	C	4	COCARHUM	1
1614	8	8	17	93	MC	C	4	HELY0103	1
1615	8	8	17	93	MC	C	4	OP010103	1
1616	8	8	17	93	MC	C	4	ORGYCEUT	2
1617	8	8	17	93	MC	C	5	ARGN0103	1
1618	8	8	17	93	MC	C	5	CH010102	2
1619	8	8	17	93	MC	C	5	COCACH01	1
1620	8	8	17	93	MC	C	5	COCAPTAD	1
1621	8	8	17	93	MC	C	5	ORGYCEUT	5
1622	8	8	17	93	MC	C	6	ARLY0105	11
1623	8	8	17	93	MC	C	6	CH010101	1
1624	8	8	17	93	MC	C	6	COCARHUM	7
1625	8	8	17	93	MC	C	6	HY010103	2
1626	8	8	17	93	MC	C	6	HYPO0101	1
1627	8	8	17	93	MC	C	6	HYVEVE01	1
1628	8	8	17	93	MC	C	6	OP010103	13
1629	8	8	17	93	MC	C	6	ORGYCEUT	10
1630	8	8	17	93	MC	D	1	COCARHUM	1
1631	8	8	17	93	MC	D	1	COCU0104	1
1632	8	8	17	93	MC	D	2	AR010103	1
1633	8	8	17	93	MC	D	2	AR010126	1
1634	8	8	17	93	MC	D	2	ARCL0102	3
1635	8	8	17	93	MC	D	2	ARGN0101	2
1636	8	8	17	93	MC	D	2	ARLY0103	5
1637	8	8	17	93	MC	D	2	ARLYPA05	1
1638	8	8	17	93	MC	D	2	COCARHUM	1
1639	8	8	17	93	MC	D	2	COCR0102	24
1640	8	8	17	93	MC	D	2	OP010103	4
1641	8	8	17	93	MC	D	2	ORACME01	1
1642	8	8	17	93	MC	D	2	ORGYCEUT	17
1643	8	8	17	93	MC	D	3	ARGN0101	5
1644	8	8	17	93	MC	D	3	ARGN0103	3
1645	8	8	17	93	MC	D	3	ARGN0108	4
1646	8	8	17	93	MC	D	3	ARLYPA02	4
1647	8	8	17	93	MC	D	3	ORACME01	2
1648	8	8	17	93	MC	D	3	ORGYCEUT	3
1649	8	8	17	93	MC	D	4	ARGN0108	3
1650	8	8	17	93	MC	D	4	HYPO0101	1
1651	8	8	17	93	MC	D	4	ORGYCEUT	1
1652	8	8	17	93	MC	D	5	ARLYPA02	1
1653	8	8	17	93	MC	D	5	COEL0109	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1654	8	8	17	93	MC	D	6	ARLYPA02	3
1655	8	8	17	93	MC	D	6	ORGYCEUT	1
1656	8	8	17	93	MC	E	1	ARLYPA02	2
1657	8	8	17	93	MC	E	1	COCARHUM	9
1658	8	8	17	93	MC	E	1	HELY0103	1
1659	8	8	17	93	MC	E	1	OP010103	13
1660	8	8	17	93	MC	E	1	ORGYCEUT	10
1661	8	8	17	93	MC	E	2	COCACHTO	2
1662	8	8	17	93	MC	E	2	COCARHUM	2
1663	8	8	17	93	MC	E	2	HY010103	3
1664	8	8	17	93	MC	E	2	HYVEVE01	1
1665	8	8	17	93	MC	E	2	OP010103	26
1666	8	8	17	93	MC	E	2	ORGYCEUT	23
1667	8	8	17	93	MC	E	3	ARLYPA02	1
1668	8	8	17	93	MC	E	3	OP010103	3
1669	8	8	17	93	MC	E	3	ORGYCEUT	1
1670	8	8	17	93	MC	E	4	COCARHUM	8
1671	8	8	17	93	MC	E	4	ORGYCEUT	1
1672	8	8	17	93	MC	E	5	CH010101	1
1673	8	8	17	93	MC	E	5	COCAPTAD	2
1674	8	8	17	93	MC	E	5	COCARHUM	24
1675	8	8	17	93	MC	E	5	OP010103	27
1676	8	8	17	93	MC	E	5	ORGYCEUT	25
1677	8	8	17	93	MC	E	6	ARLYPA02	1
1678	8	8	17	93	MC	E	6	CH010103	1
1679	8	8	17	93	MC	E	6	COCARHUM	4
1680	8	8	17	93	MC	E	6	OP010103	1
1681	8	8	17	93	MC	E	6	ORGYCEUT	2
1682	8	8	17	93	MC	F	1	ARLY0103	3
1683	8	8	17	93	MC	F	1	ARLY0105	1
1684	8	8	17	93	MC	F	1	CH010101	1
1685	8	8	17	93	MC	F	1	CO010106	1
1686	8	8	17	93	MC	F	1	COCACATA	2
1687	8	8	17	93	MC	F	1	COCAPTLU	8
1688	8	8	17	93	MC	F	1	COCERHUM	10
1689	8	8	17	93	MC	F	1	COCR0102	6
1690	8	8	17	93	MC	F	1	COEL0104	1
1691	8	8	17	93	MC	F	1	COST0103	9
1692	8	8	17	93	MC	F	1	HELY0103	6
1693	8	8	17	93	MC	F	1	OP010103	16
1694	8	8	17	93	MC	F	1	OP010103	29
1695	8	8	17	93	MC	F	1	ORGYCEUT	50
1696	8	8	17	93	MC	F	1	ORGYCEUT	62
1697	8	8	17	93	MC	F	1	ORGYCEUT	36
1698	8	8	17	93	MC	F	2	ARLYPA02	1
1699	8	8	17	93	MC	F	2	COCAPTLU	5
1700	8	8	17	93	MC	F	2	COCERHUM	1
1701	8	8	17	93	MC	F	2	COEL0105	1
1702	8	8	17	93	MC	F	2	HY010103	1
1703	8	8	17	93	MC	F	2	OP010103	2
1704	8	8	17	93	MC	F	2	ORGYCEUT	7
1705	8	8	17	93	MC	F	3	ARLYPA02	2
1706	8	8	17	93	MC	F	3	COCAPTLU	6
1707	8	8	17	93	MC	F	3	COCERHUM	2
1708	8	8	17	93	MC	F	3	COTEEL07	2
1709	8	8	17	93	MC	F	3	HY010103	1
1710	8	8	17	93	MC	F	3	OP010101	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1711	8	8	17	93	MC	F	3	OP010103	7
1712	8	8	17	93	MC	F	3	ORGYCEUT	33
1713	8	8	17	93	MC	F	4	ARLYPA02	1
1714	8	8	17	93	MC	F	4	ARLYPA05	1
1715	8	8	17	93	MC	F	4	COCAPTLU	5
1716	8	8	17	93	MC	F	4	COCERHUM	2
1717	8	8	17	93	MC	F	4	COTEEL07	2
1718	8	8	17	93	MC	F	4	HELY0103	2
1719	8	8	17	93	MC	F	4	OP010103	2
1720	8	8	17	93	MC	F	4	ORGYCEUT	11
1721	8	8	17	93	MC	F	5	ARCL0104	7
1722	8	8	17	93	MC	F	5	ARGN0105	1
1723	8	8	17	93	MC	F	5	COCASC01	2
1724	8	8	17	93	MC	F	5	COST0105	1
1725	8	8	17	93	MC	F	5	HELY0103	4
1726	8	8	17	93	MC	F	5	HY010103	1
1727	8	8	17	93	MC	F	5	OP010103	16
1728	8	8	17	93	MC	F	5	ORGYCEUT	42
1729	8	8	17	93	MC	F	6	ARLYPA02	3
1730	8	8	17	93	MC	F	6	CH010101	1
1731	8	8	17	93	MC	F	6	COCACATA	2
1732	8	8	17	93	MC	F	6	COCAPTLU	1
1733	8	8	17	93	MC	F	6	COCARHUM	1
1734	8	8	17	93	MC	F	6	COST0103	13
1735	8	8	17	93	MC	F	6	HELY0103	8
1736	8	8	17	93	MC	F	6	OP010103	7
1737	8	8	19	93	PJ	A	1	ARGN0103	2
1738	8	8	19	93	PJ	A	1	ARGN0103	1
1739	8	8	19	93	PJ	A	1	COSC0108	1
1740	8	8	19	93	PJ	A	1	COTEEL0B	1
1741	8	8	19	93	PJ	A	1	MIME0101	10
1742	8	8	19	93	PJ	A	1	ORACMEOC	2
1743	8	8	19	93	PJ	A	1	ORGRCY01	2
1744	8	8	19	93	PJ	A	1	ORGRGR01	1
1745	8	8	19	93	PJ	A	1	ORGROECA	4
1746	8	8	19	93	PJ	A	1	ORGYCEUT	1
1747	8	8	19	93	PJ	A	1	ORGYCEUT	1
1748	8	8	19	93	PJ	A	2	ARTRLAHE	1
1749	8	8	19	93	PJ	A	2	COSC0108	1
1750	8	8	19	93	PJ	A	2	COTEEL0B	1
1751	8	8	19	93	PJ	A	2	HYPO0101	1
1752	8	8	19	93	PJ	A	2	ORGROECA	4
1753	8	8	19	93	PJ	A	3	COCACATA	1
1754	8	8	19	93	PJ	A	3	COSC0108	1
1755	8	8	19	93	PJ	A	3	COTEEL0B	1
1756	8	8	19	93	PJ	A	3	ORACPSTE	1
1757	8	8	19	93	PJ	A	4	ARGN0103	6
1758	8	8	19	93	PJ	A	4	ARLY0101	1
1759	8	8	19	93	PJ	A	4	ARLYPA03	2
1760	8	8	19	93	PJ	A	4	ARSA0101	1
1761	8	8	19	93	PJ	A	4	COTEEL0B	1
1762	8	8	19	93	PJ	A	4	MIME0101	23
1763	8	8	19	93	PJ	A	4	ORACOECA	1
1764	8	8	19	93	PJ	A	4	ORGYSTFU	1
1765	8	8	19	93	PJ	A	5	ARGN0101	1
1766	8	8	19	93	PJ	A	5	ARGN0103	1
1767	8	8	19	93	PJ	A	5	COCARHUM	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1768	8	8	19	93	PJ	A	5	COEL0101	2
1769	8	8	19	93	PJ	A	5	COSC0103	2
1770	8	8	19	93	PJ	A	5	COSC0108	10
1771	8	8	19	93	PJ	A	5	MIME0101	30
1772	8	8	19	93	PJ	A	5	ORGYSTFU	1
1773	8	8	19	93	PJ	A	6	ARLYPA01	2
1774	8	8	19	93	PJ	A	6	COCARHUM	1
1775	8	8	19	93	PJ	A	6	COEL0101	1
1776	8	8	19	93	PJ	A	6	COSC0102	1
1777	8	8	19	93	PJ	A	6	COSC0105	2
1778	8	8	19	93	PJ	A	6	COTEELEX	1
1779	8	8	19	93	PJ	A	6	OP010104	3
1780	8	8	19	93	PJ	A	6	ORGROECA	3
1781	8	8	19	93	PJ	A	6	ORGYSTFU	2
1782	8	8	19	93	PJ	B	1	ARGN0101	1
1783	8	8	19	93	PJ	B	1	ARLY0103	1
1784	8	8	19	93	PJ	B	1	COSC0102	2
1785	8	8	19	93	PJ	B	1	COTEELEX	2
1786	8	8	19	93	PJ	B	1	COTEELOB	1
1787	8	8	19	93	PJ	B	1	COTEEM01	1
1788	8	8	19	93	PJ	B	1	DIMAYESO	1
1789	8	8	19	93	PJ	B	1	DIPOARER	1
1790	8	8	19	93	PJ	B	1	MIME0101	5
1791	8	8	19	93	PJ	B	1	OP010103	2
1792	8	8	19	93	PJ	B	1	ORACTR01	1
1793	8	8	19	93	PJ	B	1	ORGYCEUT	3
1794	8	8	19	93	PJ	B	1	ORGYSTFU	2
1795	8	8	19	93	PJ	B	2	COTEELEX	2
1796	8	8	19	93	PJ	B	2	HYPO0101	1
1797	8	8	19	93	PJ	B	2	MIME0101	3
1798	8	8	19	93	PJ	B	2	OP010101	1
1799	8	8	19	93	PJ	B	2	ORGYCEUT	1
1800	8	8	19	93	PJ	B	2	ORGYSTFU	2
1801	8	8	19	93	PJ	B	3	ARLY0103	1
1802	8	8	19	93	PJ	B	3	COTEELEX	1
1803	8	8	19	93	PJ	B	3	MIME0101	6
1804	8	8	19	93	PJ	B	4	ARGN0103	1
1805	8	8	19	93	PJ	B	4	COSC0105	2
1806	8	8	19	93	PJ	B	4	COSC0107	2
1807	8	8	19	93	PJ	B	4	COTEELEX	7
1808	8	8	19	93	PJ	B	4	MIME0101	1
1809	8	8	19	93	PJ	B	4	ORGYSTFU	1
1810	8	8	19	93	PJ	B	4	SO010101	1
1811	8	8	19	93	PJ	B	5	ARGN0101	1
1812	8	8	19	93	PJ	B	5	ARGN0103	1
1813	8	8	19	93	PJ	B	5	COTEELEX	1
1814	8	8	19	93	PJ	B	5	COTEELOB	1
1815	8	8	19	93	PJ	B	5	HYPO0101	1
1816	8	8	19	93	PJ	B	5	MIME0101	18
1817	8	8	19	93	PJ	B	5	OP010103	2
1818	8	8	19	93	PJ	B	5	ORACMEAR	1
1819	8	8	19	93	PJ	B	5	ORGYCEUT	1
1820	8	8	19	93	PJ	B	5	ORGYSTFU	2
1821	8	8	19	93	PJ	B	6	ARLY0103	1
1822	8	8	19	93	PJ	B	6	COTEELEX	1
1823	8	8	19	93	PJ	B	6	COTEELOB	1
1824	8	8	19	93	PJ	B	6	DIMAYESO	3

