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CONSERVATION AND SYSTEMATICS OF HAITIAN FROGS OF THE GENUS
ELEUTHERODACTYLUS

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ABSTRACT

Haiti is one of the hottest biodiversity hot spots in the world with 63 native amphibian species and only 1 per cent of forest cover remaining. Stringent enforcement of protected lands needs to be prioritized with a synchronous effort to alleviate poverty, reduce the fertility rate, and replace the current source of cooking fuel, charcoal, with another energy source that does not consume natural forests. This study examined 158 specimens of 21 species from three subgenera of terrestrial breeding frogs of the genus *Eleutherodactylus*. Phylogenetic analysis resulted in the presumed identification of eight additional species of which seven exist in Haiti. Extrapolation of results, only from the species of which sample size was five or greater, suggests that only slightly more than a half of all frog species in Haiti have been described and that there are at least 49 endemic, undiscovered species of *Eleutherodactylus* in Haiti. This suggests that there is an unclassified biodiversity still in existence today on Hispaniola and highlights the urgent need for conservation measures and increased systematic research in this region.

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INTRODUCTION

History of Environmental Destruction in Haiti

Today, Haiti is undergoing an ecological disaster. Only 400 years ago, 80 per cent of land in Haiti was covered by lush, green vegetation but now, only 1 per cent of forest cover remains (Swartley & Toussaint, 2006). During the period of French colonization in the 17th century, the environmental destruction began. The French brought over black slaves from Africa to act as agricultural laborers. They also introduced the unsustainable practice of logging to raze the land for the production of cash crops such as sugar cane, cotton, and coffee beans. Despite the environmental destruction caused by the French during colonial rule, some argue that it was actually the American occupation of Haiti between 1915 and 1935 as per the command of President Woodrow Wilson that resulted in the most disastrous deforestation – a legacy that continues today.

Prior to takeover by American forces, approximately 60 per cent of forest cover remained. In other words, 20 per cent had disappeared since French rule. But ten years after the end of American occupation, only 21 per cent of forest cover remained. Many attribute the land ownership policies put in place during this time to a large part of the problem (Stevenson 1989).

To further complicate conservation efforts, Haiti is the poorest country in the Western hemisphere with 80 per cent of people living below the poverty line and 54 per cent of people living in abject poverty (CIA 2003). According to The World Bank (2011), the population of Haiti is greater than 10 million with projections for rapid growth due to the

fertility rate of 3.07 children per woman (CIA 2011). There is widespread unemployment and underemployment leaving many families desperate for cash (CIA 2011). The Haitian government has been able to do little to address the needs of its citizens as there is endemic institutional weakness and a complete lack of infrastructure to effectively support even foreign aid programs (USAID 2006). The realities of life in Haiti clearly reveal that solutions aimed at slowing or stopping environmental degradation must dually address the urgent needs of the human population in order to be effective.

Biodiversity in Haiti

The rapid deforestation and biological diversity of Haiti qualifies it as a biodiversity hot spot. A biodiversity hotspot is a biogeographic region that is host to a high a number of endemic species living in an area where 70 per cent or greater of the vegetation has been destroyed. Fortunately, the hottest hot spots in Haiti are part of the USAID National Parks Project's protected lands: Pic Macaya National Park and Morne La Visite National Park (USAID 2006). Unfortunately, there is little enforcement in place so farmers continue to trespass onto these so-called protected lands (USAID 2006).

It has, at times, been argued that conservation efforts would be more effective in Haiti's neighboring country the Dominican Republic because of improved standards of living and a more stable government. For that to be a viable solution, Haiti and the Dominican Republic would have to share the same fauna. This is not the case. Although Haiti only takes up the lower one third of Hispaniola, the island that it shares with the Dominican Republic, it is home to over 70 per cent of the biodiversity that exists on the

island (USAID 2006). Any effort to preserve the biodiversity in existence on Hispaniola must focus on Haiti first and foremost.

The biodiversity in Haiti is especially rich in regard to the herpetological fauna. There are 63 native and two introduced amphibian species much of which exists in the Massif de la Hotte mountain range – home to the highest density of amphibian species in the West Indies (Hedges 1999).

Importance of Systematic Research

Despite the looming threat of mass extinction and the wealth of animal life in Hispaniola, minimal attention is being paid to the Critically Endangered and Endangered species still in existence. Biologists must identify and describe species before environmental advocacy groups can push for their protection. One challenge that exists is in conducting field work in Haiti. It is an undesirable destination due to political instability, a lack of high quality health care facilities, and the risk of infectious disease especially in the wake of the 2010 earthquake. Nonetheless, in order to fully appreciate the biodiversity in the region, systematic research must be emphasized and expanded upon.

Along with travel precautions, another barrier to systematic research is the misconception that scientific collecting contributes to species extinction (Hedges *et al.* 1991). Currently, there is no evidence to support that claim (Hedges *et al.* 1991). The only evidence that exists around scientific collecting and conservation is that it helps the scientific and environmental communities to identify the species' threat level in order to establish proper protective policies and advisories.

This systematic research study examined frogs of the genus *Eleutherodactylus* in order to better understand the extent of herpetological biodiversity on Hispaniola. The genus *Eleutherodactylus* belongs to the frog taxon Terrarana, containing about 1000 species of New World frogs (Hedges *et al.* 2008). One defining characteristic of *Eleutherodactylus* is direct development (Hedges *et al.* 2008). Direct development means that female frogs lay eggs far from water that hatch into froglets, skipping the tadpole stage. *Eleutherodactylus* frogs are mostly arboreal with expanded digital pads for climbing (Hedges 1989). Included in this study are frogs of three subgenera: *Eleutherodactylus*, *Euhyas*, and *Pelorius*. Within the three subgenera, 21 species, 9 of which had sample sizes of 5 specimens or greater, were represented for a total of 158 specimens.

MATERIALS AND METHODS

Samples

All tissue samples used in this study are the property of S. Blair Hedges. They were collected by hand in Hispaniola during one of multiple field visits for collection and research purposes. Specimens were either stored whole or dissected after being frozen in liquid nitrogen. For the dissected specimens, typically samples of both the liver and leg were stored. All samples were stored in the Hedges laboratory freezer at -80° Celsius.

DNA Extraction

DNA was extracted from frozen tissue using the Qiagen DNeasy Tissue kit. The manufacturer's protocol was followed but with adjustments for samples that did not yield amplified DNA after polymerase chain reaction (PCR). Approximately 25 mg of tissue was cut from the tissue sample using a sterilized razorblade. The tissue was then placed in a micro centrifuge tube containing ATL buffer(180 µL). Proteinase K (20µL) was added to the micro centrifuge tube to lyse the tissue. The mixture was then vortexed for 30 seconds and subsequently left to sit for two and a half to three a half hours. During this incubation period, tubes were intermittently vortexed.

Once the tissue sample appeared to have lysed, the tube was vortexed for 30 seconds. AL buffer (200 µL) and 95 per cent ethanol (200 µL) was added to the micro centrifuge tube. The mixtures in the centrifuge tubes were vortexed for 30 seconds then transferred into a DNAeasy spin column fitted with a 2 mL collection tube. The spin column with collection tube was centrifuged at 8,000 revolutions per minute (rpm) for 60 seconds. The liquid in the collection tube plus the collection tube were discarded and each spin

column was placed atop a new collection tube. Buffer AW1 (500 µL) was added to the spin column with new collection tube. It was then centrifuged at 8,000 rpm for 60 seconds. The waste liquid and collection tube were discarded. The spin column was transferred to a third new collection tube. Buffer AW2 (500 µL) was added to the spin column. It was then centrifuged at 14,000 rpm for 60 seconds in order to be dry the DNAeasy membrane. The waste liquid and collection tube were discarded.

The spin column was placed atop a new 1.5 mL micro centrifuge tube. Buffer AE (200 µL) was added to the spin column and left to incubate for five to ten minutes. The column plus tube were centrifuged at 8,000 rpm for 60 seconds in order to elute the DNA into the AE buffer. The spin column was discarded and each micro centrifuge tube was labeled and stored in the laboratory freezer or refrigerator for future amplification.

DNA Amplification

The mitochondrial gene cytochrome b was amplified using PCR. The reaction mix was prepared in a 1.5 mL micro centrifuge tube and included: dNTP, Taq DNA polymerase, Thermopol buffer, reverse and forward primers, extracted DNA, and distilled water for dilution. The reaction mix was partitioned (48µL) to labeled .2 mL PCR tubes. The corresponding sample (2 µL) was added to each PCR tube. The DNA amplification reactions took place in a GeneAmp PCR Systems 2400 and 2700 thermal cycler. The standard reaction schedule was: hold at 94°C for 2 minutes and 30 seconds, melt at 94°C for 30 seconds, anneal at 50°C for 45 seconds, and extend at 72°C for 45 seconds. The standard reaction was run for 42 cycles. Negative controls were run to ensure that the samples had not been contaminated.

Gel Electrophoresis

Gel electrophoresis was run using the amplified product (5 μ L) mixed with 6x dye (1 μ L) in a gel of high-melting agarose (0.6 grams), TBE (50 mL), and ethidium bromide (4 μ L). Electric current allowed the DNA fragments to separate based on size. After 20 to 35 minutes, the DNA fragments were visualized using an ultraviolet light. The DNA sample corresponding to all bright, neat bands were purified, and sequenced. All dull, smeared bands were discarded and the PCR was re-run for the corresponding sample.

DNA Purification

All amplified DNA samples yielding bright bands following gel electrophoresis were purified in a gel containing low-melting agarose (0.6 grams), TAE (50 mL), and ethidium bromide (6 μ L). An amplified DNA sample (48 μ L) mixed with 6x dye (2 μ L) was pipetted into each well in the agarose gel. The gel electrophoresis ran for about 20 to 25 minutes. Electric current separated the DNA fragments by size.

The bands of amplified DNA were visualized utilizing ultraviolet light. The bands were checked again to ensure that they were sharp and bright with clear-cut borders. All bright, sharp bands were excised from the gel using a scalpel blade and placed in the filter of a labeled Montage DNA gel extraction tube. The DNA gel extraction tube was centrifuged at 8,000 rpm for ten minutes to elute the purified DNA. The filter was discarded and the purified DNA was either stored temporarily in a -4°Celsius freezer or prepared immediately for sequencing.

DNA Sequencing

A ThermoGrid PCR plate was used to prepare the purified DNA for sequencing. Each purified DNA sample (3 μ L) was pipetted into two wells – one with the forward primer (1 μ L) and one with the reverse primer (1 μ L). All sequencing was performed by Pennsylvania State University Nucleic Acid Facility. Each DNA sample was sequenced in the forward and reverse direction. Digital copies of sequences were sent from the Nucleic Acid Facility in order to be analyzed in MEGA version 5.0 (Tamura *et al.* 2010).

Phylogenetic Analysis

All sequences were aligned in MEGA version 5.0 (Tamura *et al.* 2010) by comparison of forward and reverse strands. Chromatograms were consulted in instances when forward and reverse strands did not match. The alignments were created by CLUSTAL W or in some instances, by hand. Following proper alignment of all sequences, a maximum likelihood phylogenetic tree was created using MEGA version 5.0 (Tamura *et al.* 2010). The parameters included: general time reversible model, gamma rate variable among sites, and all sites were used. Bootstrapping (100) was used to insert confidence limits on nodes.

RESULTS AND DISCUSSION

One maximum likelihood phylogenetic tree was created using 158 specimens that represented 3 subgenera and 21 species. All species fit correctly into their classified subgenera: *Eleutherodactylus*, *Euhyas*, or *Pelorius*. An effort was made to sample at least five specimens of each species but DNA amplification often presented a challenge. Many samples were unable to be amplified either due to poor DNA quality or primer mismatch. For most samples, multiple PCR runs were needed using varying temperatures and reaction mixes in order to be amplified successfully. Nine species had a sample size equal to or greater than five specimens. Focusing on just those nine species, the phylogenetic tree indicates that eight new species exist within the sampled populations (Figure 1). The criterion used to determine species status was the amount of genetic divergence being larger than that between pairs of species long considered valid based on morphology, such as *darlingtoni* and *leoncei*, and *grahami* and *pictissimus* (~4–5% pairwise divergence). This indicates that for every one classified frog in Hispaniola, there is likely another that has yet to be described.

The results indicated that considerable genetic divergence within some species is related to geography. This result corresponded to: *E. oxyrhyncus*, *E. furcyensis*, *E. inoptatus*, and *E. audanti*. The species *E. oxyrhyncus* occurs in both the Massif de la Selle and Massif de la Hotte and those two populations were separated genetically. The genetic and morphological divergence among the specimens correlated directly with locality. In other words, *E. oxyrhyncus* underwent allopatric speciation when one population split to inhabit a different mountain range.

Eleutherodactylus furcyensis showed a similar pattern of speciation. Specimens collected from the north slope of la Selle were considerably divergent from those collected from the south slope of La Selle. The divergence within *E. inoptatus* was at the species level and reflected a genetic difference between the species inhabiting the north paleoisland and south paleoisland of Hispaniola. Lastly, *E. audanti* also showed a similar evolutionary trend. Specimens of the high-altitude species *E. audanti* from four different localities—Cabral, Les Platons, Marche Leon, El Aguacate, and Furcy—showed remarkable genetic divergence. El Aguacate and Cabral are localities within the Dominican Republic while Les Platons, Marche Leon, and Furcy are all localities in Haiti. This indicates that there is more to this genetic divergence than just a border.

The opposite result was observed as well. There was little divergence within some species despite vast geographical differences. This result was primarily the case for *E. nortoni*. Specimens of *E. nortoni* collected from Massif de la Selle (Furcy) and Massif de la Hotte (Castillon and Plaine Formon) were remarkably similar. This represents a separate of greater than 200 kilometers. Further research should explore why species of *E. nortoni* from Massif de la Hotte and Massif de la Selle are remarkably similar while species of *E. oxyrhyncus* from those two mountain ranges showed considerable genetic divergence.

According to the International Union for Conservation of Nature and Natural Resources' (IUCN) assessments, three of the presumed new species are considered Critically Endangered, six are labeled as Vulnerable, and one is considered of least concern. IUCN (2011) defines Critically Endangered as “an expected population decline of greater than 80 per cent over the next ten years.” For all species, the factor attributed to the

Critically Endangered status is ongoing habitat destruction (IUCN 2011). Vulnerable is defined as an “extent of occurrence less than 20,000 km²” (IUCN 2011).

Seven of the presumed eight new species live in Haiti, the exception being one from the locality Cabral that likely solely inhabits the Dominican Republic. This was a predicted result considering evidence that over 70 per cent of the biodiversity on Hispaniola exists in Haiti (USAID 2006). This is a critical time for conservation In Haiti with 1 per cent of forest cover left. Without action and enforcement of protected lands, frogs of the genus *Eleutherodactylus* and many other species are at risk for extinction due to habitat destruction (Hedges 1992).

To preserve the biodiversity in Haiti, it is recommended that the United States and other countries around the world support Haiti in efforts of sustainable development (Gray 2005). Because poverty is one of the main factors in habitat destruction of *Eleutherodactylus*, it is critical that any effort to conserve the remaining forest cover address human suffering, as well. Most of the biodiversity within Haiti is already concentrated in the protected lands of Pic Macaya National Park and Morne La Visite National Park (Hedges 1999). Stronger enforcement of policies related to protected lands is highly recommended. Because Haitians are currently encroaching on protected lands for farming and to collect fuelwood, it is crucial that an emergency energy source be imported in bulk to replace the use of charcoal. Examples include propane gas and imported charcoal (S. B. Hedges, personal communication). If these urgent problems start to receive the attention they deserve, there is hope for *Eleutherodactylus* and the Haitian people.

Figure 1. Phylogenetic tree created using Cytochrome B sequence data. Bootstrap values are displayed at nodes.

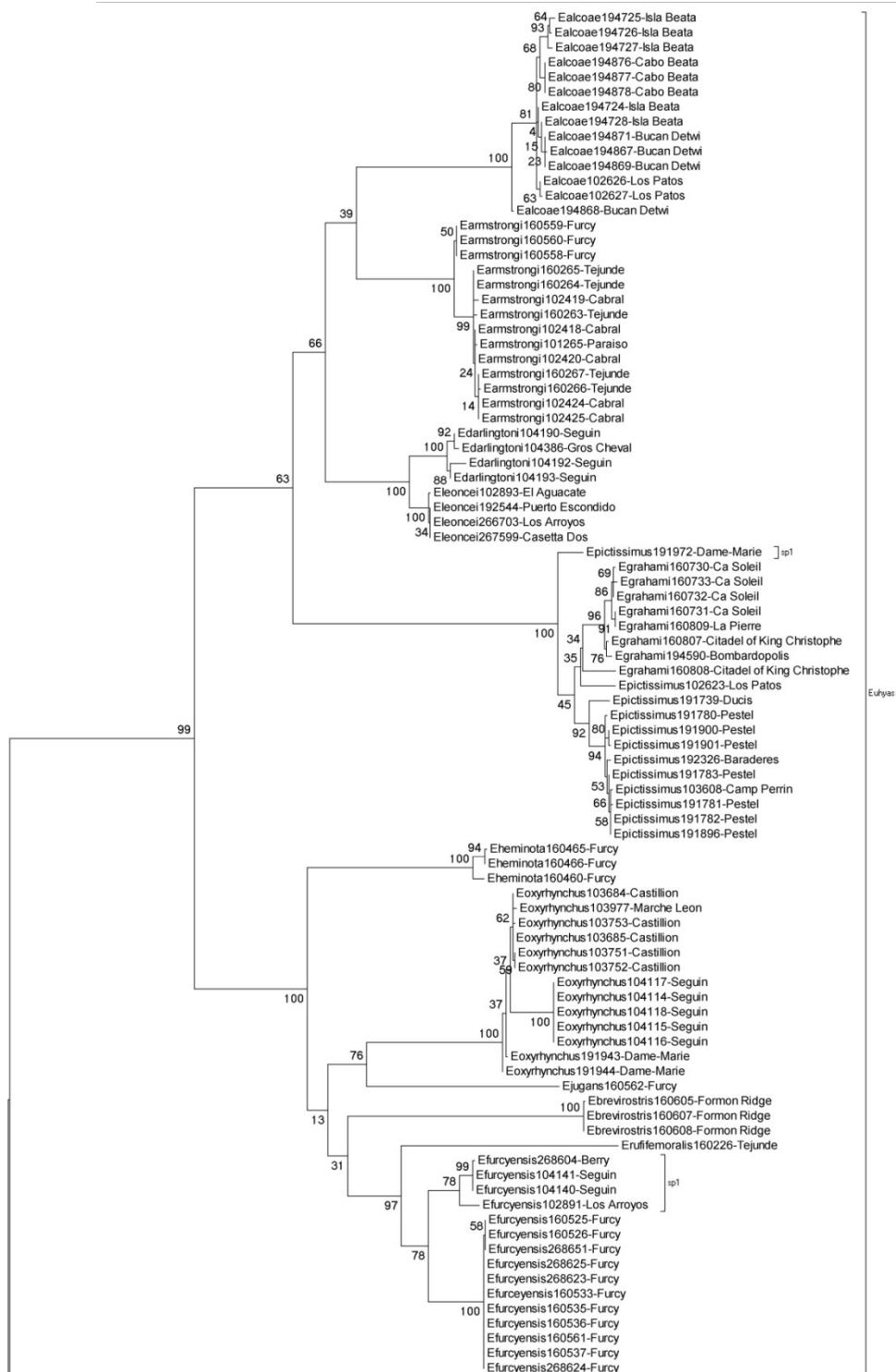
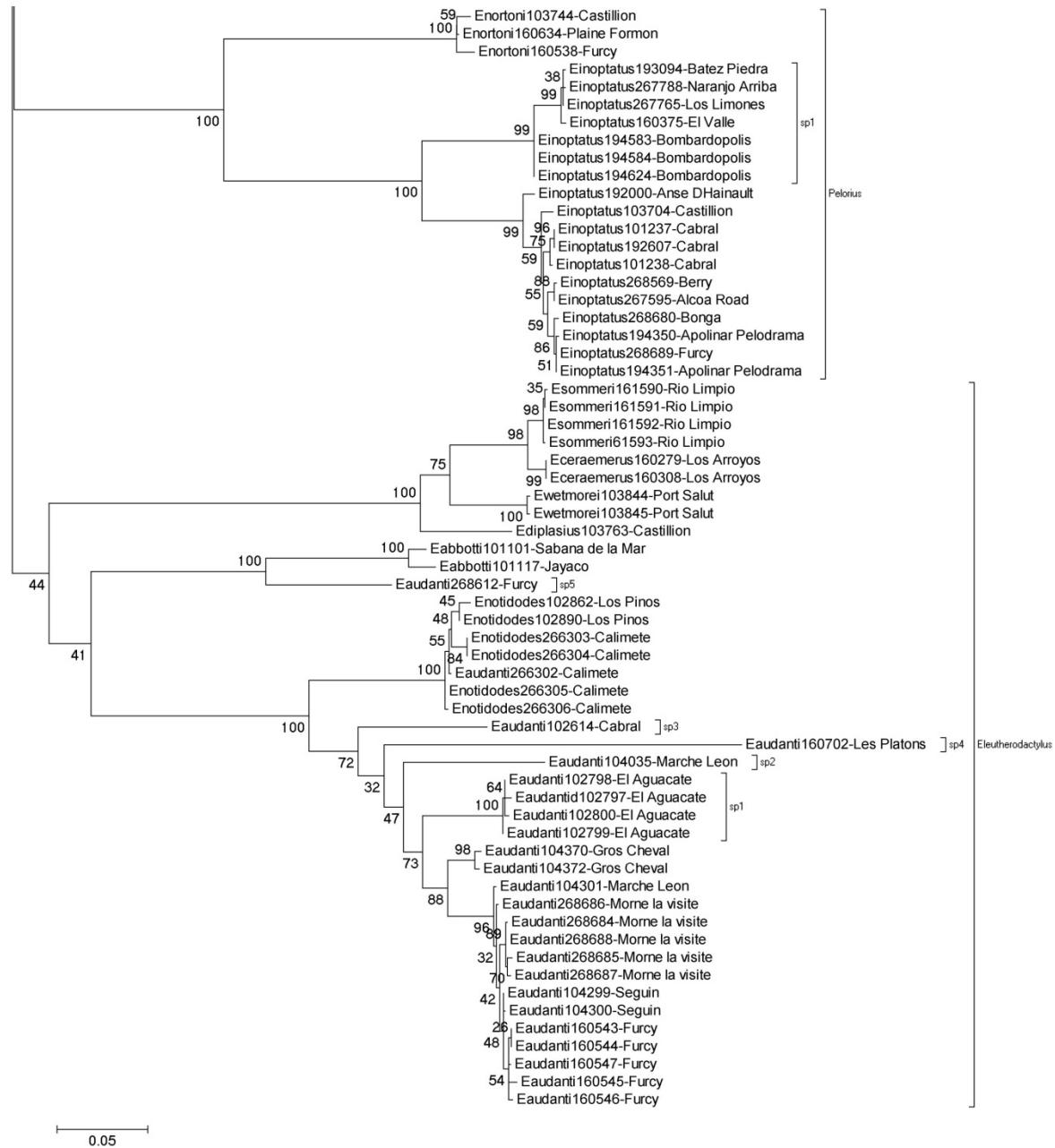


Figure 1 (continued).



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Appendix A. SPECIMEN LOCALITIES. Listed below are localities and specimen numbers of *Eleutherodactylus* used in this study. SBH sample numbers indicate those in the collection of S. Blair Hedges at Pennsylvania State University.

DOMINICAN REPUBLIC

Species	Locality	SBH Sample Number
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Subgenus *Eleutherodactylus*

<i>E. abbotti</i>	Jayaco	101117
<i>E. abbotti</i>	Sabana de la Mar	101101
<i>E. audanti</i>	Cabral	102614
<i>E. audanti</i>	Calimete	266302
<i>E. audanti</i>	El Aguacate	102797
<i>E. audanti</i>	El Aguacate	102798
<i>E. audanti</i>	El Aguacate	102799
<i>E. audanti</i>	El Aguacate	102800
<i>E. ceraemerus</i>	Los Arroyos	160279
<i>E. ceraemerus</i>	Los Arroyos	160308
<i>E. notidodes</i>	Calimete	266303
<i>E. notidodes</i>	Calimete	266304
<i>E. notidodes</i>	Calimete	266305
<i>E. notidodes</i>	Calimete	266306
<i>E. notidodes</i>	Los Pinos	102862
<i>E. notidodes</i>	Los Pinos	102890
<i>E. sommeri</i>	Rio Limpio	161590
<i>E. sommeri</i>	Rio Limpio	161591
<i>E. sommeri</i>	Rio Limpio	161592
<i>E. sommeri</i>	Rio Limpio	161593

Subgenus *Euhyas*

<i>E. alcoae</i>	Cabo Beata	194876
<i>E. alcoae</i>	Cabo Beata	194877
<i>E. alcoae</i>	Cabo Beata	194878
<i>E. alcoae</i>	Isla Beata	194724
<i>E. alcoae</i>	Isla Beata	194725
<i>E. alcoae</i>	Isla Beata	194726
<i>E. alcoae</i>	Isla Beata	194727
<i>E. alcoae</i>	Isla Beata	194728
<i>E. alcoae</i>	Los Patos	102626
<i>E. alcoae</i>	Los Patos	102627
<i>E. armstrongi</i>	Cabral	102418

<i>E. armstrongi</i>	Cabral	102419
<i>E. armstrongi</i>	Cabral	102420
<i>E. armstrongi</i>	Cabral	102424
<i>E. armstrongi</i>	Cabral	102425
<i>E. armstrongi</i>	Paraiso	101265
<i>E. armstrongi</i>	Tejunde	160263
<i>E. armstrongi</i>	Tejunde	160264
<i>E. armstrongi</i>	Tejunde	160265
<i>E. armstrongi</i>	Tejunde	160266
<i>E. armstrongi</i>	Tejunde	160267
<i>E. furcyensis</i>	Los Arroyos	102891
<i>E. leonci</i>	Casetta Dos	267599
<i>E. leonci</i>	El Aguacate	102893
<i>E. leonci</i>	Los Arroyos	266703
<i>E. leonci</i>	Puerto Escondido	192544
<i>E. pictissimus</i>	Los Patos	102623
<i>E. rufifemoralis</i>	Tejunde	160226

Subgenus *Pelorius*

<i>E. inoptatus</i>	Apolinar Pelodrama	194350
<i>E. inoptatus</i>	Apolinar Pelodrama	194351
<i>E. inoptatus</i>	Batez Piedra	193094
<i>E. inoptatus</i>	Cabral	101237
<i>E. inoptatus</i>	Cabral	101238
<i>E. inoptatus</i>	Cabral	192607
<i>E. inoptatus</i>	El Valle	160375
<i>E. inoptatus</i>	Los Limones	267765
<i>E. inoptatus</i>	Naranjo Arriba	267788

HAITI

Species	Locality	SBH Sample Number
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Subgenus *Eleutherodactylus*

<i>E. audanti</i>	Furcy	160543
<i>E. audanti</i>	Furcy	160544
<i>E. audanti</i>	Furcy	160545
<i>E. audanti</i>	Furcy	160546
<i>E. audanti</i>	Furcy	160547
<i>E. audanti</i>	Gros Cheval	104370
<i>E. audanti</i>	Gros Cheval	104372
<i>E. audanti</i>	Les Platons	160702
<i>E. audanti</i>	Marche Leon	104301

<i>E. audanti</i>	Marche Leon	104035
<i>E. audanti</i>	Morne la Visite	268684
<i>E. audanti</i>	Morne la Visite	268685
<i>E. audanti</i>	Morne la Visite	268686
<i>E. audanti</i>	Morne la Visite	268687
<i>E. audanti</i>	Morne la Visite	268688
<i>E. audanti</i>	Seguin	104299
<i>E. audanti</i>	Seguin	104300
<i>E. diplasius</i>	Castillion	103763
<i>E. wetmorei</i>	Port Salut	103844
<i>E. wetmorei</i>	Port Salut	103845

Subgenus *Euhyas*

<i>E. alcoae</i>	Bucan Detwi	194867
<i>E. alcoae</i>	Bucan Detwi	194868
<i>E. alcoae</i>	Bucan Detwi	194869
<i>E. alcoae</i>	Bucan Detwi	194871
<i>E. armstrongi</i>	Furcy	160558
<i>E. armstrongi</i>	Furcy	160559
<i>E. armstrongi</i>	Furcy	160560
<i>E. brevirostris</i>	Formon Ridge	160605
<i>E. brevirostris</i>	Formon Ridge	160607
<i>E. brevirostris</i>	Formon Ridge	160608
<i>E. darlingtoni</i>	Gros Cheval	104386
<i>E. darlingtoni</i>	Seguin	104190
<i>E. darlingtoni</i>	Seguin	104192
<i>E. darlingtoni</i>	Seguin	104193
<i>E. furcyensis</i>	Berry	268604
<i>E. furcyensis</i>	Furcy	160525
<i>E. furcyensis</i>	Furcy	160526
<i>E. furcyensis</i>	Furcy	160533
<i>E. furcyensis</i>	Furcy	160535
<i>E. furcyensis</i>	Furcy	160536
<i>E. furcyensis</i>	Furcy	160537
<i>E. furcyensis</i>	Furcy	160561
<i>E. furcyensis</i>	Furcy	268623
<i>E. furcyensis</i>	Furcy	268624
<i>E. furcyensis</i>	Furcy	268625
<i>E. furcyensis</i>	Furcy	268651
<i>E. furcyensis</i>	Seguin	104140
<i>E. furcyensis</i>	Seguin	104141
<i>E. grahami</i>	Bombardopolis	194590
<i>E. grahami</i>	Ca Soleil	160730

<i>E. grahami</i>	Ca Soleil	160731
<i>E. grahami</i>	Ca Soleil	160732
<i>E. grahami</i>	Ca Soleil	160733
<i>E. grahami</i>	Citadel of King Christophe	160807
<i>E. grahami</i>	Citadel of King Christophe	160808
<i>E. grahami</i>	La Pierre	160809
<i>E. heminota</i>	Furcy	160460
<i>E. heminota</i>	Furcy	160465
<i>E. heminota</i>	Furcy	160466
<i>E. jugans</i>	Furcy	160562
<i>E. oxyrhynchus</i>	Castillion	103684
<i>E. oxyrhynchus</i>	Castillion	103685
<i>E. oxyrhynchus</i>	Castillion	103751
<i>E. oxyrhynchus</i>	Castillion	103752
<i>E. oxyrhynchus</i>	Castillion	103753
<i>E. oxyrhynchus</i>	Dame-Marie	191943
<i>E. oxyrhynchus</i>	Dame-Marie	191944
<i>E. oxyrhynchus</i>	Marche Leon	103977
<i>E. oxyrhynchus</i>	Seguin	104114
<i>E. oxyrhynchus</i>	Seguin	104115
<i>E. oxyrhynchus</i>	Seguin	104116
<i>E. oxyrhynchus</i>	Seguin	104117
<i>E. oxyrhynchus</i>	Seguin	104118
<i>E. pictissimus</i>	Baraderes	192326
<i>E. pictissimus</i>	Camp Perrin	103608
<i>E. pictissimus</i>	Dame-Marie	191972
<i>E. pictissimus</i>	Ducis	191739
<i>E. pictissimus</i>	Pestel	191780
<i>E. pictissimus</i>	Pestel	191781
<i>E. pictissimus</i>	Pestel	191782
<i>E. pictissimus</i>	Pestel	191783
<i>E. pictissimus</i>	Pestel	191896
<i>E. pictissimus</i>	Pestel	191900
<i>E. pictissimus</i>	Pestel	191901

Subgenus *Pelorius*

<i>E. inoptatus</i>	Anse D'Hainault	192000
<i>E. inoptatus</i>	Berry	268560
<i>E. inoptatus</i>	Bombardopolis	194583
<i>E. inoptatus</i>	Bombardopolis	194584
<i>E. inoptatus</i>	Bombardopolis	194624
<i>E. inoptatus</i>	Bonga	268680
<i>E. inoptatus</i>	Castillion	103704

<i>E. inoptatus</i>	Furcy	268689
<i>E. nortoni</i>	Castillion	103744
<i>E. nortoni</i>	Furcy	160538
<i>E. nortoni</i>	Plaine Formon	160634

Appendix B. CYTOCHROME B SEQUENCE DATA.

Eabbotti101101-Sabana_de_la_Mar	-----
-----	-----
Eabbotti101117-Jayaco	-----
-----	-----
Ealcoae102626-Los_Patos	-----
-----	-----
Ealcoae102627-Los_Patos	-----
-----	-----
Ealcoae194724-Isla_Beata	-----
-----	-----
Ealcoae194725-Isla_Beata	-----
TTCTAAAAATCATTAATAATTCT	-----
Ealcoae194726-Isla_Beata	-----
-----	-----
Ealcoae194727-Isla_Beata	-----
-----	-----
Ealcoae194728-Isla_Beata	-----
AGCATCATCCAATTCTAAAAATCATTAATAATTCT	-----
Ealcoae194867-Bucan_Detwi	-----
AAAAATCATTAATAATTCT	-----
Ealcoae194868-Bucan_Detwi	-----
-----	-----
Ealcoae194869-Bucan_Detwi	-----
CATCATCCAATTCTAAAAATCATTAATAATTCT	-----
Ealcoae194871-Bucan_Detwi	-----
AGCATCATCCAATTCTAAAAATCATTAATAATTCT	-----
Ealcoae194876-Cabo_Beata	-----
TACGGAAAGCATCCATTCTAAAAATCATTAATAATTCT	-----
Ealcoae194877-Cabo_Beata	-----
-----	-----
Ealcoae194878-Cabo_Beata	-----
AATCATTAATAATTCT	-----
Earmstrongi101265-Paraiso	-----
-----	-----
Earmstrongi102418-Cabral	-----
-----	-----
Earmstrongi102419-Cabral	-----
-----	-----
Earmstrongi102420-Cabral	-----
-----	-----
Earmstrongi102424-Cabral	-----
AAAATCGCTAACAACTCC	-----
Earmstrongi102425-Cabral	-----
-----	-----
Earmstrongi160263-Te_junde	-----
TACGGAAATATCATCCAATCTTAAAAATCGCTAACAACTCC	-----
Earmstrongi160264-Te_junde	-----
TATACGGAAATATCATCCAGTCTTAAAAATCGCTAACAACTCC	-----
Earmstrongi160265-Te_junde	-----
TATACGGAAATATCATCCAGTCTTAAAAATCGCTAACAACTCC	-----
Earmstrongi160266-Te_junde	-----
CGCTAACAACTCC	-----
Earmstrongi160267-Te_junde	-----
AATGGCCCACACTATACGGAAATATCATCCAGTCTTAAAAATCGCTAACAACTCC	-----
Earmstrongi160558-Furcy	-----
GAAATTATGGCCCACACTATACGGAAATATCATCCAGTCTTAAAAATCGCTAACAACTCC	-----
Earmstrongi160559-Furcy	-----
AATCGCTAACAACTCC	-----

Earmstrongi160560-Furcy -----
 ----TCC
 Eaudanti-sp3_102614-Cabral -----

 Eaudanti-sp1_102798-El_Aguacate -----

 Eaudanti-sp1_102799-El_Aguacate -----

 Eaudanti-sp1_102800-El_Aguacate -----

 Eaudanti-sp2_104035-Marche_Leon -----

 Eaudanti104299-Seguin -----
 TTGCAAAACCCACCAATTAAAAATTGCAAACAACTCC
 Eaudanti104300-Seguin -----
 CGCAAAACCCACCAATTAAAAATTGCAAACAACTCC
 Eaudanti104301-Marche_Leon -----

 Eaudanti104370-Gros_Cheval -----

 Eaudanti104372-Gros_Cheval -----

 Eaudanti160543-Furcy -----

 Eaudanti160544-Furcy -----

 Eaudanti160545-Furcy -----

 Eaudanti160546-Furcy -----

 Eaudanti160547-Furcy -----

 Eaudanti-sp4_160702-Les_Platons -----
 ATGGCACCAATTCCCGCAAGACCCACCGATTTAAAAATAGCTAATAACTCC
 Eaudanti266302-Calimete -----

 Eaudanti-sp5_268612-Furcy -----

 Eaudanti268684-Morne_la_visite -----
 TATGGCACCGATTATCGCAAAACCCACCAATTAAAAATTGCAAACAACTCC
 Eaudanti268685-Morne_la_visite -----
 GATTATTCGCAAAACCCACCAATTAAAAATTGCAAACAACTCC
 Eaudanti268686-Morne_la_visite -----
 GATTATTCGCAAAACCCACCAATTAAAAATTGCAAACAACTCC
 Eaudanti268687-Morne_la_visite -----
 GATTATTCGCAAAACCCACCAATTAAAAATTGCAAACAACTCC
 Eaudanti268688-Morne_la_visite -----
 GATTATTCGCAAAACCCACCAATTAAAAATTGCAAACAACTCC
 Eaudanti-sp1_102797-El_Aguacate -----

 Ebrevirostris160605-Formon_Ridge -----
 AGTCCCACGTACTCTTCAAATTATTAATAACTCT
 Ebrevirostris160607-Formon_Ridge -----
 AGTCCCACGTACTCTTCAAATTATTAATAACTCT
 Ebrevirostris160608-Formon_Ridge -----

 Eceraemerus160279-Los_Arroyos -----
 ATGCCCAATCGTAAAATCACCCATTAAAAATGGTGAATAACTCC
 Eceraemerus160308-Los_Arroyos -----
 ATGCCCAATCGTAAAATCACCCATTAAAAATGGTGAATAACTCC

Edarlingtoni104190-Seguin -----

 Edarlingtoni104192-Seguin -----
 AACATCACTCAGTCTAAAATCATTAAACAATTCC
 Edarlingtoni104193-Seguin -----
 AACATCACTCAGTCTAAAATCATTAAACAATTCC
 Edarlingtoni104386-Gros_Cheval -----
 AAACATCACTCAGTCTAAAATCATTAAACAATTCC
 Ediplasius103763-Castillion -----
 AAAAGTCACCCCATTTAAAATTGCAAATGA?TCC
 Efurcyensis160533-Furcy -----
 AATCCCATTAACTTTAAAATTATAACAACTCC
 Efurcyensis160525-Furcy -----
 AATCCCATTAACTTTAAAATTATAACAACTCC
 Efurcyensis160526-Furcy -----
 AATCCCATTAACTTTAAAATTATAACAACTCC
 Efurcyensis160535-Furcy -----
 AATCCCATTAACTTTAAAATTATAACAACTCC
 Efurcyensis160536-Furcy -----
 AATCCCATTAACTTTAAAATTATAACAACTCC
 Efurcyensis160537-Furcy -----
 AATCCCATTAACTTTAAAATTATAACAACTCC
 Efurcyensis160561-Furcy -----
 AATCCCATTAACTTTAAAATTATAACAACTCC
 Efurcyensis268623-Furcy -----
 TAAAATTATAACAACTCC
 Efurcyensis268624-Furcy -----
 AATCCCATTAACTTTAAAATTATAACAACTCC
 Efurcyensis268625-Furcy -----
 CAACTCC
 Efurcyensis268651-Furcy -----
 TAAAATTATAACAACTCC
 Efurcyensis-sp1_102891-Los_Arroy -----
 TTAGATTATCAACAACTCC
 Efurcyensis-sp1_104140-Seguin -----
 ATTCTGAAATCCCATTAACTTTAAAATTATCAACAACTCC
 Efurcyensis-sp1_104141-Seguin -----
 ATTCTGAAATCCCATTAACTTTAAAATTATCAACAACTCC
 Efurcyensis-sp1_268604-Berry -----
 TAAAATTATAACAACTCC
 Egrahami160730-Ca_Soleil -----
 TACGGAAACATCACCCATTAAAGTTATTAAACAACTCC
 Egrahami160731-Ca_Soleil -----
 ACAATACGGAAACATCACCCATTAAAGTTATTAAACAACTCC
 Egrahami160732-Ca_Soleil -----
 TACGGAAACATCACCCATTAAAGTTATTAAACAACTCC
 Egrahami160733-Ca_Soleil -----
 ---CTCC
 Egrahami160807-Citadel_of_King_C -----
 TACGGAAACATCACCCATTAAAGTTATTAAACAACTCC
 Egrahami160808-Citadel_of_King_C -----
 ATACGGAAACATCACCCATTAAAGTTATTAAACAACTCC
 Egrahami160809-La_Pierre -----
 TACGGAAACATCACCCATTAAAGTTATTAAACAACTCC
 Egrahami194590-Bombardopolis -----
 CGAACATCACCCATTAAAGTTATTAAACAACTCC
 Eheminotal160460-Furcy -----
 ----TCC
 Eheminotal160465-Furcy
 GAAATAATGGCCACACATTACGGAAATCTCATCCATATTAAAAATTATAACAACTCC

Eheminota160466-Furcy -----
 GGCCACACATTACGGAAATCTCATCCCATTAAAAATTATTAACAACTCC
 Einoptatus101237-Cabral -----
 TTTTGAAAGTTACCAATTATACC
 Einoptatus101238-Cabral -----
 CAATTTGAAAGTTACCAATTATACC
 Einoptatus103704-Castillion -----
 TACCAATTATACC
 Einoptatus-sp1_160375-El_Valle -----
 AACTATACC
 Einoptatus192000-Anse_DHainault -----
 AAACTCACCCAATTGAAAGTTACCAATTATACC
 Einoptatus192607-Cabral -----
 CAATTTGAAAGTTACCAATTATACC
 Einoptatus-sp1_193094-Batez_Pied -----
 CCCAATTGAAAGTTACCAA?TATACC
 Einoptatus194350-Apolinar_Pelodr -----

 Einoptatus194351-Apolinar_Pelodr -----

 Einoptatus-sp1_194583-Bombardopo -----

 Einoptatus-sp1_194584-Bombardopo -----

 Einoptatus-sp1_194624-Bombardopo -----

 Einoptatus267595-Alcoa_Road -----

 Einoptatus-sp1_267765-Los_Limone -----

 Einoptatus-sp1_267788-Naranjo_Ar -----
 ACCCAATTGAAA?TTACCAA?TATACC
 Einoptatus268569-Berry -----
 TGAAGTTACCAATTATACC
 Einoptatus268680-Bonga -----
 TGAAGTTACCAATTATACC
 Einoptatus268689-Furcy -----
 TGAAGTTACCAATTATACC
 Ejugans160562-Furcy -----
 AAATCCCACCGATTTAAAATTATTAATAATTCC
 Eleoncsei102893-El_Aguacate -----
 ATCACTCAGTCTAAAAATCATTAAACAGTTCC
 Eleoncsei192544-Puerto_Escondido -----
 AACATCACTCAGTCTAAAAATCATTAAACAGTTCC
 Eleoncsei266703-Los_Arroyos -----
 AACATCACTCAGTCTAAAAATCATTAAACAGTTCC
 Eleoncsei267599-Casetta_Dos -----
 AACATCACTCAGTCTAAAAATCATTAAACAGTTCC
 Enortoni103744-Castillion -----
 AAATGCCATTACACACC
 Enortoni160538-Furcy -----
 AAATGCCAATCACACC
 Enortoni160634-Plaine_Formon -----
 AAATGCCAATCACACC
 Enotidodes102862-Los_Pinos -----

 Enotidodes102890-Los_Pinos -----

 Enotidodes266303-Calimete -----

Enotidodes266304-Calimete -----

 Enotidodes266305-Calimete -----

 Enotidodes266306-Calimete -----

 Eoxyrhynchus103684-Castillion -----
 TTCAAAATTATTAACAACTCC
 Eoxyrhynchus103685-Castillion -----
 AAAATTATTAACAACTCC
 Eoxyrhynchus103751-Castillion -----
 AAAATTATTAACAACTCC
 Eoxyrhynchus103752-Castillion -----
 AAAATTATTAACAACTCC
 Eoxyrhynchus103753-Castillion -----
 ---CTCC
 Eoxyrhynchus103977-Marche_Leon -----
 AATCCCATCCAATCTTCAAAATTATTAACAACTCC
 Eoxyrhynchus104114-Seguin -----
 AATCCCATCCAATCTTCAAAATTATTAACAACTCC
 Eoxyrhynchus104115-Seguin -----
 TCCCATCCAATCTTCAAAATTATTAACAACTCC
 Eoxyrhynchus104116-Seguin -----
 AATCCCATCCAATCTTCAAAATTATTAACAACTCC
 Eoxyrhynchus104117-Seguin -----
 TTCGCAAATCCCATCCAATCTTCAAAATTATTAACAACTCC
 Eoxyrhynchus104118-Seguin -----
 --ACTCC
 Eoxyrhynchus191943-Dame-Marie -----
 AATCCCATCCAATCTTCAAAATTATTAACAACTCC
 Eoxyrhynchus191944-Dame-Marie -----
 AATCCCATCCAATCTTCAAAATTATTAACAACTCC
 Epictissimus102623-Los_Patos -----
 TTTTAAAGTTATTAACAATTCC
 Epictissimus103608-Camp_Perrin -----
 TTTTAAAGTTATTAACAATTCC
 Epictissimus191739-Ducis -----
 TTTTTAAAGTTATTAACAATTCC
 Epictissimus191780-Pestel -----
 TTTTAAAGTTATTAACAATTCC
 Epictissimus191781-Pestel -----
 TACGGAAACATCACCAATTAAAGTTATTAACAATTCC
 Epictissimus191782-Pestel -----
 TACGGAAACATCACCAATTAAAGTTATTAACAATTCC
 Epictissimus191783-Pestel -----
 AACATCACCAATTAAAGTTATTAACAATTCC
 Epictissimus191896-Pestel -----
 AACATCACCAATTAAAGTTATTA?CAATTCC
 Epictissimus191900-Pestel -----
 AACATCACCAATTAAAGTTATTAACAATTCC
 Epictissimus191901-Pestel -----
 AACATCACCAATTAAAGTTATTAACAATTCC
 Epictissimus192326-Baraderes -----
 AACATCACCAATTAAAGTTATTAACAATTCC
 Epictissimus-sp2_191972-Dame-Mar -----
 TTTTAAAGTTATTAACAATTCC
 Erufifemoralis160226-Tejunde -----
 AATAGTCACAATTCA
 Esommeril161590-Rio_Limpio -----
 ATTCGTAAAATCACCCATTAAAAATGGGGAATAACTCC

Esommeri161591-Rio_Limpio -----
 ATGCCCAATCGTAAAATCACCCATTAAAAATGGGAATAACTCC
 Esommeri161592-Rio_Limpio -----
 ATGCCCAATCGTAAAATCACCCATTAAAAATGGGAATAACTCC
 Esommeri161593-Rio_Limpio -----
 ATGCCCAATCGTAAAATCACCCATTAAAAATGGGAATAACTCC
 Ewetmorei103844-Port_Salut -----

 Ewetmorei103845-Port_Salut -----
 CCCCATTTAAAATGGTAAATGATTCC

 Eabbotti101101-Sabana_de_la_Mar -----
 -CTACTA
 Eabbotti101117-Jayaco -----
 -----.
 Ealcoae102626-Los_Patos -----
 ATCTCATCATGAAACTTCGGATCT..C..G
 Ealcoae102627-Los_Patos -----
 CTCGGATCT..C..G
 Ealcoae194724-Isla_Beata -----
 ATCTCATCATGATGAAACTTCGGATCT..C..G
 Ealcoae194725-Isla_Beata
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAACTTCGGATCT..C..G
 Ealcoae194726-Isla_Beata -----
 ATCTCATCATGATGAAACTTCGGATCT..C..G
 Ealcoae194727-Isla_Beata -----
 ATCTCATCATGATGAAACTTCGGATCT..C..G
 Ealcoae194728-Isla_Beata
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAACTTCGGATCT..C..G
 Ealcoae194867-Bucan_Detwi
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAACTTCGGATCT..C..G
 Ealcoae194868-Bucan_Detwi -----
 GAAACTTCGGATCT..C..G
 Ealcoae194869-Bucan_Detwi
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAACTTCGGATCT..C..G
 Ealcoae194871-Bucan_Detwi
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAACTTCGGATCT..C..G
 Ealcoae194876-Cabo_Beata
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAACTTCGGATCT..C..G
 Ealcoae194877-Cabo_Beata -----
 ATCTCATCATGATGAAACTTCGGATCT..C..G
 Ealcoae194878-Cabo_Beata
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAA????GGATCT..C..G
 Earmstrongi101265-Paraiso -----

 Earmstrongi102418-Cabral -----

 Earmstrongi102419-Cabral -----
 CTTCGGATCC..T...
 Earmstrongi102420-Cabral -----
 CTTCGGATCC..T...
 Earmstrongi102424-Cabral
 TTAATTGACCTACCAACCCCATAAACATCTCATGATGAAA????GGATCC..T...
 Earmstrongi102425-Cabral -----

 Earmstrongi160263-Te_junde
 TTAATTGACCTACCAACCCCATAAACATCTCATGATGAAACTTCGGATCC..T...
 Earmstrongi160264-Te_junde
 TTAATTGACCTACCAACCCCATAAACATCTCATGATGAAACTTCGGATCC..T...
 Earmstrongi160265-Te_junde
 TTAATTGACCTACCAACCCCATAAACATCTCATGATGAAACTTCGGATCC..T...

Earmstrongi160266-Te junde
 TTAATTGACCTACCAACCCCATCAAACATCTCATCATGATGAAACTTCGGATCC..T...
 Earmstrongi160267-Te junde
 TTAATTGACCTACCAACCCCATCAAACATCTCATCATGATGAAACTTCGGATCC..T...
 Earmstrongi160558-Furcy
 TTAATTGACCTACCAACCCCATCAAACATCTCATCATGATGAAACTTCGGATCC..C...
 Earmstrongi160559-Furcy
 TTAATTGACCTACCAACCCCATCAAACATCTCATCATGATGAAACTTCGGATCC..C...
 Earmstrongi160560-Furcy
 TTAATTGACCTACCAACCCCATCAAACATCTCATCATGATGAAACTTCGGATCC..C...
 Eaudanti-sp3_102614-Cabral -----

 Eaudanti-sp1_102798-El_Aguacate -----
 ----T
 Eaudanti-sp1_102799-El_Aguacate -----
 ----T
 Eaudanti-sp1_102800-El_Aguacate -----

 Eaudanti-sp2_104035-Marche_Leon -----

 Eaudanti104299-Seguin
 CTAATTGACCTACCTACCCCCCTCCAAACATTTCAACATGATGAAACTTTGGCTCAT.G...
 Eaudanti104300-Seguin
 CTAATTGACCTACCTACCCCCCTCCAAACATTTCAACATGATGAAACTTTGGCTCAT.G...
 Eaudanti104301-Marche_Leon -----
 ATGAAACTTGGCTCAT.G...
 Eaudanti104370-Gros_Cheval -----

 Eaudanti104372-Gros_Cheval -----
 CTTTGGCTCAT.G...
 Eaudanti160543-Furcy -----
 TCCAACAT?TCGACATGATGAAACTTTGGCTCAT.G...
 Eaudanti160544-Furcy -----
 TCCAACATTCGACATGATGAAACTTTGGCTCAT.G...
 Eaudanti160545-Furcy -----
 AT.G...
 Eaudanti160546-Furcy -----
 TTGGCTCAA.G...
 Eaudanti160547-Furcy -----
 ---G...
 Eaudanti-sp4_160702-Les_Platons
 CTAGTTGATCTCCCCACCCCTCCAAACATTTGACATGATGAAATTGGCTCAT....T
 Eaudanti266302-Calimete -----
 CTTTGGCTCAT...T..
 Eaudanti-sp5_268612-Furcy -----
 TGAACACTTCGGGTCMY.C..G
 Eaudanti268684-Morne_la_visite
 CTAATTGACCTACCTACCCCCCTCCAAACATTTCAACATGATGAAACTTTGGCTCAT.G...
 Eaudanti268685-Morne_la_visite
 CTAATTGACCTACCTACCCCCCTCCAAACATTTCAACATGATGAAACTTTGGCTCAT.G...
 Eaudanti268686-Morne_la_visite
 CTAATTGACCTACCTACCCCCCTCCAAACATTTCAACATGATGAAACTTTGGCTCAT.G...
 Eaudanti268687-Morne_la_visite
 CTAATTGACCTACCTACCCCCCTCCAAACATTTCAACATGATGAAACTTTGGCTCAT.G...
 Eaudanti268688-Morne_la_visite
 CTAATTGACCTACCTACCCCCCTCCAAACATTTCAACATGATGAAACTTTGGCTCAT.G...
 Eaudanti-sp1_102797-El_Aguacate -----

 Ebrevirostris160605-Formon_Ridge
 CTAATCGACCTGCCACCCATCAAACATTTCATCATGATGAAACTTTGGTTCA..T...

Ebrevirostris160607-Formon_Ridge
 CTAATCGACCTGCCACCCATCAAACATTCATCATGATGAAACTTGTTCA..T...
 Ebrevirostris160608-Formon_Ridge -----
 ACCCATCAAACATTCATCATGATGAAACTTGTTCA..T...
 Eceraemerus160279-Los_Arroyos
 CTAGTAGACCTCCCTACTCCATCAAATATTCTATCTGATGAAACTTGATCA.....
 Eceraemerus160308-Los_Arroyos
 CTAGTAGACCTCCCTACTCCATCAAATATTCTATCTGATGAAACTTGATCA.....
 Edarlingtoni104190-Seguin -----
 ACCCATCAAACATCTCATGATGAAATTTCGGATCA..T..
 Edarlingtoni104192-Seguin
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAATTTCGGATCA..T..
 Edarlingtoni104193-Seguin
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAATTTCGGATCA..T..
 Edarlingtoni104386-Gros_Cheval
 CTAATTGACCTACCAACCCCATAAACATCTCATGATGAAATTTCGGATCA..T..
 Ediplasius103763-Castillion
 CTCGTAGATCTCCTACTCCATCAAATATTCTATCTGATGAAACTTCGGATCAT.....
 Efurcyensis160533-Furcy
 CTAATTGACTTACCAACCCCATAAACATTTCATCTTGATGAAATTTCGGGTCA..T..
 Efurcyensis160525-Furcy
 CTAATTGACTTACCAACCCCATAAACATTTCATCTTGATGAAATTTCGGGTCA..T..
 Efurcyensis160526-Furcy
 CTAATTGACTTACCAACCCCATAAACATTTCATCTTGATGAAATTTCGGGTCA..T..
 Efurcyensis160535-Furcy
 CTAATTGACTTACCAACCCCATAAACATTTCATCTTGATGAAATTTCGGGTCA..T..
 Efurcyensis160536-Furcy
 CTAATTGACTTACCAACCCCATAAACATTTCATCTTGATGAAATTTCGGGTCA..T..
 Efurcyensis160537-Furcy
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 Efurcyensis160561-Furcy
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 Efurcyensis160625-Furcy
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 Efurcyensis268651-Furcy
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 Efurcyensis-sp1_102891-Los_Arroy
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 Efurcyensis-sp1_104140-Seguin
 CTAATTGACTTACCAACCCCATAAACATTTCATGATGAAATTTCGGGTCA..T..
 Efurcyensis-sp1_104141-Seguin
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 Efurcyensis-sp1_268604-Berry
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 Egrahami160730-Ca_Soleil
 TTAATTGATCTCCTACCCATAAACATCTCCTCATGATGAAACTTTGGATCT..C...
 Egrahami160731-Ca_Soleil
 TTAATTGATCTCCTACCCATAAACATCTCCTCATGATGAAACTTTGGATCT..C...
 Egrahami160732-Ca_Soleil
 TTAATTGATCTCCTACCCATAAACATCTCCTCATGATGAAACTTTGGATCT..C...
 Egrahami160733-Ca_Soleil
 TTAATTGATCTCCTACCCATAAACATCTCCTCATGATGAAACTTTGGATCT..C...
 Egrahami160807-Citadel_of_King_C
 TTAATTGATCTCCTACCCATAAACATCTCCTCATGATGAAACTTTGGGTCT..C...
 Egrahami160808-Citadel_of_King_C
 TTAATTGATCTCCTACCCGTAAACATCTCCTCATGATGAAATTGGATCT..C...