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1825	8	8	19	93	PJ	B	6	MIME0101	32
1826	8	8	19	93	PJ	B	6	ORACMESP	1
1827	8	8	19	93	PJ	B	6	ORGROECA	1
1828	8	8	19	93	PJ	B	6	ORGYSTFU	3
1829	8	8	19	93	PJ	B	6	SO010101	1
1830	8	8	19	93	PJ	C	1	MIME0101	200
1831	8	8	19	93	PJ	C	1	ORGYSTFU	1
1832	8	8	19	93	PJ	C	2	ARLYPA02	1
1833	8	8	19	93	PJ	C	2	COSC0105	1
1834	8	8	19	93	PJ	C	2	COTEELEX	1
1835	8	8	19	93	PJ	C	2	MIME0101	30
1836	8	8	19	93	PJ	C	2	ORAC0101	1
1837	8	8	19	93	PJ	C	2	ORGROECA	1
1838	8	8	19	93	PJ	C	2	ORGYCEUT	3
1839	8	8	19	93	PJ	C	2	ORGYSTFU	2
1840	8	8	19	93	PJ	C	3	ARPH0101	1
1841	8	8	19	93	PJ	C	3	MIME0101	7
1842	8	8	19	93	PJ	C	3	ORACCAPE	1
1843	8	8	19	93	PJ	C	4	COSC0105	2
1844	8	8	19	93	PJ	C	4	MIME0101	10
1845	8	8	19	93	PJ	C	5	COTEELEX	2
1846	8	8	19	93	PJ	C	5	ORGRCY01	1
1847	8	8	19	93	PJ	C	6	ARTH0101	1
1848	8	8	19	93	PJ	C	6	MIME0101	350
1849	8	8	19	93	PJ	C	6	ORGROECA	1
1850	8	8	19	93	PJ	C	6	ORGYCEUT	1
1851	8	8	19	93	PJ	D	1	ARGN0101	2
1852	8	8	19	93	PJ	D	1	ARLYPA02	3
1853	8	8	19	93	PJ	D	1	CH010101	2
1854	8	8	19	93	PJ	D	1	COCICI01	1
1855	8	8	19	93	PJ	D	1	COEL0101	13
1856	8	8	19	93	PJ	D	1	COSC0105	3
1857	8	8	19	93	PJ	D	1	COSC0108	1
1858	8	8	19	93	PJ	D	1	COTEELEX	1
1859	8	8	19	93	PJ	D	1	COTEELOB	3
1860	8	8	19	93	PJ	D	1	DIMAYESO	1
1861	8	8	19	93	PJ	D	1	ORACMEOC	2
1862	8	8	19	93	PJ	D	1	ORGRGR01	2
1863	8	8	19	93	PJ	D	1	ORGYCEUT	6
1864	8	8	19	93	PJ	D	2	ARGN0101	1
1865	8	8	19	93	PJ	D	2	COEL0101	15
1866	8	8	19	93	PJ	D	2	COSC0105	1
1867	8	8	19	93	PJ	D	2	COTEELOB	2
1868	8	8	19	93	PJ	D	2	ORGRCY01	1
1869	8	8	19	93	PJ	D	2	ORGYCEUT	2
1870	8	8	19	93	PJ	D	2	ORGYSTFU	1
1871	8	8	19	93	PJ	D	2	SO010101	1
1872	8	8	19	93	PJ	D	3	ARLYPA02	1
1873	8	8	19	93	PJ	D	3	COCICI01	1
1874	8	8	19	93	PJ	D	3	COSC0105	3
1875	8	8	19	93	PJ	D	3	COTEELEX	3
1876	8	8	19	93	PJ	D	3	COTEELOB	1
1877	8	8	19	93	PJ	D	3	HYVEVE01	1
1878	8	8	19	93	PJ	D	3	MIME0101	6
1879	8	8	19	93	PJ	D	4	ARLYPA02	1
1880	8	8	19	93	PJ	D	4	COEL0101	13
1881	8	8	19	93	PJ	D	4	COSC0105	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1882	8	8	19	93	PJ	D	4	COTEELEX	1
1883	8	8	19	93	PJ	D	4	ORGYSTFU	1
1884	8	8	19	93	PJ	D	5	COSC0105	2
1885	8	8	19	93	PJ	D	5	COTEELEX	2
1886	8	8	19	93	PJ	D	5	ORACMESP	1
1887	8	8	19	93	PJ	D	5	ORGRGR01	2
1888	8	8	19	93	PJ	D	5	ORGYSTFU	1
1889	8	8	19	93	PJ	D	6	COCACYPU	1
1890	8	8	19	93	PJ	D	6	COCICI01	1
1891	8	8	19	93	PJ	D	6	COELO101	3
1892	8	8	19	93	PJ	D	6	COTEELEX	1
1893	8	8	19	93	PJ	D	6	COTEEL0B	2
1894	8	8	19	93	PJ	D	6	DIMAYESO	1
1895	8	8	19	93	PJ	D	6	HELYLY01	1
1896	8	8	19	93	PJ	D	6	HYPO0101	1
1897	8	8	19	93	PJ	D	6	ORACMESP	4
1898	8	8	19	93	PJ	D	6	ORGRGR01	5
1899	8	8	19	93	PJ	D	6	ORGYCEUT	15
1900	8	8	19	93	PJ	E	1	ARGN0101	3
1901	8	8	19	93	PJ	E	1	ARLYPA02	1
1902	8	8	19	93	PJ	E	1	COCARHUM	2
1903	8	8	19	93	PJ	E	1	COSC0106	1
1904	8	8	19	93	PJ	E	1	COTEEL0B	2
1905	8	8	19	93	PJ	E	1	MIME0101	500
1906	8	8	19	93	PJ	E	1	ORGROECA	2
1907	8	8	19	93	PJ	E	2	ARLYPA02	2
1908	8	8	19	93	PJ	E	2	COTEEL0B	1
1909	8	8	19	93	PJ	E	2	DIMAYESO	1
1910	8	8	19	93	PJ	E	2	HYPO0101	4
1911	8	8	19	93	PJ	E	2	ORGRCY01	1
1912	8	8	19	93	PJ	E	2	ORGRGR01	1
1913	8	8	19	93	PJ	E	2	ORGYCEUT	5
1914	8	8	19	93	PJ	E	2	ORGYSTFU	2
1915	8	8	19	93	PJ	E	2	SO010101	2
1916	8	8	19	93	PJ	E	3	ARGN0101	1
1917	8	8	19	93	PJ	E	3	COCARHUM	1
1918	8	8	19	93	PJ	E	3	COSC0106	1
1919	8	8	19	93	PJ	E	3	COTEELEX	2
1920	8	8	19	93	PJ	E	3	ORGYCEUT	2
1921	8	8	19	93	PJ	E	3	ORGYSTFU	1
1922	8	8	19	93	PJ	E	3	SO010101	1
1923	8	8	19	93	PJ	E	4	ARGN0101	2
1924	8	8	19	93	PJ	E	4	COCARHUM	1
1925	8	8	19	93	PJ	E	4	COSC0107	1
1926	8	8	19	93	PJ	E	4	COTEELEX	1
1927	8	8	19	93	PJ	E	4	MIME0101	20
1928	8	8	19	93	PJ	E	4	ORGRCY01	1
1929	8	8	19	93	PJ	E	4	ORGRGR01	1
1930	8	8	19	93	PJ	E	4	ORGYCEUT	2
1931	8	8	19	93	PJ	E	5	ARGN0103	2
1932	8	8	19	93	PJ	E	5	COTEEL0B	3
1933	8	8	19	93	PJ	E	5	MIME0101	30
1934	8	8	19	93	PJ	E	5	OP010103	1
1935	8	8	19	93	PJ	E	5	ORGRGR01	1
1936	8	8	19	93	PJ	E	5	ORGYCEUT	1
1937	8	8	19	93	PJ	E	6	COTEEL0B	3
1938	8	8	18	93	PP	A	1	ARGN0101	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1939	8	8	18	93	PP	A	1	ARLYPA01	1
1940	8	8	18	93	PP	A	1	ARLYPA02	2
1941	8	8	18	93	PP	A	1	CH010101	2
1942	8	8	18	93	PP	A	1	COCA0102	3
1943	8	8	18	93	PP	A	1	COST0103	8
1944	8	8	18	93	PP	A	1	OP010103	1
1945	8	8	18	93	PP	A	1	ORGYCEUT	3
1946	8	8	18	93	PP	A	2	ARGN0101	5
1947	8	8	18	93	PP	A	2	ARLYPA01	1
1948	8	8	18	93	PP	A	2	ARLYPA04	1
1949	8	8	18	93	PP	A	2	COCR0102	80
1950	8	8	18	93	PP	A	2	COST0103	3
1951	8	8	18	93	PP	A	2	MIME0101	1
1952	8	8	18	93	PP	A	2	ORGYCEUT	1
1953	8	8	18	93	PP	A	3	ARLY0103	1
1954	8	8	18	93	PP	A	3	ARLYPA01	4
1955	8	8	18	93	PP	A	3	ARLYPA04	1
1956	8	8	18	93	PP	A	3	CH010101	1
1957	8	8	18	93	PP	A	3	COCR0102	18
1958	8	8	18	93	PP	A	3	COST0112	1
1959	8	8	18	93	PP	A	4	AR010101	1
1960	8	8	18	93	PP	A	4	ARCL0105	1
1961	8	8	18	93	PP	A	4	ARLYPA01	3
1962	8	8	18	93	PP	A	4	CH010101	1
1963	8	8	18	93	PP	A	4	CO010126	1
1964	8	8	18	93	PP	A	4	COCR0102	22
1965	8	8	18	93	PP	A	4	COST0103	19
1966	8	8	18	93	PP	A	4	DI010101	1
1967	8	8	18	93	PP	A	4	HYVEVE01	4
1968	8	8	18	93	PP	A	4	OP010103	2
1969	8	8	18	93	PP	A	4	ORACCHCU	1
1970	8	8	18	93	PP	A	4	ORGYCEUT	6
1971	8	8	18	93	PP	A	5	ARGN0101	2
1972	8	8	18	93	PP	A	5	ARLYPA01	2
1973	8	8	18	93	PP	A	5	ARLYPA04	1
1974	8	8	18	93	PP	A	5	CH010101	2
1975	8	8	18	93	PP	A	5	COCR0102	10
1976	8	8	18	93	PP	A	5	COST0103	8
1977	8	8	18	93	PP	A	5	HYVEVE01	2
1978	8	8	18	93	PP	A	5	ORGYCEUT	10
1979	8	8	18	93	PP	A	6	COCR0102	116
1980	8	8	18	93	PP	A	6	COST0103	3
1981	8	8	18	93	PP	A	6	ORACCHCU	1
1982	8	8	18	93	PP	B	1	ARGN0107	1
1983	8	8	18	93	PP	B	1	ARLYPA01	1
1984	8	8	18	93	PP	B	1	CO010129	1
1985	8	8	18	93	PP	B	1	CO010130	1
1986	8	8	18	93	PP	B	1	COCA0112	1
1987	8	8	18	93	PP	B	1	COCARHUM	1
1988	8	8	18	93	PP	B	1	COCR0102	19
1989	8	8	18	93	PP	B	1	COCR0102	16
1990	8	8	18	93	PP	B	1	COCR0102	3
1991	8	8	18	93	PP	B	1	COCU0104	1
1992	8	8	18	93	PP	B	1	COCU0104	1
1993	8	8	18	93	PP	B	1	COST0103	1
1994	8	8	18	93	PP	B	1	HELY0108	1
1995	8	8	18	93	PP	B	2	ARGN0101	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
1996	8	8	18	93	PP	B	2	ARGN0102	1
1997	8	8	18	93	PP	B	2	ARGN0107	4
1998	8	8	18	93	PP	B	2	ARLYPA01	1
1999	8	8	18	93	PP	B	2	CO010120	1
2000	8	8	18	93	PP	B	2	COCA0112	1
2001	8	8	18	93	PP	B	2	COCACATA	1
2002	8	8	18	93	PP	B	2	COCACYCR	2
2003	8	8	18	93	PP	B	2	COCR0102	96
2004	8	8	18	93	PP	B	2	COEL0104	1
2005	8	8	18	93	PP	B	2	COST0103	9
2006	8	8	18	93	PP	B	2	HELYLY01	1
2007	8	8	18	93	PP	B	2	HYPO0101	1
2008	8	8	18	93	PP	B	2	HYVEVE01	24
2009	8	8	18	93	PP	B	2	OP010103	2
2010	8	8	18	93	PP	B	2	ORGYCEUT	18
2011	8	8	18	93	PP	B	3	ARLYPA02	1
2012	8	8	18	93	PP	B	3	ARLYPA04	3
2013	8	8	18	93	PP	B	3	COCR0102	353
2014	8	8	18	93	PP	B	3	COSC0110	1
2015	8	8	18	93	PP	B	4	ARLYPA02	2
2016	8	8	18	93	PP	B	4	ARLYPA04	2
2017	8	8	18	93	PP	B	4	ARTH0105	1
2018	8	8	18	93	PP	B	4	COCACATA	4
2019	8	8	18	93	PP	B	4	COCARHUM	1
2020	8	8	18	93	PP	B	4	COCU0112	1
2021	8	8	18	93	PP	B	4	HYVEVE01	7
2022	8	8	18	93	PP	B	4	OP010103	8
2023	8	8	18	93	PP	B	4	ORGYCEUT	17
2024	8	8	18	93	PP	B	5	ARGN0101	1
2025	8	8	18	93	PP	B	5	COEL0103	1
2026	8	8	18	93	PP	B	6	ARGN0101	1
2027	8	8	18	93	PP	B	6	ARLY0101	3
2028	8	8	18	93	PP	B	6	ARLYPA04	3
2029	8	8	18	93	PP	B	6	COCA0112	1
2030	8	8	18	93	PP	B	6	COCACATA	1
2031	8	8	18	93	PP	B	6	COCR0102	211
2032	8	8	18	93	PP	B	6	HYVEVE01	2
2033	8	8	18	93	PP	B	6	ORGYCEUT	3
2034	8	8	28	93	PP	C	1	AR010118	1
2035	8	8	28	93	PP	C	1	ARLYPA01	1
2036	8	8	28	93	PP	C	1	ARLYPA04	1
2037	8	8	28	93	PP	C	1	CO010130	1
2038	8	8	28	93	PP	C	1	COCAPTLU	1
2039	8	8	28	93	PP	C	1	COCR0102	82
2040	8	8	28	93	PP	C	1	HELY0103	1
2041	8	8	28	93	PP	C	1	HYVEVE01	49
2042	8	8	28	93	PP	C	1	OP010103	3
2043	8	8	28	93	PP	C	1	ORGYCEUT	1
2044	8	8	28	93	PP	C	2	ARLYPA04	1
2045	8	8	28	93	PP	C	2	CO010225	1
2046	8	8	28	93	PP	C	2	COCR0102	173
2047	8	8	28	93	PP	C	2	COST0103	7
2048	8	8	28	93	PP	C	2	ORGYCEUT	3
2049	8	8	28	93	PP	C	3	ARLYPA01	2
2050	8	8	28	93	PP	C	3	CO010130	1
2051	8	8	28	93	PP	C	3	COCR0102	43
2052	8	8	28	93	PP	C	3	COST0103	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2053	8	8	28	93	PP	C	3	COST0112	2
2054	8	8	28	93	PP	C	3	ORGYCEUT	1
2055	8	8	28	93	PP	C	4	ARCL0104	1
2056	8	8	28	93	PP	C	4	ARGN0101	3
2057	8	8	28	93	PP	C	4	ARLYPA01	2
2058	8	8	28	93	PP	C	4	COST0103	2
2059	8	8	28	93	PP	C	4	HYVEVE01	3
2060	8	8	28	93	PP	C	4	ORGYCEUT	1
2061	8	8	28	93	PP	C	5	ARLYPA01	1
2062	8	8	28	93	PP	C	5	COST0103	1
2063	8	8	28	93	PP	C	5	HYVEVE01	4
2064	8	8	28	93	PP	C	5	ORGYCEUT	3
2065	8	8	28	93	PP	C	6	ARGN0101	2
2066	8	8	28	93	PP	C	6	CO010115	2
2067	8	8	28	93	PP	C	6	HYPO0101	1
2068	8	8	28	93	PP	C	6	HYVEVE01	6
2069	8	8	28	93	PP	C	6	ORGYCEUT	7
2070	8	8	28	93	PP	D	1	ARCL0104	1
2071	8	8	28	93	PP	D	1	ARGN0101	1
2072	8	8	28	93	PP	D	1	ARLYPA01	2
2073	8	8	28	93	PP	D	1	ARLYPA04	1
2074	8	8	28	93	PP	D	1	CO010130	1
2075	8	8	28	93	PP	D	1	COCA0112	2
2076	8	8	28	93	PP	D	1	COCR0102	23
2077	8	8	28	93	PP	D	1	HYVEVE01	2
2078	8	8	28	93	PP	D	1	MIME0101	1
2079	8	8	28	93	PP	D	1	ORGYCEUT	6
2080	8	8	28	93	PP	D	1	ORGYSTNE	1
2081	8	8	28	93	PP	D	2	ARGN0101	1
2082	8	8	28	93	PP	D	2	ARLYPA01	6
2083	8	8	28	93	PP	D	2	COCA0112	6
2084	8	8	28	93	PP	D	2	COCR0102	22
2085	8	8	28	93	PP	D	2	COCR0105	1
2086	8	8	28	93	PP	D	2	COST0103	3
2087	8	8	28	93	PP	D	2	COST0112	2
2088	8	8	28	93	PP	D	2	HYVEVE01	6
2089	8	8	28	93	PP	D	2	OP010103	1
2090	8	8	28	93	PP	D	2	ORGYCEUT	2
2091	8	8	28	93	PP	D	3	ARGN0101	1
2092	8	8	28	93	PP	D	3	ARLYPA01	12
2093	8	8	28	93	PP	D	3	ARTH0101	1
2094	8	8	28	93	PP	D	3	CH010101	4
2095	8	8	28	93	PP	D	3	COCR0102	9
2096	8	8	28	93	PP	D	3	COST0103	3
2097	8	8	28	93	PP	D	3	HYVEVE01	5
2098	8	8	28	93	PP	D	3	MIME0101	1
2099	8	8	28	93	PP	D	3	ORGYCEUT	1
2100	8	8	28	93	PP	D	4	ARLYPA01	6
2101	8	8	28	93	PP	D	4	ARLYPA04	2
2102	8	8	28	93	PP	D	4	ARTH0101	1
2103	8	8	28	93	PP	D	4	CH010101	1
2104	8	8	28	93	PP	D	4	COCA0112	2
2105	8	8	28	93	PP	D	4	COCR0102	11
2106	8	8	28	93	PP	D	4	COST0103	1
2107	8	8	28	93	PP	D	4	HYVEVE01	2
2108	8	8	28	93	PP	D	4	MIME0101	1
2109	8	8	28	93	PP	D	4	ORGYCEUT	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2110	8	8	28	93	PP	D	5	ARLYPA01	4
2111	8	8	28	93	PP	D	5	COCA0112	2
2112	8	8	28	93	PP	D	5	COCR0102	22
2113	8	8	28	93	PP	D	5	DI010101	1
2114	8	8	28	93	PP	D	5	ORGYCEUT	2
2115	8	8	28	93	PP	D	6	ARCL0104	1
2116	8	8	28	93	PP	D	6	ARLYPA01	2
2117	8	8	28	93	PP	D	6	ARTH0104	2
2118	8	8	28	93	PP	D	6	CH010101	1
2119	8	8	28	93	PP	D	6	COCA0112	1
2120	8	8	28	93	PP	D	6	COCR0102	4
2121	8	8	28	93	PP	D	6	COST0112	1
2122	8	8	28	93	PP	D	6	HYVEVE01	13
2123	8	8	28	93	PP	D	6	ORGYCEUT	2
2124	8	8	28	93	PP	E	1	ARGN0107	2
2125	8	8	28	93	PP	E	1	ARLYPA01	1
2126	8	8	28	93	PP	E	1	COCR0102	15
2127	8	8	28	93	PP	E	1	MIME0101	2
2128	8	8	28	93	PP	E	2	ARLYPA01	8
2129	8	8	28	93	PP	E	2	COCA0112	8
2130	8	8	28	93	PP	E	2	COCR0102	3
2131	8	8	28	93	PP	E	2	COSC0101	1
2132	8	8	28	93	PP	E	2	COTEEL08	1
2133	8	8	28	93	PP	E	2	DI010101	3
2134	8	8	28	93	PP	E	2	HYVEVE01	10
2135	8	8	28	93	PP	E	2	ORGYCEUT	35
2136	8	8	28	93	PP	E	2	SO010101	1
2137	8	8	28	93	PP	E	3	ARLYPA01	1
2138	8	8	28	93	PP	E	3	COCA0112	1
2139	8	8	28	93	PP	E	3	COCR0102	58
2140	8	8	28	93	PP	E	3	COCR0105	2
2141	8	8	28	93	PP	E	3	ORGYCEUT	5
2142	8	8	28	93	PP	E	4	ARCL0104	3
2143	8	8	28	93	PP	E	4	ARGN0101	1
2144	8	8	28	93	PP	E	4	ARGN0107	1
2145	8	8	28	93	PP	E	4	ARLYPA01	1
2146	8	8	28	93	PP	E	4	ARTH0101	3
2147	8	8	28	93	PP	E	4	COST0103	1
2148	8	8	28	93	PP	E	4	COTEELEX	1
2149	8	8	28	93	PP	E	4	HYVEVE01	1
2150	8	8	28	93	PP	E	5	ARLYPA01	6
2151	8	8	28	93	PP	E	5	COCA0112	2
2152	8	8	28	93	PP	E	5	COTEELEX	1
2153	8	8	28	93	PP	E	5	MIME0101	3
2154	8	8	28	93	PP	E	5	ORGYCEUT	9
2155	8	8	28	93	PP	E	6	ARCL0104	2
2156	8	8	28	93	PP	E	6	ARGN0101	1
2157	8	8	28	93	PP	E	6	ARGN0107	1
2158	8	8	28	93	PP	E	6	ARLYPA01	5
2159	8	8	28	93	PP	E	6	ARLYPA04	3
2160	8	8	28	93	PP	E	6	COCA0112	3
2161	8	8	28	93	PP	E	6	DI010101	1
2162	8	8	28	93	PP	E	6	HYVEVE01	5
2163	8	8	28	93	PP	E	6	ORGYCEUT	24
2164	10	9	28	93	MC	A	1	ARGN0103	7
2165	10	9	28	93	MC	A	1	COCACHTO	1
2166	10	9	28	93	MC	A	1	COCARHUM	112