Egrahami160809-La_Pierre
 TTAATTGATCTCCTACCCCATCAAACATCTCATGATGAAACTTGGATCT..C...
 Egrahami194590-Bombardopolis
 TTAATTGATCTCCTACCCCATCAAACATCTCATGATGAAACTTGGATCT..C...
 Eheminota160460-Furcy
 TTAATCGATCTACCAACCCATCAAATATCTCATCATGATGAAACTTGGCTCAT.....
 Eheminota160465-Furcy
 TTAATTGATCTACCAACCCATCAAATATCTCATCATGATGAAACTTGGCTCAT.....
 Eheminota160466-Furcy
 TTAATTGATCTACCAACCCATCAAATATCTCATCATGATGAAACTTGGCTCAT.....
 Einoptatus101237-Cabral
 CTAATTGACCTTCCAACCCCGTCAAATATTCCATGTGGTGAAACTTGGATCC..T...
 Einoptatus101238-Cabral
 CTAATTGACCTTCCAACCCCGTCAAATATTCCATGTGGTGAAACTTGGATCC..T...
 Einoptatus103704-Castillion
 CTAATTGACCTTCCAACCCCGTCAAATATTCCATGTGGTGAA????GG?TCC..T...
 Einoptatus-sp1_160375-El_Valle
 CTAATTGATCTCCAACCCCGTCAAATATTCCATGTGGTGAAACT?GGATCC..T...
 Einoptatus192000-Anse_DHainault
 TTAATTGACCTTCCAACCCCGTCAAATATTCCATGTGGTGAAACTTGGATCC..T...
 Einoptatus192607-Cabral
 CTAATTGACCTTCCAACCCCGTCAAATATTCCATGTGGTGAAAC??GGATCC..T...
 Einoptatus-sp1_193094-Batez_Pied
 CTAATTGATCTCCAACCCCGTCAAATATTCCATGTGGTGAAACTTGGATCC..T...
 Einoptatus194350-Apolinar_Pelodr -----

 Einoptatus194351-Apolinar_Pelodr -----

 Einoptatus-sp1_194583-Bombardopo -----
 TTGGATCC..T...
 Einoptatus-sp1_194584-Bombardopo -----
 CGTCAAATATTCCATGTGGTGAAACTTGGATCC..T...
 Einoptatus-sp1_194624-Bombardopo -----
 ATTCCATGTGGTGAAACTTGGATCC..T...
 Einoptatus267595-Alcoa_Road -----
 C..T...
 Einoptatus-sp1_267765-Los_Limone -----
 GAAACTTGGATCC..T...
 Einoptatus-sp1_267788-Naranjo_Ar
 CTAATTGATCTCCAACCCCGTCAAATATTCCATGTGGTGAAACTTGGATCC..T...
 Einoptatus268569-Berry
 CTAATTGACCTTCCAACCCCGTCAAATATTCCATGTGGTGAAACTTGGATCC..T...
 Einoptatus268680-Bonga
 CTAATTGACCTTCCAACCCCGTCAAATATTCCATGTGGTGAAACTTGGATCC..T...
 Einoptatus268689-Furcy
 CTAATTGACCTTCCAACCCCGTCAAATATTCCATGTGGTGAAACTTGGATCC..T...
 Ejugans160562-Furcy
 CTAATCGACCTACCAACCCCGTCAAATATCTCATCATGATGAAACTTCGGCTCAT..T.G
 Eleoncsei102893-El_Aguacate
 CTAATTGACCTGCCAACCCCATCAAACATCTCATCATGATGAAACTTCGGATCC...T..
 Eleoncsei192544-Puerto_Escondido
 CTAATTGACCTGCCAACCCCATCAAACATCTCATCATGATGAAACTTCGGATCC...T..
 Eleoncsei266703-Los_Arroyos
 CTAATTGACCTGCCAACCCCATCAAACATCTCATCATGATGAAACTTCGGATCC...T..
 Eleoncsei267599-Casetta_Dos
 CTAATTGACCTGCCAACCCCATCAAACATCTCATCATGATGAAACTTCGGATCC...T..
 Enortoni103744-Castillion
 TTAATTGACCTTCCAACCCCGTCAAATATTCTATTGGTGAAA????GGGTCT..C...
 Enortoni160538-Furcy
 TTAATTGACCTTCCAACCCCGTCAAATATTCTATTGGTGAAA????GGGTCT..C...

Enortoni160634-Plaine_Formon
 TTAATTGACCTTCCAACCCCCTCAAATATTCATTTGGTGAAA????GGGTCT..C...
 Enotidodes102862-Los_Pinos -----

 Enotidodes102890-Los_Pinos -----
 -----T
 Enotidodes266303-Calimete -----
 TGATGAAACTTGGCTCAT..T..
 Enotidodes266304-Calimete -----

 Enotidodes266305-Calimete -----
 CTTTGGCTCAT..T..
 Enotidodes266306-Calimete -----

 Eoxyrhynchus103684-Castillion
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAATTGGATCAT..T..
 Eoxyrhynchus103685-Castillion
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAATTGGATCAT..T..
 Eoxyrhynchus103751-Castillion
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAATTGGATCAT..T..
 Eoxyrhynchus103752-Castillion
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAATTGGATCAT..T..
 Eoxyrhynchus103753-Castillion
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAATTGGATCAT..T..
 Eoxyrhynchus103977-Marche_Leon
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAATTGGATCAT..T..
 Eoxyrhynchus104114-Seguin
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAACTTGGATCAT..T..
 Eoxyrhynchus104115-Seguin
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAACTTGGATCAT..T..
 Eoxyrhynchus104116-Seguin
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAACTTGGATCAT..T..
 Eoxyrhynchus104117-Seguin
 CTAATTGACCTACCAACCCCATAAAYATCTCATCATGATGAAACTTGGATCAT..T..
 Eoxyrhynchus104118-Seguin
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAACTTGGATCAT..T..
 Eoxyrhynchus191943-Dame-Marie
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAATTGGATCAT..T..
 Eoxyrhynchus191944-Dame-Marie
 CTAATTGACCTACCAACCCCATAAATCTCATCATGATGAAATTGGATCAT..T..
 Epictissimus102623-Los_Patos
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTGGGTCT..T...
 Epictissimus103608-Camp_Perrin
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTGGATCT..C...
 Epictissimus191739-Ducis
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATT?????T..C...
 Epictissimus191780-Pestel
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAAT?GGGATCT..C...
 Epictissimus191781-Pestel
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTGGATCT..C...
 Epictissimus191782-Pestel
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTGGATCT..C...
 Epictissimus191783-Pestel
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTGGATCT..C...
 Epictissimus191896-Pestel
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTGGATCT..C...
 Epictissimus191900-Pestel
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTGGATCT..C...
 Epictissimus191901-Pestel
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTGGGTCT..C...

Epictissimus192326-Baraderes
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTTGGATCT..C...
 Epictissimus-sp2_191972-Dame-Mar
 TTAATTGATCTCCTACCCCATCAAACATCTCCTCATGATGAAATTTGGATCT..C..G
 Eruifemoralis160226-Tejunde
 CTAACTGACCTACCAACCCCATAAATTCATCATGGTGAA????GGTCA..G..C
 Esommeri161590-Rio_Limpio
 CTAGTAGACCTCCCTACTCCATCAAATA????TATCTGATGAAACTTGGGTCA.....
 Esommeri161591-Rio_Limpio
 CTAGTAGACCTCCCTACTCCATCAAATA????TATCTGATGAAACTTGGGTCA.....
 Esommeri161592-Rio_Limpio
 CTAGTAGACCTCCCTACTCCATCAAATA????TATCTGATGAAACTTGGGTCA.....
 Esommeri161593-Rio_Limpio
 CTAGTAGACCTCCCTACTCCATCAAATA????TATCTGATGAAACTTGGGTCA.....
 Ewetmorei103844-Port_Salut -----
 CTGATGAAACTTGGGTCA.....
 Ewetmorei103845-Port_Salut
 CTGGTAGACCTCCCTACTCCATCAA????????TCTGATGAAACTTGGGTCA.....

 Eabbotti101101-Sabana_de_la_Mar
 GGGATTTGTCTAATTACTCAAATCGCTACAGGACTATTTCTAGCCATACATTATTCTGCC
 Eabbotti101117-Jayaco
C.....
 Ealcoae102626-Los_Patos
 ..C..C..CT.G....A.....C.....CT.....CA.C..A
 Ealcoae102627-Los_Patos
 ..C..C..CT.G....A.....C.....CT.....A.....CA.C..A
 Ealcoae194724-Isla_Beata
 ..C..C..CT.G....A.....C.....CT.....CA.C..A
 Ealcoae194725-Isla_Beata
 ..C..C..CT.G....A.....C.....CT.....T.....CA.C..A
 Ealcoae194726-Isla_Beata
 ..C..C..CT.G....A.....C.....CT.....T.....CA.C..A
 Ealcoae194727-Isla_Beata
 ..C..C..CT.G....A.....C.....CT.....T.....CA.C..A
 Ealcoae194728-Isla_Beata
 ..C..C..CT.G....A.....C.....CT.....CA.C..A
 Ealcoae194867-Bucan_Detwi
 ..C..C..CT.G....A.....C.....CT.....CA.C..A
 Ealcoae194868-Bucan_Detwi
 ..C..C..CT.G....A.....C.....CT.....CA.C..A
 Ealcoae194869-Bucan_Detwi
 ..C..C..CT.G....A.....C.....CT.....CA.C..A
 Ealcoae194871-Bucan_Detwi
 ..C..C..CT.G....A.....C.....CT.....CA.C..A
 Ealcoae194876-Cabo_Beata
 ..C..C..CT.G....A.....C.....CT.....CA.C..A
 Ealcoae194877-Cabo_Beata
 ..C..C..CT.G....A.....C.....CT..?..?.....CA.C..A
 Ealcoae194878-Cabo_Beata
 ..C..C..CT.G....A.....C.....CT.....CA.C..A
 Earmstrongi101265-Paraiso
 ...G.C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi102418-Cabral -----
 .G.A.....T.....T.G.....T.....CA....A
 Earmstrongi102419-Cabral
 ...C.C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi102420-Cabral
 ...G.C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi102424-Cabral
 ...G.C..CT.....G.A.....T...?.....T.G.....T.....CA....A

Earmstrongi102425-Cabral
 ...G.C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi160263-Tejunde
 ...G.C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi160264-Tejunde
 ...G.C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi160265-Tejunde
 ...G.C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi160266-Tejunde
 ...G.C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi160267-Tejunde
 ...G.C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi160558-Furcy
C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi160559-Furcy
C..CT.....G.A.....T.....T.G.....T.....CA....A
 Earmstrongi160560-Furcy
C..CT.....G.A.....T.....T.G.....T.....CA....A
 Eaudanti-sp3_102614-Cabral
C..CT.G.....C.....T.C.....C..C....A.....A.C...
 Eaudanti-sp1_102798-El_Aguacate
 A....C..C..G.....C.....TC.....C..C....A.....CAT....
 Eaudanti-sp1_102799-El_Aguacate
 A....C..C..G.....C.....TC.....C..C....A.....CAT....
 Eaudanti-sp1_102800-El_Aguacate -
C..C..G.....C.....TC.....C..C....A.....CAT....
 Eaudanti-sp2_104035-Marche_Leon -----
 ..C.....T.....C..C....A.....C..A.C...
 Eaudanti104299-Seguin
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti104300-Seguin
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti104301-Marche_Leon
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti104370-Gros_Cheval -
C..C..T.....C.....TC.....T..C....A.....C..CA....
 Eaudanti104372-Gros_Cheval
C..CT.....C.....TC.....T..C....A.....C..CA.C...
 Eaudanti160543-Furcy
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti160544-Furcy
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti160545-Furcy
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti160546-Furcy
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti160547-Furcy
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti-sp4_160702-Les_Platons
 ..A..A..CT.....C.....T.....T.....A.....C..CA..C.T
 Eaudanti266302-Calimete
 ..A..C..C.....C.....TC.....T.....T....A.....C..A....T
 Eaudanti-sp5_268612-Furcy
 ..A..C..C.....C.....C.....T.....C..A....A
 Eaudanti268684-Morne_la_visite
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti268685-Morne_la_visite
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti268686-Morne_la_visite
C..C.....C.....TC.....T.....A.....C..CA.C...

Eaudanti268687-Morne_la_visite
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti268688-Morne_la_visite
C..C.....C.....TC.....T.....A.....C..CA.C...
 Eaudanti-sp1_102797-El_Aguacate -
C..C..G....C.....TC.....C..C....A.....CAT....
 Ebrevirostris160605-Formon_Ridge
 ..T..C...T.G..CG.A.....A.C..C..T.....A.....C..CATC..A
 Ebrevirostris160607-Formon_Ridge
 ..T..C...T.G..CG.A.....A.C..C..T.....A.....C..CATC..A
 Ebrevirostris160608-Formon_Ridge
 ..T..C...T.G..CG.A.....A.C..C..T.....A.....C..CATC..A
 Eceraemerus160279-Los_Arroyos
C..C..T.....C.....T..C.....T..CT.....T.....C..CA.A..A
 Eceraemerus160308-Los_Arroyos
C..C..T.....C.....T..C.....T..CT.....T.....C..CA.A..A
 Edarlingtoni104190-Seguin
 ..C..C..CT.....G.A...G.....GT.....C.....G..C.....A
 Edarlingtoni104192-Seguin
 ..C..C..CT.....G.A...G.....GT.....C.....G..C.....A
 Edarlingtoni104193-Seguin
 ..C..C..CT.....G.A...G.....GT.....C.....G..C.....A
 Edarlingtoni104386-Gros_Cheval
 ..C..C..CT.....G.A...G.....GT.....C.....G..C.....A
 Ediplasius103763-Castillion
C..C..C.....C.....T..C.....T..CT.....T.....C..A.A..A
 Efurcyensis160533-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis160525-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis160526-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis160535-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis160536-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis160537-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis160561-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis268623-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis268624-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis268625-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis268651-Furcy
 ..A..C..CT.....A.....T.TA.....C..C.....A.....C..A.C..A
 Efurcyensis-sp1_102891-Los_Arroy
 ..A..C..CT.....A.....TA.....C..C.....A.....C..A.C..A
 Efurcyensis-sp1_104140-Seguin
 ..AG.C..CT.....A.....TA.....C..C.....A.....C..A.C..A
 Efurcyensis-sp1_104141-Seguin
 ..AG.C..CT.....A.....TA.....C..C.....A.....C..A.C..A
 Efurcyensis-sp1_268604-Berry
 ..AG.C..CT.....A.....TA.....C..C.....A.....C..A.C..A
 Egrahami160730-Ca_Soleil
 ..T..C..CT.....GTA.....TAT.....T.....T.....C..A....A
 Egrahami160731-Ca_Soleil
 ..T..C..CT.....GTA.....TAT.....T.....T.....C..A....A

Egrahami160732-Ca_Soleil
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C....A....A
 Egrahami160733-Ca_Soleil
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C....A....A
 Egrahami160807-Citadel_of_King_C
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C....A....A
 Egrahami160808-Citadel_of_King_C
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C....A....A
 Egrahami160809-La_Pierre
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C....A....A
 Egrahami194590-Bombardopolis
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C....A....A
 Eheminotal60460-Furcy
 ..C..C..CT..G....A..G..TATA.....T.....G..C..CG.CT.T
 Eheminotal60465-Furcy
 ..C..C..CT..G....A..G..TATG.....T.....G..C..CG.CT.T
 Eheminotal60466-Furcy
 ..C..C..CT..G....A..G..TATG.....T.....G..C..CG.CT.T
 Einoptatus101237-Cabral
 ..A.....C.....T.....ATA..T.....C..C..G..A..G..C....A....A
 Einoptatus101238-Cabral
 ..A.....C.....T.....ATA.....C..C..G..A..G..C....A....A
 Einoptatus103704-Castillion
 ..A.....C.....T.....ATA.....C..C..G..T..G..C....A....A
 Einoptatus-sp1_160375-El_Valle
 ..A.....TC.....TTA..T.....C..C..G..A..G.....AT....A
 Einoptatus192000-Anse_DHainault
 ..A.....C.....T.....ATA..C.....C..C..G..T..G..C....A....A
 Einoptatus192607-Cabral
 ..A.....C.....T.....ATA..T.....C..C..G..A..G..C....A....A
 Einoptatus-sp1_193094-Batez_Pied
 ..A.....TC.....TTA..T.....C..C..G..A..G.....AT....A
 Einoptatus194350-Apolinar_Pelodr -----
ATA.....C..C..G.?T..G..C....A....A
 Einoptatus194351-Apolinar_Pelodr -----
 ..C.....T.....ATA.....C..C..G..T..G..C....A....A
 Einoptatus-sp1_194583-Bombardopo
 ..A.....TC.....TTA..T.....C..C..G..A..G.....AT....A
 Einoptatus-sp1_194584-Bombardopo
 ..A.....TC.....TTA..T.....C..C..G..A..G.....AT....A
 Einoptatus-sp1_194624-Bombardopo
 ..A.....TC.....TTA..T.....C..C..G?..?..???.AT....A
 Einoptatus267595-Alcoa_Road
 ..A.....C.....T.....ATA.....C..C..G..??.G..C....A....A
 Einoptatus-sp1_267765-Los_Limone
 ..A.....TC.....TTA..T.....C..C..G..A..G.....AT....A
 Einoptatus-sp1_267788-Naranjo_Ar
 ..A.....TC.....TTA..T.....C..C..G..A..G.....AT....A
 Einoptatus268569-Berry
 ..A.....C.....T.....ATA.....C..C..G..T..G..C....A....A
 Einoptatus268680-Bonga
 ..A.....C.....T.....ATA.....C..C..G..T..G..C....A....A
 Einoptatus268689-Furcy
 ..A.....C.....T.....ATA.....C..C..G..T..G..C....A....A
 Ejugans160562-Furcy
 ...C.A..CT...CC..G.....TATA..C...T.....T....A.....C..CA....A
 Eleoncei102893-El_Aguacate
 ..C..C..CT.....G.A.....T.....C.....C.....A
 Eleoncei192544-Puerto_Escondido
 ..C..C..CT.....G.A.....T.....C.....C.....A

Eleoncsei266703-Los_Arroyos
 ..C..C..CT.....G.A.....T.....C.....C.....A
 Eleoncsei267599-Casetta_Dos
 ..C..C..CT.....G.A.....T.....C.....C.....A
 Enortoni103744-Castillion
 ...G.C..C.....T.....TTT...T.....C..C.....A.....C...G.C..A
 Enortoni160538-Furcy
 ...G.C..C.....T.....TTT...T.....C..C.....A.....C...G.C..A
 Enortoni160634-Plaine_Formon
 ...G.C..C.....T.....TTT...T.....C..C.....A.....C...G.C..A
 Enotidodes102862-Los_Pinos

 ..C..G.....C.....TC.....T.....T.....A.....C...A.....T
 Enotidodes102890-Los_Pinos
 A....C..C..C.....C.....TC.....T.....T.....A.....C...A.....T
 Enotidodes266303-Calimete
 ..A..C..C..C.....C.....TC.....T.....T.....A.....C...A.....T
 Enotidodes266304-Calimete
 ..A..C..C..C.....C.....TC.....T.....T.....??.?.....C...A.....T
 Enotidodes266305-Calimete
 ..A..C..C..C.....C.....TC.....T.....T.....A.....C...A.....T
 Enotidodes266306-Calimete

 ..C..C..C.....C.....TC.....T.....T.....A.....C...A.....T
 Eoxyrhynchus103684-Castillion
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus103685-Castillion
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus103751-Castillion
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus103752-Castillion
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus103753-Castillion
 ..AC.A..CT.....A.....TT?A.....G.....A.....C..CG.C..A
 Eoxyrhynchus103977-Marche_Leon
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus104114-Seguin
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus104115-Seguin
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus104116-Seguin
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus104117-Seguin
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus104118-Seguin
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus191943-Dame-Marie
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Eoxyrhynchus191944-Dame-Marie
 ..AC.A..CT.....A.....TTTA.....G.....A.....C..CG.C..A
 Epictissimus102623-Los_Patos
 ..T..C..CT.....GTA.....CT.....T.....CT....T.....C..CA....A
 Epictissimus103608-Camp_Perrin
 ..T..CG.CT.....GTA.....TAT.....T.....T.....T.....C...A.....A
 Epictissimus191739-Ducis
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C...A.....A
 Epictissimus191780-Pestel
 ..T..C..CT.....GTA.....TA??.....T.....T.....T.....C...A.....A
 Epictissimus191781-Pestel
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C...A.....A
 Epictissimus191782-Pestel
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C...A.....A

Epictissimus191783-Pestel
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C...A....A
 Epictissimus191896-Pestel
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C...A....A
 Epictissimus191900-Pestel
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C...A....A
 Epictissimus191901-Pestel
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C...A....A
 Epictissimus192326-Baraderes
 ..T..C..CT.....GTA.....TAT.....T.....T.....T.....C...A....A
 Epictissimus-sp2_191972-Dame-Mar
 ..T..C..T.....G.A.....TAT.....T.....T.....T.....C...A....A
 Eruifemoralis160226-Tejunde
 ...GCC..C.....A.....T..A.....A.....C..CA.C..A
 Esommeril61590-Rio_Limpio
C..C..T.....C.....T..C.....T..CT.....T.....C..CA.A..A
 Esommeril61591-Rio_Limpio
C..C..T.....C.....T..C.....T..CT.....T.....C..CA.A..A
 Esommeril61592-Rio_Limpio
C..C..T.....C.....T..C.....T..CT.....T.....C..CA.A..A
 Esommeril61593-Rio_Limpio
C..C..T.....C.....T..C.....T..CT.....T.....C..CA.A..A
 Ewetmorei103844-Port_Salut
C..C..T..C..C.....T..C.....T..CT.....T.....C..A.A..A
 Ewetmorei103845-Port_Salut
C..C..T..C..C.....T..C.....T..CT.....T.....C..A.A..A

 Eabbotti101101-Sabana_de_la_Mar
 GACACATCTCTAGCCTTGATCCATTGCCACATCTGCCGAGACGTTAACATGGATGA
 Eabbotti101117-Jayaco
C.C.....T.....A.....
 Ealcoae102626-Los_Patos
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae102627-Los_Patos
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194724-Isla_Beata
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194725-Isla_Beata
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194726-Isla_Beata
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194727-Isla_Beata
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194728-Isla_Beata
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194867-Bucan_Detwi
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194868-Bucan_Detwi
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194869-Bucan_Detwi
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194871-Bucan_Detwi
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194876-Cabo_Beata
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194877-Cabo_Beata
A.....T..T.....TG.C.....G.....C..C...
 Ealcoae194878-Cabo_Beata
A.....T..T.....TG.C.....G.....C..C...
 Earmstrongi101265-Paraiso
C.....T.....C..T.....T.....A.....C..T...

Earmstrongi102418-Cabral
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi102419-Cabral
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi102420-Cabral
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi102424-Cabral
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi102425-Cabral
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi160263-Tejunde
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi160264-Tejunde
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi160265-Tejunde
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi160266-Tejunde
C.....T.....C..T.....t.....A.....C..T...
 Earmstrongi160267-Tejunde
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi160558-Furcy
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi160559-Furcy
C.....T.....C..T.....T.....A.....C..T...
 Earmstrongi160560-Furcy
C.....T.....C..T.....T.....A.....C..T...
 Eaudanti-sp3_102614-Cabral
 ..T..C....A....T....T.....T.....T.....TT.C..C...
 Eaudanti-sp1_102798-El_Aguacate
 ..T?????..A....T....T.....T.....T..A..TT.C..C...
 Eaudanti-sp1_102799-El_Aguacate
 ..T??????A....T....T.....T.....T..A..TT.C..C...
 Eaudanti-sp1_102800-El_Aguacate
 ..T.??????T....T....T.....T.....T.AA..TT.C..C...
 Eaudanti-sp2_104035-Marche_Leon
?????A....T....T.....T.....T..A..T.?..C...
 Eaudanti104299-Seguin
 ..T..C....AG..T....TT....T..T.....T..A..TT.C..C...
 Eaudanti104300-Seguin
 ..T..C....AG..T....TT....T..T.....T..A..TT.C..C...
 Eaudanti104301-Marche_Leon
 ...T..C....AG..T....TT....T..T.....T..A..TT.C..C...
 Eaudanti104370-Gros_Cheval
 ...??????A....T....TT....TG.....T..T.....T..A..TT.C..C...
 Eaudanti104372-Gros_Cheval
 ...T.??????T....TT....TG.....T..T.....T..A..TT.C..C...
 Eaudanti160543-Furcy
 ..T..C....AG..T....TT....T..T.....T..A..TT.C..C...
 Eaudanti160544-Furcy
 ..T..C....AG..T....TT....T..T.....T..A..TT.C..C...
 Eaudanti160545-Furcy
 ..T..C....AG..T....TT....T..T.....T..A..TT.C..C...
 Eaudanti160547-Furcy
 ..T..?....AG..T....TT....T..T.....T..A..TT.C..C...
 Eaudanti-sp4_160702-Les_Platons
C...GA....T....T.....T..T..G..T..A...C.C..T...
 Eaudanti266302-Calimete
C....A....T....T....TG....T.....T..A.....C..C..G

Eaudanti-sp5_268612-Furcy
A.A.....C.....G.C.....T.....AG.T.G...G...
 Eaudanti268684-Morne_la_visite
 ..T..C....AG..T...TT...T.....T..T.....T..A..TT.C..C..
 Eaudanti268685-Morne_la_visite
 ..T..C....AG..T...TT...T.....T..T.....T..A..TT.C..C..
 Eaudanti268686-Morne_la_visite
 ..T..C....AG..T...TT...T.....T..T.....T..A..TT.C..C..
 Eaudanti268687-Morne_la_visite
 ..T..C....AG..T...TT...T.....T..T.....T..A..TT.C..C..
 Eaudanti268688-Morne_la_visite
 ..T..C....AG..T...TT...T.....T..T.....T..A..TT.C..C..
 Eaudanti-spl_102797-El_Aguacate
 ..TC.C..?A..T...T....T.....T.....T..A..TT.C..C..
 Ebrevirostris160605-Formon_Ridge
C..A....T..CT....A....T..T.....A.....C...
 Ebrevirostris160607-Formon_Ridge
C..A....T..CT....A....T..T.....A.....C...
 Ebrevirostris160608-Formon_Ridge
C..A....T..CT....A....T..T.....A.....C...
 Eceraemerus160279-Los_Arroyos
G.....CT....TG.CA....T..T.C.....C.....C..C...
 Eceraemerus160308-Los_Arroyos
G.....CT....TG.CA....T..T.C.....C.....C..C...
 Edarlingtoni104190-Seguin
CT....T...T....A..CA.....G..T..C..T...
 Edarlingtoni104192-Seguin
CT....T...T....A..CA.....G..T..C..T...
 Edarlingtoni104193-Seguin
CT....T...T....A..CA.....G..T..C..T...
 Edarlingtoni104386-Gros_Cheval
CT....T...T....A..CA.....G..T..C..T...
 Ediplasius103763-Castillion
 ..T.....C.....CT....TG.....T..T.CT.....T...
 Efurcyensis160533-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis160525-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis160526-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis160535-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis160536-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis160537-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis160561-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis268623-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis268624-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis268625-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis268651-Furcy
 ..T..C..A.....CT....A..C.....T..A.....C..C...
 Efurcyensis-spl_102891-Los_Arroy
 ..T..C.....CT....A..C....T.....T..A..T..C..C...
 Efurcyensis-spl_104140-Seguin
 ..T..C.....CT....A..C....T.....T..A..T..C..C...

Efurcyensis-spl_104141-Seguin
 ..T..C.....CT....A..C.....T.....T..A..T..C..C..
 Efurcyensis-spl_268604-Berry
 ..T..C.....CT....A..C.....T.....T..A..T..C..C..
 Egrahami160730-Ca_Soleil
 A.T.....A....T....A....T.....G.....A.....C..C..
 Egrahami160731-Ca_Soleil
A....T....A....T.....G.....A.....C..C..
 Egrahami160732-Ca_Soleil
 ..T.....A....T....A....T.....G.....A.....C..C..
 Egrahami160733-Ca_Soleil
 ..T.....A....T....A....T.....G.....A.....C..C..
 Egrahami160807-Citadel_of_King_C
A....T....A....T.....G.....A.....C..C..
 Egrahami160808-Citadel_of_King_C
A....T....T.....G.....A.....C..C..
 Egrahami160809-La_Pierre
A....T....A....T.....G.....A.....C..C..
 Egrahami194590-Bombardopolis
 A.....A....T....A....T.....G.....A.....C..C..
 Eheminota160460-Furcy
 ..T..CA.C.....CT.G..A..C.....G..T..C..C..
 Eheminota160465-Furcy
 ..T..CG.C.....CT.G..A..C.....G..T..C..C..
 Eheminota160466-Furcy
 ..T..CG.C.....CT.G..A..C.....G..T..C..C..
 Einoptatus101237-Cabral
C.....CT.C..T..C....TT....CT.....T..C..C..
 Einoptatus101238-Cabral
C.....CT.C..T..C....TT....CT.....T..C..C..
 Einoptatus103704-Castillion
C.....CT.C..T..C....TT....CT.....T..C..C..
 Einoptatus-spl_160375-El_Valle
C.....CT.C..A.....TT....CT.....A..T..C..C..
 Einoptatus192000-Anse_DHainault
 ..T.....C.....CT.C..T..C....TT....CT.....T..C..C..
 Einoptatus192607-Cabral
C.....CT.C..T..C....TT....CT.....T..C..C..
 Einoptatus-spl_193094-Batez_Pied
C.....CT.C..A..C....TT....CT.....A..T..C..C..
 Einoptatus194350-Apolinar_Pelodr
C.....CT.C..T..C....TT....CT.....T..C..C..
 Einoptatus194351-Apolinar_Pelodr
C.....CT.C..T..C....TT....CT.....T..C..C..
 Einoptatus-spl_194583-Bombardopo
C.....CT.C..A.....TT....CT.....A..T..C..C..
 Einoptatus-spl_194584-Bombardopo
C.....CT.C..A.....TT....CT.....A..T..C..C..
 Einoptatus-spl_194624-Bombardopo
C.....CT.C..A.....TT....CT.....A..T..C..C..
 Einoptatus267595-Alcoa_Road
C.....CT.C..T..C....TT....CT.....T..C..C..
 Einoptatus-spl_267765-Los_Limone
C.....CT.C..A.....TT....CT.....A..T..C..C..
 Einoptatus-spl_267788-Naranjo_Ar
C.....CT.C..A.....TT....CT.....A..T..C..C..
 Einoptatus268569-Berry
C.....CT.C..T..C....TT....CT.....T..C..C..
 Einoptatus268680-Bonga
C.....CT.C..T..C....TT....CT.....T..C..C...

Einoptatus268689-Furcy
C.....CT.C..T..C....TT....CT.....T..C..C...
 Ejugans160562-Furcy
 ..T..CA.CA.....CT.G..A..C.....TA.....A.....C..G
 Eleoncsei102893-El_Aguacate
G..CT....T...T....AG.C.....G.....C..T...
 Eleoncsei192544-Puerto_Escondido
G..CT....T...T....AG.C.....G.....C..T...
 Eleoncsei266703-Los_Arroyos
G..CT....T...T....AG.C.....G.....C..T...
 Eleoncsei267599-Casetta_Dos
G..CT....T...T....AG.C.....G.....C..T...
 Enortoni103744-Castillion
CT.C..T..C....TA..T.CT.....T..A..T.GC..C...
 Enortoni160538-Furcy
CT.C..T.....T..T.CT.....T..A....GC..C...
 Enortoni160634-Plaine_Formon
CT.C..T.....T..T.CT.....T..A..T.GC..C...
 Enotidodes102862-Los_Pinos
???????.T..T....TG....T.....T..A..T..C..C..G
 Enotidodes102890-Los_Pinos
???????.T..T....TG....T.....T..A..T..C..C..G
 Enotidodes266303-Calimete
C....A....T..T....TG....T.....T..A..T..C..C..G
 Enotidodes266304-Calimete
C....A....T..T....TG....T.....T..A..T..C..C..G
 Enotidodes266305-Calimete
C....A....T..T....TG....T.....T..A..T..C..C..G
 Enotidodes266306-Calimete
C....A....T..T....TG....T.....T..A..T..C..C..G
 Exoptychus103684-Castillion
 ..T..C..CT.....CT.C..A..C.....T.....A.....C...
 Exoptychus103685-Castillion
 ..T..C..CT.....CT.C..A..C.....T.....A.....C...
 Exoptychus103751-Castillion
 ..T..C..CT.....CT.C..A..C.....T.....A.....C...
 Exoptychus103752-Castillion
 ..T..C..CT.....CT.C..A..C.....T.....A.....C...
 Exoptychus103753-Castillion
 ..T..C..CT.....CT.C..A..C.....T.....A.....C...
 Exoptychus103977-Marche_Leon
 ..T..C..CT.....CT.C..AG.C.....T.....A.....C...
 Exoptychus104114-Seguin
 ..T..C....T.....CT.C..A..C.....T.....A.....T...
 Exoptychus104115-Seguin
 ..T..C....T.....CT.C..A..C.....T.....A.....T...
 Exoptychus104116-Seguin
 ..T..C....T.....CT.C..A..C.....T.....A.....T...
 Exoptychus104117-Seguin
 ..T..C....T.....CT.C..A..C.....T.....A.....T...
 Exoptychus104118-Seguin
 ..T..C....T.....CT.C..A..C.....T.....A.....T...
 Exoptychus191943-Dame-Marie
 ..T..C..CT.....CT.C..A..C.....T.....A.....C..C...
 Exoptychus191944-Dame-Marie
 ..T..C..CT.....CT.C..A..C.....T.....A.....C..C...
 Epictissimus102623-Los_Patos
A.....T....A....T.....G.....A.....C..C...
 Epictissimus103608-Camp_Perrin
 A.T.....CA.....T.....A.....A.....C..T...

Epictissimus191739-Ducis
 ..T.....CA....T.....T.....G.....A.....C..T...
 Epictissimus191780-Pestel
 ..T.....CA....T.....T.....A.....C..T...
 Epictissimus191781-Pestel
 A.T.....CA....T.....T.....A.....C..T...
 Epictissimus191782-Pestel
 A.T.....CA....T.....T.....A.....C..T...
 Epictissimus191783-Pestel
 A.T.....CA....T.....T.....A.....C..T...
 Epictissimus191896-Pestel
 A.T.....CA....T.....T.....A.....C..T...
 Epictissimus191900-Pestel
 ..T.....CA....T.....T.....A.....C..T...
 Epictissimus191901-Pestel
 ..T.....CA....T.....T.....A.....C..T...
 Epictissimus192326-Baraderes
 ..T.....CA....T.....T.....A.....C..T...
 Epictissimus-sp2_191972-Dame-Mar
A....T...A.....G.....A.....C..T...
 Eruififemoralis160226-Tejunde
 ..T..T..CA.....CTT....A..CA....T.....G.....A..T..C..C...
 Esommeri161590-Rio_Limpio
CT....TG.CA....T..T.C.....C..C...
 Esommeri161591-Rio_Limpio
CT....TG.CA....T..T.C.....C..C...
 Esommeri161592-Rio_Limpio
CT....TG.CA....T..T.C.....C..C...
 Esommeri161593-Rio_Limpio
CT....TG.CA....T..T.C.....C..C...
 Ewetmorei103844-Port_Salut
C..C.....CT....TG.CATA..T..T.C.....C..C...
 Ewetmorei103845-Port_Salut
C..C.....CT....TG.CATA..T..T.C.....C..C...

 Eabbotti101101-Sabana_de_la_Mar
 CTCCCTACGTAACTTCACGCCAACGGGGCCTCATTCTTATCTGTATCTATCTTCAT
 Eabbotti101117-Jayaco
T.....C.....
 Ealcoae102626-Los_Patos
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C...
 Ealcoae102627-Los_Patos
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C...
 Ealcoae194724-Isla_Beata
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C...
 Ealcoae194725-Isla_Beata
 ..TT....A.....G.....A..A...C.C..C..C.....C.....C..C...
 Ealcoae194726-Isla_Beata
 ..TT....A.....G.....A..A...C.C..C..C.....C.....C..C...
 Ealcoae194727-Isla_Beata
 ..TT....A.....G.....A..A...C.C..C..C.....C.....C..C...
 Ealcoae194728-Isla_Beata
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C...
 Ealcoae194867-Bucan_Detwi
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C...
 Ealcoae194868-Bucan_Detwi
 ..T.....A.....A.....A..A...C.C..C..C.....C..T..C.....
 Ealcoae194869-Bucan_Detwi
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C...
 Ealcoae194871-Bucan_Detwi
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C...

Ealcoae194876-Cabo_Beata
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C..
 Ealcoae194877-Cabo_Beata
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C..
 Ealcoae194878-Cabo_Beata
 ..TT....A.....A.....A..A...C.C..C..C.....C..T..C..C..
 Earmstrongi101265-Paraiso
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi102418-Cabral
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi102419-Cabral
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi102420-Cabral
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi102424-Cabral
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi102425-Cabral
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi160263-Tejunde
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi160264-Tejunde
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi160265-Tejunde
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi160266-Tejunde
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi160267-Tejunde
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T..C.....C
 Earmstrongi160558-Furcy
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T.....C
 Earmstrongi160559-Furcy
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T.....C
 Earmstrongi160560-Furcy
 ..T.....A...T.A.....T..A..A...C.C..C..C.....T.....C
 Eaudanti-sp3_102614-Cabral
 ...T.....T.....A.....T..C..C.....C..T..CT.A..C
 Eaudanti-sp1_102798-El_Aguacate
 ...T.....TT.C.....A.....T.....C.....T.....T..C..A..C
 Eaudanti-sp1_102799-El_Aguacate
 ...T.....TT.C.....A.....T.....C.....T.....T..C..A..C
 Eaudanti-sp1_102800-El_Aguacate
 ...T.....TT.C.....A.....T.....C.....T.....T..C..A..C
 Eaudanti-sp2_104035-Marche_Leon
 ...T.....T.....A.....T.....C.....T.....G..C
 Eaudanti104299-Seguin
 ...T..C.....T.....A.....T.....C.....T.....T..T.A..C
 Eaudanti104300-Seguin
 ...T..C.....T.....A.....T.....C.....T.....T..T.A..C
 Eaudanti104301-Marche_Leon
 ...T..C..C..T.....A.....T.....C.....T.....T..T.A..C
 Eaudanti104370-Gros_Cheval
 ...T..C.....T.....A.....T.....C.....T.....T..T.A..C
 Eaudanti104372-Gros_Cheval
 ...T..C.....T.....A.....T.....C.....T.....T..T.A..C
 Eaudanti160543-Furcy
 ...T..C.....T.....A.....T.....C.....T.....T..T.A..C
 Eaudanti160544-Furcy
 ...T..C.....T.....A.....T.....C.....T.....T..T.A..C
 Eaudanti160545-Furcy
 ...T..C.....T.....A.....T.....C.....T.....T..T.A..C

Eaudanti160546-Furcy
 ..T..C.....T.....A.....T.....C.....T.....T...T.A..C
 Eaudanti160547-Furcy
 ..T..C.....T.....A.....T.....C.....T.....T...T.A..C
 Eaudanti-sp4_160702-Les_Platons
 ...T.G.....TT....T.....T..T..C..C.....T.....T..CT.A..C
 Eaudanti266302-Calimete
 ..T..G..C.....A.....T..C..C.....T...T.G...
 Eaudanti-sp5_268612-Furcy
 ...T....C..T.....T..A.....C.....C.....
 Eaudanti268684-Morne_la_visite
 ..T..C.....T.....A.....T.....C.....T.....T...T.A..C
 Eaudanti268685-Morne_la_visite
 ..T..C.....T.....A.....T.....C.....T.....T...T.A..C
 Eaudanti268686-Morne_la_visite
 ..T..C..C..T.....T.....C.....T.....T...T.A..C
 Eaudanti268687-Morne_la_visite
 ..T..C.....T.....A.....T.....C.....T.....T...T.A..C
 Eaudanti268688-Morne_la_visite
 ..T..C.....T.....A.....T.....C.....T.....T...T.A..C
 Eaudanti-sp1_102797-El_Aguacate
 ..T.....TT.C.....A.....T.....C.....T.....T..C..A..C
 Ebrevirostris160605-Formon_Ridge
 ..T..C..A.....A..T.....A.....CC....C..C.....T.....A..C
 Ebrevirostris160607-Formon_Ridge
 ..T..C..A.....A..T.....A.....CC....C..C.....T.....A..C
 Ebrevirostris160608-Formon_Ridge
 ..T..C..A.....A..T.....A.....CC....C..C.....T.....A..C
 Eceraemerus160279-Los_Arroyos
C..TA....T..T.....A.....C.....C.....T..CA.A...
 Eceraemerus160308-Los_Arroyos
C..TA....T..T.....A.....C.....C.....T..CA.A...
 Edarlingtoni104190-Seguin
 ...T....A.....G.....A..A..C.C.....CG.....T..C.....C
 Edarlingtoni104192-Seguin
 ...T....A.....G.....A..A..C.C.....CG.....T..C.....C
 Edarlingtoni104193-Seguin
 ...T....A.....G.....A..A..C.C.....CG.....T..C.....C
 Edarlingtoni104386-Gros_Cheval
 ...T....A.....G.....A..A..C.C.....CG.....T..C.....C
 Ediplasius103763-Castillion
C..TA....T..T.....A.....C..C.....T..A....C
 Efurcyensis160533-Furcy
T..G.....A.....CA....C.....C..T..C..G..C
 Efurcyensis160525-Furcy
T..G.....A.....CA....C.....C..T..C..G..C
 Efurcyensis160526-Furcy
T..G.....A.....CA....C.....C..T..C..G..C
 Efurcyensis160535-Furcy
T..G.....A.....CA....C.....C..T..C..G..C
 Efurcyensis160536-Furcy
T..G.....A.....CA....C.....C..T..C..G..C
 Efurcyensis160537-Furcy
T..G.....A.....CA....C.....C..T..C..G..C
 Efurcyensis160561-Furcy
T..G.....A.....CA....C.....C..T..C..G..C
 Efurcyensis268623-Furcy
T..G.....A.....CA....C.....C..T..C..G..C
 Efurcyensis268624-Furcy
T..G.....A.....CA....C.....C..T..C..G..C

Efurcyensis268625-Furcy
T..G.....A....CA....C.....C..T..C..G..C
 Efurcyensis268651-Furcy
T..G.....A....CA....C.....C..T..C..G..C
 Efurcyensis-spl_102891-Los_Arroy
C..A.....A....CA....C..C....C.....G..C
 Efurcyensis-spl_104140-Seguin
C..A.....A....CA....C..C....C.....G..C
 Efurcyensis-spl_104141-Seguin
C..A.....A....CA....C..C....C.....G..C
 Efurcyensis-spl_268604-Berry
C..A.....A....CA....C..C....C.....G..C
 Egrahami160730-Ca_Soleil
 ...T.....TT.A.....A..A.....C.....T.....C
 Egrahami160731-Ca_Soleil
 ...T.....TT.A.....A..A.....C.....T.....C
 Egrahami160732-Ca_Soleil
 ...T.....TT.A.....A..A.....C.....T.....C
 Egrahami160733-Ca_Soleil
 ...T.....TT.A.....A..A.....C.....T.....C
 Egrahami160807-Citadel_of_King_C
 ...T.....TT.A.....A..A.....C.....T.....C
 Egrahami160808-Citadel_of_King_C
 ...T.....TT.G.....A..A.....A.....C
 Egrahami160809-La_Pierre
 ...T.....TT.A.....A..A.....C.....T.....C
 Egrahami194590-Bombardopolis
 ...T.....T.A.....A..A.....C.....T.....C
 Eheminotal60460-Furcy
T..A....G.....A..T..CC....C.....C..T.....
 Eheminotal60465-Furcy
T..A....G.....A..T..CC....C.....C..T.....
 Eheminotal60466-Furcy
T..A....G.....A..T..CC....C.....C..T.....
 Einoptatus101237-Cabral
A..T.....A.....C.A....C..T.....T.....C..C
 Einoptatus101238-Cabral
A..T.....A.....C.A....C..T.....T.....C..C
 Einoptatus103704-Castillion
A..T.....A.....C.A....C..T.....T.....C..C
 Einoptatus-spl_160375-El_Valle
T.....A.....A....C..T.....T..CT.C..C
 Einoptatus192000-Anse_DHainault
A..T.....A.....C.A....C..T.....T.....C..C
 Einoptatus192607-Cabral
A..T.....A.....C.A....C..T.....T.....C..C
 Einoptatus-spl_193094-Batez_Pied
T.....A.....A....C..T.....T..CT.C..C
 Einoptatus194350-Apolinar_Pelodr
A..T.....A.....C.A....C.....T.....C..C
 Einoptatus194351-Apolinar_Pelodr
A..T.....A.....C.A....C.....T.....C..C
 Einoptatus-spl_194583-Bombardopo
T.....A.....A....C..T.....T..C..C..C
 Einoptatus-spl_194584-Bombardopo
T.....A.....A....C..T.....T..C..C..C
 Einoptatus-spl_194624-Bombardopo
T.....A.....A....C..T.....T..C..C..C
 Einoptatus267595-Alcoa_Road
A..T.....A.....C.A....C..T.....T.....C..C

Einoptatus-spl_267765-Los_Limone
T.....A....C..T....T..CT.C..C
 Einoptatus-spl_267788-Naranjo_Ar
T.....A....C..T....T..CT.C..C
 Einoptatus268569-Berry
A..T.....A.....C.A....C..T....T....C..C
 Einoptatus268680-Bonga
A..T.....A.....C.A....C.....T....C..C
 Einoptatus268689-Furcy
A..T.....A.....C.A....C.....T....C..C
 Ejugans160562-Furcy
A..T..A..T.....T..A.....CC....C.....C.....C
 Eleoncei102893-El_Aguacate
 ...T....A.....G.....A..A...C.C.....G.....T..C.....C
 Eleoncei192544-Puerto_Escondido
 ...T....A.....G.....A..A...C.C.....G.....T..C.....C
 Eleoncei266703-Los_Arroyos
 ...T....A.....G.....A..A...C.C.....G.....T..C.....C
 Eleoncei267599-Casetta_Dos
 ...T....A.....G.....A..A...C.C.....G.....T..C.....C
 Enortoni103744-Castillion
 ...T....A.....T..A..T.....C.....C.....C.....C
 Enortoni160538-Furcy
 ...T....A.....T..A..T.....C.....C.....C.....C
 Enortoni160634-Plaine_Formon
 ...T....A.....T..A..T.....C.....C.....C.....C
 Enotidodes102862-Los_Pinos
 ...T..G..C.....A.....T..C..C.....T....T.G...
 Enotidodes102890-Los_Pinos
 ...T..G..C.....A.....T..C..C.....T....T.G...
 Enotidodes266303-Calimete
 ...T..G..C.....A.....T..C..C.....T....T.G...
 Enotidodes266304-Calimete
 ...T..G..C.....A.....T..C..C.....T....T.G...
 Enotidodes266305-Calimete
 ...T.....C.....A.....T..C..C.....T....T.G...
 Enotidodes266306-Calimete
 ...T.....C.....A.....T..C..C.....T....T.G...
 Exoptychus103684-Castillion
C..A..TT.A..T.....TC.C..C.....T..C.....A..C
 Exoptychus103685-Castillion
C..A..TT.A..T.....TC.C..C.....T..C.....A..C
 Exoptychus103751-Castillion
C..A..TT.A..T.....TC.C..C.....T..C.....A..C
 Exoptychus103752-Castillion
C..A..TT.A..T.....TC.C..C.....T..C.....A..C
 Exoptychus103753-Castillion
C..A..TT.A..T.....TC.C..C.....T..C.....A..C
 Exoptychus103977-Marche_Leon
C..A..TT.A..T.....TC.C..C.....T..C.....A..C
 Exoptychus104114-Seguin
 ...T..C..A..TT.A..T.....TC.C..C.....T..C.....G..C
 Exoptychus104115-Seguin
 ...T..C..A..TT.A..T.....TC.C..C.....T..C.....G..C
 Exoptychus104116-Seguin
 ...T..C..A..TT.A..T.....TC.C..C.....T..C.....G..C
 Exoptychus104117-Seguin
 ...T..C..A..TT.A..T.....TC.C..C.....T..C.....G..C
 Exoptychus104118-Seguin
 ...T..C..A..TT.A..T.....TC.C..C.....T..C.....G..C

Eoxyrhynchus191943-Dame-Marie
C..A..TT.A..T.....TC.C..C....T..C.....A..C
 Eoxyrhynchus191944-Dame-Marie
C..A..TT.A..T.....TC.C..C....T..C.....A..C
 Epictissimus102623-Los_Patos
 ...T.....TT.A.....A..A.....T.....
 Epictissimus103608-Camp_Perrin
 ...T.....TT.A.....A..G.....C.....C.....C
 Epictissimus191739-Ducis
 ...T.....TT.A.....A..A.....C.....T.....
 Epictissimus191780-Pestel
 ...T.....TT.A.....A..G.....C.....T..C.....C
 Epictissimus191781-Pestel
 ...T.....TT.A.....A..G.....C.....C.....C
 Epictissimus191782-Pestel
 ...T.....TT.A.....A..G.....C.....C.....C
 Epictissimus191783-Pestel
 ...T.....TT.A.....A..G.....C.....C.....C
 Epictissimus191896-Pestel
 ...T.....TT.A.....A..G.....C.....C.....C
 Epictissimus191900-Pestel
 ...T.....TT.A.....A..G.....C.....T..C.....C
 Epictissimus191901-Pestel
 ...T.....TT.A.....A..G.....C.....T..C.....C
 Epictissimus192326-Baraderes
 ...T.....TT.A.....A..G.....C.....C.....C
 Epictissimus-sp2_191972-Dame-Mar
 ...T.....TT.A.....A..A.....C.....T.....C
 Eruififemoralis160226-Tejunde
T..A...T.....A..T..CA.C..C..C.....C.....C..A..C
 Esommeril61590-Rio_Limpio
C..TA....T..T.....A.....C.....C.....T..CA.A...
 Esommeril61591-Rio_Limpio
C..TA....T..T.....A.....C.....C.....T..CA.A...
 Esommeril61593-Rio_Limpio
C..TA....T..T.....A.....C.....C.....T..CA.A...
 Ewetmorei103844-Port_Salut
C..TA....T..T.....A.....G.....C.....T..ACA...
 Ewetmorei103845-Port_Salut
C..TA....T..T.....A.....G.....C.....T..ACA...

 Eabbotti101101-Sabana_de_la_Mar
 ATTGGCCGAGGGCTATATTATGGCTCTTCTTAAAGAACCTGAAACATCGGAGTC
 Eabbotti101117-Jayaco
AT.....G.....
 Ealcoae102626-Los_Patos
 ..C..A.....TT.G.....C.....A..TC.C.....T.....
 Ealcoae102627-Los_Patos
 ..C..A.....TT.G.....C.....A..TC.C.....T.....
 Ealcoae194724-Isla_Beata
 ..C..A.....TT.G.....C.....A..TC.C.....T.....
 Ealcoae194725-Isla_Beata
 ..C..A.....TT.G.....C.....A..TC.....T.....
 Ealcoae194726-Isla_Beata
 ..C..A.....TT.G.....C.....A..TC.....T.....
 Ealcoae194727-Isla_Beata
 ..C..A.....TT.G.....C.....A..TC.....T.....
 Ealcoae194728-Isla_Beata
 ..C..A.....TT.G.....C.....A..TC.....T.....

Ealcoae194867-Bucan_Detwi
 ..C..A.....TT.G.....C.....A..TC.C.....T.....
 Ealcoae194868-Bucan_Detwi
 ..C..A.....T..G.....C.....A..TC.C.....T.....
 Ealcoae194869-Bucan_Detwi
 ..C..A.....TT.G.....C.....A..TC.C.....T.....
 Ealcoae194871-Bucan_Detwi
 ..C..A.....TT.G.....C.....A..TC.C.....T.....
 Ealcoae194876-Cabo_Beata
 ..C..A.....TT.G.....C.....A..TC.....T.....
 Ealcoae194877-Cabo_Beata
 ..C..A.....TT.G.....C.....A..TC.....T.....
 Ealcoae194878-Cabo_Beata
 ..C..A.....TT.G.....C.....A..TC.....T.....
 Earmstrongi101265-Paraiso
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi102418-Cabral
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi102419-Cabral
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi102420-Cabral
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi102424-Cabral
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi102425-Cabral
 ..C?..A.....T.....C..C.....C..TC.C.....
 Earmstrongi160263-Tejunde
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi160264-Tejunde
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi160265-Tejunde
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi160266-Tejunde
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi160267-Tejunde
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi160558-Furcy
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi160559-Furcy
 ..C..A.....T.....C..C.....C..TC.C.....
 Earmstrongi160560-Furcy
 ..C..A.....T.....C..C.....C..TC.C.....
 Eaudanti-sp3_102614-Cabral
A..G..C..C.....TC.....T..T.....T
 Eaudanti-sp1_102798-El_Aguacate
A.....C....C..C.....TC.G.....T.....T..T.....T
 Eaudanti-sp1_102799-El_Aguacate
A.....C....C..C.....TC.G.....T.....T..T.....T
 Eaudanti-sp1_102800-El_Aguacate
A.....C....C..C.....TC.G.....T.....T..T.....T
 Eaudanti-sp2_104035-Marche_Leon
 ..C..A.....C.....C.....T.....T.....T..T.....T
 Eaudanti104299-Seguin
A.....C.....C..C.....TC.....T.....T.....T
 Eaudanti104300-Seguin
A.....C.....C..C.....TC.....T.....T.....T
 Eaudanti104301-Marche_Leon
A.....C.....C..C.....TC.....T.....T..T.....T
 Eaudanti104370-Gros_Cheval
A.....C.....C..C.....TC.....T.....T.....T

Eaudanti104372-Gros_Cheval
A.....C.....C..C.....TC.....T.....T..T.....T
 Eaudanti160543-Furcy
A.....C.....C..C.....TC.....T.....T.....T
 Eaudanti160544-Furcy
A.....C.....C..C.....TC.....T.....T.....T
 Eaudanti160545-Furcy
?.....C.....C..C.....TC.....T.....T.....T
 Eaudanti160546-Furcy
A.....C.....C..C.....TC.....T.....T..T.....T
 Eaudanti160547-Furcy
A.....C.....C..C.....TC.....T.....GT.....T
 Eaudanti-sp4_160702-Les_Platons
CT....C.....C..C.....G.....T.....T..T...A.T
 Eaudanti266302-Calimete
 ..C..G.....C.....C.....T....A.....G.....T..T.....
 Eaudanti-sp5_268612-Furcy
C.....T..A.....C.....T.....T.....T
 Eaudanti268684-Morne_la_visite
A.....C.....C..C.....TC....C.....T.....T.....T
 Eaudanti268685-Morne_la_visite
A.....C.....C..C.....TC.....T.....T.....T
 Eaudanti268686-Morne_la_visite
A.....C.....C..C.....TC.....T.....T..T.....T
 Eaudanti268687-Morne_la_visite
A.....C.....C..C.....TC.....T.....T.....T
 Eaudanti268688-Morne_la_visite
A.....C.....C..C.....TC.....T.....T.....T
 Eaudanti-sp1_102797-El_Aguacate
A.....C.....C..C.....TC.G.....T.....T..T.....T
 Ebrevirostris160605-Formon_Ridge
 ..C..A.....CA.....C..A..A..C....C..G.....T.....T..G..A
 Ebrevirostris160607-Formon_Ridge
 ..C..A.....CA.....C..A..A..C....C..G.....T.....T..G..A
 Ebrevirostris160608-Formon_Ridge
 ..C..A.....CA.....C..A..A..C....C..G.....T.....T..G..A
 Eceraemerus160279-Los_Arroyos
 G....A.....CAT....C.....C..C.....T..T..T..A
 Eceraemerus160308-Los_Arroyos
 G....A.....CAT....C.....C..C.....T..T..T..A
 Edarlingtoni104190-Seguin
 ..C..A.....C..G..C..C.....A..C.C.....G..G.....G.....T
 Edarlingtoni104192-Seguin
 ..C..A.....C..G..C..C.....A..C.C.....G..G.....G.....T
 Edarlingtoni104193-Seguin
 ..C..A.....C..G..C..C.....A..C.C.....G..G.....G.....T
 Edarlingtoni104386-Gros_Cheval
 ..C..A.....C..G..C..C.....A..C.C.....G..G.....G.....T
 Ediplasius103763-Castillion
G....CAT.....TC.....T..T..T..T..A
 Efurcyensis160533-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis160525-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis160526-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis160535-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis160536-Furcy
A.....TT....C.....A..A..TC.C.....T.....A

Efurcyensis160537-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis160561-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis268623-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis268624-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis268625-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis268651-Furcy
A.....TT....C.....A..A..TC.C.....T.....A
 Efurcyensis-spl_102891-Los_Arroy
A.....CT....C..C..A..A..TC.C.....T.....A
 Efurcyensis-spl_104140-Seguin
 ..C..A..G..CT....C.....A..A..TC.C.....T.....A
 Efurcyensis-spl_104141-Seguin
 ..C..A..G..CT....C.....A..A..TC.C.....T.....A
 Efurcyensis-spl_268604-Berry
 ..C..A..G..CT....C.....A..A..TC.C.....T.....A
 Egrahami160730-Ca_Soleil
A..T..C.....A.....G.....T..T..T
 Egrahami160731-Ca_Soleil
A..T..C.....A.....G.....T..T..T
 Egrahami160732-Ca_Soleil
A..T..C.....A.....G.....T..T..T
 Egrahami160733-Ca_Soleil
A..T..C.....A.....G.....T..T..T
 Egrahami160807-Citadel_of_King_C
A..T..C.....A.....G.....T..T..T
 Egrahami160808-Citadel_of_King_C
 ..C..A..T..C.....T..A..T.....G.....T
 Egrahami160809-La_Pierre
A..T..C.....A.....G.....T..T..T
 Egrahami194590-Bombardopolis
A..T..C.....A.....G.....T..T..T
 Eheminota160460-Furcy
 ..C..A..G..CT....C..C..A.....TC.C..C.....G.....T.....A
 Eheminota160465-Furcy
 ..C..A..G..TT....C..C..A.....TC.C..C.....G.....T.....A
 Eheminota160466-Furcy
 ..C..A..G..TT....C..C..A.....TC.C..C.....G.....T.....A
 Einoptatus101237-Cabral
CT.....C.....C..C..G.....C..C.....G..G.....T..T..T...
 Einoptatus101238-Cabral
CT.....C.....C..C..G.....C..C.....G..G.....T..T..T...
 Einoptatus103704-Castillion
CT.....C.....C.....A.....C..C.....G..G.....T..T..T...
 Einoptatus-spl_160375-El_Valle
 ..C..C.....CT....C.....G.....TC.C.....G.....T..T..A
 Einoptatus192000-Anse_DHainault
CT.....C.....C.....G.....C..C.....G.....T..T..T...
 Einoptatus192607-Cabral
CT.....C.....C..C..G.....C..C.....G..G.....T..T..T...
 Einoptatus-spl_193094-Batez_Pied
 ..C..C.....CT....C.....G.....TC.C.....G.....T..T..A
 Einoptatus194350-Apolinar_Pelodr
CT.....C.....C..C..A.....C..C.....G..G.....T..T..T...
 Einoptatus194351-Apolinar_Pelodr
CT.....C.....C..C..G.....C..C.....G..G.....T..T..T...