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2167	10	9	28	93	MC	A	1	HYVEVE01	1
2168	10	9	28	93	MC	A	1	OP010103	12
2169	10	9	28	93	MC	A	1	ORGYCEUT	5
2170	10	9	28	93	MC	A	2	ARGN0103	3
2171	10	9	28	93	MC	A	2	COCARHUM	13
2172	10	9	28	93	MC	A	2	DI010101	1
2173	10	9	28	93	MC	A	2	HELY0103	3
2174	10	9	28	93	MC	A	2	ORGYCEUT	1
2175	10	9	28	93	MC	A	3	ARGN0103	6
2176	10	9	28	93	MC	A	3	COCARHUM	12
2177	10	9	28	93	MC	A	3	HELY0103	8
2178	10	9	28	93	MC	A	3	OP010103	3
2179	10	9	28	93	MC	A	3	ORGYCEUT	2
2180	10	9	28	93	MC	A	4	ARGN0103	3
2181	10	9	28	93	MC	A	4	CH010103	1
2182	10	9	28	93	MC	A	4	COCACATA	1
2183	10	9	28	93	MC	A	4	COCARHUM	144
2184	10	9	28	93	MC	A	4	HELY0103	3
2185	10	9	28	93	MC	A	4	HYVEVE01	2
2186	10	9	28	93	MC	A	4	HYVEVE01	1
2187	10	9	28	93	MC	A	4	OP010103	17
2188	10	9	28	93	MC	A	4	ORGYCEUT	29
2189	10	9	28	93	MC	A	5	ARGN0103	11
2190	10	9	28	93	MC	A	5	CH010101	1
2191	10	9	28	93	MC	A	5	COCARHUM	14
2192	10	9	28	93	MC	A	5	HELY0103	11
2193	10	9	28	93	MC	A	5	HELY0103	1
2194	10	9	28	93	MC	A	5	HYVEVE01	1
2195	10	9	28	93	MC	A	5	OP010103	1
2196	10	9	28	93	MC	A	5	OP010105	1
2197	10	9	28	93	MC	A	5	ORGYCEUT	3
2198	10	9	28	93	MC	A	6	ARGN0103	7
2199	10	9	28	93	MC	A	6	ARLY0103	1
2200	10	9	28	93	MC	A	6	ARLYPA02	2
2201	10	9	28	93	MC	A	6	CH010101	1
2202	10	9	28	93	MC	A	6	COCACATA	1
2203	10	9	28	93	MC	A	6	COCARHUM	6
2204	10	9	28	93	MC	A	6	HYVEVE01	6
2205	10	9	28	93	MC	A	6	OP010103	11
2206	10	9	28	93	MC	A	6	ORGYCEUT	8
2207	10	9	28	93	MC	B	1	ARGN0103	4
2208	10	9	28	93	MC	B	1	CH010101	2
2209	10	9	28	93	MC	B	1	COCACATA	1
2210	10	9	28	93	MC	B	1	COCARHUM	1
2211	10	9	28	93	MC	B	1	DI010101	2
2212	10	9	28	93	MC	B	1	HELY0103	3
2213	10	9	28	93	MC	B	1	HYVEVE01	13
2214	10	9	28	93	MC	B	1	OP010103	2
2215	10	9	28	93	MC	B	1	ORGYCEUT	1
2216	10	9	28	93	MC	B	2	ARGN0103	6
2217	10	9	28	93	MC	B	2	COCARHUM	6
2218	10	9	28	93	MC	B	2	HELY0103	1
2219	10	9	28	93	MC	B	2	HY010103	1
2220	10	9	28	93	MC	B	2	HYVEVE01	3
2221	10	9	28	93	MC	B	2	OP010103	12
2222	10	9	28	93	MC	B	2	ORGYCEUT	2
2223	10	9	28	93	MC	B	3	ARGN0103	5

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2395	10	9	28	93	MC	F	3	COCAPTLU	7
2396	10	9	28	93	MC	F	3	COST0103	3
2397	10	9	28	93	MC	F	3	MIME0104	1
2398	10	9	28	93	MC	F	3	OP010103	17
2399	10	9	28	93	MC	F	3	ORGYCEUT	27
2400	10	9	28	93	MC	F	4	AR010103	1
2401	10	9	28	93	MC	F	4	ARCL0103	4
2402	10	9	28	93	MC	F	4	ARLYPA02	1
2403	10	9	28	93	MC	F	4	CH010101	2
2404	10	9	28	93	MC	F	4	COCACATA	2
2405	10	9	28	93	MC	F	4	COCAPTLU	46
2406	10	9	28	93	MC	F	4	COCR0102	2
2407	10	9	28	93	MC	F	4	COST0103	3
2408	10	9	28	93	MC	F	4	COST0112	2
2409	10	9	28	93	MC	F	4	HELY0103	2
2410	10	9	28	93	MC	F	4	OP010103	4
2411	10	9	28	93	MC	F	4	OP010104	1
2412	10	9	28	93	MC	F	4	ORGYCEUT	11
2413	10	9	28	93	MC	F	5	AR010105	3
2414	10	9	28	93	MC	F	5	ARCL0103	11
2415	10	9	28	93	MC	F	5	COCACATA	1
2416	10	9	28	93	MC	F	5	COCAPTLU	6
2417	10	9	28	93	MC	F	5	COCARHUM	1
2418	10	9	28	93	MC	F	5	COST0112	5
2419	10	9	28	93	MC	F	5	HELY0103	1
2420	10	9	28	93	MC	F	5	HYVEVE01	1
2421	10	9	28	93	MC	F	5	OP010103	5
2422	10	9	28	93	MC	F	5	OP010104	2
2423	10	9	28	93	MC	F	5	ORGYCEUT	31
2424	10	9	28	93	MC	F	6	ARCL0103	2
2425	10	9	28	93	MC	F	6	ARCL0103	6
2426	10	9	28	93	MC	F	6	ARLYPA01	1
2427	10	9	28	93	MC	F	6	ARLYPA01	1
2428	10	9	28	93	MC	F	6	CH010101	2
2429	10	9	28	93	MC	F	6	COCACATA	1
2430	10	9	28	93	MC	F	6	COCAPTLU	6
2431	10	9	28	93	MC	F	6	COCAPTLU	10
2432	10	9	28	93	MC	F	6	COST0103	3
2433	10	9	28	93	MC	F	6	COST0103	9
2434	10	9	28	93	MC	F	6	COST0112	2
2435	10	9	28	93	MC	F	6	HELY0103	6
2436	10	9	28	93	MC	F	6	HELY0103	6
2437	10	9	28	93	MC	F	6	HYVEVE01	2
2438	10	9	28	93	MC	F	6	HYVEVE01	5
2439	10	9	28	93	MC	F	6	OP010103	8
2440	10	9	28	93	MC	F	6	OP010103	5
2441	10	9	28	93	MC	F	6	OP010104	1
2442	10	9	28	93	MC	F	6	ORGYCEUT	40
2443	10	9	28	93	MC	F	6	ORGYCEUT	16
2444	10	10	7	93	PJ	A	1	ARTH0103	1
2445	10	10	7	93	PJ	A	1	COEL0101	1
2446	10	10	7	93	PJ	A	1	COSC0105	1
2447	10	10	7	93	PJ	A	1	ORGR01	2
2448	10	10	7	93	PJ	A	1	ORGR01	6
2449	10	10	7	93	PJ	A	1	SO010101	1
2450	10	10	7	93	PJ	A	2	ARGN0101	1
2451	10	10	7	93	PJ	A	2	OP010103	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2452	10	10	7	93	PJ	A	2	ORACPSTE	1
2453	10	10	7	93	PJ	A	2	ORGRCY01	1
2454	10	10	7	93	PJ	A	3	COSC0106	1
2455	10	10	7	93	PJ	A	3	ORGRCY01	1
2456	10	10	7	93	PJ	A	4	ARTRLAHE	1
2457	10	10	7	93	PJ	A	4	CH010101	1
2458	10	10	7	93	PJ	A	4	MIME0101	15
2459	10	10	7	93	PJ	A	4	ORGROECA	2
2460	10	10	7	93	PJ	A	4	ORGYSTFU	1
2461	10	10	7	93	PJ	A	5	CH010101	1
2462	10	10	7	93	PJ	A	5	MIME0101	6
2463	10	10	7	93	PJ	A	6	ARGN0101	4
2464	10	10	7	93	PJ	A	6	ARLY0103	1
2465	10	10	7	93	PJ	A	6	COSC0105	1
2466	10	10	7	93	PJ	A	6	COTEEL0B	1
2467	10	10	7	93	PJ	A	6	DI010101	8
2468	10	10	7	93	PJ	A	6	MIME0101	14
2469	10	10	7	93	PJ	A	6	OP010101	3
2470	10	10	7	93	PJ	A	6	ORGRGR01	1
2471	10	10	7	93	PJ	A	6	SO010101	1
2472	10	10	7	93	PJ	B	1	ARGN0101	3
2473	10	10	7	93	PJ	B	1	ARGN0103	2
2474	10	10	7	93	PJ	B	1	ARLY0103	1
2475	10	10	7	93	PJ	B	1	COSC0107	1
2476	10	10	7	93	PJ	B	1	DIMAYESO	2
2477	10	10	7	93	PJ	B	1	MIME0101	3
2478	10	10	7	93	PJ	B	1	OP010105	5
2479	10	10	7	93	PJ	B	1	ORGYSTFU	2
2480	10	10	7	93	PJ	B	2	ARTRLAHE	1
2481	10	10	7	93	PJ	B	2	CH010101	1
2482	10	10	7	93	PJ	B	2	COSC0105	1
2483	10	10	7	93	PJ	B	2	ORGRCY01	4
2484	10	10	7	93	PJ	B	2	ORGRGR01	1
2485	10	10	7	93	PJ	B	2	ORGROECA	1
2486	10	10	7	93	PJ	B	3	COTEEL0B	1
2487	10	10	7	93	PJ	B	4	ARGN0101	1
2488	10	10	7	93	PJ	B	4	COCARHUM	1
2489	10	10	7	93	PJ	B	4	MIME0103	5
2490	10	10	7	93	PJ	B	4	ORGRCY01	2
2491	10	10	7	93	PJ	B	5	ARGN0103	1
2492	10	10	7	93	PJ	B	5	OP010103	1
2493	10	10	7	93	PJ	B	5	ORGRCY01	2
2494	10	10	7	93	PJ	B	5	ORGYSTFU	1
2495	10	10	7	93	PJ	B	6	ARGN0101	2
2496	10	10	7	93	PJ	B	6	ARGN0103	3
2497	10	10	7	93	PJ	B	6	ARLY0103	1
2498	10	10	7	93	PJ	B	6	DIMAYESO	1
2499	10	10	7	93	PJ	B	6	MIME0101	8
2500	10	10	7	93	PJ	B	6	OP010103	39
2501	10	10	7	93	PJ	B	6	ORACCAPE	1
2502	10	10	7	93	PJ	B	6	ORGRCY01	3
2503	10	10	7	93	PJ	C	1	DI010101	1
2504	10	10	7	93	PJ	C	1	MIME0101	22
2505	10	10	7	93	PJ	C	1	OP010103	1
2506	10	10	7	93	PJ	C	1	ORGRCY01	1
2507	10	10	7	93	PJ	C	2	CH010101	1
2508	10	10	7	93	PJ	C	2	COTEEL0B	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2509	10	10	7	93	PJ	C	2	MIME0101	4
2510	10	10	7	93	PJ	C	2	MIME0103	2
2511	10	10	7	93	PJ	C	2	OP010103	13
2512	10	10	7	93	PJ	C	2	ORACMEAR	1
2513	10	10	7	93	PJ	C	2	ORACMEOC	1
2514	10	10	7	93	PJ	C	2	ORGRCY01	12
2515	10	10	7	93	PJ	C	2	ORGRGR01	2
2516	10	10	7	93	PJ	C	2	ORGYSTFU	1
2517	10	10	7	93	PJ	C	3	ARGN0103	1
2518	10	10	7	93	PJ	C	3	COSC0106	1
2519	10	10	7	93	PJ	C	3	MIME0101	5
2520	10	10	7	93	PJ	C	3	MIME0103	3
2521	10	10	7	93	PJ	C	3	ORGRCY01	1
2522	10	10	7	93	PJ	C	4	ARGN0101	3
2523	10	10	7	93	PJ	C	4	COSC0105	1
2524	10	10	7	93	PJ	C	4	MIME0101	1
2525	10	10	7	93	PJ	C	4	OP010101	1
2526	10	10	7	93	PJ	C	4	ORGRCY01	10
2527	10	10	7	93	PJ	C	5	CH010101	1
2528	10	10	7	93	PJ	C	5	COCARHUM	1
2529	10	10	7	93	PJ	C	5	MIME0101	2
2530	10	10	7	93	PJ	C	5	OP010101	1
2531	10	10	7	93	PJ	C	6	ARLYPA02	1
2532	10	10	7	93	PJ	C	6	COCARHUM	1
2533	10	10	7	93	PJ	C	6	HYVEVE01	1
2534	10	10	7	93	PJ	C	6	MIME0101	7
2535	10	10	7	93	PJ	C	6	ORGROECA	1
2536	10	10	7	93	PJ	D	1	ARLYPA02	2
2537	10	10	7	93	PJ	D	1	ARTRLAHE	1
2538	10	10	7	93	PJ	D	1	CH010101	2
2539	10	10	7	93	PJ	D	1	COCU0106	1
2540	10	10	7	93	PJ	D	1	COEL0101	3
2541	10	10	7	93	PJ	D	1	COSC0106	3
2542	10	10	7	93	PJ	D	1	COTEELOB	1
2543	10	10	7	93	PJ	D	1	DI010101	1
2544	10	10	7	93	PJ	D	1	MIME0103	2
2545	10	10	7	93	PJ	D	1	ORGRCY01	2
2546	10	10	7	93	PJ	D	1	ORGRGR01	2
2547	10	10	7	93	PJ	D	1	SO010101	1
2548	10	10	7	93	PJ	D	2	ARGN0103	1
2549	10	10	7	93	PJ	D	2	ARTRLAHE	1
2550	10	10	7	93	PJ	D	2	COCACYPU	2
2551	10	10	7	93	PJ	D	2	COEL0101	2
2552	10	10	7	93	PJ	D	2	COTEELEX	1
2553	10	10	7	93	PJ	D	2	DI010101	2
2554	10	10	7	93	PJ	D	2	DIMAYESO	1
2555	10	10	7	93	PJ	D	2	MIME0103	1
2556	10	10	7	93	PJ	D	2	ORGRCY01	2
2557	10	10	7	93	PJ	D	2	ORGRGR01	4
2558	10	10	7	93	PJ	D	3	ARLYPA02	1
2559	10	10	7	93	PJ	D	3	COCACYPU	2
2560	10	10	7	93	PJ	D	3	COEL0101	1
2561	10	10	7	93	PJ	D	3	COSC0105	1
2562	10	10	7	93	PJ	D	3	HYVEVE01	1
2563	10	10	7	93	PJ	D	3	ORACPSTE	1
2564	10	10	7	93	PJ	D	3	ORGYCEUT	2
2565	10	10	7	93	PJ	D	4	ARLY0103	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2566	10	10	7	93	PJ	D	4	COCACYPU	1
2567	10	10	7	93	PJ	D	4	COEL0101	1
2568	10	10	7	93	PJ	D	4	COSC0105	1
2569	10	10	7	93	PJ	D	4	COTEELOB	1
2570	10	10	7	93	PJ	D	4	HYAN0101	1
2571	10	10	7	93	PJ	D	4	ORACCAPE	5
2572	10	10	7	93	PJ	D	4	ORGRCY01	1
2573	10	10	7	93	PJ	D	5	ARGN0103	1
2574	10	10	7	93	PJ	D	5	MIME0101	1
2575	10	10	7	93	PJ	D	5	ORACCAPE	2
2576	10	10	7	93	PJ	D	5	ORGYCE01	1
2577	10	10	7	93	PJ	D	6	CH010101	1
2578	10	10	7	93	PJ	D	6	COCACYPU	1
2579	10	10	7	93	PJ	D	6	COSC0105	5
2580	10	10	7	93	PJ	D	6	COTEELOB	2
2581	10	10	7	93	PJ	D	6	MIME0101	1
2582	10	10	7	93	PJ	D	6	ORACCAPE	2
2583	10	10	7	93	PJ	D	6	ORGRCY01	5
2584	10	10	7	93	PJ	D	6	ORGYCEUT	1
2585	10	10	7	93	PJ	E	1	ARGN0103	2
2586	10	10	7	93	PJ	E	1	DI010101	6
2587	10	10	7	93	PJ	E	1	MIME0101	40
2588	10	10	7	93	PJ	E	2	ARLYPA03	1
2589	10	10	7	93	PJ	E	2	COTEELOB	1
2590	10	10	7	93	PJ	E	2	DI010101	1
2591	10	10	7	93	PJ	E	2	ORGRGR01	1
2592	10	10	7	93	PJ	E	2	ORGYCEUT	1
2593	10	10	7	93	PJ	E	3	ARLYPA02	1
2594	10	10	7	93	PJ	E	3	DI010101	3
2595	10	10	7	93	PJ	E	3	MIME0101	11
2596	10	10	7	93	PJ	E	3	OP010101	1
2597	11	10	7	93	PJ	E	3	ORACMEAR	1
2598	10	10	7	93	PJ	E	3	ORACMEOC	1
2599	11	10	7	93	PJ	E	3	ORGRGR01	1
2600	11	10	7	93	PJ	E	3	ORGROECA	2
2601	10	10	7	93	PJ	E	3	ORGYCEUT	1
2602	11	10	7	93	PJ	E	4	ARLYPA02	3
2603	11	10	7	93	PJ	E	4	DI010101	3
2604	11	10	7	93	PJ	E	4	MIME0101	5
2605	11	10	7	93	PJ	E	4	OP010103	11
2606	10	10	7	93	PJ	E	4	XXXXXXXXXX	.
2607	11	10	7	93	PJ	E	5	ARGN0103	3
2608	11	10	7	93	PJ	E	5	COSC0105	1
2609	11	10	7	93	PJ	E	5	MIME0101	3
2610	11	10	7	93	PJ	E	5	OP010101	1
2611	10	10	7	93	PJ	E	5	XXXXXXXXXX	.
2612	11	10	7	93	PJ	E	6	ARGN0103	2
2613	11	10	7	93	PJ	E	6	COTEELEX	1
2614	11	10	7	93	PJ	E	6	COTEELOB	1
2615	11	10	7	93	PJ	E	6	HEAL0101	1
2616	11	10	7	93	PJ	E	6	OP010103	21
2617	11	10	7	93	PJ	E	6	ORACTRPA	1
2618	11	10	7	93	PJ	E	6	ORGRCY01	3
2619	11	10	7	93	PJ	E	6	ORGRGR01	2
2620	11	10	7	93	PJ	E	6	ORGYCEUT	12
2621	11	10	7	93	PJ	E	6	SO010101	1
2622	10	10	7	93	PJ	E	6	XXXXXXXXXX	.