Einoptatus-spl_194583-Bombardopo
C.....C.....C.....G.....TC.C.....G.....T..T..A
 Einoptatus-spl_194584-Bombardopo
C.....C.....C.....G.....TC.C.....G.....T..T..A
 Einoptatus-spl_194624-Bombardopo
C.....C.....C.....G.....TC.C.....G.....T..T..A
 Einoptatus267595-Alcoa_Road
CT.....C.....C..C..G.....C.C.....G..G.....T..T..T...
 Einoptatus-spl_267765-Los_Limone
 ..C.C.....CT....C.....G.....TC.C.....G.....T..T..A
 Einoptatus-spl_267788-Naranjo_Ar
 ..C.C.....CT....C.....G.....TC.C.....G.....T..T..A
 Einoptatus268569-Berry
CT.....C.....C..C..G.....C.C.....G..G.....T..T..T...
 Einoptatus268680-Bonga
CT.....C.....C..C..G.....C.C.....G..G.....T..T..T...
 Einoptatus268689-Furcy
CT.....C.....C..C..G.....C.C.....G..G.....T..T..T...
 Ejugans160562-Furcy
 G.C..T..T..C.....C..C..A..A..TC.C..C.....G.....T.....A
 Eleoncsei102893-El_Aguacate
 ..C..A..G..C.....C..C.....G..C.C.....G.....T
 Eleoncsei192544-Puerto_Escondido
 ..C..A..G..C.....C..C.....G..C.C.....G.....T
 Eleoncsei266703-Los_Arroyos
 ..C..A..G..C.....C..C.....G..C.C.....G.....T
 Eleoncsei267599-Casetta_Dos
 ..C..A..G..C.....C..C.....G..C.C.....G.....T
 Enortoni103744-Castillion
G..C.....C.....C.TC.....G.G.....T..G.....A
 Enortoni160538-Furcy
G..C.....C.....C.TC.....G.....G.....A
 Enortoni160634-Plaine_Formon
G..C.....C.....C.TC.....G.G.....T..G.....A
 Enotidodes102862-Los_Pinos
 ..C..G.....C.....C.....T....A.....G.....T..T.....
 Enotidodes102890-Los_Pinos
 ..C..G.....C.....C.....T....A.....G.....T..T.....
 Enotidodes266303-Calimete
 ..C..G.....C.....C.....T....A.....G.....T..T.....
 Enotidodes266304-Calimete
 ..C..G.....C.....C.....T....A.....G.....T..T.....
 Enotidodes266305-Calimete
 ..C..G.....C.....C.....T....A.....G.....T..T.....
 Enotidodes266306-Calimete
 ..C..G.....C.....C.....T....A.....G.....T..T.....
 Eoxyrhynchus103684-Castillion
 ..C..A..G..AT....C.....A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus103685-Castillion
 ..C..A..G..AT....C.....A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus103751-Castillion
 ..C..A..G..AT....C.....A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus103752-Castillion
 ..C..A..G..AT....C.....A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus103753-Castillion
 ..C..A..G..AT....C.....A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus103977-Marche_Leon
 ..C..A..G..AT....C.....A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus104114-Seguin
 ..C..A..G..AT....C..C..A..A..TC.C..C.....T..T..G..A

Eoxyrhynchus104115-Seguin
 ..C..A..G..AT....C..C..A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus104116-Seguin
 ..C..A..G..AT....C..C..A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus104117-Seguin
 ..C..A..G..AT....C..C..A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus104118-Seguin
 ..C..A..G..AT....C..C..A..A..TC.C..C.....T..T..G..A
 Eoxyrhynchus191943-Dame-Marie
 ..C..A..G..AT....C.....G..A..TC.C..C.....T..G..A
 Eoxyrhynchus191944-Dame-Marie
 ..C..A..G..AT....C.....A..A..TC.C..C.....T..G..A
 Epictissimus102623-Los_Patos
A..T..C.....A..T.....G.....T
 Epictissimus103608-Camp_Perrin
A..T..C.....A..TC.....T
 Epictissimus191739-Ducis
A..T..C.....A..T.....G.....T
 Epictissimus191780-Pestel
A..T..C.....A..TC.....T
 Epictissimus191781-Pestel
A..T..C.....A..TC.....T
 Epictissimus191782-Pestel
A..T..C.....A..TC.....T
 Epictissimus191783-Pestel
A..T..C.....A..TC.....T
 Epictissimus191896-Pestel
A..T..C.....A..TC.....T
 Epictissimus191900-Pestel
A..T..C.....A..TC.....T
 Epictissimus191901-Pestel
A..T..C.....A..TC.....T
 Epictissimus192326-Baraderes
A..T..C.....A..TC.....T
 Epictissimus-sp2_191972-Dame-Mar
A..T..C.....A..TC.....G.....T.....T
 Eruifemoralis160226-Tejunde
A.....T.....C..A..C..TC.C.....T..G..T.....A
 Esommeri161590-Rio_Limpio
 G....A....CAT.....C..C.....T.....T..T..T..A
 Esommeri161591-Rio_Limpio
 G....A....CAT.....C..C.....T.....T..T..T..A
 Esommeri161592-Rio_Limpio
 G....A....CAT.....C..C.....T.....T..T..T..A
 Esommeri161593-Rio_Limpio
 G....A....CAT.....C..C.....T.....T..T..T..A
 Ewetmorei103844-Port_Salut
A....CAT.....C..C.....T..T.....A
 Ewetmorei103845-Port_Salut
A....CAT.....C..C.....T..T..T..A

 Eabbotti101101-Sabana_de_la_Mar
 ATCCCTTCTCCTACTAACTATAGCCACAGCATTGGTTATGTTCTTCATGAGGCCAA
 Eabbotti101117-Jayaco

 Ealcoae102626-Los_Patos
 G.A.....AT.CT.....T..T.....C..A.....C.....T...
 Ealcoae102627-Los_Patos
 G.A.....AT.CT.....T..T.....C..A.....C.....T...
 Ealcoae194724-Isla_Beata
 G.A.....AT.CT.....T..T.....C..A.....C.....T...

Ealcoae194725-Isla_Beata
 G.A.....AT.CT.....T..T.....C..A....C.....T...
 Ealcoae194726-Isla_Beata
 G.A.....AT.CT.....T..T.....C..A....C.....T...
 Ealcoae194727-Isla_Beata
 G.A.....AT.CT.....T..T.....C..A....C.....T...
 Ealcoae194728-Isla_Beata
 G.A.....AT.CT.....T..T.....C..A....C.....T...
 Ealcoae194867-Bucan_Detwi
 G.A.....AT.CT.....T..T.....C..A.....T...
 Ealcoae194868-Bucan_Detwi
 G.A.....AT.CT.....T..T.....C..A....C..C.....T..G
 Ealcoae194869-Bucan_Detwi
 G.A.....AT.CT.....T..T.....C..A.....C.....T...
 Ealcoae194871-Bucan_Detwi
 G.A.....AT.CT.....T..T.....C..A.....C.....T...
 Ealcoae194876-Cabo_Beata
 G.A.....AT.CT.....T.....C..A....C.....T...
 Ealcoae194877-Cabo_Beata
 G.A.....AT.CT.....T.....C..A....C.....T...
 Ealcoae194878-Cabo_Beata
 G.A.....AT.CT.....T.....C..A....C.....T...
 Earmstrongi101265-Paraiso
 G.A.....T.C.....C.....T.....A....C..C.....G
 Earmstrongi102418-Cabral
 G.A.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi102419-Cabral
 GCA.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi102420-Cabral
 G.A.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi102424-Cabral
 G.A.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi102425-Cabral
 G.A.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi160263-Tejunde
 G.A.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi160264-Tejunde
 G.A.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi160265-Tejunde
 G.A.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi160266-Tejunde
 G.A.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi160267-Tejunde
 G.A.....T.C.....C.....T.....A....C..C.....G.....G
 Earmstrongi160558-Furcy
 G.A.....T.C.....C.....T.....A..C..C..C.....G.....G
 Earmstrongi160559-Furcy
 G.A.....T.C.....C.....T.....A..C..C..C.....G.....G
 Earmstrongi160560-Furcy
 G.A.....T.C.....C.....T.....A..C..C..C.....G.....G
 Eaudanti-sp3_102614-Cabral
C.....T..C.....G..C.....C.....
 Eaudanti-sp1_102798-El_Aguacate
 T.T.....T..T..C..G.....T.....C.....G
 Eaudanti-sp1_102799-El_Aguacate
 T.T.....T..T..C.....T.....C.....G
 Eaudanti-sp1_102800-El_Aguacate
 T.T.....T..T..C..G.....T.....C.....G
 Eaudanti-sp2_104035-Marche_Leon
 ..T.....C..C.....G..T.....A..A..C..C..C..T.....T..G

Eaudanti104299-Seguin
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti104300-Seguin
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti104301-Marche_Leon
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti104370-Gros_Cheval
T..C.....T.....A..C.....C..G.....G
 Eaudanti104372-Gros_Cheval
T..C.....T.....A..C.....C..G.....G
 Eaudanti160543-Furcy
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti160544-Furcy
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti160545-Furcy
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti160546-Furcy
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti160547-Furcy
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti-sp4_160702-Les_Platons
 ..T..C..TT.T..CT....G..T.....T..A..C.....C..G..G.....
 Eaudanti266302-Calimete
 ..T..C..A..T..T.....G..C.....
 Eaudanti-sp5_268612-Furcy
 G.A.....T.....C..G.....C.....C..G.....T...
 Eaudanti268684-Morne_la_visite
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti268685-Morne_la_visite
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti268686-Morne_la_visite
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti268687-Morne_la_visite
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti268688-Morne_la_visite
 ..T.....T..T.....T.....A..C.....C..G.....G
 Eaudanti-sp1_102797-El_Aguacate
 T.T.....T..T..C..G.....T..C.....G
 Ebrevirostris160605-Formon_Ridge
 G.A..C.....G.....C..T..A..C..C..C.....G..G.....
 Ebrevirostris160607-Formon_Ridge
 G.A..C.....G.....C..T..A..C..C..C.....G..G.....
 Ebrevirostris160608-Formon_Ridge
 G.A..C.....G.....C..T..A..C..C..C.....G..G.....
 Eceraemerus160279-Los_Arroyos
 ..T.....T..C.....A..C..T.....C.....A...
 Eceraemerus160308-Los_Arroyos
 ..T.....T..C.....A..C..T.....C.....A...
 Edarlingtoni104190-Seguin
 G.A.....T..C..G..C.....A..C..C.....G.....
 Edarlingtoni104192-Seguin
 G.A.....T..C..G..C.....C..A..C..C.....G.....
 Edarlingtoni104193-Seguin
 G.A.....T..C..G..C.....C..A..C..C.....G.....
 Edarlingtoni104386-Gros_Cheval
 G.A.....T..C..G..C.....A..C..C.....G.....
 Ediplasius103763-Castillion
 ..T.....T..C.....A.....C.....A.....G.....G..G
 Efurcyeensis160533-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C.....T...

Efurcyensis160525-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis160526-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis160535-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis160536-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis160537-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis160561-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis268623-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis268624-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis268625-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis268651-Furcy
 G.T.....T..C..G..T.....C.....A..C..C..C..C.....T...
 Efurcyensis-spl_102891-Los_Arroy
 G.A..C.....C..C.....C.....A..C..C..C..C..G.....T...
 Efurcyensis-spl_104140-Seguin
 G.A..C..T.....C..C.....C.....A..C..C..C..G.....T...
 Efurcyensis-spl_104141-Seguin
 G.A..C..T.....C..C.....C.....A..C..C..C..G.....T...
 Efurcyensis-spl_268604-Berry
 G.A..C..T.....C..C.....C.....A..C..C..C..G.....T...
 Egrahami160730-Ca_Soleil
 ..T..C..T.....T.....A..A.....
 Egrahami160731-Ca_Soleil
 ..T..C..T.....T.....A..A.....
 Egrahami160732-Ca_Soleil
 ..T..C..T.....T.....A..A.....
 Egrahami160733-Ca_Soleil
 ..T..C..T.....T.....A..A.....
 Egrahami160807-Citadel_of_King_C
 ..T..C..T.....T.....A..A.....
 Egrahami160808-Citadel_of_King_C
 ..T..C..T.....T.....GG..A.....
 Egrahami160809-La_Pierre
 ..T..C..T.....T.....A..A.....
 Egrahami194590-Bombardopolis
 ..T..C..T.....T.....A..A.....
 Eheminotal160460-Furcy
 G....A.....T..C.....T.....C..T..G.....C.....C.....G
 Eheminotal160465-Furcy
 G....A.....T..C.....T.....C..T..G.....C.....C.....G
 Eheminotal160466-Furcy
 G....A.....T..C.....T.....C..T..G.....C.....C.....G
 Einoptatus101237-Cabral
 ..T.....T..T..TGTA.....A.....C..CT.A.....G..T..G
 Einoptatus101238-Cabral
 ..T.....T..T..TGTA.....A.....C..CT.A.....G..T..G
 Einoptatus103704-Castillion
 ..T.....T..T..TGTA.....A.....C..CT.A.....G..T..G
 Einoptatus-spl_160375-El_Valle
 ..T.....T..G..TGTG.....T..A.....C..CT.A.....T...
 Einoptatus192000-Anse_DHainault
 ..T.....T..T..TGTA.....A.....C..CT.A.....T...

Einoptatus192607-Cabral
 ..T.....T..T..TGTA.....A.....C..CT.A.....G..T..G
 Einoptatus-spl_193094-Batez_Pied
 ..T.....T..G..TGTG.....T..A.....C..CT.A.....T...
 Einoptatus194350-Apolinar_Pelodr
T..T..TGTA.....A.....C..CT.A.....G..T..G
 Einoptatus194351-Apolinar_Pelodr
T..T..TGTA.....A.....C..CT.A.....G..T..G
 Einoptatus-spl_194583-Bombardopo
 ..T.....T..G..TGTG.....T..A.....C..CT.A.....T...
 Einoptatus-spl_194584-Bombardopo
 ..T.....T..G..TGTG.....T..A.....C..CT.A.....T...
 Einoptatus-spl_194624-Bombardopo
 ..T.....T..G..TGTG.....T..A.....C..CT.A.....T...
 Einoptatus267595-Alcoa_Road
 ..T.....T..T..TGTA.....A.....C..CT.A.....G..T..G
 Einoptatus-spl_267765-Los_Limone
 ..T.....T..G..TGTG.....T..A.....C..CT.A.....T...
 Einoptatus-spl_267788-Naranjo_Ar
 ..T.....T..G..TGTG.....T..A.....C..CT.A.....T...
 Einoptatus268569-Berry
 ..T.....T..T..TGTA.....A.....C..CT.A.....G..T..G
 Einoptatus268680-Bonga
T..T..TGTA.....T..A.....C..CT.A.....G..T..G
 Einoptatus268689-Furcy
T..T..TGTA.....A.....C..CT.A.....G..T..G
 Ejugans160562-Furcy
 G.A.....C..C..C..G.....C..T..A..C.....A.....T...
 Eleoncsei102893-El_Aguacate
 G.A.....T..C.....C.....T.....C..A..C..C.....G.....
 Eleoncsei192544-Puerto_Escondido
 G.A.....T..C.....C.....T.....C..A..C..C.....G.....
 Eleoncsei266703-Los_Arroyos
 G.A.....T..C.....C.....T.....C..A..C..C.....G.....
 Eleoncsei267599-Casetta_Dos
 G.A.....T..C.....C.....T.....C..A..C..C.....G.....
 Enortoni103744-Castillion
 ...A.C...T.G..CGTG.....T..C.....A..C.....G.....G
 Enortoni160538-Furcy
 ...A.C...T.G..CGTG.....T..C.....A..C.....G.....G
 Enortoni160634-Plaine_Formon
 ...A.C...T.G..CGTG.....T..C.....A..C.....G.....G
 Enotidodes102862-Los_Pinos
 ...T..C..A..T..T.....?A.G..C.....T.....
 Enotidodes102890-Los_Pinos
 ...T..C..A..T..T.....G..C.....
 Enotidodes266303-Calimete
 ...T..C..A..T..T.....G..C.....
 Enotidodes266304-Calimete
 ...T..C..A..T..T.....G..C.....
 Enotidodes266305-Calimete
 ...T..C..A..T..T.....G..C.....
 Enotidodes266306-Calimete
 ...T..C..A..T..T.....G..C.....
 Eoxyrhynchus103684-Castillion
 GCA.....A.....C..C..G.....T..T..G..C.....A..C..G..G.....
 Eoxyrhynchus103685-Castillion
 GCA.....A.....C..C..G.....T..T..G..C.....A..C..G..G.....
 Eoxyrhynchus103751-Castillion
 GCA.....A.....C..C..G.....T..T..G..C.....A..C..G..G.....

Eoxyrhynchus103752-Castillion
 GCA.....A.....C..C..G.....T..T..G..C.....A..C..G..G.....
 Eoxyrhynchus103753-Castillion
 GCA.....A.....C..C..G.....T..T..G..C.....A..C..G..G.....
 Eoxyrhynchus103977-Marche_Leon
 GCA.....A.....C..C..G.....T..T..G..C.....A..C..G..G.....
 Eoxyrhynchus104114-Seguin
 GCA.....T.....C..C..G.....T..T..A..C.....A.....G.....
 Eoxyrhynchus104115-Seguin
 GCA.....T.....C..C..G.....T..T..A..C.....A.....G.....
 Eoxyrhynchus104116-Seguin
 GCA.....T.....C..C..G.....T..T..A..C.....A.....G.....
 Eoxyrhynchus104117-Seguin
 GCA.....T.....C..C..G.....T..T..A..C.....A.....G.....
 Eoxyrhynchus104118-Seguin
 GCA.....T.....C..C..G.....T..T..A..C.....A.....G.....
 Eoxyrhynchus191943-Dame-Marie
 GCA.....A.....C..C..G.....T..T..G..C.....A..C..G..G.....
 Eoxyrhynchus191944-Dame-Marie
 GCA.....A.....C..C..G.....T..T..G..C.....A..C..G..G.....
 Epictissimus102623-Los_Patos
 ..T..C..T.....T.....A..A.....
 Epictissimus103608-Camp_Perrin
C.....T.....T.....A..A.....
 Epictissimus191739-Ducis
C..T.....T.....A..A.....
 Epictissimus191780-Pestel
C.....T.....T.....A..A.....
 Epictissimus191781-Pestel
C.....T.....T.....A..A.....
 Epictissimus191782-Pestel
C.....T.....T.....A..A.....
 Epictissimus191783-Pestel
C.....T.....T.....A..A.....
 Epictissimus191896-Pestel
C.....T.....T.....A..A.....
 Epictissimus191900-Pestel
C.....T.....T.....A..A.....
 Epictissimus191901-Pestel
C.....T.....T.....A..A.....
 Epictissimus192326-Baraderes
C.....T.....T.....A..A.....
 Epictissimus-sp2_191972-Dame-Mar
 ..T..C..T.....T.....A.....
 Eruifemoralis160226-Tejunde
 G.A.....G..C..C.....T....C.....G..C..C.....C.....T...
 Esommeril61590-Rio_Limpio
 ..T.....T..C.....A.....C..T.....C.....A...
 Esommeril61591-Rio_Limpio
 ..T.....T..C.....A.....C..T.....C.....A...
 Esommeril61592-Rio_Limpio
 ..T.....T..C.....A.....C..T.....C.....A...
 Esommeril61593-Rio_Limpio
 ..T.....T..C.....A.....C..T.....C.....A...
 Ewetmoreil103844-Port_Salut
 ..T.....C..C.....G..A.....C..T..C..A.....G...
 Ewetmoreil103845-Port_Salut
 ..T.....C..C.....G..A.....C..T..C..A.....G...

 Eabbotti101101-Sabana_de_la_Mar
 ATATCATTCTGAGGGGCCACTGTGATTACAAACTTATTATCCGCCACCCCTACATTGGG

Eabbotti101117-Jayaco
G.....A.....
 Ealcoae102626-Los_Patos
A.....C.....C.CC....G...G...G.....C..C
 Ealcoae102627-Los_Patos
A.....C.....C.CC....G...G...G.....C..C
 Ealcoae194724-Isla_Beata
A.....C.....C.CC....G...G...G.....C..C
 Ealcoae194725-Isla_Beata
A.....C.....C.CC....A...G...A.....C..C
 Ealcoae194726-Isla_Beata
A.....C.....C.CC....A...G...A.....C..C
 Ealcoae194727-Isla_Beata
A.....C.....C.CC....A...G...G.....C..C
 Ealcoae194728-Isla_Beata
A.....C.....C.CC....G...G...G.....C..C
 Ealcoae194867-Bucan_Detwi
A.....C.....C.CC....G...G...G.....C..C
 Ealcoae194868-Bucan_Detwi
A.....C.....C.CC....G...G...G.....C..C
 Ealcoae194869-Bucan_Detwi
A.....C.....C.CC....G...G...G.....C..C
 Ealcoae194871-Bucan_Detwi
A.....C.....C.CC....G...G...G.....C..C
 Ealcoae194876-Cabo_Beata
A.....C.....C.CC....A...G...G.....C..C
 Ealcoae194877-Cabo_Beata
A.....C.....C.CC....A...G...G.....C..C
 Ealcoae194878-Cabo_Beata
A.....C.....C.CC....A...G...G.....C..C
 Earmstrongi101265-Paraiso
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi102418-Cabral
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi102419-Cabral
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi102420-Cabral
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi102424-Cabral
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi102425-Cabral
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi160263-Tejunde
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi160264-Tejunde
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi160265-Tejunde
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi160266-Tejunde
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi160267-Tejunde
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi160558-Furcy
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi160559-Furcy
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Earmstrongi160560-Furcy
T..T.....T.....C.CC.G..A..TG.....G.C..C
 Eaudanti-sp3_102614-Cabral
 ..G..T.....C..T..C..C..C.....T...C.T..T..TG.....T.....T

Eaudanti-sp1_102798-El_Aguacate
T.....T.....T.....C..C.T..T...G.T.....T.....C
 Eaudanti-sp1_102799-El_Aguacate
T.....T.....T.....C..C.T..T...G.T.....T.....C
 Eaudanti-sp1_102800-El_Aguacate
T.....T.....T.....C..C.T..T...G.T.....T.....C
 Eaudanti-sp2_104035-Marche_Leon
T.....C.....T.....C.C..T..TG.T.....C
 Eaudanti104299-Seguin
T.....A..T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti104300-Seguin
T.....A..T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti104301-Marche_Leon
T.....A..T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti104370-Gros_Cheval
 ..G..T.....T.....C.....C.C..T..TG.T.....T.....C
 Eaudanti104372-Gros_Cheval
 ..G..T.....T.....C.....C.C..T..TG.T.....T.....C
 Eaudanti160543-Furcy
T.....A..T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti160544-Furcy
T.....A..T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti160545-Furcy
T.....A..T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti160546-Furcy
T.....A..T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti160547-Furcy
T.....A..T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti-sp4_160702-Les_Platons
T.....A..T.....G..T....C.C..T..TG.....TG....C
 Eaudanti266302-Calimete
T..T.....T.....C.T..T..G.....T.....C
 Eaudanti-sp5_268612-Furcy
T.....T.....T.....A
 Eaudanti268684-Morne_la_visite
T.....T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti268685-Morne_la_visite
T.....T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti268686-Morne_la_visite
T.....A..T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti268687-Morne_la_visite
T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti268688-Morne_la_visite
T.....C..C.....GC.T..T..TG.T.....T.....C
 Eaudanti-sp1_102797-El_Aguacate
T.....T.....T.....C..C.T..T...G.T.....T.....C
 Ebrevirostris160605-Formon_Ridge
T.....C.....T.....A..TG.....TG.G...
 Ebrevirostris160607-Formon_Ridge
T.....C.....T.....A..TG.....TG.G...
 Ebrevirostris160608-Formon_Ridge
T.....C.....T.....A..TG.....TG.G...
 Eceraemerus160279-Los_Arroyos
T..G.....A..C..A..C..C..C.TC....G.....A.....A
 Eceraemerus160308-Los_Arroyos
T..G.....A..C..A..C..C..C.TC....G.....A.....A
 Edarlingtoni104190-Seguin
A..C.....C.CC....A..TG....T.....C..C
 Edarlingtoni104192-Seguin
A..C.....C.CC....A..TG....T.....C..C

Edarlingtoni104193-Seguin
A..C.....C.CC....A..TG....T.....C..C
 Edarlingtoni104386-Gros_Cheval
A..C.....C.CC....A..TG....T.....C..C
 Ediplasius103763-Castillion
T.....T..C..A..C..C..C.TC....A..G....A..T..C..
 Efurcyensis160533-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis160525-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis160526-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis160535-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis160536-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis160537-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis160561-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis268623-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis268624-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis268625-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis268651-Furcy
 ..G.....C..C..C.....A..G....A..T.....A
 Efurcyensis-spl_102891-Los_Arroy
A.....C..C.....C..TC..C....A..G....A..T.....
 Efurcyensis-spl_104140-Seguin
C..C..C..C..TC..C....A..G....A..T.....A
 Efurcyensis-spl_104141-Seguin
C..C..C..C..TC..C....A..G....A..T.....A
 Egrahami160730-Ca_Soleil
T.....C.....A..T.....C..TC.TC....A..TG....T..T.....C
 Egrahami160731-Ca_Soleil
T.....C.....A..T.....C..TC.TC....A..TG....T..T.....C
 Egrahami160732-Ca_Soleil
T.....C.....A..T.....C..TC.TC....A..TG....T..T.....C
 Egrahami160733-Ca_Soleil
T.....C.....A..T.....C..T..T.....A..TG....T..T.....C
 Egrahami160807-Citadel_of_King_C
T.....C.....A..T.....C..TC.TC....A..TG....T..T.....C
 Egrahami160808-Citadel_of_King_C
T.....C.....A..A.....T...C..TC....A..TG....T..T.....C
 Egrahami160809-La_Pierre
T.....C.....A..T.....C..TC.TC....A..TG....T..T.....C
 Egrahami194590-Bombardopolis
T.....C.....A..T.....C..TC.TC....A..TG....T..T.....C
 Eheminotal60460-Furcy
T.....T.....C..C..C.....A..G.....T..C..A
 Eheminotal60465-Furcy
T.....T.....C..C..C..C.....A..G.....T..C..A
 Eheminotal60466-Furcy
T.....T.....C..C..C..C..C.....A..G.....T..C..A
 Einoptatus101237-Cabral
A..A..A..C.....T...C..CC....T.....C...

Einoptatus101238-Cabral
A..A..A..C.....T...C.CC....T.....
 Einoptatus103704-Castillion
A..A..A..C.....T...C.CC....T.....T.....
 Einoptatus-sp1_160375-El_Valle
C..T.....C..A..A..A....T...C.CC.G..T..T.....
 Einoptatus192000-Anse_DHainault
A..A..C.....T...C.CC....T.....T.....
 Einoptatus192607-Cabral
A..A..A..C.....T...C.CC....T.....C...
 Einoptatus-sp1_193094-Batez_Pied
C..T.....C..A..A..A....T...C.CC.G..T..T.....
 Einoptatus194350-Apolinar_Pelodr
A..A..A..C.....T...C.CC....T.....T.....
 Einoptatus194351-Apolinar_Pelodr
A..A..A..C.....T...C.CC....T.....T.....
 Einoptatus-sp1_194583-Bombardopo
C..T.....C..A..A..A....T...C.CC....T..T.....
 Einoptatus-sp1_194584-Bombardopo
C..T.....C..A..A..A....T...C.CC....T..T.....
 Einoptatus-sp1_194624-Bombardopo
C..T.....C..A..A..A....T...C.CC....T..T.....
 Einoptatus267595-Alcoa_Road
A..A..C.....T...C.CC....T.....T.....
 Einoptatus-sp1_267765-Los_Limone
C..T.....C..A..A..A....T...C.CC.G..T..T.....
 Einoptatus-sp1_267788-Naranjo_Ar
C..T.....C..A..A..A....T...C.CC.G..T..T.....
 Einoptatus268569-Berry
A..A..C.....T...C.CC....T.....T.....
 Einoptatus268680-Bonga
A..A..A..C.....T...C.CC....T.....T.....
 Einoptatus268689-Furcy
A..A..A..C.....T...C.CC....T.....T.....
 Ejugans160562-Furcy
T.....C.....C..C..C..C..C..A.....A..TG.C..A
 Eleoncei102893-El_Aguacate
A..C.....C.CC....A..TG....T.....C..C
 Eleoncei192544-Puerto_Escondido
A..C.....C.CC....A..TG....T.....C..C
 Eleoncei266703-Los_Arroyos
A..C.....C.CC....A..TG....T.....C..C
 Eleoncei267599-Casetta_Dos
A..C.....C.CC....A..TG....T.....C..C
 Enortoni103744-Castillion
T..G.....A..T.....C.T.....T...G.T.....TG.C..A
 Enortoni160538-Furcy
T..G.....A..T.....C.T.....T...G.T.....TG.C..A
 Enortoni160634-Plaine_Formon
T..G.....A..T.....C.T.....T...G.T.....TG.C..A
 Enotidodes102862-Los_Pinos
T..T.....T.....C?T..T..G.....T.....C
 Enotidodes102890-Los_Pinos
T..T.....T.....C.T..T..G.....T.....C
 Enotidodes266303-Calimete
T..T.....T.....C.T..T..G.....T.....C
 Enotidodes266304-Calimete
T..T.....T.....C.T..T..G.....T.....C
 Enotidodes266305-Calimete
T..T.....T.....C.T..T..G.....T.....C

Enotidodes266306-Calimete
T..T.....T.....C.T..T...G.....T....C
 Eoxyrhynchus103684-Castillion
 ..G..G.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus103685-Castillion
 ..G..G.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus103751-Castillion
 ..G..G.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus103752-Castillion
 ..G..G.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus103753-Castillion
 ..G..G.....C..C..C.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus103977-Marche_Leon
 ..G..G.....C..C..C..T.....C.C..A.....A..TG.G..A
 Eoxyrhynchus104114-Seguin
 ..G.....C.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus104115-Seguin
 ..G.....C.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus104116-Seguin
 ..G.....C.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus104117-Seguin
 ..G.....C.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus104118-Seguin
 ..G.....C.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus191943-Dame-Marie
 ..G..G.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Eoxyrhynchus191944-Dame-Marie
 ..G..G.....C..C..C..T.....C.C..A...G....A..TG.G..A
 Epictissimus102623-Los_Patos
T.....C.....A..T.....T...C.CC....A..TG.....T....C
 Epictissimus103608-Camp_Perrin
T.....C.....A..T.....T...C.TC....G..TG.....T..T....C
 Epictissimus191739-Ducis
T.....C.....A..T.....T..TC.TC....A..TG.....T....C
 Epictissimus191780-Pestel
T.....C.....A..T.....T...C.TC....G..TG.....T..T....C
 Epictissimus191781-Pestel
T.....C.....A..T.....T...C.TC....G..TG.....T..T....C
 Epictissimus191782-Pestel
T.....C.....A..T.....T...C.TC....G..TG.....T..T....C
 Epictissimus191783-Pestel
T.....C.....A..T.....T...C.TC....G..TG.....T..T....C
 Epictissimus191896-Pestel
T.....C.....A..T.....T...C.TC....G..TG.....T..T....C
 Epictissimus191900-Pestel
T.....C.....A..T.....T...C.TC....G..TG.....T..T....C
 Epictissimus191901-Pestel
T.....C.....A..T.....T...C.TC....G..TG.....T..T....C
 Epictissimus192326-Baraderes
T.....C.....A..T.....T...C.TC....G..TG.....T..T....C
 Epictissimus-sp2_191972-Dame-Mar
C.....A..T.....T...C.T....A..TG.....T..T....C
 Eruififemoralis160226-Tejunde
 ..G.....C.....C..C.....C..TC.....A..TGT...G.....C..A
 Esommeril161590-Rio_Limpio
T..G.....A..C..A..C..C....C.TC....G.....A.....A
 Esommeril161591-Rio_Limpio
T..G.....A..C..A..C..C....C.TC....G.....A.....A
 Esommeril161592-Rio_Limpio
T..G.....A..C..A..C..C....C.TC....G.....A.....A

Esommeri61593-Rio_Limpio
T.G.....A..C..A..C..C...C.TC....G.....A.....A
 Ewetmorei103844-Port_Salut
T.....T..C..A..C..C...C.TC....A..G....A.....
 Ewetmorei103845-Port_Salut
T.....T..C..A..C..C...C.TC....A..G....A.....

 Eabbotti101101-Sabana_de_la_Mar
 ACCAATCTTGTCAATGAATCTGAGGC GGATTCTCTGTTGACAACGCCACCCTAACTCGC
 Eabbotti101117-Jayaco

 Ealcoae102626-Los_Patos
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae102627-Los_Patos
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194724-Isla_Beata
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194725-Isla_Beata
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194726-Isla_Beata
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194727-Isla_Beata
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194728-Isla_Beata
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194867-Bucan_Detwi
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194868-Bucan_Detwi
 ..A..C..A.....G..T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194869-Bucan_Detwi
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194871-Bucan_Detwi
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194876-Cabo_Beata
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194877-Cabo_Beata
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Ealcoae194878-Cabo_Beata
 ..A..C..A.....T.....G..G.....A..A..T.....T.....C..A
 Earmstrongi101265-Paraiso
 ..A..T.G..C.....T.....A..T.....C..A
 Earmstrongi102418-Cabral
 ..A..T.G..C.....T.....A..T.....C..A
 Earmstrongi102419-Cabral
 ..A..T.G..C.....G..T.....A..T.....C..A
 Earmstrongi102420-Cabral
 ..A..T.G..C.....T.....A..T.....C..A
 Earmstrongi102424-Cabral
 ..A..T.G..C.....T.....A..T.....C..A
 Earmstrongi102425-Cabral
 ..A..T.G..?C.....T.....A..T.....C..A
 Earmstrongi160263-Tejunde
 ..A..T.G..C.....G..T.....A..T.....C..A
 Earmstrongi160264-Tejunde
 ..A..T.G..C.....G..T.....A..T.....C..A
 Earmstrongi160265-Tejunde
 ..A..T.G..C.....G..T.....A..T.....C..A
 Earmstrongi160266-Tejunde
 ..A..T.G..C.....T.....A..T.....C..A
 Earmstrongi160267-Tejunde
 ..A..T.G..C.....T.....A..T.....C..A

Earmstrongi160558-Furcy
 ..A...T.G..C.....G..T.....A..T.....C..A
 Earmstrongi160559-Furcy
 ..A...T.G..C.....G..T.....A..T.....C..A
 Earmstrongi160560-Furcy
 ..A...T.G..C.....G..T.....A..T.....C..A
 Eaudanti-sp3_102614-Cabral
 ..T.....C.....T.....G..C..T..C.....T.....
 Eaudanti-sp1_102798-El_Aguacate
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti-sp1_102799-El_Aguacate
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti-sp1_102800-El_Aguacate
 ..TG.....C.....T.....G..C..T.....A..T.....T.....T
 Eaudanti-sp2_104035-Marche_Leon
 ...G.....C.....G..C..T.....T.....TT....T..T.
 Eaudanti104299-Seguin
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti104300-Seguin
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti104301-Marche_Leon
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti104370-Gros_Cheval
 ..TG.....C.....T.....A..C..T.....A..T.....TT.....T
 Eaudanti104372-Gros_Cheval
 ..TG.....C.....T.....A..C..T.....A..T.....TT.....T
 Eaudanti160543-Furcy
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti160544-Furcy
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti160545-Furcy
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti160546-Furcy
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti160547-Furcy
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti-sp4_160702-Les_Platons
 ..T.....G.T.....G..T.....T..T..T..TT.....T
 Eaudanti266302-Calimete
 ..T..C.....T.....A..C..T.....T.....TT.....
 Eaudanti-sp5_268612-Furcy
T.....C.....C...
 Eaudanti268684-Morne_la_visite
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti268685-Morne_la_visite
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti268686-Morne_la_visite
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti268687-Morne_la_visite
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti268688-Morne_la_visite
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Eaudanti-sp1_102797-El_Aguacate
 ..TG.....C.....T.....G..C..T.....A..T.....TT.....T
 Ebrevirostris160605-Formon_Ridge
 ..A.....A.....T.....T.....A
 Ebrevirostris160607-Formon_Ridge
 ..A.....A.....T.....T.....A
 Ebrevirostris160608-Formon_Ridge
 ..A.....A.....T.....T.....A

Eceraemerus160279-Los_Arroyos
 ..A..C..A.....G..C.....T....A....C..A
 Eceraemerus160308-Los_Arroyos
 ..A..C..A.....G..C.....T....A....C..A
 Edarlingtoni104190-Seguin
 ..A.....A.....GG.T.....T..C..A.....G..C..A
 Edarlingtoni104192-Seguin
 ..A.....A.....GG.T.....T..C..A.....G..C..A
 Edarlingtoni104193-Seguin
 ..A.....A.....GG.T.....T..C..A.....G..C..A
 Edarlingtoni104386-Gros_Cheval
 ..A.....A.....GG.T.....T..C..A.....Y..G..C..A
 Ediplasius103763-Castillion
 G.A..C..A.....G.....G..G..C.....T.....A....C..A
 Efurcyensis160533-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis160525-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis160526-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis160535-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis160536-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis160537-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis160561-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis268623-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis268624-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis268625-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis268651-Furcy
 ..A..C..A.....T.....C.....T....C..A
 Efurcyensis-sp1_102891-Los_Arroyo
 ..A..C..A.....G..T.....C.....C.....T....C..A
 Efurcyensis-sp1_104140-Seguin
 ..A..C..A.....G..T.....C.....C.....T....C..A
 Efurcyensis-sp1_104141-Seguin
 ..A..C..A.....G..T.....C.....C.....T....C..A
 Efurcyensis-sp1_268604-Berry
 ..A..C..A.....G..T.....C.....C.....T....C..A
 Egrahami160730-Ca_Soleil
 ..A..C..A..C.....T.....C..T..C..G..T..T.....A
 Egrahami160731-Ca_Soleil
 ..A..C..A..C.....T.....C..T..C..G..T..T.....A
 Egrahami160732-Ca_Soleil
 ..A..C..A..C.....T.....C..T..C..G..T..T.....A
 Egrahami160733-Ca_Soleil
 ..A..C..A..C.....T.....C..T..C..G..T..T.....A
 Egrahami160807-Citadel_of_King_C
 ..A..C..A.....T.....C..T..C..A..T..T.....A
 Egrahami160808-Citadel_of_King_C
 ..A..C..A.....T.....C..T..C..A..T..T.....A
 Egrahami160809-La_Pierre
 ..A..C..A..C.....T.....C..T..C..G..T..T.....A
 Egrahami194590-Bombardopolis
 ..A..C..A.....T.....C..T..C..A..T..T.....A

Eheminotal60460-Furcy
 ..A..C..G.....T..G..G.....T..C..C.....C..A
 Eheminotal60465-Furcy
 ..A..C..G.....T..G..G.....T..C..C.....C..A
 Eheminotal60466-Furcy
 ..A..C..G.....T..G..G.....T..C..C.....C..A
 Einoptatus101237-Cabral
 G.AG.C..A..C.....G.....A..T.....A.....T.....TT.....
 Einoptatus101238-Cabral
 G.AG.C..A..C.....G.....A..T.....A.....T.....TT.....
 Einoptatus103704-Castillion
 G.AG.C..G..C.....G.....A..T.....A.....T.....TT.....
 Einoptatus-spl_160375-El_Valle
 G.AG.C..G.....G.....G..T.....C..A..T.....T..T.....
 Einoptatus192000-Anse_DHainault
 G.AG.CT.A..C.....G.....A..T.....A.....T.....TT.....
 Einoptatus192607-Cabral
 G.AG.C..A..C.....G.....A..T.....A.....T.....TT.....
 Einoptatus-spl_193094-Batez_Pied
 G.AG.C..G.....G.....G..T.....C..A..T.....T..T.....
 Einoptatus194350-Apolinar_Pelodr
 G.AG.C..A..C.....G.....A..T.....A.....T.....TT.....
 Einoptatus194351-Apolinar_Pelodr
 G.AG.C..A..C.....G.....A..T.....A.....T.....TT.....
 Einoptatus-spl_194583-Bombardopo
 G.AG.C..G.....G.....G..T.....C..A..T.....T.....
 Einoptatus-spl_194584-Bombardopo
 G.AG.C..G.....G.....G..T.....C..A..T.....T.....
 Einoptatus-spl_194624-Bombardopo
 G.AG.C..G.....G.....G..T.....C..A..T.....T.....
 Einoptatus267595-Alcoa_Road
 G.AG.C..A..C.....G.....A..T.....A.....TT.....
 Einoptatus-spl_267765-Los_Limone
 G.AG.C..G.....G.....G..T.....C..A..T.....T..T.....
 Einoptatus-spl_267788-Naranjo_Ar
 G.AG.C..G.....G.....G..T.....C..A..T.....T..T.....
 Einoptatus268569-Berry
 G.AG.C..A..C.....G.....A..T.....A.....TT.....
 Einoptatus268680-Bonga
 G.AG.C..A..C.....G.....A..T.....A.....T.....TT.....
 Einoptatus268689-Furcy
 G.AG.C..A..C.....G.....A..T.....A.....T.....TT.....
 Ejugans160562-Furcy
 ..A.GCT.A.....G..G..T..G..G..G.....AA.C..T.....T....A
 Eleonci102893-El_Aguacate
 ..A.....A.....T.....T..C..A.....C..A
 Eleonci192544-Puerto_Escondido
 ..A.....A.....T.....T..C..A.....C..A
 Eleonci266703-Los_Arroyos
 ..A.....A.....T.....T..C..A.....C..A
 Eleonci267599-Casetta_Dos
 ..A.....A.....T.....T..C..A.....C..A
 Enortoni103744-Castillion
 .TAG....A.....GG.....G..T.....T.....
 Enortoni160538-Furcy
 .TAG....A.....GG.....T..G..T.....T.....
 Enortoni160634-Plaine_Formon
 .TAG....A.....GG.....G..T.....T.....
 Enotidodes102862-Los_Pinos
 ..T..C.....T.....A..C..T.....T.....TT.....

Enotidodes102890-Los_Pinos
 ..T..C.....T.....A..C..T.....T.....TT.....
 Enotidodes266303-Calimete
 ..T..C.....T.....A..C..T.....T.....TT.....
 Enotidodes266304-Calimete
 ..T..C.....T.....A..C..T.....T.....TT.....
 Enotidodes266305-Calimete
 ..T..C.....T.....A..C..T.....T.....TT.....
 Enotidodes266306-Calimete
 ..T..C.....T.....A..C..T.....T.....TT.....T.
 Exoxyrhynchus103684-Castillion
 ..A..C..A.....T.....T..A.....T.....A
 Exoxyrhynchus103685-Castillion
 ..A..C..A.....T.....T..A.....T.....A
 Exoxyrhynchus103751-Castillion
 ..A..C..A.....T.....T..A.....T.....A
 Exoxyrhynchus103752-Castillion
 ..A..C..A.....T.....T..A.....T.....A
 Exoxyrhynchus103753-Castillion
 ..A..C..A.....T.....T..A.....T.....A
 Exoxyrhynchus103977-Marche_Leon
 ..A..C..A.....T.....T..A.....T.....A
 Exoxyrhynchus104114-Seguin
 ..A..C..A.....T.....T..A.....T.....T.....A
 Exoxyrhynchus104115-Seguin
 ..A..C..A.....T.....T..A.....T.....T.....A
 Exoxyrhynchus104116-Seguin
 ..A..C..A.....T.....T..A.....T.....T.....A
 Exoxyrhynchus104117-Seguin
 ..A..C..A.....T.....T..A.....T.....T.....A
 Exoxyrhynchus104118-Seguin
 ..A..C..A.....T.....T..A.....T.....T.....A
 Exoxyrhynchus191943-Dame-Marie
 ..A..C..A.....T.....T..A.....T.....A
 Exoxyrhynchus191944-Dame-Marie
 ..A..C..A.....T.....T..A.....T.....A
 Epictissimus102623-Los_Patos
 ..A..C..A.....T.....C..T..C..AA.T..T.....A
 Epictissimus103608-Camp_Perrin
 ..A..C..A.....T.....A..C..T..C..AA.T..T.....A
 Epictissimus191739-Ducis
 ..A..C..A.....T.....A..C..T..C..A?.T..T.....A
 Epictissimus191780-Pestel
 ..A..C..A.....T.....A..C..T..C..A..T..T.....A
 Epictissimus191781-Pestel
 ..A..C..A.....T.....A..C..T..C..AA.T..T.....A
 Epictissimus191782-Pestel
 ..A..C..A.....T.....A..C..T..C..AA.T..T.....A
 Epictissimus191783-Pestel
 ..A..C..A.....T.....A..C..T..C..A..T..T.....A
 Epictissimus191896-Pestel
 ..A..C..A.....T.....A..C..T..C..AA.T..T.....A
 Epictissimus191900-Pestel
 ..A..C..A.....T.....A..C..T..C..AA.T..T.....A
 Epictissimus191901-Pestel
 ..A..C..A.....T.....A..C..T..C..AA.T..?.....A
 Epictissimus192326-Baraderes
 ..A..C..A.....T.....A..C....C..A..T..T.....A
 Epictissimus-sp2_191972-Dame-Mar
 ..A..C..A.....T.....T..C....C..G..T..T.....A

Eruififemoralis160226-Tejunde
 ..A..C..A.....G..T..G.....C.....GT.....A..G..C..A
 Esommeri161590-Rio_LimpioA..C-----

 Esommeri161591-Rio_Limpio
 ..A..C..A.....G..C.....T.....A.....C..A
 Esommeri161592-Rio_Limpio
 ..A..C..A.....G..C.....T.....A.....C..A
 Esommeri161593-Rio_Limpio
 ..A..C..A.....G..C.....T.....A.....C..A
 Ewetmorei103844-Port_Salut
 ..A..C..A.....G..G..C.....T.....A.....C..A
 Ewetmorei103845-Port_Salut
 ..A..C..A.....G..G..C.....T.....A.....C..A

 Eabbotti101101-Sabana_de_la_Mar
 TTCTTCACATCCACTTTATTCTCCCTTTATTATCGTTGCAATAACTGCTCTCCACCTA
 Eabbotti101117-Jayaco

 Ealcoae102626-Los_Patos
T.....C..C.....G.G....C...A.T..T..C
 Ealcoae102627-Los_Patos
T.....C..C.....G.G....C...A.T..T..C
 Ealcoae194724-Isla_Beata
T.....C..C..C.....G.G....C...A.T..T..C
 Ealcoae194725-Isla_Beata
T.....C..C.....G.G....C...A.T..T..C
 Ealcoae194726-Isla_Beata
T.....C..C.....G.G....C...A.T..T..C
 Ealcoae194727-Isla_Beata
T.....C..C.....G.G....C...A.T..T..C
 Ealcoae194728-Isla_Beata
T.....C..C..C.....G.G....C...A.T..T..C
 Ealcoae194867-Bucan_Detwi
T.....C..C.....G.G....C...A.T..T..C
 Ealcoae194868-Bucan_Detwi
T.....C..C.....G.G....C...A.T..T..T
 Ealcoae194869-Bucan_Detwi
T.....C..C.....G.G....C...A.T..T..C
 Ealcoae194871-Bucan_Detwi
T.....C..C.....G.G....C...A.T..T..C
 Ealcoae194876-Cabo_Beata
G..T.....C..C.....G.G....C...A.T..T..C
 Ealcoae194877-Cabo_Beata
G..T.....C..C.....G.G....C...A.T..T..C
 Ealcoae194878-Cabo_Beata
G..T.....?..C.....G.G....C...A.T..T..C
 Earmstrongi101265-Paraiso
 ..T.....C..C.....G.....A.G.G.GC.....CA.G.....T
 Earmstrongi102418-Cabral
 ..T.....C..C.....G.....A.G.G.GC.....CA.G.....T
 Earmstrongi102419-Cabral
 ..T.....C..C.....G.....A.G.G.GC.....CA.G.....T
 Earmstrongi102420-Cabral
 ..T.....C..C.....G.....A.G.G.GC.....CA.G.....T
 Earmstrongi102424-Cabral
 ..T.....C..C.....G.....A.G.G.GC.....CA.G.....T
 Earmstrongi102425-Cabral
 ..T.....C..C.....G.....A.G.G.GC.....CA.G.....T
 Earmstrongi160263-Tejunde
 ..T.....C..C.....G.....A.G.G.GC.....CA.G.....T

Earmstrongi160264-Tejunde
 ..T.....C..C.....G....A.G.G.GC.....CA.G.....T
 Earmstrongi160265-Tejunde
 ..T.....C..C.....G....A.G.G.GC.....CA.G.....T
 Earmstrongi160266-Tejunde
 ..T.....C..C.....G....A.G.G.GC.....CA.G.....T
 Earmstrongi160267-Tejunde
 ..T.....C..C.....G....A.G.G.GC.....CA.G.....T
 Earmstrongi160558-Furcy
 ..T.....C..C.....G....A.G.GC.....CA.G.....T
 Earmstrongi160559-Furcy
 ..T.....C..C.....G....A.G.GC.....CA.G.....T
 Earmstrongi160560-Furcy
 ..T.....C..C.....G....A.G.GC.....CA.G.....T
 Eaudanti-sp3_102614-Cabral
 ..T..T.....T.A.....TA...C....G..C..T.....T
 Eaudanti-spl_102798-El_Aguacate
 ..T..T.....T.....A.....T....C.....C..T.....T
 Eaudanti-spl_102799-El_Aguacate
 ..T..T.....T.....A.....T....C.....C..T.....T
 Eaudanti-spl_102800-El_Aguacate
 ..T..T.....T.....A.....T....C.....C..T.....T
 Eaudanti-sp2_104035-Marche_Leon
 ..T..T.....T.....A....C...G.T....C.....T.....T
 Eaudanti104299-Seguin
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti104300-Seguin
 ..T..T?....T.....T.A.....T....T.....C..T.....T
 Eaudanti104301-Marche_Leon
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti104370-Gros_Cheval
 ..T..T.....T.....T.A.....TA...C.....C..T.....T
 Eaudanti104372-Gros_Cheval
 ..T..T.....T.....T.A.....TA...C.....C..T.....T
 Eaudanti160543-Furcy
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti160544-Furcy
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti160545-Furcy
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti160546-Furcy
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti160547-Furcy
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti-sp4_160702-Les_Platons
 ..T..T.....T.....CT.G.....G.C..T....T.....AT...T..T..T
 Eaudanti266302-Calimete
 ..T..T.....A....C.....C..T.....C..T.....C
 Eaudanti-sp5_268612-Furcy
TT.....C.....T.....T.....T.....
 Eaudanti268684-Morne_la_visite
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti268685-Morne_la_visite
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti268686-Morne_la_visite
 ..T..T.....T.....T.A.....T....T.....C..T.....T
 Eaudanti268687-Morne_la_visite
 ..T..T.....T.....T.A.....TA...T....T.....C..T.....T
 Eaudanti268688-Morne_la_visite
 ..T..T.....T.....T.A.....T....T.....C..T.....T

Eaudanti-spl_102797-El_Aguacate
 ..T..T.....A.....T....C.....C..T....T
 Ebrevirostris160605-Formon_Ridge
 ..T..T....T....C..C.....G..C..CC.AA...G.G....C..AA....T..T
 Ebrevirostris160607-Formon_Ridge
 ..T..T....T....C..C.....G..C..CC.AA...G.G....C..AA....T..T
 Ebrevirostris160608-Formon_Ridge
 ..T..T....T....C..C.....G..C..CC.AA...G.G....C..AA....T..T
 Eceraemerus160279-Los_Arroyos
 ..T..T.....T.....C..C..C..TACC.....C..A..T.....T
 Eceraemerus160308-Los_Arroyos
 ..T..T.....T.....C..C..C..TACC.....C..A..T.....T
 Edarlingtoni104190-Seguin
 ..T.....C..C..T..C..CG.C...ACA.G.GC.....CA.A..T...
 Edarlingtoni104192-Seguin
 ..T.....C..C..T..C..C..ACG.GGGC.....CA.A..T...
 Edarlingtoni104193-Seguin
 ..T.....C..C..T..C..C..C..ACG.GGGC.....CA.A..T...
 Edarlingtoni104386-Gros_Cheval
 ..T.....C..C..T..C..CG.Y...ACA.G.GC.....CA.A..T...
 Ediplasius103763-Castillion
 ..T..T.....T.....C.....TA.....C..A..T.....T
 Efurcyensis160533-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis160525-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis160526-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis160535-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis160536-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis160537-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis160561-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis268623-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis268624-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis268625-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis268651-Furcy
T.....C..C..A.....CC.AA.....G.....AA.T.....C
 Efurcyensis-spl_102891-Los_Arroy
 ..T.....T.....C..C..G.....CC.AA.....G.C.....CA.T..T..C
 Efurcyensis-spl_104140-Seguin
 ..T..T.....T....C..C..G.....CC.AA.....G.C.....CA.T..T..C
 Efurcyensis-spl_104141-Seguin
 ..T..T.....T....C..C..G.....CC.AA.....G.C.....CA.T..T..C
 Efurcyensis-spl_268604-Berry
 ..T..T.....T....C..C..G.....CC.AA.....G.C.....CA.T..T..C
 Egrahami160730-Ca_Soleil
 ..T..T.....C.....C....GC...T.CA.GTGCT...AT.A.T.....T
 Egrahami160731-Ca_Soleil
 ..T..T.....C.....C....GC...T.CA.GTGCT..CAT.A.T.....T
 Egrahami160732-Ca_Soleil
 ..T..T.....C.....C....GC...T.CA.GTGCT...AT.A.T.....T
 Egrahami160733-Ca_Soleil
 ..T..T.....C.....C....GC...T.CA.GTGCT...AT.A.T.....T