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2623	10	10	4	93	PP	A	1	ARCL0104	1
2624	10	10	4	93	PP	A	1	CO010110	1
2625	10	10	4	93	PP	A	1	OP010102	1
2626	10	10	4	93	PP	A	2	ARGN0101	2
2627	10	10	4	93	PP	A	2	DI010101	2
2628	10	10	4	93	PP	A	2	OP010103	2
2629	10	10	4	93	PP	A	2	ORGYCEUT	4
2630	10	10	4	93	PP	A	3	ARGN0101	1
2631	10	10	4	93	PP	A	3	ARGN0101	1
2632	10	10	4	93	PP	A	3	CO010126	1
2633	10	10	4	93	PP	A	3	COST0103	11
2634	10	10	4	93	PP	A	3	COST0103	6
2635	10	10	4	93	PP	A	3	HYVEVE01	2
2636	10	10	4	93	PP	A	3	HYVEVE01	2
2637	10	10	4	93	PP	A	4	ARTH0101	1
2638	10	10	4	93	PP	A	4	COST0103	2
2639	10	10	4	93	PP	A	4	DI010101	1
2640	10	10	4	93	PP	A	4	HYVEVE01	1
2641	10	10	4	93	PP	A	4	ORGYCEUT	1
2642	10	10	4	93	PP	A	5	ARCL0103	1
2643	10	10	4	93	PP	A	5	ARGN0101	1
2644	10	10	4	93	PP	A	5	ARGN0101	1
2645	10	10	4	93	PP	A	5	ARLYPA01	1
2646	10	10	4	93	PP	A	5	ARLYPA01	2
2647	10	10	4	93	PP	A	5	COSC0106	1
2648	10	10	4	93	PP	A	5	COST0112	1
2649	10	10	4	93	PP	A	5	COTEELSP	1
2650	10	10	4	93	PP	A	5	DI010101	3
2651	10	10	4	93	PP	A	5	ORACTRSU	1
2652	10	10	4	93	PP	A	5	ORGYCEUT	3
2653	10	10	4	93	PP	A	5	ORGYCEUT	2
2654	10	10	4	93	PP	A	6	AR010101	1
2655	10	10	4	93	PP	A	6	CO010125	2
2656	10	10	4	93	PP	A	6	COST0103	6
2657	10	10	4	93	PP	A	6	DI010101	1
2658	10	10	4	93	PP	A	6	ORGYCEUT	1
2659	10	10	4	93	PP	A	6	ORGYSTNE	1
2660	10	10	4	93	PP	B	1	ARCL0103	1
2661	10	10	4	93	PP	B	1	ARGN0107	2
2662	10	10	4	93	PP	B	1	ARLYPA01	1
2663	10	10	4	93	PP	B	1	CO010120	3
2664	10	10	4	93	PP	B	1	COACATA	1
2665	10	10	4	93	PP	B	1	COACACYCR	1
2666	10	10	4	93	PP	B	1	COCAPTAD	1
2667	10	10	4	93	PP	B	1	COST0103	65
2668	10	10	4	93	PP	B	1	HYVEVE01	4
2669	10	10	4	93	PP	B	1	ORGYCEUT	3
2670	10	10	4	93	PP	B	2	ARGN0101	1
2671	10	10	4	93	PP	B	2	ARGN0107	2
2672	10	10	4	93	PP	B	2	ARLYPA01	1
2673	10	10	4	93	PP	B	2	ARTH0101	2
2674	10	10	4	93	PP	B	2	COACATA	1
2675	10	10	4	93	PP	B	2	COCARHUM	1
2676	10	10	4	93	PP	B	2	HYVEVE01	8
2677	10	10	4	93	PP	B	2	ORACCHCU	1
2678	10	10	4	93	PP	B	2	ORGYCEUT	13
2679	10	10	4	93	PP	B	2	ORGYSTNE	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2680	10	10	4	93	PP	B	3	ARLY0107	2
2681	10	10	4	93	PP	B	3	ARLYPA01	2
2682	10	10	4	93	PP	B	3	COCACATA	1
2683	10	10	4	93	PP	B	3	COCR0108	1
2684	10	10	4	93	PP	B	3	COCU0112	1
2685	10	10	4	93	PP	B	3	COST0103	9
2686	10	10	4	93	PP	B	3	HYVEVE01	2
2687	10	10	4	93	PP	B	3	ORGYCEUT	1
2688	10	10	4	93	PP	B	4	ARCL0104	1
2689	10	10	4	93	PP	B	4	ARGN0101	1
2690	10	10	4	93	PP	B	4	ARGN0107	4
2691	10	10	4	93	PP	B	4	ARLY0103	1
2692	10	10	4	93	PP	B	4	ARLYPA01	2
2693	10	10	4	93	PP	B	4	COCACATA	7
2694	10	10	4	93	PP	B	4	COCR0102	5
2695	10	10	4	93	PP	B	4	COC0101	1
2696	10	10	4	93	PP	B	4	HYVEVE01	20
2697	10	10	4	93	PP	B	4	ORGYCEUT	15
2698	10	10	4	93	PP	B	5	ARLY0103	1
2699	10	10	4	93	PP	B	5	ARTH0101	1
2700	10	10	4	93	PP	B	5	COCARHUM	1
2701	10	10	4	93	PP	B	5	COST0103	15
2702	10	10	4	93	PP	B	5	HYVEVE01	12
2703	10	10	4	93	PP	B	5	ORGYCEUT	5
2704	10	10	4	93	PP	B	6	ARCL0104	1
2705	10	10	4	93	PP	B	6	ARLY0103	1
2706	10	10	4	93	PP	B	6	COCACATA	1
2707	10	10	4	93	PP	B	6	COCR0108	1
2708	10	10	4	93	PP	B	6	COST0103	15
2709	10	10	4	93	PP	B	6	ORGYCEUT	2
2710	10	10	4	93	PP	C	1	ARGN0107	1
2711	10	10	4	93	PP	C	1	COCR0102	37
2712	10	10	4	93	PP	C	1	COST0103	1
2713	10	10	4	93	PP	C	1	HYVEVE01	22
2714	10	10	4	93	PP	C	1	ORGYCEUT	2
2715	10	10	4	93	PP	C	2	ARCL0104	1
2716	10	10	4	93	PP	C	2	COCR0102	32
2717	10	10	4	93	PP	C	2	COST0103	3
2718	10	10	4	93	PP	C	2	HYVEVE01	4
2719	10	10	4	93	PP	C	2	ORGYCEUT	1
2720	10	10	4	93	PP	C	3	ARCL0104	1
2721	10	10	4	93	PP	C	3	ARLY0103	1
2722	10	10	4	93	PP	C	3	CO010112	1
2723	10	10	4	93	PP	C	3	HYVEVE01	1
2724	10	10	4	93	PP	C	3	OP010103	2
2725	10	10	4	93	PP	C	4	ARGN0101	1
2726	10	10	4	93	PP	C	4	COCR0106	1
2727	10	10	4	93	PP	C	4	COST0103	11
2728	10	10	4	93	PP	C	4	COST0108	1
2729	10	10	4	93	PP	C	5	ARGN0101	1
2730	10	10	4	93	PP	C	5	ARLY0103	1
2731	10	10	4	93	PP	C	5	ARTH0104	1
2732	10	10	4	93	PP	C	5	HYVEVE01	1
2733	10	10	4	93	PP	C	6	CO010120	2
2734	10	10	4	93	PP	C	6	HYVEVE01	3
2735	10	10	4	93	PP	C	6	OP010102	1
2736	10	10	4	93	PP	C	6	OP010103	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2737	10	10	4	93	PP	D	1	ARGN0101	1
2738	10	10	4	93	PP	D	1	ARLYPA01	3
2739	10	10	4	93	PP	D	1	COCA0112	4
2740	10	10	4	93	PP	D	1	COCR0102	2
2741	10	10	4	93	PP	D	1	COST0103	10
2742	10	10	4	93	PP	D	1	HYVEVE01	14
2743	10	10	4	93	PP	D	1	MIME0101	5
2744	10	10	4	93	PP	D	1	ORGYCEUT	4
2745	10	10	4	93	PP	D	2	ARGN0101	3
2746	10	10	4	93	PP	D	2	ARLYPA01	4
2747	10	10	4	93	PP	D	2	COSC0101	1
2748	10	10	4	93	PP	D	2	HYVEVE01	8
2749	10	10	4	93	PP	D	2	MIME0101	1
2750	10	10	4	93	PP	D	2	ORGYCEUT	2
2751	10	10	4	93	PP	D	3	ARGN0101	1
2752	10	10	4	93	PP	D	3	ARLY0101	1
2753	10	10	4	93	PP	D	3	COCARHUM	1
2754	10	10	4	93	PP	D	3	HYVEVE01	3
2755	10	10	4	93	PP	D	3	MIME0101	3
2756	10	10	4	93	PP	D	3	ORGYCEUT	1
2757	10	10	4	93	PP	D	4	ARGN0102	1
2758	10	10	4	93	PP	D	4	ARLYPA01	4
2759	10	10	4	93	PP	D	4	HYVEVE01	13
2760	10	10	4	93	PP	D	4	ORGN0101	4
2761	10	10	4	93	PP	D	4	ORGYCEUT	2
2762	10	10	4	93	PP	D	5	ARCL0104	1
2763	10	10	4	93	PP	D	5	ARLYPA02	1
2764	10	10	4	93	PP	D	5	DI010101	2
2765	10	10	4	93	PP	D	5	HYVEVE01	1
2766	10	10	4	93	PP	D	5	MIME0101	1
2767	10	10	4	93	PP	D	5	ORGYCEUT	1
2768	10	10	4	93	PP	D	6	ARCL0103	1
2769	10	10	4	93	PP	D	6	ARLYPA03	4
2770	10	10	4	93	PP	D	6	CH010101	1
2771	10	10	4	93	PP	D	6	COTEELEX	1
2772	10	10	4	93	PP	D	6	DI010101	1
2773	10	10	4	93	PP	D	6	HYVEVE01	4
2774	10	10	4	93	PP	D	6	ORGYCEUT	2
2775	10	10	4	93	PP	E	1	ARCL0104	2
2776	10	10	4	93	PP	E	1	HYPO0101	3
2777	10	10	4	93	PP	E	1	HYVEVE01	1
2778	10	10	4	93	PP	E	1	MIME0101	1
2779	10	10	4	93	PP	E	2	ARCL0101	1
2780	10	10	4	93	PP	E	2	ARGN0102	1
2781	10	10	4	93	PP	E	2	ARGN0102	1
2782	10	10	4	93	PP	E	2	ARLY0103	1
2783	10	10	4	93	PP	E	2	COCA0112	5
2784	10	10	4	93	PP	E	2	COCARHUM	8
2785	10	10	4	93	PP	E	2	COST0103	1
2786	10	10	4	93	PP	E	2	COST0112	1
2787	10	10	4	93	PP	E	2	COTEEL07	1
2788	10	10	4	93	PP	E	2	HYVEVE01	17
2789	10	10	4	93	PP	E	2	HYVEVE01	8
2790	10	10	4	93	PP	E	2	MIME0101	12
2791	10	10	4	93	PP	E	2	MIME0101	3
2792	10	10	4	93	PP	E	2	OP010103	2
2793	10	10	4	93	PP	E	2	ORGRGR01	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2794	10	10	4	93	PP	E	2	ORGYCEUT	14
2795	10	10	4	93	PP	E	2	ORGYCEUT	13
2796	10	10	4	93	PP	E	2	ORGYSTNE	2
2797	10	10	4	93	PP	E	3	ARLYPA01	5
2798	10	10	4	93	PP	E	3	COCA0112	1
2799	10	10	4	93	PP	E	3	COCRO102	31
2800	10	10	4	93	PP	E	3	COCRO105	2
2801	10	10	4	93	PP	E	3	DI010101	1
2802	10	10	4	93	PP	E	3	HYVEVE01	3
2803	10	10	4	93	PP	E	3	MIME0101	3
2804	10	10	4	93	PP	E	3	ORGYCEUT	2
2805	10	10	4	93	PP	E	3	SO010101	2
2806	10	10	4	93	PP	E	4	ARGN0101	1
2807	10	10	4	93	PP	E	4	ARLYPA01	3
2808	10	10	4	93	PP	E	4	COCA0112	4
2809	10	10	4	93	PP	E	4	MIME0101	1
2810	10	10	4	93	PP	E	4	OP010103	1
2811	10	10	4	93	PP	E	5	ARGN0101	3
2812	10	10	4	93	PP	E	5	ARLYPA02	2
2813	10	10	4	93	PP	E	5	COCARHUM	13
2814	10	10	4	93	PP	E	5	COSC0101	1
2815	10	10	4	93	PP	E	5	HYPO0101	1
2816	10	10	4	93	PP	E	5	HYVEVE01	11
2817	10	10	4	93	PP	E	5	MIME0101	4
2818	10	10	4	93	PP	E	5	MIME0104	1
2819	10	10	4	93	PP	E	5	ORGRGR01	7
2820	10	10	4	93	PP	E	5	ORGYCEUT	3
2821	10	10	4	93	PP	E	5	ORGYSTNE	1
2822	10	10	4	93	PP	E	6	AR010118	2
2823	10	10	4	93	PP	E	6	ARCL0104	1
2824	10	10	4	93	PP	E	6	ARGN0101	2
2825	10	10	4	93	PP	E	6	ARLYPA01	4
2826	10	10	4	93	PP	E	6	COCA0112	1
2827	10	10	4	93	PP	E	6	COST0103	5
2828	10	10	4	93	PP	E	6	COTEEL09	1
2829	10	10	4	93	PP	E	6	DI010101	1
2830	10	10	4	93	PP	E	6	HYVEVE01	9
2831	10	10	4	93	PP	E	6	MIME0101	5
2832	10	10	4	93	PP	E	6	ORGRGR01	2
2833	10	10	4	93	PP	E	6	ORGYCEUT	2
2834	11	11	3	93	MC	A	1	ARCL0104	12
2835	11	11	3	93	MC	A	1	COCARHUM	11
2836	11	11	3	93	MC	A	1	OP010103	1
2837	11	11	3	93	MC	A	2	AR010103	15
2838	11	11	3	93	MC	A	2	CH010101	1
2839	11	11	3	93	MC	A	2	COCACYPU	1
2840	11	11	3	93	MC	A	2	ORACME01	1
2841	11	11	3	93	MC	A	3	AR010103	2
2842	11	11	3	93	MC	A	3	ARCL0104	1
2843	11	11	3	93	MC	A	3	ARGN0103	2
2844	11	11	3	93	MC	A	3	ARTR0106	1
2845	11	11	3	93	MC	A	3	COCARHUM	5
2846	11	11	3	93	MC	A	3	OP010103	4
2847	11	11	3	93	MC	A	4	AR010103	3
2848	11	11	3	93	MC	A	4	ARGN0103	1
2849	11	11	3	93	MC	A	4	COCARHUM	12
2850	11	11	3	93	MC	A	4	HYVEVE01	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2851	11	11	3	93	MC	A	4	OP010103	7
2852	11	11	3	93	MC	A	4	ORGYCEUT	7
2853	11	11	3	93	MC	A	5	AR010103	5
2854	11	11	3	93	MC	A	5	ARGN0103	4
2855	11	11	3	93	MC	A	5	COCARHUM	4
2856	11	11	3	93	MC	A	5	HELY0103	1
2857	11	11	3	93	MC	A	5	HELY0104	1
2858	11	11	3	93	MC	A	5	OP010103	8
2859	11	11	3	93	MC	A	5	ORGYCEUT	1
2860	11	11	3	93	MC	A	6	AR010103	3
2861	11	11	3	93	MC	A	6	ARGN0103	2
2862	11	11	3	93	MC	A	6	ARLY0103	1
2863	11	11	3	93	MC	A	6	CH010101	1
2864	11	11	3	93	MC	A	6	HYVEVE01	1
2865	11	11	3	93	MC	A	6	OP010103	19
2866	11	11	3	93	MC	A	6	ORGYCEUT	3
2867	11	11	3	93	MC	B	1	AR010103	6
2868	11	11	3	93	MC	B	1	ARGN0103	2
2869	11	11	3	93	MC	B	1	ARLY0107	1
2870	11	11	3	93	MC	B	1	HYVEVE01	2
2871	11	11	3	93	MC	B	1	OP010103	5
2872	11	11	3	93	MC	B	2	AR010103	15
2873	11	11	3	93	MC	B	2	ARGN0103	1
2874	11	11	3	93	MC	B	2	CO010112	1
2875	11	11	3	93	MC	B	2	COCARHUM	3
2876	11	11	3	93	MC	B	2	HYVEVE01	1
2877	11	11	3	93	MC	B	2	OP010103	18
2878	11	11	3	93	MC	B	3	AR010103	9
2879	11	11	3	93	MC	B	3	ARGN0103	1
2880	11	11	3	93	MC	B	3	COCARHUM	4
2881	11	11	3	93	MC	B	3	HYVEVE01	3
2882	11	11	3	93	MC	B	3	OP010103	12
2883	11	11	3	93	MC	B	3	ORGYCEUT	2
2884	11	11	3	93	MC	B	4	AR010103	10
2885	11	11	3	93	MC	B	4	ARGN0103	2
2886	11	11	3	93	MC	B	4	CH010103	1
2887	11	11	3	93	MC	B	4	COCARHUM	9
2888	11	11	3	93	MC	B	4	OP010103	14
2889	11	11	3	93	MC	B	5	AR010103	20
2890	11	11	3	93	MC	B	5	AR010126	2
2891	11	11	3	93	MC	B	5	ARGN0103	3
2892	11	11	3	93	MC	B	5	ARLY0103	1
2893	11	11	3	93	MC	B	5	CO010112	1
2894	11	11	3	93	MC	B	5	COCARHUM	1
2895	11	11	3	93	MC	B	5	HYVEVE01	2
2896	11	11	3	93	MC	B	5	OP010103	7
2897	11	11	3	93	MC	B	5	ORGYCEUT	2
2898	11	11	3	93	MC	B	6	XXXXXXXX	.
2899	11	11	3	93	MC	C	1	AR010103	5
2900	11	11	3	93	MC	C	1	ARGN0103	5
2901	11	11	3	93	MC	C	1	ARLY0102	2
2902	11	11	3	93	MC	C	1	ARLYPA01	1
2903	11	11	3	93	MC	C	1	CH010102	1
2904	11	11	3	93	MC	C	1	COCACH01	2
2905	11	11	3	93	MC	C	1	COCARHUM	3
2906	11	11	3	93	MC	C	1	HYVEVE01	2
2907	11	11	3	93	MC	C	1	OP010103	8