Egrahami160807-Citadel_of_King_C
 ..T..T.....C...GC...T.CA.GTGCT...AT.ACT.....T
 Egrahami160808-Citadel_of_King_C
 ..T..T.....C...GC...T.CA.GTG.C...AT.A.T.....T
 Egrahami160809-La_Pierre
 ..T..T.....C....C...GC...T.CA.GTGCT..CAT.A.T.....T
 Egrahami194590-Bombardopolis
 ..T..T.....C...GC...T.CA.GTGCT...AT.ACT.....T
 Eheminotal160460-Furcy
 ..T..T..C.....C..CT.A.....CC.AA...GGG....C..AA.T..T..T
 Eheminotal160465-Furcy
 ..T..T..C.....C..CT.A.....CC.AA...G.G....C..AA.T..T..T
 Eheminotal160466-Furcy
 ..T..T..C.....C..CT.A.....CC.AA...G.G....C..AA.T..T..T
 Einoptatus101237-Cabral
T.....T.....C..T.A..A...GCC..TA.G.GCC....A.T....A....T..
 Einoptatus101238-Cabral
T.....T.....C..T.A..A...GCC..TA.G.GCC....A.T....A....T..
 Einoptatus103704-Castillion
T.....C..T.A..A...GCC...A.G.GCC.G..A.T....A....T..
 Einoptatus-sp1_160375-El_Valle
T.....C.....G..A..C..C..TA.A.GCT....AAT....A.....
 Einoptatus192000-Anse_DHainault
T.....T.....C..T.A..A..CGCC...A.G.GCT....AAT....A....T..
 Einoptatus192607-Cabral
T.....T.....C..T.A..A...GCC..TA.G.GCC....A.T....A....T..
 Einoptatus-sp1_193094-Batez_Pied
T.....C.....A..G..C..C..TA.A.GCT....AAT....A.....
 Einoptatus194350-Apolinar_Pelodr
T.....T.....C..T.A..A...GCC...A.G.GCC....A.T....A....T..
 Einoptatus194351-Apolinar_Pelodr
T.....T.....C..T.A..A...GCC...A.G.GCC....A.T....A....T..
 Einoptatus-sp1_194583-Bombardopo
C.....G..G..C..C..TA.A.GCT....AAT....A.....
 Einoptatus-sp1_194584-Bombardopo
C.....G..G..C..C..TA.A.GCT....AAT....A.....
 Einoptatus-sp1_194624-Bombardopo
C.....G..G..C..C..TA.A.GCT....AAT....A.....
 Einoptatus267595-Alcoa_Road
T.....T.....C..T.A..A...GCC...A.G.GCC....A.T....A....T..
 Einoptatus-sp1_267765-Los_Limone
T.....C.....A..G..C..C..TA.A.GCT....AAT....A.....
 Einoptatus-sp1_267788-Naranjo_Ar
T.....C.....A..G..C..C..TA.A.GCT....AAT....A.....
 Einoptatus268569-Berry
T.....T.....C..T.A..A...GCC...A.G.GCC....A.T....A....T..
 Einoptatus268680-Bonga
T.....T.....C..T.A..A...GCC...A.G.GCC....A.T....A....T..
 Einoptatus268689-Furcy
T.....T.....C..T.A..A...GCC...A.G.GCC....A.T....A....T..
 Ejugans160562-Furcy
T.....C..CT.A.....CC.AA.C.G.G.T..C.TAA.T.....C
 Eleoncsei102893-El_Aguacate
 ..T.....C..C..T..C..C..C...ACG.G.GC.....CA.A..T...
 Eleoncsei192544-Puerto_Escondido
 ..T.....C..C..T..C..C..C...ACG.G.GC.....CA.A..T...
 Eleoncsei266703-Los_Arroyos
 ..T.....C..C..T..C..C..C...ACG.G.GC.....CA.A..T...
 Eleoncsei267599-Casetta_Dos
 ..T.....C..C..T..C..C..C...ACG.G.GC.....CA.A..T...

Enortoni103744-Castillion
T.....A..A..C....C.A.A.G.C.G..AATC..A..TT..
 Enortoni160538-Furcy
T.....A..A..C....C.A.A.GGC....AATC..A..TT..
 Enortoni160634-Plaine_Formon
T.....G..A..C....C.A.A.G.C....AATC..A..TT..
 Enotidodes102862-Los_Pinos
 ..T..T.....AA.....C.....C..T.....C..T.....C
 Enotidodes102890-Los_Pinos
 ..T..T.....A.....C.....C..T.....C..T.....C
 Enotidodes266303-Calimete
 ..T..T.....A.....C.....C..T.....C..T.....C
 Enotidodes266304-Calimete
 ..T..T.....A.....C.....C..T.....C..T.....C
 Enotidodes266305-Calimete
 ..T..T.....A.....C.....C..T.....C..T.....C
 Enotidodes266306-Calimete
 ..T..T.....A.....C.....C..T.....C..T.....C
 Eoxyrhynchus103684-Castillion
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....AA.T..T..C
 Eoxyrhynchus103685-Castillion
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....AA.T..T..C
 Eoxyrhynchus103751-Castillion
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....AA.T..T..C
 Eoxyrhynchus103752-Castillion
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....AA.T..T..C
 Eoxyrhynchus103753-Castillion
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....AA.T..T..C
 Eoxyrhynchus103977-Marche_Leon
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....AA.T..T..C
 Eoxyrhynchus104114-Seguin
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....TAA.T.....C
 Eoxyrhynchus104115-Seguin
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....TAA.T.....C
 Eoxyrhynchus104116-Seguin
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....TAA.T.....C
 Eoxyrhynchus104117-Seguin
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....TAA.T.....C
 Eoxyrhynchus104118-Seguin
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....TAA.T.....C
 Eoxyrhynchus191943-Dame-Marie
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....AA.T..T..C
 Eoxyrhynchus191944-Dame-Marie
 ..T.....C..T.....C..CT.G.....G..C.AA...G.G.....AA.T..T..C
 Epictissimus102623-Los_Patos
 ...T.....C.....GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus103608-Camp_Perrin
 ...T.....C.....GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus191739-Ducis
 ...T.....C.....GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus191780-Pestel
 ...T.....C.....GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus191781-Pestel
 ...T.....C.....GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus191782-Pestel
 ...T.....C.....GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus191783-Pestel
 ...T.....C.....GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus191896-Pestel
 ...T.....C.....GC...T.CA.GTGCC...AT.A.T.....T

Epictissimus191900-Pestel
 ..T..T.....T....C...GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus191901-Pestel
 ..T..T.....T....C...GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus192326-Baraderes
 ..T..T.....T....C...GC...T.CA.GTGCC...AT.A.T.....T
 Epictissimus-sp2_191972-Dame-Mar
 ..T..T.....C...GC...T.CA.GT.CC...AT.A.T.....T
 Eruififemoralis160226-Tejunde
 ..T.....G..T.....C.....A..A..G..C.GA.....CA.T.....C
 Esommeril161590-Rio_Limpio

 Esommeril161591-Rio_Limpio
 ..T...T.....T.....C..C..C..TACC.....C..A..T.....T
 Esommeril161592-Rio_Limpio
 ..T...T.....T.....C..C..C..TACC.....C..A..T.....T
 Esommeril161593-Rio_Limpio
 ..T...T.....T.....C..C..C..TACC.....C..A..T.....T
 Ewetmorei103844-Port_Salut
 ..T...T.....CT....C..C..C..A.....C..A..T.....T
 Ewetmorei103845-Port_Salut
 ..T...T.....T.....CT....C..C..C..A.....C..A..T.....T

 Eabbotti101101-Sabana_de_la_Mar
 ATTTTTCTTCATGAAACTGGATCCTCCAACCCCCACAGGCTTAAACTCCAACCTAGATAAA
 Eabbotti101117-Jayaco

 Ealcoae102626-Los_Patos
 C.A..C.....C..G..A.....A..A.....A.....C.....T.....G..C...
 Ealcoae102627-Los_Patos
 C.A..C.....C..G..A.....A..A.....A.....C.....T.....G..C...
 Ealcoae194724-Isla_Beata
 C.A..C.....C..G..A.....A..A.....A.....TC.....T.....G..C...
 Ealcoae194725-Isla_Beata
 C.A..C.....C..G..A.....A..A.....A.....TC.....T.....G..C...
 Ealcoae194726-Isla_Beata
 C.A..C.....C..G..A.....A..A.....A.....TC.....T.....G..C...
 Ealcoae194727-Isla_Beata
 C.A..C.....C..G..A.....A..A.....A.....TC.....T.....G..C...
 Ealcoae194728-Isla_Beata
 C.A..C.....C..G..A.....A..A.....A.....TC.....T.....G..C...
 Ealcoae194867-Bucan_Detwi
 C.A..C.....C..G..A.....A..A.....A.....C.....T.....G..C...
 Ealcoae194868-Bucan_Detwi
 C.A..C.....C..G..A.....A..A.....A.....TC.....T.....G..C...
 Ealcoae194869-Bucan_Detwi
 C.A..C.....C..G..A.....A..A.....A.....C.....T.....G..C...
 Ealcoae194871-Bucan_Detwi
 C.A..C.....C..G..A.....A..A.....A.....C.....T.....G..C...
 Ealcoae194876-Cabo_Beata
 C.A..C.....C..G..A.....A..A.....A.....TC.....T.....G..C...
 Ealcoae194877-Cabo_Beata
 C.A..C.....C..G..A.....A..A.....A.....TC.....T.....G..C...
 Ealcoae194878-Cabo_Beata
 C.A..C.....C..G..A.....A..A.....A.....TC.....T.....G..C...
 Earmstrongi101265-Paraiso
 C.C..C..C.....A.....A..A..T..T.....T.....A.....C...
 Earmstrongi102418-Cabral
 C.C..C..C.....A.....A..A..T..T.....T.....A.....C...
 Earmstrongi102419-Cabral
 C.C..C..C.....A.....A..A..T..T.....T.....A.....C...

Earmstrongi102420-Cabral
 C.C..C..C..C.....A.....A..A..T..T.....T.....A.....C...
 Earmstrongi102424-Cabral
 C.C..C..C..C.....A.....A..A..T..T.....T.....A.....C...
 Earmstrongi102425-Cabral
 C.C..C..C..C.....A.....A..A..T..T.....T.....A.....?..C...
 Earmstrongi160263-Tejunde
 C.C..C..C..C.....A.....A..A..T..T.....T.....A.....C...
 Earmstrongi160264-Tejunde
 C.C..C..C..C.....A.....A..A..T..T.....T.....A.....C...
 Earmstrongi160265-Tejunde
 C.C..C..C..C.....A.....A..A..T..T.....T.....A.....C...
 Earmstrongi160266-Tejunde
 C.C..C..C..C.....A.....A..A..T..T.....T.....A.....C...
 Earmstrongi160267-Tejunde
 C.C..C..C..C.....A.....A..A..T..T.....T.....A.....C...
 Earmstrongi160558-Furcy
 C.C..C..C..C.....A.....A..A.....T.....T.....A.....C...
 Earmstrongi160559-Furcy
 C.C..C..C..C.....A.....A..A.....T.....T.....A.....C...
 Earmstrongi160560-Furcy
 C.C..C..C..C.....A.....A..A.....T.....T.....A.....C...
 Eaudanti-sp3_102614-Cabral
 C.C..C..C..C.....A.....T.....T.....AC.....T..T.T..C...
 Eaudanti-sp1_102798-El_Aguacate
 C.....C..C.....A.....T.....A.T....GC....T..A....T....C...
 Eaudanti-sp1_102799-El_Aguacate
 C.....C..C.....A.....T.....A.T....GC....T..A....T....C...
 Eaudanti-sp1_102800-El_Aguacate
 C.....C..C.....A.....T.....A.T....GC....T..A....T....C...
 Eaudanti-sp2_104035-Marche_Leon
 C.C..C..C..C.....A.....A..T..A.....AC.....T....C...
 Eaudanti104299-Seguin
 C.....C..C.....G.....T.....A.....AC.....T.....T....C...
 Eaudanti104300-Seguin
 C.....C..C.....G.....T.....A.....AC.....T.....T....C...
 Eaudanti104301-Marche_Leon
 C.....C..C.....G.....T.....A.....AC.....T.....T....C...
 Eaudanti104370-Gros_Cheval
 C.....C..C.....A.....T.....A.....GC.....T....C...
 Eaudanti104372-Gros_Cheval
 C.....C..C.....A.....T.....A.....GC.....T....C...
 Eaudanti160543-Furcy
 C.....C..C.....A.....T.....A.....AC.....T.....T....C...
 Eaudanti160544-Furcy
 C.....C..C.....A.....T.....A.....AC.....T.....T....C...
 Eaudanti160545-Furcy
 C.....C..C.....A.....T.....A.....AC.....T.....T....C...
 Eaudanti160546-Furcy
 C.....C..C.....A.....T.....A.....AC.....T.....T....C...
 Eaudanti160547-Furcy
 C.....C..C.....A.....T.....A.....AC.....T.....T....C...
 Eaudanti-sp4_160702-Les_Platons
 C.....C.....A.....T.....TG..TC.....T.....T.....
 Eaudanti266302-Calimete
 C.A.....C.....A..G.....T.....TG....A.....TT.....
 Eaudanti-sp5_268612-Furcy
C..C.....T.....C...
 Eaudanti268684-Morne_la_visite
 C.....C..C.....G.....T.....A.....AC.....T.....T.G..C...

Eaudanti268685-Morne_la_visite
 C.....C..C.....G.....T.....A.....AC....T.....T.G..C...
 Eaudanti268686-Morne_la_visite
 C.....C..C.....G.....T.....A.....AC....T.....T....C...
 Eaudanti268687-Morne_la_visite
 C.....C..C.....G.....T.....A.....AC....T.....T.G..C...
 Eaudanti268688-Morne_la_visite
 C.....C..C.....G.....T.....A.....AC....T.....T.G..C...
 Eaudanti-spl_102797-El_Aguacate
 C.....C..C.....A.....T.....A.T....GC....T..A....T....C...
 Ebrevirostris160605-Formon_Ridge
 C.....C.....C.....A..A.....A.....T..T..TT....C...
 Ebrevirostris160607-Formon_Ridge
 C.....C.....C.....A..A.....A.....T..T..TT....C...
 Ebrevirostris160608-Formon_Ridge
 C.....C.....C.....A..A.....A.....T..T..TT....C...
 Eceraemerus160279-Los_Arroyos
 C....C.....G.....T..A.....A.....AC.G.....T.....C...
 Eceraemerus160308-Los_Arroyos
 C....C.....G.....T..A.....A.....AC.G.....T.....C...
 Edarlingtoni104190-Seguin
 C.C..C.....C.....C.....A..A.....A.....AC.....C.T..TT.T.....G
 Edarlingtoni104192-Seguin
 C.C..C.....C.....C.....A..A.....A.....AC.....C.T..TT.T.....G
 Edarlingtoni104193-Seguin
 C.C..C.....C.....C.....A..A.....A.....AC.....C.T..TT.T.....G
 Edarlingtoni104386-Gros_Cheval C.C..C.....Y.....C.....A..A..Y..A.....AC....AC....-
 ?.T.....G
 Ediplasius103763-Castillion
 C.....T..A.....A..C..GC.....A.....C...
 Efurcyensis160533-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis160525-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis160526-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis160535-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis160536-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis160537-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis160561-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis268623-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis268624-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis268625-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis268651-Furcy
 C.A.....A..A.....A.....C.....T.C..C...
 Efurcyensis-spl_102891-Los_Arroy
 C.A.....A..A..T..A.....C.....T.C..C...
 Efurcyensis-spl_104140-Seguin
 C.A.....A..A..T..A.....C.....T.C.....
 Efurcyensis-spl_104141-Seguin
 C.A.....A..A..T..A.....C.....T.C.....
 Efurcyensis-spl_268604-Berry
 C.A.....A..A..T..A.....C.....T.C.....

Egrahami160730-Ca_Soleil
C.....C....C..G..A.....T..A.....AA.....A.....C..C...
Egrahami160731-Ca_Soleil
C.....C....C..G..A.....T..A.....AA.....A.....C..C...
Egrahami160732-Ca_Soleil
C.....C....C..G..A.....T..A.....AA.....A.....C..C...
Egrahami160733-Ca_Soleil
C.....C....C..G..A.....T..A.....AA.....A.....C..C...
Egrahami160807-Citadel_of_King_C
C.....C....C..G..A.....T..A.....AA.....A.....C..C...
Egrahami160808-Citadel_of_King_C
C.....C.C...?C..G..A.....A.....AA.....A.....C..C...
Egrahami160809-La_Pierre
C.....C....C..G..A.....T..A.....AA.....A.....C..C...
Egrahami194590-Bombardopolis
C.....C....C..G..A.....T..A.....AA.....A.....C..C...
Eheminotal60460-Furcy
C.A.....C.....A..A.....AG.....C.G.....T..C..G
Eheminotal60465-Furcy
C.A.....C.....A..A.....AG.....C.G.G.....T..C...
Eheminotal60466-Furcy
C.A.....C.....A..A.....AG.....C.G.G.....T..C...
Einoptatus101237-Cabral
G.C..C.....C.....G.....T..A.....AC.....T.....T..C...
Einoptatus101238-Cabral
G.C..C.....C.....G.....T..A.....AC.....T.....T..C...
Einoptatus103704-Castillion
G.C..C.....C.....G.....T..A.....AC.....T.....T..C...
Einoptatus-spl_160375-El_Valle
..A..C.....C.....G.....A.....T..T..T..C...
Einoptatus192000-Anse_DHainault
G.C..C.....C.....A.....T..A..G..AC.....T.....T..C...
Einoptatus192607-Cabral
G.C..C.....C.....G.....T..A.....AC.....T.....T..C...
Einoptatus-spl_193094-Batez_Pied
..A..C.....C.....G.....A.....T..T..T..C...
Einoptatus194350-Apolinar_Pelodr
G.A..C.....C.....G.....T..A.....AC.....T.....T..C...
Einoptatus194351-Apolinar_Pelodr
G.A..C.....C.....G.....T..A.....AC.....T.....T..C...
Einoptatus-spl_194583-Bombardopo
..A..C.....C.....A.....A.....T..T..T..C...
Einoptatus-spl_194584-Bombardopo
..A..C.....C.....A.....A.....T..T..T..C...
Einoptatus-spl_194624-Bombardopo
..A..C.....C.....A.....A.....T..T..T..C...
Einoptatus267595-Alcoa_Road
G.C..C.....C.....G.....T..A.....AC.....T.....T..C...
Einoptatus-spl_267765-Los_Limone
..A..C.....C.....G.....A.....T..T..T..C...
Einoptatus-spl_267788-Naranjo_Ar
..A..C.....C.....A.....A.....T..T..T..C...
Einoptatus268569-Berry
G.C..C.....C.....G.....T..A.....AC.....T.....T..C...
Einoptatus268680-Bonga
G.C..C.....C.....G.....T..A.....AC.....T.....T..C...
Einoptatus268689-Furcy
G.A..C.....C.....G.....T..A.....AC.....T.....T..C...
Ejugans160562-Furcy
C.....C.....A..A..T..A.....T..TT.T.....

Eleoncsei102893-El_Aguacate
 C....C.....C.....C.....G..A.....A.....AC...G.C.T..T..T.....
 Eleoncsei192544-Puerto_Escondido
 C....C.....C.....C.....G..A.....A.....AC...G.C.T..T..T.....
 Eleoncsei266703-Los_Arroyos
 C....C.....C.....C.....G..A.....A.....AC...G.C.T..T..T.....
 Eleoncsei267599-Casetta_Dos
 C....C.....C.....C.....G..A.....A.....AC...G.C.T..T..T.....
 Enortoni103744-Castillion
 C.G.....C.....T..A.....AC.....C...
 Enortoni160538-Furcy
 C.G.....C.....T..A.....GC.....C...
 Enortoni160634-Plaine_Formon
 C.G.....C.....T..A.....AC.....C...
 Enotidodes102862-Los_Pinos
 C.A.....C....A..G.....T....TG....A.....TT.....
 Enotidodes102890-Los_Pinos
 C.A.....C....A..G.....T....TG....A.....TT.....
 Enotidodes266303-Calimete
 C.A.....C....A..G.....T....TG....A.....TT.....
 Enotidodes266304-Calimete
 C.A.....C....A..G.....T....TG....A.....TT.....
 Enotidodes266305-Calimete
 C.A.....C....A..G.....T....TG....A.....TT.....
 Enotidodes266306-Calimete
 C.A.....C....A..G.....T....TG....A.....TT.....
 Exoxyrhynchus103684-Castillion
 C.C..C.....C.....G..A..A.....A..T...C..G....T..T..T..C...
 Exoxyrhynchus103685-Castillion
 C.C..C.....C.....G..A..A.....A..T...C..G....T..T..T..C...
 Exoxyrhynchus103751-Castillion
 C.C..C.....C.....G..A..A.....A..T...C..G....T..T..T..C...
 Exoxyrhynchus103752-Castillion
 C.C..C.....C.....G..A..A.....A..T...C..G....T..T..T..C...
 Exoxyrhynchus103753-Castillion
 C.C..C.....C.....G..A..A.....A..T...C..?....T..T..T..C...
 Exoxyrhynchus103977-Marche_Leon
 C.C..C.....C.....G..A..A.....A..T...C..G....T..T..T..C...
 Exoxyrhynchus104114-Seguin
 C.C..C.....C.....G..A..A.....A..C...C..G....T..T..T..C...
 Exoxyrhynchus104115-Seguin
 C.C..C.....C.....G..A..A.....A..C...C..G....T..T..T..C...
 Exoxyrhynchus104116-Seguin
 C.C..C.....C.....G..A..A.....A..C...C..G....T..T..T..C...
 Exoxyrhynchus104117-Seguin
 C.C..C.....C.....G..A..A.....A..C...C..G....T..T..T..C...
 Exoxyrhynchus104118-Seguin
 C.C..C.....C.....G..A..A.....A..C...C..G....T..T..T..C...
 Exoxyrhynchus191943-Dame-Marie
 C.C..C.....C.....G..A..A.....A..T...C..G....T..T..T..C...
 Exoxyrhynchus191944-Dame-Marie
 C.C..C.....C.....G..A..A.....A..T...C..G....T..T..T..C...
 Epictissimus102623-Los_Patos
 C.....C.....C..G..A.....T..A.....AA.....A.....C..C...
 Epictissimus103608-Camp_Perrin
 C.....C.....G..A.....T..A.....AA.....A.....C..C...
 Epictissimus191739-Ducis
 C.....C.....G..A.....T..A.....AA.....G.....C..C...
 Epictissimus191780-Pestel
 C.....C.....G..A.....T..A.....AA.....A.....C..C...

Epictissimus191781-Pestel
 C.....C.....G..A.....T..A.....AA.....A.....C..C...
 Epictissimus191782-Pestel
 C.....C.....G..A.....T..A.....AA.....A.....C..C...
 Epictissimus191783-Pestel
 C.....C.....G..A.....T..A.....AA.....A.....C..C...
 Epictissimus191896-Pestel
 C.....C.....G..A.....T..A.....AA.....A.....C..C...
 Epictissimus191900-Pestel
 C.....C.....G..A.....T..A.....AA.....A.....C..C...
 Epictissimus191901-Pestel
 C.....C.....G..A.....T..A.....AA.....A.....C..C...
 Epictissimus192326-Baraderes
 C.....C.....G..A.....T..A.....AA.....A.....C..C...
 Epictissimus-sp2_191972-Dame-Mar
 C.....C.....G..A.....T..A.....AA.....A..T..C..C...
 Eruifemoralis160226-Tejunde
 C.C.C..C..C.....G..A..T.....A.....C..GG.....T.C..C...
 Esommeri161590-Rio_Limpio -----

 Esommeri161591-Rio_Limpio
 C....C.....T..A.....A.....AC.G.....T.....C...
 Esommeri161592-Rio_Limpio
 C....C.....T..A.....A.....AC.G.....T.....C...
 Esommeri161593-Rio_Limpio
 C....C.....T..A.....A.....AC.G.....T.....C...
 Ewetmorei103844-Port_Salut
 C....C.....C.....T..A.....A.....AC..G.....C...
 Ewetmorei103845-Port_Salut
 C....C.....C.....T..A.....A.....AC..G.....C...