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2908	11	11	3	93	MC	C	1	ORACME01	1
2909	11	11	3	93	MC	C	1	ORGYCEUT	2
2910	11	11	3	93	MC	C	2	AR010103	4
2911	11	11	3	93	MC	C	2	ARGN0103	5
2912	11	11	3	93	MC	C	2	COCARHUM	16
2913	11	11	3	93	MC	C	2	HYVEVE01	4
2914	11	11	3	93	MC	C	2	OP010103	9
2915	11	11	3	93	MC	C	2	ORGYCEUT	13
2916	11	11	3	93	MC	C	3	AR010103	6
2917	11	11	3	93	MC	C	3	ARGN0103	5
2918	11	11	3	93	MC	C	3	COCACH01	1
2919	11	11	3	93	MC	C	3	COCARHUM	1
2920	11	11	3	93	MC	C	3	COELO103	1
2921	11	11	3	93	MC	C	3	HYVEVE01	3
2922	11	11	3	93	MC	C	3	OP010103	2
2923	11	11	3	93	MC	C	4	AR010103	7
2924	11	11	3	93	MC	C	4	COCACH01	1
2925	11	11	3	93	MC	C	4	COCARHUM	51
2926	11	11	3	93	MC	C	4	HYVEVE01	7
2927	11	11	3	93	MC	C	4	OP010101	2
2928	11	11	3	93	MC	C	4	OP010103	43
2929	11	11	3	93	MC	C	4	ORGYCEUT	8
2930	11	11	3	93	MC	C	5	AR010103	2
2931	11	11	3	93	MC	C	5	ARCL0102	2
2932	11	11	3	93	MC	C	5	ARGN0103	1
2933	11	11	3	93	MC	C	5	ARLYPA01	1
2934	11	11	3	93	MC	C	5	COCARHUM	6
2935	11	11	3	93	MC	C	5	HYVEVE01	4
2936	11	11	3	93	MC	C	5	OP010101	1
2937	11	11	3	93	MC	C	5	OP010103	7
2938	11	11	3	93	MC	C	6	AR010103	14
2939	11	11	3	93	MC	C	6	ARGN0103	5
2940	11	11	3	93	MC	C	6	COCARHUM	12
2941	11	11	3	93	MC	C	6	HYVEVE01	2
2942	11	11	3	93	MC	C	6	OP010103	14
2943	11	11	3	93	MC	C	6	ORGYCEUT	2
2944	11	11	3	93	MC	D	1	ARCL0101	1
2945	11	11	3	93	MC	D	1	ARLYPA02	1
2946	11	11	3	93	MC	D	1	ORACCAPE	3
2947	11	11	3	93	MC	D	1	ORACMEOC	1
2948	11	11	3	93	MC	D	2	AR010102	1
2949	11	11	3	93	MC	D	2	AR010108	1
2950	11	11	3	93	MC	D	2	ARGN0103	3
2951	11	11	3	93	MC	D	2	ARLY0103	2
2952	11	11	3	93	MC	D	2	CH010102	1
2953	11	11	3	93	MC	D	2	COCR0102	1
2954	11	11	3	93	MC	D	2	OP010103	2
2955	11	11	3	93	MC	D	2	ORACMEOC	1
2956	11	11	3	93	MC	D	2	ORGYCEUT	30
2957	11	11	3	93	MC	D	3	ARGN0103	6
2958	11	11	3	93	MC	D	3	ARLY0107	1
2959	11	11	3	93	MC	D	3	ARTH0101	4
2960	11	11	3	93	MC	D	3	HYVEVE01	1
2961	11	11	3	93	MC	D	3	OP010103	1
2962	11	11	3	93	MC	D	3	ORGYCEUT	7
2963	11	11	3	93	MC	D	5	AR010119	1
2964	11	11	3	93	MC	D	5	ARGN0102	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
2965	11	11	3	93	MC	D	5	ARLY0101	1
2966	11	11	3	93	MC	D	5	ARLY0103	3
2967	11	11	3	93	MC	D	5	ARTH0101	2
2968	11	11	3	93	MC	D	5	CH010102	1
2969	11	11	3	93	MC	D	5	HYVEVE01	1
2970	11	11	3	93	MC	D	5	OP010103	3
2971	11	11	3	93	MC	D	5	ORACME03	3
2972	11	11	3	93	MC	D	5	ORACMEOC	2
2973	11	11	3	93	MC	D	5	ORGYCEUT	4
2974	11	11	3	93	MC	D	6	AR010103	7
2975	11	11	3	93	MC	D	6	AR010103	2
2976	11	11	3	93	MC	D	6	AR010126	1
2977	11	11	3	93	MC	D	6	ARCL0104	1
2978	11	11	3	93	MC	D	6	ARLY0101	5
2979	11	11	3	93	MC	D	6	ARLY0103	1
2980	11	11	3	93	MC	D	6	COCARHUM	3
2981	11	11	3	93	MC	D	6	HYVEVE01	1
2982	11	11	3	93	MC	D	6	OP010103	8
2983	11	11	3	93	MC	D	6	ORACME01	1
2984	11	11	3	93	MC	D	6	ORACMEOC	2
2985	11	11	3	93	MC	D	6	ORGYCEUT	4
2986	11	11	3	93	MC	D	6	ORGYCEUT	3
2987	11	11	3	93	MC	E	1	AR010103	8
2988	11	11	3	93	MC	E	1	ARGN0101	1
2989	11	11	3	93	MC	E	1	COCARHUM	16
2990	11	11	3	93	MC	E	1	HYVEVE01	1
2991	11	11	3	93	MC	E	1	OP010103	15
2992	11	11	3	93	MC	E	1	OP010104	3
2993	11	11	3	93	MC	E	1	ORGYCEUT	8
2994	11	11	3	93	MC	E	2	AR010103	22
2995	11	11	3	93	MC	E	2	ARGN0103	1
2996	11	11	3	93	MC	E	2	ARTR0106	1
2997	11	11	3	93	MC	E	2	COCACH01	2
2998	11	11	3	93	MC	E	2	COCARHUM	11
2999	11	11	3	93	MC	E	2	OP010103	23
3000	11	11	3	93	MC	E	2	ORGYCEUT	8
3001	11	11	3	93	MC	E	3	AR010103	7
3002	11	11	3	93	MC	E	3	AR010131	2
3003	11	11	3	93	MC	E	3	ARGN0103	2
3004	11	11	3	93	MC	E	3	ARTH0102	1
3005	11	11	3	93	MC	E	3	CH010102	4
3006	11	11	3	93	MC	E	3	COCARHUM	4
3007	11	11	3	93	MC	E	3	OP010103	3
3008	11	11	3	93	MC	E	3	ORGYCEUT	7
3009	11	11	3	93	MC	E	4	AR010103	9
3010	11	11	3	93	MC	E	4	ARGN0103	2
3011	11	11	3	93	MC	E	4	CH010102	2
3012	11	11	3	93	MC	E	4	COCARHUM	7
3013	11	11	3	93	MC	E	4	OP010103	1
3014	11	11	3	93	MC	E	4	OP010104	1
3015	11	11	3	93	MC	E	4	ORGYCEUT	2
3016	11	11	3	93	MC	E	5	AR010103	9
3017	11	11	3	93	MC	E	5	ARCL0103	3
3018	11	11	3	93	MC	E	5	CH010102	2
3019	11	11	3	93	MC	E	5	COCARHUM	17
3020	11	11	3	93	MC	E	5	HYVEVE01	1
3021	11	11	3	93	MC	E	5	OP010103	18

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
3022	11	11	3	93	MC	E	5	OP010104	9
3023	11	11	3	93	MC	E	5	ORGYCEUT	5
3024	11	11	3	93	MC	E	6	ARCL0103	1
3025	11	11	3	93	MC	E	6	ARGN0103	4
3026	11	11	3	93	MC	E	6	ARGN0103	26
3027	11	11	3	93	MC	E	6	ARLYPA01	1
3028	11	11	3	93	MC	E	6	ARLYPA02	1
3029	11	11	3	93	MC	E	6	COCAPTLU	11
3030	11	11	3	93	MC	E	6	OP010101	1
3031	11	11	3	93	MC	E	6	OP010103	29
3032	11	11	3	93	MC	E	6	ORGYCEUT	4
3033	11	11	3	93	MC	F	1	AR010103	9
3034	11	11	3	93	MC	F	1	ARCL0103	3
3035	11	11	3	93	MC	F	1	ARLYPA02	1
3036	11	11	3	93	MC	F	1	CH010101	9
3037	11	11	3	93	MC	F	1	CH010103	1
3038	11	11	3	93	MC	F	1	COCACATA	2
3039	11	11	3	93	MC	F	1	COCAPTAD	1
3040	11	11	3	93	MC	F	1	COCAPTLY	16
3041	11	11	3	93	MC	F	1	OP010103	28
3042	11	11	3	93	MC	F	1	OP010104	2
3043	11	11	3	93	MC	F	1	ORGYCEUT	2
3044	11	11	3	93	MC	F	2	AR010103	4
3045	11	11	3	93	MC	F	2	AR010105	2
3046	11	11	3	93	MC	F	2	AR010119	1
3047	11	11	3	93	MC	F	2	AR010126	1
3048	11	11	3	93	MC	F	2	ARCL0103	1
3049	11	11	3	93	MC	F	2	ARCL0103	10
3050	11	11	3	93	MC	F	2	ARGN0101	1
3051	11	11	3	93	MC	F	2	ARLYPA02	1
3052	11	11	3	93	MC	F	2	CH010101	1
3053	11	11	3	93	MC	F	2	CH010103	1
3054	11	11	3	93	MC	F	2	COCAPTLU	7
3055	11	11	3	93	MC	F	2	HYVEVE01	1
3056	11	11	3	93	MC	F	2	HYVEVE01	3
3057	11	11	3	93	MC	F	2	OP010103	26
3058	11	11	3	93	MC	F	2	OP010103	32
3059	11	11	3	93	MC	F	2	ORGYCEUT	2
3060	11	11	3	93	MC	F	2	ORGYCEUT	19
3061	11	11	3	93	MC	F	3	ARCL0104	2
3062	11	11	3	93	MC	F	3	ARLYPA01	1
3063	11	11	3	93	MC	F	3	ARLYPA04	11
3064	11	11	3	93	MC	F	3	CH010101	1
3065	11	11	3	93	MC	F	3	COCARHUM	17
3066	11	11	3	93	MC	F	3	OP010103	17
3067	11	11	3	93	MC	F	3	ORGYCEUT	9
3068	11	11	3	93	MC	F	4	AR010103	13
3069	11	11	3	93	MC	F	4	ARCL0104	8
3070	11	11	3	93	MC	F	4	ARLYPA01	2
3071	11	11	3	93	MC	F	4	CH010101	3
3072	11	11	3	93	MC	F	4	COCA0112	12
3073	11	11	3	93	MC	F	4	COCAPTLU	3
3074	11	11	3	93	MC	F	4	HYVEVE01	1
3075	11	11	3	93	MC	F	4	OP010103	5
3076	11	11	3	93	MC	F	4	OP010104	2
3077	11	11	3	93	MC	F	4	ORGYCEUT	3
3078	11	11	3	93	MC	F	5	ARCL0104	11

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
3079	11	11	3	93	MC	F	5	CH010101	1
3080	11	11	3	93	MC	F	5	OP010101	13
3081	11	11	3	93	MC	F	5	ORGYCEUT	15
3082	11	11	3	93	MC	F	6	AR010103	14
3083	11	11	3	93	MC	F	6	ARCL0104	9
3084	11	11	3	93	MC	F	6	ARGN0102	1
3085	11	11	3	93	MC	F	6	ARLYPA01	4
3086	11	11	3	93	MC	F	6	CH010101	4
3087	11	11	3	93	MC	F	6	COCA0112	4
3088	11	11	3	93	MC	F	6	COCARHUM	1
3089	11	11	3	93	MC	F	6	COST0103	6
3090	11	11	3	93	MC	F	6	HYVEVE01	1
3091	11	11	3	93	MC	F	6	OP010103	27
3092	11	11	3	93	MC	F	6	ORGYCEUT	18
3093	11	11	4	93	PJ	A	1	COSC0105	1
3094	11	11	4	93	PJ	A	1	DI010101	1
3095	11	11	4	93	PJ	A	2	ARLYPA02	1
3096	11	11	4	93	PJ	A	2	ORGRGR01	1
3097	11	11	4	93	PJ	A	2	SO010101	1
3098	11	11	4	93	PJ	A	3	ARLYPA02	2
3099	11	11	4	93	PJ	A	3	CH010101	1
3100	11	11	4	93	PJ	A	4	CH010101	1
3101	11	11	4	93	PJ	A	4	COCA0121	1
3102	11	11	4	93	PJ	A	4	MIME0103	1
3103	11	11	4	93	PJ	A	4	ORGROECA	1
3104	11	11	4	93	PJ	A	5	XXXXXXXXXX	0
3105	11	11	4	93	PJ	A	6	ARGN0103	1
3106	11	11	4	93	PJ	A	6	DI010101	1
3107	11	11	4	93	PJ	A	6	MIME0103	2
3108	11	11	4	93	PJ	B	1	ARGN0103	1
3109	11	11	4	93	PJ	B	1	DIMAYESO	1
3110	11	11	4	93	PJ	B	1	MIME0103	1
3111	11	11	4	93	PJ	B	1	ORGRGR01	1
3112	11	11	4	93	PJ	B	2	ARGN0103	1
3113	11	11	4	93	PJ	B	2	COCARHUM	1
3114	11	11	4	93	PJ	B	3	MIME0103	1
3115	11	11	4	93	PJ	B	4	COSC0105	1
3116	11	11	4	93	PJ	B	5	ARGN0103	2
3117	11	11	4	93	PJ	B	5	SO010101	1
3118	11	11	4	93	PJ	B	6	ORGRCY01	3
3119	11	11	4	93	PJ	B	6	SO010101	1
3120	11	11	4	93	PJ	C	1	CH010101	1
3121	11	11	4	93	PJ	C	2	XXXXXXXXXX	0
3122	11	11	4	93	PJ	C	3	ARLY0103	1
3123	11	11	4	93	PJ	C	3	ARLYPA02	1
3124	11	11	4	93	PJ	C	3	MIME0101	3
3125	11	11	4	93	PJ	C	3	OP010101	2
3126	11	11	4	93	PJ	C	4	ARGN0103	2
3127	11	11	4	93	PJ	C	4	MIME0101	7
3128	11	11	4	93	PJ	C	4	ORACMESP	1
3129	11	11	4	93	PJ	C	5	ARGN0103	1
3130	11	11	4	93	PJ	C	6	ARGN0103	3
3131	11	11	4	93	PJ	C	6	COSC0105	1
3132	11	11	4	93	PJ	C	6	COTEEM01	1
3133	11	11	4	93	PJ	C	6	DI010105	1
3134	11	11	4	93	PJ	C	6	MIME0101	5
3135	11	11	4	93	PJ	C	6	OP010103	5

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
3136	11	11	4	93	PJ	C	6	ORGROECA	1
3137	11	11	4	93	PJ	D	1	COSC0105	1
3138	11	11	4	93	PJ	D	1	DI010101	1
3139	11	11	4	93	PJ	D	1	ORGRGR01	1
3140	11	11	4	93	PJ	D	2	MIME0101	3
3141	11	11	4	93	PJ	D	3	COSC0105	1
3142	11	11	4	93	PJ	D	3	ORGYCEUT	1
3143	11	11	4	93	PJ	D	4	ORACERSI	1
3144	11	11	4	93	PJ	D	5	XXXXXXXXXX	0
3145	11	11	4	93	PJ	D	6	ORACERSI	4
3146	11	11	4	93	PJ	E	1	DI010101	1
3147	11	11	4	93	PJ	E	2	HYPO0101	1
3148	11	11	4	93	PJ	E	2	ORACME01	1
3149	11	11	4	93	PJ	E	3	ARGN0103	1
3150	11	11	4	93	PJ	E	3	DI010101	1
3151	11	11	4	93	PJ	E	4	ORACMEAR	1
3152	11	11	4	93	PJ	E	5	ARGN0103	2
3153	11	11	4	93	PJ	E	5	COTEEL0B	1
3154	11	11	4	93	PJ	E	6	OP010104	2
3155	11	11	4	93	PJ	E	6	ORGYCEUT	1
3156	11	11	1	93	PP	A	1	XXXXXXXXXX	.
3157	11	11	1	93	PP	A	2	ARCL0104	5
3158	11	11	1	93	PP	A	2	ARGN0107	2
3159	11	11	1	93	PP	A	2	COCARHUM	1
3160	11	11	1	93	PP	A	2	COCR0106	1
3161	11	11	1	93	PP	A	2	COST0103	8
3162	11	11	1	93	PP	A	2	COST0112	1
3163	11	11	1	93	PP	A	2	OP010103	3
3164	11	11	1	93	PP	A	2	ORGYCEUT	8
3165	11	11	1	93	PP	A	3	ARGN0105	1
3166	11	11	1	93	PP	A	3	ARLYPA03	1
3167	11	11	1	93	PP	A	3	COCR0107	1
3168	11	11	1	93	PP	A	3	HYPO0101	1
3169	11	11	1	93	PP	A	4	ARCL0104	1
3170	11	11	1	93	PP	A	4	ARTH0101	1
3171	11	11	1	93	PP	A	4	CO010127	1
3172	11	11	1	93	PP	A	4	COST0103	9
3173	11	11	1	93	PP	A	4	DI010101	1
3174	11	11	1	93	PP	A	5	ARCL0104	2
3175	11	11	1	93	PP	A	5	ARLYPA01	1
3176	11	11	1	93	PP	A	5	ARTH0101	1
3177	11	11	1	93	PP	A	5	COST0103	6
3178	11	11	1	93	PP	A	6	ARLY0101	2
3179	11	11	1	93	PP	A	6	COST0103	1
3180	11	11	1	93	PP	A	6	COST0112	3
3181	11	11	1	93	PP	B	1	ARCL0104	1
3182	11	11	1	93	PP	B	1	COCR0107	2
3183	11	11	1	93	PP	B	1	HYVEVE01	1
3184	11	11	1	93	PP	B	1	ORGYCEUT	4
3185	11	11	1	93	PP	B	2	ARGN0107	1
3186	11	11	1	93	PP	B	2	ARTH0101	1
3187	11	11	1	93	PP	B	2	COCACATA	1
3188	11	11	1	93	PP	B	2	COST0103	2
3189	11	11	1	93	PP	B	2	HYVEVE01	8
3190	11	11	1	93	PP	B	2	ORGYCEUT	3
3191	11	11	1	93	PP	B	3	ARCL0104	1
3192	11	11	1	93	PP	B	3	ARLY0107	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
3193	11	11	1	93	PP	B	3	ARTH0101	1
3194	11	11	1	93	PP	B	3	COCR0102	1
3195	11	11	1	93	PP	B	3	HYVEVE01	2
3196	11	11	1	93	PP	B	3	OP010102	2
3197	11	11	1	93	PP	B	4	ARGN0104	1
3198	11	11	1	93	PP	B	4	ARGN0107	1
3199	11	11	1	93	PP	B	4	ARLYPA02	1
3200	11	11	1	93	PP	B	4	ARTH0101	1
3201	11	11	1	93	PP	B	4	COCR0102	1
3202	11	11	1	93	PP	B	4	COST0103	3
3203	11	11	1	93	PP	B	4	ORGYCEUT	2
3204	11	11	1	93	PP	B	5	ARGN0107	3
3205	11	11	1	93	PP	B	5	CO010132	1
3206	11	11	1	93	PP	B	5	COCA0103	5
3207	11	11	1	93	PP	B	5	COCAPTAD	1
3208	11	11	1	93	PP	B	6	ARCL0101	1
3209	11	11	1	93	PP	B	6	ARGN0103	1
3210	11	11	1	93	PP	B	6	ARGN0105	1
3211	11	11	1	93	PP	B	6	ARGN0107	1
3212	11	11	1	93	PP	B	6	COCR0102	1
3213	11	11	1	93	PP	B	6	COST0112	2
3214	11	11	1	93	PP	B	6	OP010103	2
3215	11	11	1	93	PP	B	6	ORGYCEUT	1
3216	11	11	1	93	PP	C	1	ARCL0104	1
3217	11	11	1	93	PP	C	1	ARLYPA02	1
3218	11	11	1	93	PP	C	1	COST0103	11
3219	11	11	1	93	PP	C	1	COST0112	4
3220	11	11	1	93	PP	C	1	HYVEVE01	4
3221	11	11	1	93	PP	C	1	OP010103	1
3222	11	11	1	93	PP	C	2	ARCL0104	1
3223	11	11	1	93	PP	C	2	ARTH0101	1
3224	11	11	1	93	PP	C	2	COCR0102	1
3225	11	11	1	93	PP	C	2	COST0103	16
3226	11	11	1	93	PP	C	2	COST0112	15
3227	11	11	1	93	PP	C	2	HYVEVE01	1
3228	11	11	1	93	PP	C	2	OP010103	1
3229	11	11	1	93	PP	C	3	XXXXXXXX	0
3230	11	11	1	93	PP	C	4	ARCL0104	4
3231	11	11	1	93	PP	C	4	ARGN0104	1
3232	11	11	1	93	PP	C	4	COCR0102	5
3233	11	11	1	93	PP	C	4	COCU0104	1
3234	11	11	1	93	PP	C	4	COST0103	19
3235	11	11	1	93	PP	C	4	COST0112	28
3236	11	11	1	93	PP	C	4	HYVEVE01	1
3237	11	11	1	93	PP	C	4	ORGYCEUT	1
3238	11	11	1	93	PP	C	5	CH010102	1
3239	11	11	1	93	PP	C	5	COCR0108	2
3240	11	11	1	93	PP	C	5	COCR0109	1
3241	11	11	1	93	PP	C	5	COST0112	32
3242	11	11	1	93	PP	C	5	HYVEVE01	1
3243	11	11	1	93	PP	C	5	ORGYCEUT	1
3244	11	11	1	93	PP	C	6	COCARHUM	1
3245	11	11	1	93	PP	C	6	COCR0102	4
3246	11	11	1	93	PP	C	6	COST0103	25
3247	11	11	1	93	PP	C	6	COST0112	8
3248	11	11	1	93	PP	C	6	HYVEVE01	2
3249	11	11	1	93	PP	D	1	ARCL0104	1

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
3250	11	11	1	93	PP	D	1	ARLYPA02	1
3251	11	11	1	93	PP	D	1	CO010131	1
3252	11	11	1	93	PP	D	1	COST0103	2
3253	11	11	1	93	PP	D	1	HYVEVE01	9
3254	11	11	1	93	PP	D	1	OP010103	1
3255	11	11	1	93	PP	D	1	ORGYCEUT	8
3256	11	11	1	93	PP	D	2	ARCL0104	4
3257	11	11	1	93	PP	D	2	ARLY0103	1
3258	11	11	1	93	PP	D	2	ARLYPA02	1
3259	11	11	1	93	PP	D	2	CH010101	1
3260	11	11	1	93	PP	D	2	COST0103	4
3261	11	11	1	93	PP	D	2	DI010101	1
3262	11	11	1	93	PP	D	2	HYVEVE01	1
3263	11	11	1	93	PP	D	2	MIME0101	1
3264	11	11	1	93	PP	D	2	ORGYCEUT	1
3265	11	11	1	93	PP	D	3	ARCL0102	1
3266	11	11	1	93	PP	D	3	ARGN0103	1
3267	11	11	1	93	PP	D	3	DI010101	1
3268	11	11	1	93	PP	D	3	ORGRGR01	1
3269	11	11	1	93	PP	D	3	ORGYCEUT	1
3270	11	11	1	93	PP	D	4	ARCL0103	2
3271	11	11	1	93	PP	D	4	ARCL0104	2
3272	11	11	1	93	PP	D	4	ARLY0101	1
3273	11	11	1	93	PP	D	4	ARLY0106	1
3274	11	11	1	93	PP	D	4	ARLYPA04	1
3275	11	11	1	93	PP	D	4	HYVEVE01	3
3276	11	11	1	93	PP	D	4	ORGYCEUT	3
3277	11	11	1	93	PP	D	5	ARCL0104	2
3278	11	11	1	93	PP	D	5	ARGN0101	1
3279	11	11	1	93	PP	D	5	ARLYPA01	1
3280	11	11	1	93	PP	D	5	COST0103	2
3281	11	11	1	93	PP	D	5	COST0112	10
3282	11	11	1	93	PP	D	5	DI010101	1
3283	11	11	1	93	PP	D	6	ARGN0103	1
3284	11	11	1	93	PP	D	6	ARLY0101	1
3285	11	11	1	93	PP	D	6	CH010101	1
3286	11	11	1	93	PP	D	6	COCR0104	1
3287	11	11	1	93	PP	D	6	DI010101	1
3288	11	11	1	93	PP	D	6	HYVEVE01	5
3289	11	11	1	93	PP	E	1	COST0103	11
3290	11	11	1	93	PP	E	1	COST0112	3
3291	11	11	1	93	PP	E	1	ORGYSTNE	1
3292	11	11	1	93	PP	E	2	ARGN0104	1
3293	11	11	1	93	PP	E	2	ARLYPA01	1
3294	11	11	1	93	PP	E	2	COCA0112	1
3295	11	11	1	93	PP	E	2	COST0112	6
3296	11	11	1	93	PP	E	2	DI010101	2
3297	11	11	1	93	PP	E	2	HYVEVE01	3
3298	11	11	1	93	PP	E	2	ORGYCEUT	29
3299	11	11	1	93	PP	E	3	ARLYPA01	1
3300	11	11	1	93	PP	E	3	CO010107	1
3301	11	11	1	93	PP	E	3	COCA0112	2
3302	11	11	1	93	PP	E	3	COST0103	10
3303	11	11	1	93	PP	E	3	COST0112	3
3304	11	11	1	93	PP	E	3	HYVEVE01	4
3305	11	11	1	93	PP	E	3	ORGRGR01	1
3306	11	11	1	93	PP	E	3	ORGYCEUT	2

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OBS	MM	MONTH	DAY	YEAR	SITE	REP	TRAP	SPECIES	COUNT
3307	11	11	1	93	PP	E	4	ARCL0106	2
3308	11	11	1	93	PP	E	4	ARGN0104	1
3309	11	11	1	93	PP	E	4	CO010125	2
3310	11	11	1	93	PP	E	4	COCR0105	1
3311	11	11	1	93	PP	E	4	DI010101	2
3312	11	11	1	93	PP	E	4	HYVEVE01	1
3313	11	11	1	93	PP	E	5	ARGN0104	1
3314	11	11	1	93	PP	E	5	ARLY0103	1
3315	11	11	1	93	PP	E	5	ARLYPA01	2
3316	11	11	1	93	PP	E	5	COCA0112	3
3317	11	11	1	93	PP	E	5	COSC0105	1
3318	11	11	1	93	PP	E	5	COST0103	2
3319	11	11	1	93	PP	E	5	HYVEVE01	1
3320	11	11	1	93	PP	E	5	MIME0101	3
3321	11	11	1	93	PP	E	5	MIME0104	1
3322	11	11	1	93	PP	E	5	ORGRGR01	1
3323	11	11	1	93	PP	E	5	ORGYCEUT	1
3324	11	11	1	93	PP	E	5	ORGYSTNE	1
3325	11	11	1	93	PP	E	6	COCH0102	1
3326	11	11	1	93	PP	E	6	COST0103	2

Appendix 5.

Arthropod taxa code listings. This is a portion of the Quattro Pro tax code spreadsheet, which also includes information on code changes. See following pages.

BANDELIER NATIONAL MONUMENT
Arthropod Pitfall Trap Study

Taxa Code Listing

Updated: 06/17/94

CODE	ORDER	FAMILY	GENUS	SPECIES
AR010101	ARANEAE	01	01	01
AR010102	ARANEAE	01	01	02
AR010103	ARANEAE	01	01	03
AR010104	ARANEAE	01	01	04
AR010105	ARANEAE	01	01	05
AR010106	ARANEAE	01	01	06
AR010107	ARANEAE	01	01	07
AR010108	ARANEAE	01	01	08
AR010109	ARANEAE	01	01	09
AR010110	ARANEAE	01	01	10
AR010111	ARANEAE	01	01	11
AR010112	ARANEAE	01	01	12
AR010113	ARANEAE	01	01	13
AR010114	ARANEAE	01	01	14
AR010115	ARANEAE	01	01	15
AR010116	ARANEAE	01	01	16
AR010117	ARANEAE	01	01	17
AR010118	ARANEAE	01	01	18
AR010119	ARANEAE	01	01	19
AR010120	ARANEAE	01	01	20
AR010121	ARANEAE	01	01	21
AR010122	ARANEAE	01	01	22
AR010123	ARANEAE	01	01	23
AR010124	ARANEAE	01	01	24
AR010125	ARANEAE	01	01	25
AR010126	ARANEAE	01	01	26
AR010127	ARANEAE	01	01	27
AR010128	ARANEAE	01	01	28
AR010129	ARANEAE	01	01	29
AR010130	ARANEAE	01	01	30
ARCL0101	ARANEAE	Clubionidae	01	01
ARCL0102	ARANEAE	Clubionidae	01	02
ARCL0103	ARANEAE	Clubionidae	01	03
ARCL0104	ARANEAE	Clubionidae	01	04
ARCL0105	ARANEAE	Clubionidae	01	05
ARCL0106	ARANEAE	Clubionidae	01	06
ARGN0101	ARANEAE	Gnaphosidae	01	01
ARGN0102	ARANEAE	Gnaphosidae	01	02
ARGN0103	ARANEAE	Gnaphosidae	01	03
ARGN0104	ARANEAE	Gnaphosidae	01	04
ARGN0105	ARANEAE	Gnaphosidae	01	05
ARGN0106	ARANEAE	Gnaphosidae	01	06

ARGN0107	ARANEAE	Gnaphosidae	01	07
ARGN0108	ARANEAE	Gnaphosidae	01	08
ARLT0102	ARANEAE	Lycosidae	01	02
ARLY0101	ARANEAE	Lycosidae	01	01
ARLY0103	ARANEAE	Lycosidae	01	03
ARLY0104	ARANEAE	Lycosidae	01	04
ARLY0105	ARANEAE	Lycosidae	01	05
ARLY0106	ARANEAE	Lycosidae	01	06
ARLY0107	ARANEAE	Lycosidae	01	07
ARLY0108	ARANEAE	Lycosidae	01	08
ARLY0109	ARANEAE	Lycosidae	01	09
ARLYGE01	ARANEAE	Lycosidae	Geolycosa	01
ARLYPA01	ARANEAE	Lycosidae	Pardosa	01
ARLYPA02	ARANEAE	Lycosidae	Pardosa	02
ARLYPA03	ARANEAE	Lycosidae	Pardosa	03
ARLYPA04	ARANEAE	Lycosidae	Pardosa	04
ARLYPA05	ARANEAE	Lycosidae	Pardosa	05
ARSA0101	ARANEAE	Salticidae	01	01
ARSA0102	ARANEAE	Salticidae	01	02
ARSA0103	ARANEAE	Salticidae	01	03
ARSASAPA	ARANEAE	Salticidae	Sascacus	papenhoei
ARTH0101	ARANEAE	Thomisidae	01	01
ARTH0103	ARANEAE	Thomisidae	01	03
ARTH0104	ARANEAE	Thomisidae	01	04
ARTH0105	ARANEAE	Thomisidae	01	05
ARTH0106	ARANEAE	Thomisidae	01	06
ARTH0107	ARANEAE	Thomisidae	01	07
ARTH0108	ARANEAE	Thomisidae	01	08
ARTR0101	ARANEAE	Theridiidae	01	01
ARTRLAHE	ARANEAE	Theridiidae	Latrodectus	hesperus
BLPOARER	BLATTARIA	Polyphagidae	Arenivaga	erratica
CH010101	CHILOPODA	01	01	01
CH010102	CHILOPODA	01	01	02
CH010103	CHILOPODA	01	01	03
CH010104	CHILOPODA	01	01	04
CHSCSC01	CHILOPODA	Scolopendridra	Scolopendra	01
CO010101	COLEOPTERA	01	01	01
CO010102	COLEOPTERA	01	01	02
CO010103	COLEOPTERA	01	01	03
CO010104	COLEOPTERA	01	01	04
CO010105	COLEOPTERA	01	01	05
CO010106	COLEOPTERA	01	01	06
CO010107	COLEOPTERA	01	01	07
CO010108	COLEOPTERA	01	01	08
CO010109	COLEOPTERA	01	01	09
CO010110	COLEOPTERA	01	01	10
CO010111	COLEOPTERA	01	01	11
CO010112	COLEOPTERA	01	01	12
CO010113	COLEOPTERA	01	01	13
CO010114	COLEOPTERA	01	01	14
CO010115	COLEOPTERA	01	01	15
CO010116	COLEOPTERA	01	01	16

CO010117	COLEOPTERA	01	01	17
CO010118	COLEOPTERA	01	01	18
CO010119	COLEOPTERA	01	01	19
CO010120	COLEOPTERA	01	01	20
CO010121	COLEOPTERA	01	01	21
CO010122	COLEOPTERA	01	01	22
CO010123	COLEOPTERA	01	01	23
CO010124	COLEOPTERA	01	01	24
CO010125	COLEOPTERA	01	01	25
CO010126	COLEOPTERA	01	01	26
CO010127	COLEOPTERA	01	01	27
CO010128	COLEOPTERA	01	01	28
CO010129	COLEOPTERA	01	01	29
CO010130	COLEOPTERA	01	01	31
CO010130	COLEOPTERA	01	01	30
CO010132	COLEOPTERA	01	01	32
CO010133	COLEOPTERA	01	01	33
CO010134	COLEOPTERA	01	01	34
CO010135	COLEOPTERA	01	01	35
CO010136	COLEOPTERA	01	01	36
CO010137	COLEOPTERA	01	01	37
CO010138	COLEOPTERA	01	01	38
CO010139	COLEOPTERA	01	01	39
CO010140	COLEOPTERA	01	01	40
CO010141	COLEOPTERA	01	01	41
CO010142	COLEOPTERA	01	01	42
CO010144	COLEOPTERA	01	01	44
CO010145	COLEOPTERA	01	01	45
COAN0101	COLEOPTERA	Anthicidae	01	01
COCA0112	COLEOPTERA	Carabidae	01	12
COCA0113	COLEOPTERA	Carabidae	01	13
COCA0113	COLEOPTERA	Carabidae	01	13
COCA0114	COLEOPTERA	Carabidae	01	14
COCA0115	COLEOPTERA	Carabidae	01	15
COCA0116	COLEOPTERA	Carabidae	01	16
COCA0117	COLEOPTERA	Carabidae	01	17
COCA0118	COLEOPTERA	Carabidae	01	18
COCA0119	COLEOPTERA	Carabidae	01	19
COCA0120	COLEOPTERA	Carabidae	01	20
COCA0121	COLEOPTERA	Carabidae	01	21
COCACAIN	COLEOPTERA	Carabidae	Calathus	ingratus
COCACAOB	COLEOPTERA	Carabidae	Calosoma	obsoletum
COCACATA	COLEOPTERA	Carabidae	Carabus	taedatus
COCACH01	COLEOPTERA	Carabidae	Chaenius	01
COCACHTO	COLEOPTERA	Carabidae	Chlaenius	tomentosus
COCACYCR	COLEOPTERA	Carabidae	Cymindis	cribricollis
COCACYPU	COLEOPTERA	Carabidae	Cyminidis	punctigera
COCALEVI	COLEOPTERA	Carabidae	Lebia	vittata
COCANOSE	COLEOPTERA	Carabidae	Notiophilus	semistriatus
COCAPEOB	COLEOPTERA	Carabidae	Pelmatellus	obtusus
COCAPTAD	COLEOPTERA	Carabidae	Pterostichus	adstrictes
COCAPTLU	COLEOPTERA	Carabidae	Pterostichus	luscus

COCARHUM	COLEOPTERA	Carabidae	Rhadine	umbra
COCASC01	COLEOPTERA	Carabidae	Scaphinotus	01
COCASEPL	COLEOPTERA	Carabidae	Selenphorus	planipennis
COCH0101	COLEOPTERA	Chrysomelidae	01	01
COCH0102	COLEOPTERA	Chrysomelidae	01	02
COCH0103	COLEOPTERA	Chrysomelidae	01	03
COCH0104	COLEOPTERA	Chrysomelidae	01	04
COCICI01	COLEOPTERA	Cicindellidae	Cicindella	01
COCO0101	COLEOPTERA	Cocinellidae	01	01
COCR0101	COLEOPTERA	Cryptophagidae	01	01
COCR0102	COLEOPTERA	Cryptophagidae	01	02
COCR0103	COLEOPTERA	Cryptophagidae	01	03
COCR0104	COLEOPTERA	Cryptophagidae	01	04
COCR0105	COLEOPTERA	Cryptophagidae	01	05
COCR0106	COLEOPTERA	Cryptophagidae	01	06
COCR0107	COLEOPTERA	Cryptophagidae	01	07
COCR0108	COLEOPTERA	Cryptophagidae	01	08
COCR0109	COLEOPTERA	Cryptophagidae	01	09
COCU0101	COLEOPTERA	Curculionidae	01	01
COCU0102	COLEOPTERA	Curculionidae	01	02
COCU0103	COLEOPTERA	Curculionidae	01	03
COCU0104	COLEOPTERA	Curculionidae	01	04
COCU0105	COLEOPTERA	Curculionidae	01	05
COCU0106	COLEOPTERA	Curculionidae	01	06
COCU0107	COLEOPTERA	Curculionidae	01	07
COCU0108	COLEOPTERA	Curculionidae	01	08
COCU0109	COLEOPTERA	Curculionidae	01	09
COCU0109	COLEOPTERA	Curculionidae	01	09
COCU0110	COLEOPTERA	Curculionidae	01	10
COCU0111	COLEOPTERA	Curculionidae	01	11
COCU0112	COLEOPTERA	Curculionidae	01	12
COCU0113	COLEOPTERA	Curculionidae	01	13
COCU0114	COLEOPTERA	Curculionidae	01	14
COCU0115	COLEOPTERA	Curculionidae	01	15
COCU0116	COLEOPTERA	Curculionidae	01	16
COCU0117	COLEOPTERA	Curculionidae	01	17
COCU0118	COLEOPTERA	Curculionidae	01	18
COCU0119	COLEOPTERA	Curculionidae	01	19
COEL0101	COLEOPTERA	Elateridae	01	01
COEL0102	COLEOPTERA	Elateridae	01	02
COEL0103	COLEOPTERA	Elateridae	01	03
COEL0104	COLEOPTERA	Elateridae	01	04
COEL0105	COLEOPTERA	Elateridae	01	05
COEL0106	COLEOPTERA	Elateridae	01	06
COEL0107	COLEOPTERA	Elateridae	01	07
COEL0108	COLEOPTERA	Elateridae	01	08
COEL0109	COLEOPTERA	Elateridae	01	09
COEL0110	COLEOPTERA	Elateridae	01	10
COEL0111	COLEOPTERA	Elateridae	01	11
COEL0112	COLEOPTERA	Elateridae	01	12
COEL0113	COLEOPTERA	Elateridae	01	13
COHI0101	COLEOPTERA	Histeridae	01	01

COHI0102	COLEOPTERA	Histeridae	01	02
COHI0103	COLEOPTERA	Histeridae	01	01
COLA0101	COLEOPTERA	Lampyridae	01	14
COOSTE01	COLEOPTERA	Ostomidae	Temnochila	01
COPH0101	COLEOPTERA	Phengodidae	01	01
COSC0101	COLEOPTERA	Scarabaeidae	01	01
COSC0101	COLEOPTERA	Scolytidae	01	01
COSC0102	COLEOPTERA	Scolytidae	01	02
COSC0102	COLEOPTERA	Scarabaeidae	01	02
COSC0103	COLEOPTERA	Scarabaeidae	01	03
COSC0104	COLEOPTERA	Scarabaeidae	01	04
COSC0106	COLEOPTERA	Scarabaeidae	01	06
COSC0107	COLEOPTERA	Scarabaeidae	01	07
COSC0108	COLEOPTERA	Scarabaeidae	01	08
COSC0109	COLEOPTERA	Scarabaeidae	01	09
COSC0110	COLEOPTERA	Scarabaeidae	01	10
COSINI01	COLEOPTERA	Silphidae	Nicrophorus	01
COST0101	COLEOPTERA	Staphylinidae	01	01
COST0102	COLEOPTERA	Staphylinidae	01	02
COST0103	COLEOPTERA	Staphylinidae	01	03
COST0104	COLEOPTERA	Staphylinidae	01	04
COST0105	COLEOPTERA	Staphylinidae	01	05
COST0106	COLEOPTERA	Staphylinidae	01	06
COST0107	COLEOPTERA	Staphylinidae	01	07
COST0108	COLEOPTERA	Staphylinidae	01	08
COST0109	COLEOPTERA	Staphylinidae	01	09
COST0110	COLEOPTERA	Staphylinidae	01	10
COST0111	COLEOPTERA	Staphylinidae	01	11
COST0112	COLEOPTERA	Staphylinidae	01	12
COST0113	COLEOPTERA	Staphylinidae	01	13
COST0114	COLEOPTERA	Staphylinidae	01	14
COST0115	COLEOPTERA	Staphylinidae	01	15
COST0116	COLEOPTERA	Staphyllinidae	01	16
COTE0110	COLEOPTERA	Tenebrionidae	01	10
COTEARDE	COLEOPTERA	Tenebrionidae	Araeoschizus	decipens
COTEEL07	COLEOPTERA	Tenebrionidae	Eleodes	07
COTEEL08	COLEOPTERA	Tenebrionidae	01	02
COTEEL09	COLEOPTERA	Tenebrionidae	El	09
COTEELEX	COLEOPTERA	Tenebrionidae	Eleodes	extricata
COTEELHO	COLEOPTERA	Tenebrionidae	Eleodes	hoppingi
COTEEL0B	COLEOPTERA	Tenebrionidae	Eleodes	obscurus
COTEELSP	COLEOPTERA	Tenebrionidae	Eleodes	sponsus
COTEEM01	COLEOPTERA	Tenebrionidae	Embaphion	01
COTEST01	COLEOPTERA	Tenebrionidae	Steriphanus	01
COTESTCO	COLEOPTERA	Tenebrionidae	Stenomorpha	consors
DI010101	DIPLOPODA	01	01	01
DI010102	DIPLOPODA	01	01	02
DI010103	DIPLOPODA	01	01	03
HE010101	HEMIPTERA	01	01	01
HEAL0101	HEMIPTERA	Alydidae	01	01
HEAR0101	HEMIPTERA	Aradidae	01	01
HECY0101	HEMIPTERA	Cydnidae	01	01

HELY0101	HEMIPTERA	Lygaeidae	01	01
HELY0102	HEMIPTERA	Lygaeidae	01	02
HELY0103	HEMIPTERA	Lygaeidae	01	03
HELY0104	HEMIPTERA	Lygaeidae	01	04
HELY0105	HEMIPTERA	Lygaeidae	01	05
HELY0106	HEMIPTERA	Lygaeidae	01	06
HELY0107	HEMIPTERA	Lygaeidae	01	07
HELY0108	HEMIPTERA	Lygaeidae	01	08
HELYLY01	HEMIPTERA	Lygaeidae	Lygaeus	01
HEMI0101	HEMIPTERA	Miridae	01	01
HEMI0102	HEMIPTERA	Miridae	01	02
HEMI0103	HEMIPTERA	Miridae	01	03
HEMI0104	HEMIPTERA	Miridae	01	04
HENA0101	HEMIPTERA	Nabidae	01	01
HERE0101	HEMIPTERA	Reduviidae	01	01
HETI0101	HEMIPTERA	Tingidae	01	01
HY010101	HYMENOPTERA	01	01	01
HY010102	HYMENOPTERA	01	01	02
HY010103	HYMENOPTERA	01	01	03
HY010104	HYMENOPTERA	01	01	04
HY010105	HYMENOPTERA	01	01	05
HY010106	HYMENOPTERA	01	01	06
HYAN0101	HYMENOPTERA	Anthophoridae	01	01
HYMU0101	HYMENOPTERA	Mutillidae	01	01
HYMU0102	HYMENOPTERA	Mutillidae	01	02
HYMU0103	HYMENOPTERA	Mutillidae	01	03
HYPO0101	HYMENOPTERA	Pompilidae	01	01
HYPOPE01	HYMENOPTERA	Pompilidae	Pepsis	01
HYSP0102	HYMENOPTERA	Sphecidae	01	02
HYSP0103	HYMENOPTERA	Sphecidae	01	03
HYSPBE01	HYMENOPTERA	Sphecidae	Bembix	01
HYTI0101	HYMENOPTERA	Tiphiidae	01	01
HYTI0102	HYMENOPTERA	Tiphiidae	01	02
HYVE0101	HYMENOPTERA	Vespidae	01	01
HYVEVE01	HYMENOPTERA	Vespidae	Vespula	01
MAMAYESO	MANTODEA	Mantidae	Yersiniops	solitarium
MIME0101	MICROCORYPHIA	Meinertellidae	01	01
MIME0102	MICROCORYPHIA	Meinertellidae	01	02
MIME0103	MICROCORYPHIA	Meinertellidae	01	03
MIME0104	MICROCORYPHIA	Meinertellidae	01	04
NUMY0101	NEUROPTERA	Myrmelintidae	01	01
OP010101	OPILIONES	01	01	01
OP010102	OPILIONES	01	01	02
OP010103	OPILIONES	01	01	03
OP010104	OPILIONES	01	01	04
OP010105	OPILIONES	01	01	05
OP010106	OPILIONES	01	01	06
ORACARCO	ORTHOPTERA	Acrididae	Arphia	conspersa
ORACARPS	ORTHOPTERA	Acrididae	Arphia	pseudonietana
ORACCAPE	ORTHOPTERA	Acrididae	Camnula	pellucida
ORACCHCU	ORTHOPTERA	Acrididae	Chorthippus	curtipennis
ORACCIRA	ORTHOPTERA	Acrididae	Circotettix	rabula

ORACERSI	ORTHOPTERA	Acrididae	Eritettix	simplex
ORACHEVI	ORTHOPTERA	Acrididae	Herperotettix	viridis
ORACME01	ORTHOPTERA	Acrididae	Melanoplus	01
ORACME02	ORTHOPTERA	Acrididae	Melanoplus	02
ORACME03	ORTHOPTERA	Acrididae	Melanoplus	03
ORACMEAR	ORTHOPTERA	Acrididae	Melanoplus	aridus
ORACMEOC	ORTHOPTERA	Acrididae	Melanoplus	occidentalis
ORACMESP	ORTHOPTERA	Acrididae	Melanoplus	splendidus
ORACOPOB	ORTHOPTERA	Acrididae	Opeia	obscura
ORACPSTE	ORTHOPTERA	Acrididae	Psoloessa	texana
ORACTACO	ORTHOPTERA	Acrididae	Trachyrachis	coronata
ORACTR01	ORTHOPTERA	Acrididae	Trimerotropis	01
ORACTRFR	ORTHOPTERA	Acrididae	Trimerotropis	fraturcula
ORACTRMO	ORTHOPTERA	Acrididae	Trimerotropis	modesta
ORACTRPA	ORTHOPTERA	Acrididae	Trimerotropis	pallidipennis
ORGRCYCO	ORTHOPTERA	Gryllidae	Cycloptilum	comprehendens
ORGRGR01	ORTHOPTERA	Gryllidae	Grullus	01
ORGROECA	ORTHOPTERA	Gryllidae	Oecanthus	californicus
ORGROEFU	ORTHOPTERA	Gryllidae	Oecanthus	fultoni
ORGYCE01	ORTHOPTERA	Gryllacrididae	Ceuthophilus	01
ORGYCEPA	ORTHOPTERA	Gryllacrididae	Ceuthophilus	pallidus
ORGYCEUT	ORTHOPTERA	Gryllacrididae	Ceuthophilus	utahensis
ORGYSTFU	ORTHOPTERA	Grullacrididae	Stenopelmatus	fuscus
ORGYSTNE	ORTHOPTERA	Gryllacrididae	Styracosceles	neomexicana
ORTEAR01	ORTHOPTERA	Tettigoniidae	Arethaea	01
PS010101	PSEUDOSCORPIONES	01	01	01
SI010101	SIPHONOPTERA	01	01	01
S0010101	SOLPUGIDA	01	01	01
S0010102	SOLPUGIDA	01	01	02
S0010103	SOLPUGIDA	01	01	03
S0010104	SOLPUGIDA	01	01	04

Appendix 6.

Numbers of OTU's from the various arthropod orders tabulated from the ³two study sites over the 1992³ sampling season. OTU's representing undetermined immature individuals are not included.

ORDER	NUMBERS OF OTU'S			
	PINON/ JUNIPER SITE	PONDEROSA PINE SITE	MIXED CONIFER SITE	TOTAL FOR ORDER
Araneae (spiders)	25	31	45	62
Opiliones (harvestmen)	5	4	4	6
Solpugida (sunspiders)	3	1	0	3
Chilopoda (Class) (centipedes)	2	2	3	2 ³⁺
Diplopoda (Class) (millipedes)	2	1	1	2
Microcoryphia (bristletails)	2	2	1	3
Orthoptera (grasshoppers, crickets)	27	7	7	32
Hemiptera (true bugs)	6	3	6	11
Coleoptera (beetles)	43	63	55	120
TOTAL NUMBERS:	115	114	122	243

Appendix 7. Summary of numbers of individuals of all taxa from the pinon/juniper, ponderosa, and mixed conifer sites. OTU's representing undetermined immature individuals are included. See following pages.

SUMMARY OF SPECIES OCCURRENCES BY SITE

72
15:03 Saturday, June 25, 1994

	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
SPECIES			
AR010101	.	3.00	3.00
AR010102	3.00	.	.
AR010103	281.00	.	.
AR010104	1.00	.	.
AR010105	6.00	.	.
AR010106	2.00	.	.
AR010107	3.00	.	.
AR010108	1.00	.	.
AR010110	1.00	.	.
AR010111	.	2.00	.
AR010112	5.00	.	.
AR010116	1.00	74.00	.
AR010117	.	18.00	.
AR010118	.	5.00	3.00
AR010119	4.00	.	1.00
AR010120	.	.	1.00
AR010126	5.00	.	.
AR010127	.	.	1.00
AR010128	.	.	1.00
AR010129	1.00	.	.
AR010130	1.00	.	.
AR010131	2.00	.	.
ARCL0101	10.00	1.00	2.00

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

73
15:03 Saturday, June 25, 1994

SPECIES	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
ARCL0102	10.00	.	14.00
ARCL0103	59.00	.	5.00
ARCL0104	59.00	30.00	47.00
ARCL0105	3.00	.	1.00
ARCL0106	1.00	.	2.00
ARCL0108	1.00	.	.
ARGN0101	67.00	125.00	64.00
ARGN0102	7.00	23.00	11.00
ARGN0103	203.00	122.00	6.00
ARGN0104	2.00	.	10.00
ARGN0105	9.00	.	2.00
ARGN0106	8.00	.	.
ARGN0107	7.00	.	50.00
ARGN0108	15.00	.	.
ARLY0101	11.00	75.00	9.00
ARLY0102	12.00	2.00	.
ARLY0103	45.00	88.00	19.00
ARLY0104	.	73.00	.
ARLY0105	18.00	.	5.00
ARLY0106	1.00	.	1.00
ARLY0107	2.00	.	9.00
ARLYGE01	.	.	2.00
ARLYPA01	52.00	25.00	144.00

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

74
15:03 Saturday, June 25, 1994

SPECIES	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
ARLYPA02	583.00	66.00	28.00
ARLYPA03	.	9.00	5.00
ARLYPA04	25.00	.	175.00
ARLYPA05	3.00	.	.
ARPH0101	.	1.00	.
ARSA0101	.	5.00	.
ARSA0105	.	1.00	.
ARTH0101	7.00	22.00	18.00
ARTH0102	1.00	.	.
ARTH0103	2.00	1.00	.
ARTH0104	.	.	3.00
ARTH0105	.	.	1.00
ARTH0108	.	1.00	.
ARTR0101	6.00	.	.
ARTR0106	4.00	1.00	.
ARTRLAHE	.	5.00	.
CH010101	78.00	19.00	21.00
CH010102	13.00	.	1.00
CH010103	6.00	.	.
CH010104	.	1.00	.
CO010101	1.00	.	35.00
CO010104	8.00	.	.
CO010105	1.00	.	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

75
15:03 Saturday, June 25, 1994

SPECIES	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
CO010106	1.00	.	.
CO010107	.	.	1.00
CO010109	.	5.00	.
CO010110	.	1.00	1.00
CO010111	.	1.00	.
CO010112	2.00	.	2.00
CO010114	.	.	1.00
CO010115	.	.	2.00
CO010116	.	1.00	.
CO010117	.	.	28.00
CO010120	.	.	6.00
CO010125	.	.	4.00
CO010126	.	.	2.00
CO010127	.	.	1.00
CO010128	1.00	.	.
CO010129	.	.	1.00
CO010130	.	1.00	5.00
CO010131	.	.	1.00
CO010132	.	.	1.00
CO010133	.	.	1.00
CO010134	.	.	1.00
CO010136	11.00	.	.
CO010137	1.00	.	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

76
15:03 Saturday, June 25, 1994

SPECIES	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
CO010138	4.00	.	.
CO010139	47.00	.	.
CO010141	1.00	1.00	.
CO010143	.	2.00	.
CO010144	.	9.00	.
CO010225	.	.	1.00
COCA0102	.	.	3.00
COCA0103	.	.	5.00
COCA0110	.	6.00	.
COCA0112	17.00	.	56.00
COCA0116	2.00	.	.
COCA0117	.	.	1.00
COCA0118	9.00	.	.
COCA0119	1.00	.	.
COCA0121	.	1.00	.
COCACAIN	15.00	.	.
COCACATA	91.00	2.00	24.00
COCACH01	7.00	.	3.00
COCACHTO	3.00	.	.
COCACYCR	155.00	.	3.00
COCACYPU	11.00	7.00	1.00
COCANOSE	50.00	.	.
COCAPTAD	42.00	.	8.00

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

77
15:03 Saturday, June 25, 1994

SPECIES	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
COCAPTCU	48.00	.	.
COCAPTLU	659.00	.	4.00
COCAPPLY	26.00	.	.
COCARHUM	1061.00	15.00	35.00
COCASC01	3.00	.	.
COCERHUM	58.00	.	.
COCH0102	2.00	.	1.00
COCICI01	.	8.00	.
COCR0102	84.00	.	1602.00
COCR0104	2.00	12.00	1.00
COCR0105	42.00	.	7.00
COCR0106	.	.	2.00
COCR0107	.	.	3.00
COCR0108	.	.	4.00
COCR0109	.	.	1.00
COCS0101	.	.	1.00
COCU0103	.	1.00	.
COCU0104	4.00	1.00	9.00
COCU0105	.	1.00	.
COCU0106	.	6.00	.
COCU0107	.	.	2.00
COCU0108	.	.	1.00
COCU0111	.	.	1.00

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

78
15:03 Saturday, June 25, 1994

SPECIES	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
COCU0112	.	.	2.00
COCU0113	1.00	.	.
COCU0114	5.00	.	.
COCU0115	1.00	.	.
COCU0116	1.00	.	.
COCU0117	1.00	.	.
COCU0118	.	3.00	.
COEL0101	.	65.00	1.00
COEL0102	3.00	1.00	.
COEL0103	1.00	.	2.00
COEL0104	1.00	.	1.00
COEL0105	1.00	3.00	.
COEL0106	.	25.00	3.00
COEL0108	1.00	.	2.00
COEL0109	2.00	.	.
COEL0110	.	1.00	.
COEL0113	.	2.00	.
COSC0101	.	2.00	6.00
COSC0102	.	15.00	.
COSC0103	.	2.00	.
COSC0105	.	54.00	1.00
COSC0106	.	41.00	2.00
COSC0107	.	4.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

79
15:03 Saturday, June 25, 1994

	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
SPECIES			
COSC0108	.	14.00	.
COSC0109	.	.	3.00
COSC0110	.	.	1.00
COSINI01	.	8.00	.
COST0103	196.00	.	374.00
COST0104	1.00	.	.
COST0105	1.00	.	.
COST0107	1.00	.	.
COST0108	2.00	.	1.00
COST0111	.	29.00	.
COST0112	29.00	.	133.00
COST0115	16.00	.	.
COST0116	.	1.00	.
COTE0101	.	1.00	.
COTE0105	.	1.00	.
COTE0110	.	.	1.00
COTEEL07	12.00	.	2.00
COTEEL08	.	.	2.00
COTEEL09	.	.	1.00
COTEELEX	1.00	98.00	6.00
COTEELHO	3.00	28.00	1.00
COTEEL0B	.	96.00	.
COTEELSP	.	.	1.00

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

80
15:03 Saturday, June 25, 1994

SPECIES	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
COTEEM01	.	7.00	.
COTEST01	.	3.00	.
CP010142	.	1.00	.
DI010101	23.00	53.00	28.00
DI010105	.	1.00	.
DIMAYESO	.	14.00	.
DIPOARER	.	1.00	.
HE010101	1.00	.	.
HEAL0101	.	1.00	.
HEAR0101	2.00	.	.
HECY0101	.	1.00	.
HELY0103	179.00	2.00	2.00
HELY0104	1.00	.	.
HELY0105	2.00	.	.
HELY0108	.	1.00	3.00
HELYLY01	.	1.00	1.00
HELYPA02	2.00	.	.
HEMI0104	.	1.00	.
HY010101	2.00	.	.
HY010103	17.00	.	.
HY010104	.	.	1.00
HY010105	1.00	1.00	.
HY010106	3.00	.	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

15:03 Saturday, June 25, 1994 81

	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
SPECIES			
HYAN0101	.	1.00	.
HYPO0101	3.00	24.00	11.00
HYPO0104	.	1.00	.
HYSP0101	.	.	2.00
HYVEVE01	180.00	3.00	367.00
MIME0101	.	3897.00	77.00
MIME0103	.	18.00	.
MIME0104	1.00	.	2.00
NUMY0101	.	2.00	.
OP010101	20.00	10.00	15.00
OP010102	.	.	4.00
OP010103	1947.00	97.00	108.00
OP010104	58.00	5.00	1.00
OP010105	1.00	5.00	.
OP010116	.	1.00	.
ORAC0101	.	1.00	.
ORACAECL	.	1.00	.
ORACARCO	2.00	9.00	.
ORACCAPE	3.00	12.00	.
ORACCHCU	.	1.00	3.00
ORACCIRA	.	1.00	.
ORACERSI	.	9.00	2.00
ORACME01	7.00	5.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

82
15:03 Saturday, June 25, 1994

	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
SPECIES			
ORACME02	.	1.00	.
ORACME03	3.00	.	.
ORACMEAR	.	4.00	.
ORACMEOC	7.00	12.00	.
ORACMESP	.	8.00	.
ORACOECA	.	1.00	.
ORACPSDE	.	1.00	.
ORACPSTE	.	15.00	.
ORACTACO	.	3.00	.
ORACTR01	.	4.00	.
ORACTRMO	.	6.00	.
ORACTR01	1.00	.	.
ORACTRPA	.	1.00	.
ORACTRSU	.	.	1.00
ORGGRG01	.	2.00	.
ORGN0101	.	.	4.00
ORGRCY01	.	61.00	.
ORGRGR01	.	68.00	14.00
ORGROECA	.	24.00	.
ORGYCE01	.	1.00	.
ORGYCEPA	.	5.00	.
ORGYCEUT	2014.00	101.00	492.00
ORGYSTFU	.	44.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY SITE

83
15:03 Saturday, June 25, 1994

	SITE		
	MC	PJ	PP
	COUNT	COUNT	COUNT
	SUM	SUM	SUM
SPECIES			
ORGYSTNE	.	.	8.00
SO010101	.	37.00	10.00
SO010102	.	2.00	.
SO010103	.	1.00	.
XXXXXXXXX	.	0.00	0.00

Appendix 8.

Summary of numbers of individuals of all taxa from winter, spring, summer and autumn samples. ^{Winter}Summer includes the trapping period November 1992 to March 1993, spring from March-June 1993, summer from June-August 1993, and autumn from August-November 1993. See following pages.

Season
SUMMARY OF SPECIES OCCURRENCES BY TIME

60
15:03 Saturday, June 25, 1994

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
AR010101	1.00	3.00	2.00	.
AR010102	1.00	2.00	.	.
AR010103	230.00	28.00	22.00	.
AR010104	.	.	1.00	.
AR010105	2.00	.	.	.
AR010106	.	2.00	.	.
AR010107	.	.	3.00	.
AR010108	1.00	.	.	.
AR010110	.	1.00	.	.
AR010111	.	.	.	2.00
AR010112	.	.	5.00	.
AR010116	.	.	1.00	74.00
AR010117	.	.	.	18.00
AR010118	2.00	3.00	1.00	2.00
AR010119	2.00	2.00	1.00	.
AR010120	.	.	1.00	.
AR010126	4.00	.	1.00	.
AR010127	.	.	1.00	.
AR010128	.	.	1.00	.
AR010129	.	.	1.00	.
AR010131	2.00	.	.	.
ARCL0101	3.00	5.00	5.00	.
ARCL0102	3.00	3.00	18.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

61
15:03 Saturday, June 25, 1994

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
ARCL0103	23.00	1.00	7.00	.
ARCL0104	78.00	12.00	24.00	20.00
ARCL0105	.	2.00	2.00	.
ARCL0106	2.00	.	1.00	.
ARCL0108	.	.	1.00	.
ARGN0101	38.00	65.00	146.00	6.00
ARGN0102	6.00	24.00	10.00	.
ARGN0103	116.00	65.00	38.00	.
ARGN0104	5.00	1.00	6.00	.
ARGN0105	2.00	4.00	5.00	.
ARGN0106	.	.	5.00	.
ARGN0107	17.00	5.00	33.00	.
ARGN0108	.	.	14.00	.
ARLY0101	11.00	2.00	77.00	4.00
ARLY0102	2.00	4.00	8.00	.
ARLY0103	21.00	33.00	94.00	.
ARLY0104	.	43.00	.	30.00
ARLY0105	.	2.00	21.00	.
ARLY0106	1.00	.	.	.
ARLY0107	5.00	.	6.00	.
ARLYGE01	.	.	2.00	.
ARLYPA01	48.00	18.00	152.00	.
ARLYPA02	23.00	89.00	534.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

15:03 Saturday, June 25, 1994 62

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
ARLYPA03	6.00	6.00	2.00	.
ARLYPA04	12.00	4.00	182.00	.
ARLYPA05	.	.	3.00	.
ARPH0101	.	.	1.00	.
ARSA0101	.	3.00	1.00	1.00
ARSA0105	.	1.00	.	.
ARTH0101	16.00	19.00	10.00	2.00
ARTH0102	1.00	.	.	.
ARTH0103	1.00	.	2.00	.
ARTH0104	1.00	.	2.00	.
ARTH0105	.	.	1.00	.
ARTH0108	.	.	1.00	.
ARTR0101	.	.	6.00	.
ARTR0106	2.00	.	2.00	.
ARTRLAHE	4.00	.	1.00	.
CH010101	35.00	19.00	44.00	2.00
CH010102	12.00	.	2.00	.
CH010103	3.00	.	2.00	.
CH010104	.	.	1.00	.
CO010101	.	.	36.00	.
CO010104	.	3.00	5.00	.
CO010105	.	.	1.00	.
CO010106	.	.	1.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

63
15:03 Saturday, June 25, 1994

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
CO010107	1.00	.	.	.
CO010109	.	5.00	.	.
CO010110	1.00	.	.	1.00
CO010111	.	.	.	1.00
CO010112	3.00	.	1.00	.
CO010114	.	.	1.00	.
CO010115	.	.	2.00	.
CO010116	.	1.00	.	.
CO010117	.	.	28.00	.
CO010120	5.00	.	1.00	.
CO010125	4.00	.	.	.
CO010126	1.00	.	1.00	.
CO010127	1.00	.	.	.
CO010128	.	.	1.00	.
CO010129	.	.	1.00	.
CO010130	.	.	6.00	.
CO010131	1.00	.	.	.
CO010132	1.00	.	.	.
CO010133	.	.	1.00	.
CO010134	.	.	1.00	.
CO010136	.	11.00	.	.
CO010137	.	1.00	.	.
CO010138	.	.	4.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

64
15:03 Saturday, June 25, 1994

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
CO010139	.	.	47.00	.
CO010141	.	1.00	1.00	.
CO010143	.	2.00	.	.
CO010144	.	8.00	1.00	.
CO010225	.	.	1.00	.
COCA0102	.	.	3.00	.
COCA0103	5.00	.	.	.
COCA0110	.	6.00	.	.
COCA0112	37.00	.	35.00	.
COCA0116	.	1.00	1.00	.
COCA0117	.	.	1.00	.
COCA0118	.	8.00	1.00	.
COCA0119	.	1.00	.	.
COCA0121	1.00	.	.	.
COCACAIN	.	7.00	8.00	.
COCACATA	14.00	10.00	39.00	.
COCACH01	6.00	.	4.00	.
COCACHTO	.	.	2.00	.
COCACYCR	1.00	86.00	71.00	.
COCACYPU	7.00	10.00	2.00	.
COCANOSE	.	30.00	20.00	.
COCAPTAD	3.00	25.00	22.00	.
COCAPTCU	.	48.00	.	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

65
15:03 Saturday, June 25, 1994

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
COCAPTLU	21.00	127.00	424.00	.
COCAPPLY	16.00	.	10.00	.
COCARHUM	244.00	4.00	140.00	.
COCASC01	.	.	3.00	.
COCERHUM	.	.	15.00	.
COCH0102	1.00	.	2.00	.
COCICI01	.	.	8.00	.
COCR0102	121.00	19.00	1544.00	.
COCR0104	1.00	4.00	2.00	8.00
COCR0105	3.00	.	46.00	.
COCR0106	2.00	.	.	.
COCR0107	3.00	.	.	.
COCR0108	4.00	.	.	.
COCR0109	1.00	.	.	.
COCS0101	1.00	.	.	.
COCU0103	.	.	1.00	.
COCU0104	1.00	2.00	11.00	.
COCU0105	.	.	1.00	.
COCU0106	1.00	3.00	2.00	.
COCU0107	.	.	2.00	.
COCU0108	.	.	1.00	.
COCU0111	.	.	1.00	.
COCU0112	1.00	.	1.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

66
15:03 Saturday, June 25, 1994

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
COCU0113	.	1.00	.	.
COCU0114	.	5.00	.	.
COCU0115	.	1.00	.	.
COCU0116	.	.	1.00	.
COCU0117	.	.	1.00	.
COCU0118	.	2.00	1.00	.
COEL0101	8.00	3.00	55.00	.
COEL0102	.	.	4.00	.
COEL0103	1.00	.	2.00	.
COEL0104	.	.	2.00	.
COEL0105	.	3.00	1.00	.
COEL0106	.	.	28.00	.
COEL0108	.	.	3.00	.
COEL0109	.	.	1.00	.
COEL0110	.	.	1.00	.
COEL0113	.	.	2.00	.
COSC0101	2.00	1.00	5.00	.
COSC0102	.	2.00	13.00	.
COSC0103	.	.	2.00	.
COSC0105	18.00	19.00	18.00	.
COSC0106	6.00	.	37.00	.
COSC0107	1.00	.	3.00	.
COSC0108	.	.	14.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

67
15:03 Saturday, June 25, 1994

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
COSC0109	.	.	3.00	.
COSC0110	.	.	1.00	.
COSINI01	.	8.00	.	.
COST0103	299.00	11.00	236.00	.
COST0105	.	.	1.00	.
COST0107	.	.	1.00	.
COST0108	1.00	.	2.00	.
COST0111	.	.	.	29.00
COST0112	117.00	9.00	27.00	.
COST0115	.	6.00	10.00	.
COST0116	.	1.00	.	.
COTE0101	.	1.00	.	.
COTE0105	.	1.00	.	.
COTE0110	.	.	1.00	.
COTEEL07	1.00	.	13.00	.
COTEEL08	.	.	2.00	.
COTEEL09	1.00	.	.	.
COTEELEX	3.00	18.00	84.00	.
COTEELHO	.	16.00	16.00	.
COTEEL0B	10.00	28.00	58.00	.
COTEELSP	1.00	.	.	.
COTEEM01	1.00	4.00	2.00	.
COTEST01	.	3.00	.	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

68
15:03 Saturday, June 25, 1994

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
CP010142	.	1.00	.	.
DI010101	51.00	19.00	17.00	4.00
DI010105	1.00	.	.	.
DIMAYESO	5.00	.	9.00	.
DIPOARER	.	.	1.00	.
HE010101	.	.	1.00	.
HEAL0101	1.00	.	.	.
HEAR0101	.	1.00	1.00	.
HECY0101	.	.	1.00	.
HELY0103	1.00	9.00	89.00	.
HELY0104	1.00	.	.	.
HELY0105	.	2.00	.	.
HELY0108	.	.	4.00	.
HELYLY01	.	.	2.00	.
HEMI0104	.	.	.	1.00
HY010103	.	.	15.00	.
HY010104	.	.	1.00	.
HY010105	.	1.00	1.00	.
HY010106	.	.	3.00	.
HYAN0101	1.00	.	.	.
HYPO0101	6.00	6.00	26.00	.
HYPO0104	.	.	1.00	.
HYSP0101	.	.	2.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

15:03 Saturday, June 25, 1994 69

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
HYVEVE01	266.00	.	163.00	.
MIME0101	209.00	93.00	3672.00	.
MIME0103	18.00	.	.	.
MIME0104	2.00	.	.	.
NUMY0101	.	.	.	2.00
OP010101	26.00	.	17.00	.
OP010102	4.00	.	.	.
OP010103	525.00	152.00	987.00	.
OP010104	19.00	9.00	32.00	.
OP010105	5.00	.	.	.
OP010116	.	1.00	.	.
ORAC0101	.	.	1.00	.
ORACAECL	.	1.00	.	.
ORACARCO	.	1.00	7.00	3.00
ORACCAPE	13.00	1.00	1.00	.
ORACCHCU	1.00	.	3.00	.
ORACCIRA	.	.	1.00	.
ORACERSI	5.00	.	5.00	1.00
ORACME01	4.00	.	8.00	.
ORACME02	.	.	1.00	.
ORACME03	3.00	.	.	.
ORACMEAR	3.00	.	1.00	.
ORACMEOC	8.00	4.00	6.00	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

70
15:03 Saturday, June 25, 1994

SPECIES	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
ORACMESP	1.00	.	7.00	.
ORACOECA	.	.	1.00	.
ORACPSDE	.	.	1.00	.
ORACPSTE	2.00	4.00	8.00	1.00
ORACTACO	.	.	3.00	.
ORACTR01	.	.	4.00	.
ORACTRMO	.	6.00	.	.
ORACTR01	.	1.00	.	.
ORACTRPA	1.00	.	.	.
ORACTRSU	1.00	.	.	.
ORGGRG01	.	.	2.00	.
ORGN0101	4.00	.	.	.
ORGRCY01	55.00	.	6.00	.
ORGRGR01	37.00	14.00	29.00	2.00
ORGROECA	8.00	.	16.00	.
ORGYCE01	1.00	.	.	.
ORGYCEPA	.	5.00	.	.
ORGYCEUT	373.00	168.00	1636.00	.
ORGYSTFU	5.00	4.00	34.00	1.00
ORGYSTNE	7.00	.	1.00	.
SO010101	9.00	3.00	35.00	.
SO010102	.	1.00	.	1.00
SO010103	.	1.00	.	.

(CONTINUED)

SUMMARY OF SPECIES OCCURRENCES BY TIME

71
15:03 Saturday, June 25, 1994

	PERIOD			
	AUTUMN	SPRING	SUMMER	WINTER
	COUNT	COUNT	COUNT	COUNT
	SUM	SUM	SUM	SUM
SPECIES				
XXXXXXXXX	0.00	.	0.00	0.00

Appendix 9. The La Mesa fire arthropod report. See following pages.