 Eabbotti101101-Sabana_de_la_Mar
 ATTCAATTTCACACCTACTTCTCCTTAAAGATATTCTCGGTTCTTATTCTTCTAACT
 Eabbotti101117-Jayaco
T.....
 Ealcoae102626-Los_Patos
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae102627-Los_Patos
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194724-Isla_Beata
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194725-Isla_Beata
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194726-Isla_Beata
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194727-Isla_Beata
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194728-Isla_Beata
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194867-Bucan_Detwi
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194868-Bucan_Detwi
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194869-Bucan_Detwi
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194871-Bucan_Detwi
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194876-Cabo_Beata
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA
 Ealcoae194877-Cabo_Beata
C.....G.....A.....CT..AT..T..C..A.C..T.A..TCTA

Ealcoae194878-Cabo_Beata
C.....G.....A.....CT.AT.T..C...A.C....T.A..TCTA
 Earmstrongi101265-Paraiso
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi102418-Cabral
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi102419-Cabral
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi102420-Cabral
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi102424-Cabral
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi102425-Cabral
 G.C.....C.....??..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi160263-Tejunde
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi160264-Tejunde
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi160265-Tejunde
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi160266-Tejunde
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi160267-Tejunde
 G.C.....C.....G..T.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi160558-Furcy
 G.C.....C.....G.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi160559-Furcy
 G.C.....C.....G.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Earmstrongi160560-Furcy
 G.C.....C.....G.....AC.....CT.AT.T..C...ACC..C..A..CCTG
 Eaudanti-sp3_102614-Cabral
T.....T.AC.....C..T.G.....TA.....CT....T.
 Eaudanti-sp1_102798-El_Aguacate
TG.....AC.....A.....TA...CC..CT.G...
 Eaudanti-sp1_102799-El_Aguacate
TG.....AC.....A.....TA...CC..CT.G...
 Eaudanti-sp1_102800-El_Aguacate
TG.....AC.....A.....TA...CC..CT.G...
 Eaudanti-sp2_104035-Marche_Leon
C.....C..A..A..TG.?....CT...TC
 Eaudanti104299-Seguin
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti104300-Seguin
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti104301-Marche_Leon
 G.....T.....AC.....C....G..A.GTA.C.....CT.G..C
 Eaudanti104370-Gros_Cheval
 G.....T.....AC.....C....G..A..TA....C..CT.G.TC
 Eaudanti104372-Gros_Cheval
 G.....T.....AC.....C....G..A..TA....C..CT.G.TC
 Eaudanti160543-Furcy
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti160544-Furcy
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti160545-Furcy
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti160546-Furcy
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti160547-Furcy
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C

Eaudanti-sp4_160702-Les_Platons
G..C..T..T.....T.A.....T.G..A..A.....T...TC
 Eaudanti266302-Calimete
 G.....T....T.....AC.....GCC..A..A..TA....C..CT....C
 Eaudanti-sp5_268612-Furcy
 G.....AC.....C..G.....T....A
 Eaudanti268684-Morne_la_visite
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti268685-Morne_la_visite
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti268686-Morne_la_visite
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti268687-Morne_la_visite
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti268688-Morne_la_visite
 G.....T.....AC.....C....G..A..TA.C.....CT.G..C
 Eaudanti-spl_102797-El_Aguacate
TG.....AC.....A....TA...CC..CT.G...
 Ebrevirostris160605-Formon_Ridge
 G.A.....AC..G..C....T.T..C...GC.G.CA.AT.CT.A
 Ebrevirostris160607-Formon_Ridge
 G.A.....AC..G..C....T.T..C...GC.G.CA.AT.CT.A
 Ebrevirostris160608-Formon_Ridge
 G.A.....AC..G..C....T.T..C...GC.G.CA.AT.CT.A
 Eceraemerus160279-Los_Arroyos
 G.....T..TCA.....C..C.....A.GT...C.C....T.T..C
 Eceraemerus160308-Los_Arroyos
 G.....T..TCA.....C..C.....A.GT...C.C....T.T..C
 Edarlingtoni104190-Seguin
C..TC.G.....AC.....CT.AT.T..C...A.C..C..G..TCTA
 Edarlingtoni104192-Seguin
C..TC.G.....AC.....CT.AT.T..C...A.C..C..G..TCTA
 Edarlingtoni104193-Seguin
C..TC.G.....AC.....CT.AT.T..C...A.C..C..G..TCTA
 Edarlingtoni104386-Gros_Cheval
 ..?....?C?.TC.G?.....A??....CT.A???.?C?.???C..C..G..TCTA
 Ediplasius103763-Castillion
 G.....T.....T..ACA.....C.....A..TA..C....CT.T.T.
 Efurcyeensis160533-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis160525-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis160526-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis160535-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis160536-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis160537-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis160561-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis268623-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis268624-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis268625-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A
 Efurcyeensis268651-Furcy
 G.A.....C.....A.....C....T.T..T..TGCC..CA.AT.CT.A

Efurcyensis-spl_102891-Los_Arroy
 G.A.....C.....AC.....C...T.T..T..TGCG.CA.AT.CTTA
 Efurcyensis-spl_104140-Seguin
 G.A.....C.....AC.....C...T.T..T..TGCG.CA.AT.CTTA
 Efurcyensis-spl_104141-Seguin
 G.A.....C.....AC.....C...T.T..T..TGCG.CA.AT.CTTA
 Efurcyensis-spl_268604-Berry
 G.A.....C.....AC.....C...T.T..T..TGCC.CA.AT.CTTA
 Egrahami160730-Ca_Soleil
 ..A.....A....T..T.AC.....C.AT.T..C...GCC..CT.A..TTTA
 Egrahami160731-Ca_Soleil
 ..A.....A....T..T.AC.....C.AT.T..C...GCC..CT.A..TTTA
 Egrahami160732-Ca_Soleil
 ..A.....A....T..T.AC.....C.AT.T..C...GCC..CT.A..TTTA
 Egrahami160733-Ca_Soleil
 ..A.....A....T..T.AC.....C.AT.T..C...GCC..CT.A..TTTA
 Egrahami160807-Citadel_of_King_C
 ..A.....A....T..T.AC.....C.AT.T..C...GCC..CT.A..TTTA
 Egrahami160808-Citadel_of_King_C
 ..A.....A....T..T.AC.....C.AT.T..C...ACC..CT.A..TTTA
 Egrahami160809-La_Pierre
 ..A.....A....T..T.AC.....C.AT.T..C...GCC..CT.A..TTTA
 Egrahami194590-Bombardopolis
 ..A.....A....T..T.AC..G...C.AT.T..C...GCC..CT.A..TTTA
 Eheminotal60460-Furcy
 G.A.....C.....T.....AC.....C...T.T.....TGC.....AT.TT.A
 Eheminotal60465-Furcy
 G.A.....C.....T.....AC.....C...T.T.....TGC.....AT.TT.A
 Eheminotal60466-Furcy
 G.A.....C.....T.....AC.....C...T.T.....TGC.....AT.TT.A
 Einoptatus101237-Cabral
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....C
 Einoptatus101238-Cabral
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....C
 Einoptatus103704-Castillion G.C.CC..C...T.G.

 Einoptatus-spl_160375-El_Valle
 G.C.CG.....TTA.....CAC.....C..A..A..T.....C..GT.G..C
 Einoptatus192000-Anse_DHainault
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....C
 Einoptatus192607-Cabral
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....C
 Einoptatus-spl_193094-Batez_Pied
 G.C.CG.....TTA.....CAC.....C..A..A..T.....C..GT.G..C
 Einoptatus194350-Apolinar_Pelodr
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....C
 Einoptatus194351-Apolinar_Pelodr
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....C
 Einoptatus-spl_194583-Bombardopo
 G.C.CG.....TTA.....CA.....C..A..A..T.....C..GT.G..C
 Einoptatus-spl_194584-Bombardopo
 G.C.CG.....TTA.....CA.....C..A..A..T.....C..GT.G..C
 Einoptatus-spl_194624-Bombardopo
 G.C.CG.....TTA.....CA.....C..A..A..T.....C..GT.G..C
 Einoptatus267595-Alcoa_Road
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....C
 Einoptatus-spl_267765-Los_Limone
 G.C.CG.....TTA.....CAC.....C..A..A..T.....C..GT.G..C
 Einoptatus-spl_267788-Naranjo_Ar
 G.C.CG.....TTA.....CAC.....C..A..A..T.....C..GT.G..C

Einoptatus268569-Berry
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....
 Einoptatus268680-Bonga
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....C
 Einoptatus268689-Furcy
 G.C.CC..C...T.G.....T.AC.....C..A..C..T..CC.C..A.....C
 Ejugans160562-Furcy
 G.A..G..C..T.....A.....C..C.....C..GC.....AT.CT.C
 Eleonceti102893-El_Aguacate
C..TC.G.....AC.....CT.AT.T..C..A.C..C..A..TCTA
 Eleonceti192544-Puerto_Escondido
C..TC.G.....AC.....CT.AT.T..C..A.C..C..A..TCTA
 Eleonceti266703-Los_Arroyos
C..TC.G.....AC.....CT.AT.T..C..A.C..C..A..TCTA
 Eleonceti267599-Casetta_Dos
C..TC.G.....AC.....CT.AT.T..C..A.C..C..A..TCTA
 Enortoni103744-Castillion
 G.C.....TG.....A.....C..CA.A..C.....T.A.....
 Enortoni160538-Furcy
 G.C.....TG.....A.....C..CA.A..C.....T.A.....
 Enortoni160634-Plaine_Formon
 G.C.....TG.....A.....C..CA.A..C.....T.A.....
 Enotidodes102862-Los_Pinos
 G.....T.....T.....AC.....GCC..A..A..TA.....C..CT....C
 Enotidodes102890-Los_Pinos
 G.....T.....T.....AC.....GCC..A..A..TA.....C..CT....C
 Enotidodes266303-Calimete
 G.....T.....T.....AC.....GCC..A..A..TA.....C..CT....C
 Enotidodes266304-Calimete
 G.....T.....T.....AC.....GCC..A..A..TA.....C..CT....C
 Enotidodes266305-Calimete
 G.....T.....T.....AC.....GCC..A..A..TA.....C..CT....C
 Enotidodes266306-Calimete
 G.....T.....T.....AC.....GCC..A..A..TA.....C..CT....C
 Eoxyrhynchus103684-Castillion
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus103685-Castillion
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus103751-Castillion
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus103752-Castillion
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus103753-Castillion
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus103977-Marche_Leon
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus104114-Seguin
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus104115-Seguin
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus104116-Seguin
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus104117-Seguin
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus104118-Seguin
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus191943-Dame-Marie
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A
 Eoxyrhynchus191944-Dame-Marie
 ..G.....T..T..T..A.AC.....C..T.A..T..TGC.GC..A..CT.A

Epictissimus102623-Los_Patos
 ..A.....A....T..T.....C.AT.T..C...G.C..CT.A..TTA
 Epictissimus103608-Camp_Perrin
 ..A....C....A....T..T.A.....C.AT.T..C...GCC..CT.A..TTA
 Epictissimus191739-Ducis
 ..A....C....A....T..T.A.....C.AT.T..T...GCC..CT.A..TTA
 Epictissimus191780-Pestel
 ..A....C....A....T..T.A.....C.AT.T..C...GCC..CT.A..TTA
 Epictissimus191781-Pestel
 ..A....C....A....T..T.A.....C.AT.T..C...GCC..CT.A..TTA
 Epictissimus191782-Pestel
 ..A....C....A....T..T.A.....C.AT.T..C...GCC..CT.A..TTA
 Epictissimus191783-Pestel
 ..A....C....A....T..T.A.....C.AT.T..C...GCC..CT.A..TTA
 Epictissimus191896-Pestel
 ..A....C....A....T..T.A.....C.AT.T..C...GCC..CT.A..TTA
 Epictissimus191900-Pestel
 ..A....C....A....T..T.A.....C.AT.T..C...GCC..CT.A..TTA
 Epictissimus191901-Pestel
 ..A....C....A....T..T.A.....C.AT.T..C...GCC..CT.A..TTA
 Epictissimus192326-Baraderes
 ..A....C....A....T..T.A.....C.AT.T..C...GCC..CT.A..TTA
 Epictissimus-sp2_191972-Dame-Mar
 ..A....C....A....T..T.AC.....T.AT.T..C...GCC..CT.A..TTA
 Eruififemoralis160226-Tejunde
 G.A.....C.....T.AC.....C...T.T..T...GCC...A.AT.CTTA
 Esommeril61590-Rio_Limpio -----
 ...C.C...T.T..C
 Esommeril61591-Rio_Limpio
 G.....T..ACA.....C..C....A.GT...C.C...T.T..C
 Esommeril61592-Rio_Limpio
 G.....T..ACA.....C..C....A.GT...C.C...T.T..C
 Esommeril61593-Rio_Limpio
 G.....T..ACA.....C..C....A.GT...C.C...T.T..C
 Ewetmorei103844-Port_Salut
T..ACA.....C..C....A..TA..C.C...T.T.T.
 Ewetmorei103845-Port_Salut
T..ACA.....C..C....A..TA..C.C...T.T.T.

 Eabbotti101101-Sabana_de_la_Mar
 TCTATTCTACTAGTTCTATACTCTTCCCAACGTCCTCGGAGACCAATTTCACC
 Eabbotti101117-Jayaco
A.....C.....
 Ealcoae102626-Los_Patos
 A.CC.ATC.A.TA.....TC.T....C.....C..A..G.....T..C....TT
 Ealcoae102627-Los_Patos
 A.CC.ATC.A.TA.....TC.T....C.....C..A..G.....T..C....TT
 Ealcoae194724-Isla_Beata
 A.CC.ATC.A.TA.....TC.T....C.....C..A..G.....T..C....TT
 Ealcoae194725-Isla_Beata
 A.CC.ATC.A.TA.....TC.T....C.....C..A..G.....T..C....TT
 Ealcoae194726-Isla_Beata
 A.CC.ATC.A.TA.....TC.T....C.....AC..A..G.....T..C....TT
 Ealcoae194727-Isla_Beata
 A.CC.ATC.A.TA.C...TC.T....C.....C..A..G.....T..C....TT
 Ealcoae194728-Isla_Beata
 A.CC.ATC.A.TA.....TC.T....C.....C..A..G.....T..C....TT
 Ealcoae194867-Bucan_Detwi
 A.CC.ATC.A.TA.....TC.T....C.....C..A..G.....T..C....TT
 Ealcoae194868-Bucan_Detwi
 A.CC.ATC.A.TA.....TC.T....C..T..T.C..A.....T..C....TT

Ealcoae194869-Bucan_Detwi
A.CC.ATC.A.TA.....TC.T....C.....C...A..G.....T..C....TT
Ealcoae194871-Bucan_Detwi
A.CC.ATC.A.TA.....TC.T....C.....C...A..G.....T..C....TT
Ealcoae194876-Cabo_Beata A.CC.ATC-----

Ealcoae194877-Cabo_Beata
A.CC.ATC.A.TA.....TC.T....C.....C...A..G.....T..C....T.
Ealcoae194878-Cabo_Beata
A.CC.ATC.A.TA.....TC.T....C.....C...A..G.....T..C....T.
Earmstrongi101265-Paraiso
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T.....T.....C.T.
Earmstrongi102418-Cabral
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T.....T.....C.T.
Earmstrongi102419-Cabral
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T..G.....T.....C.T.
Earmstrongi102420-Cabral
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T.....T.....C.T.
Earmstrongi102424-Cabral
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T.....T.....C.T.
Earmstrongi102425-Cabral A?.T.ATCCA.CC....CT?..T..C.C..A?.T.C....T.....C.T.

Earmstrongi160263-Tejunde
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T.....T.....C.T.
Earmstrongi160264-Tejunde
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T.....T.....C.T.
Earmstrongi160265-Tejunde
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T.....T.....C.T.
Earmstrongi160266-Tejunde
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T.....T.....C.T.
Earmstrongi160267-Tejunde
A..T.ATCCA.CC....CTC.T..C.C..A..T.C....T.....T.....C.T.
Earmstrongi160558-Furcy
A.CT.ATCCACCC....CTC.T..C.C..A..T.C.....T.....T..C..C.T.
Earmstrongi160559-Furcy
A.CT.ATCCACCC....CTC.T..C.C..A..T.C.....T.....T..C..C.T.
Earmstrongi160560-Furcy
A.CT.ATCCACCC....CTC.T..C.C..A..T.C.....T.....T..C..C.T.
Eaudanti-sp3_102614-Cabral
CTC..CTC...TACC..A.C.T.T.....T.....C.T.AC....T..T.....C...
Eaudanti-sp1_102798-El_Aguacate
CTC..CTC.T.TACC..A.C.T.T.....T.....C.T.G.....T..T.....C.....T
Eaudanti-sp1_102799-El_Aguacate
CTC..CTC.T.TACC..A.C.T.T.....T.....C.T.G.....T..T.....C.....T
Eaudanti-sp1_102800-El_Aguacate
CTC..CTC.T.TACC..A.C.T.T.....T.....C.T.G.....T..T.....C.....T
Eaudanti-sp2_104035-Marche_Leon CTA...TC.T..ACC..A.CCT.T.....C.T.

Eaudanti104299-Seguin
CTC..CTC.T.TA.C..A.C.T.....T.....C.T.A.....T.....C.....T
Eaudanti104300-Seguin
CTC..CTC.T.TA.C..A.C.T.....T.....C.T.A.....T.....C.....TT
Eaudanti104301-Marche_Leon
CTC..CTC.T.TA.C..A.C.T.T.....T.....C.T.A.....T.....C.....T
Eaudanti104370-Gros_Cheval
CTC...TC.T.CACC..A.C.T.T.....T.....C.T.A.....T.....C.....T
Eaudanti104372-Gros_Cheval
CTC...TC.T.CACC..A.C.T.T.....T.....C.T.A.....T.....C.....T
Eaudanti160543-Furcy
CTC..CTC.T.TA.C..A.C.T.....T.....C.T.A.....T.....C.....T

Eaudanti160544-Furcy
 CTC..CTC.T.TA.C..A.C.T.....T....C.T.A.....T....C.....T
 Eaudanti160545-Furcy
 CTC..CTC.T.TA.C..A.C.T.....T....C.T.A.....T....C.....T
 Eaudanti160546-Furcy
 CTC..CTC.T.TA.C..A.C.T.....T....C.T.A.....T....C.....T
 Eaudanti160547-Furcy
 CTC..CTC.T.TA.C..A.C.T.....T....C.T.A.....T....C.....T
 Eaudanti-sp4_160702-Les_Platons
 CT.G..T..T.TA....A.C.T.T.....TT....TT.A..G..T..T.....C...
 Eaudanti266302-Calimete
 CT....TCG..TACC..A.C.T.T.....T.CAT.G..G..T..T.....C..C...
 Eaudanti-sp5_268612-Furcy
 G....CTC..TA.....T....A.T..G.....C..C...
 Eaudanti268684-Morne_la_visite
 CTC..CTC.T.TA.C..A.C.T.T.....T....C.T.A.....T....C.....T
 Eaudanti268685-Morne_la_visite
 CT....TC.T.TA.C..A.C.T.T.....T....C.T.A.....T....C.....T
 Eaudanti268686-Morne_la_visite
 CTC..CTC.T.TA.C..A.C.T.T.....T....C.T.A.....T....C.....T
 Eaudanti268687-Morne_la_visite
 CTC..CTC.T.TA.C..A.C.T.T.....T....C.T.A.....T....C.....T
 Eaudanti268688-Morne_la_visite
 CTC..CTC.T.TA.C..A.C.T.T.....T....C.T.A.....T....C.....T
 Eaudanti-sp1_102797-El_Aguacate
 CTC..CTC.T.TAC..A.C.T.T.....T....C.T.G.....T..T.....C.....T
 Ebrevirostris160605-Formon_Ridge
 G.AC..GCCA..C.CG.GTC.T.T.....T....TT.A.....T.....
 Ebrevirostris160607-Formon_Ridge
 G.AC..GCCA..C.CG.GTC.T.T.....T....TT.A.....T.....
 Eceraemerus160279-Los_Arroyos
 ..CC.ATCT...A....C.CCT.A..C..A..TA..T.A.....T..T.....T
 Eceraemerus160308-Los_Arroyos
 ..CC.ATCT...A....C.CCT.A..C..A..TA..T.A.....T..T.....T
 Edarlingtoni104190-Seguin
 A.CC.ATCTACCC....CTC.....C..A..T.CT.....G.....C..C.T.
 Edarlingtoni104192-Seguin
 A.CC.ATCTACCC....CTC.....C..A..T.CT.....C..C.T.
 Edarlingtoni104193-Seguin
 A.CC.ATCTACCC....CTC.....C..A..T.CT.....C..C.T.
 Edarlingtoni104386-Gros_Cheval A.CC.ATC?-----

 Ediplasius103763-Castillion
 .TCC.ATCT...A....C.CTT.A.C...A..TA.T..A..G.....T..T.....T.
 Efurcyensis160533-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis160525-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis160526-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis160535-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis160536-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis160537-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis160561-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...

Efurcyensis268623-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis268624-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis268625-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis268651-Furcy
 G.AT.AGCCA..C.CG.ATC.T.T..C..A..T..TT.A.....T.....C...
 Efurcyensis-spl_102891-Los_Arroy
 G.AT.AGCTA..C.CG.ATC.T.T..C..A..T..TT.G.....T.....C..C...
 Efurcyensis-spl_104140-Seguin
 G.AT.AGCTA..C.CG.ATC.T.T..C..A..T..TT.G.....T.....C..C...
 Efurcyensis-spl_104141-Seguin
 G.AT.AGCTA..C.CG.ATC.T.T..C..A..T..TT.G.....T.....C..C...
 Efurcyensis-spl_268604-Berry
 G.AT.AGCTA..C.CG.ATC.T.T..C..A..T..TT.G.....T.....C..C...
 Egraham160730-Ca_Soleil
 A.CC.ATCCACCAC..C.C.T.T.....T..TA.T..A..T..T.....C..C.TT
 Egraham160731-Ca_Soleil
 A.CC.ATCCACCAC..C.C.T.T.....T..TA.T..A..T..T.....C..C.TT
 Egraham160732-Ca_Soleil
 A.CC.ATCCACCAC..C.C.T.T.....T..TA.T..A..T..T.....C..C.TT
 Egraham160733-Ca_Soleil
 A.CC.ATCCACCAC..C.C.T.T.....T..TA.T..A..T..T.....C..C.TT
 Egraham160807-Citadel_of_King_C
 A.CC.ATCCACCAC..C.C.T.T.....T..TA.T..A..T..T.....C..C.TT
 Egraham160808-Citadel_of_King_C
 ATCT.ATCCACCAC..C.C.T.T.....T..TA.TT.G..C..T.....C..C..T
 Egraham160809-La_Pierre
 A.CC.ATCCACCAC..C.C.T.T.....T..TA.T..A..T..T.....C..C.TT
 Egraham194590-Bombardopolis
 A.CC.ATCCACCAC..C.C.T.T.....T..TA.T..A..T..T.....C..C.TT
 Eheminota160460-Furcy
 A.AC.CACTG..C.C..ATC.T....C..A..T..TT.A.....C..C...
 Eheminota160465-Furcy
 A.AC.CACTG..C....ATC.T....C..A..T..TT.A.....C..C.T.
 Eheminota160466-Furcy
 A.AC.CACTG..C....ATC.T....C..A..T..TT.A.....C..C.T.
 Einoptatus101237-Cabral
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....T.
 Einoptatus101238-Cabral
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....T.
 Einoptatus103704-Castillion

 Einoptatus-spl_160375-El_Valle
 ATCC..ACC..CA....A.C.T.T..C..T..A.....C.T.
 Einoptatus192000-Anse_DHainault
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....T.
 Einoptatus192607-Cabral
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....T.
 Einoptatus-spl_193094-Batez_Pied
 ATCC..ACC..CA....A.C.T.T..C..T..A.....C.T.
 Einoptatus194350-Apolinar_Pelodr
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....T.
 Einoptatus194351-Apolinar_Pelodr
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....T.
 Einoptatus-spl_194583-Bombardopo
 ATCC..ACC..CA....A.C.T.T..C..G..A.....C.T.
 Einoptatus-spl_194584-Bombardopo
 ATCC..ACC..CA....A.C.T.T..C..G..A.....C.T.

Einoptatus-sp1_194624-Bombardopo
 ATCC..ACC..CA....A.C.T.T..C..G...A.....C.T.
 Einoptatus267595-Alcoa_Road
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....T.
 Einoptatus-sp1_267765-Los_Limone
 ATCC..ACC..CA....A.C.T.T..C..T...A.....C.T.
 Einoptatus-sp1_267788-Naranjo_Ar
 ATCC..ACC..CA....A.C.T.T..C..T...A.....C.T.
 Einoptatus268569-Berry
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....T.
 Einoptatus268680-Bonga
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....C.T.
 Einoptatus268689-Furcy
 CT.C..GCC..CA.C..A.C.T.T..C..A..TA.....T.
 Ejugans160562-Furcy
 A.AC.CGCTA..C.C..CTC.T.T..C..A..TA.T.....C..C.T.
 Eleoncsei102893-El_Aguacate
 A.CC.ATCTACCC.C..CTC.....C..AG.T.CT.....C..C.T.
 Eleoncsei192544-Puerto_Escondido
 A.CC.ATCTACCC.C..CTC.....C..AG.T.CT.....C..C.T.
 Eleoncsei266703-Los_Arroyos
 A.CC.ATCTACCC.C..CTC.....C..AG.T.CT.....C..C.T.
 Eleoncsei267599-Casetta_Dos
 A.CC.ATCTACCC.C..CTC.....C..AG.T.CT.....C..C.T.
 Enortoni103744-Castillion
 CT.C.CTCC..TA.C..A.C.T...CC.....A.....G.....C..C.T.
 Enortoni160538-Furcy
 CT.C.CTCC..TA.C..A.C.T...CC.....A.....G.....T..C..C.T.
 Enortoni160634-Plaine_Formon
 CT.C.CTCC..TA.C..A.C.T...CC.....A.....G.....C..C.T.
 Enotidodes102862-Los_Pinos
 CT....TCG..TACC..A.C.T.T.....T.CAT.G..G..T..T.....C..C...
 Enotidodes102890-Los_Pinos
 CT....TCG..TACC..A.C.T.T.....T.CAT.G..G..T..T.....C..C...
 Enotidodes266303-Calimete
 CTC...TCG..TACC..A.C.T.T.....T.CAT.G..G..T..T.....C..C...
 Enotidodes266304-Calimete
 CTC...TCG..TACC..A.C.T.T.....T.CAT.G..G..T..T.....C..C...
 Enotidodes266305-Calimete
 CT....TCG..TACC..A.C.T.T.....CAT.G..G..T..T.....C..C...
 Enotidodes266306-Calimete CT....TC-----

 Eoxyrhynchus103684-Castillion
 A.AC.CGCCCC.C.C..ATC.T.T..C..A....A....T..G..T.....C..C...
 Eoxyrhynchus103685-Castillion
 A.AC.CGCCCC.C.C..ATC.T.T..C..A....A....T..G..T.....C..C...
 Eoxyrhynchus103751-Castillion
 A.AC.CGCCCC.C.C..ATC.T.T..C..A....A....T..G..T.....C..C...
 Eoxyrhynchus103752-Castillion
 A.AC.CGCCCC.C.C..ATC.T.T..C..A....A....T..G..T.....C..C...
 Eoxyrhynchus103753-Castillion A.AC.CGCCCC.C.C..ATC.T.T..C.-----

 Eoxyrhynchus103977-Marche_Leon
 A.AC.CGCCCC.C.C..ATC.T.T..C..A....A....T..G..T.....C..C...
 Eoxyrhynchus104114-Seguin
 A.AC..GCC?C?C.C..ATC.T.T..C..A....A....T....T.....C..C...
 Eoxyrhynchus104115-Seguin
 A.AC..GCCAC.C.C..ATC.T.T..C..A....A....T....T.....C..C...
 Eoxyrhynchus104116-Seguin
 A.AC..GCCAC.C.C..ATC.T.T..C..A....A....T....T.....C..C...

Eoxyrhynchus104117-Seguin
A.AC..GCCAC.C.C..ATC.T.T..C..A...A....T.....T.....C..C...
Eoxyrhynchus104118-Seguin
A.AC..GCCAC.C.C..ATC.T.T..C..A...A....T.....T.....C..C...
Eoxyrhynchus191943-Dame-Marie
A.AC.CGCCCC.C.C..ATC.T.T..C..A...A.....G..T.....C..C...
Eoxyrhynchus191944-Dame-Marie
A.AC.CGCCCC.C.C..ATC.T.T..C..A...A.....G..T.....C..C...
Epictissimus102623-Los_Patos
ATCT.ATCCACTACC..C.C.T.T.....T..TA.T..A..C.....C..C...
Epictissimus103608-Camp_Perrin
ATCT.ATCCA.CAC...C.C.T.T.....T..TA.T..A..C..T.....C..C..T
Epictissimus191739-Ducis
ATCT.ATCTA.CACC..C.C.T.T.....T..A.T..A..C..T.....C..C..T
Epictissimus191780-Pestel
ATCT.ATCCA.CAC...C.C.T.T.....T..?A.T..A..C..?....?....C..C..T
Epictissimus191781-Pestel
ATCT.ATCCA.TAC...C.C.T.T.....T..TA.T..A..C..T.....C..C..T
Epictissimus191782-Pestel
ATCT.ATCCA.CAC...C.C.T.T.....T..TA.T..A..C..T.....C..C..T
Epictissimus191783-Pestel
ATCT.ATCCA.CAC...C.C.T.T.....T..TA.T..A..C..T.....C..C..T
Epictissimus191896-Pestel
ATCT.ATCCA.CAC...C.C.T.T.....T..TA.T..A..C..T.....C..C..T
Epictissimus191900-Pestel
ATCT.ATCCA.CAC...C.C.T.T.....T..TA.T..A..C.....C..C..T
Epictissimus191901-Pestel
ATCT.ATCCA.CAC...C.C.T.T.....T..TA.T..A..C.....C..C..T
Epictissimus192326-Baraderes
ATCT.ATCCA.CAC...C.C.T.T.....T..T..T..A..C..T.....C..C..T
Epictissimus-sp2_191972-Dame-Mar
A.CT.ATCCA.CACC..C.C.T.T.....T..TA.T..A..C..T..G.....C..C..T
Eruififemoralis160226-Tejunde
A.AT.AGCCA.GC.CA.ATC.T....C..AGG.A.T..G..G..T.....C..C...
Esommeril61590-Rio_Limpio
..CC.ATC?....A....C.CCT.A..C..G..TA..?..G.....T..A.....
Esommeril61591-Rio_Limpio
..CC.ATCT...A....C.CCT.A..C..G..TA..T.G.....T..T.....
Esommeril61592-Rio_Limpio
..CC.ATCT...A....C.CCT.A..C..G..TA..T.G.....T..T.....
Esommeril61593-Rio_Limpio
..CC.ATCT...A....C.CCT.A..C..G..TA..T.G.....T..T.....
Ewetmorei103844-Port_Salut
.TCC.GTCT...A.??..C.CCT.A..C..A.TATC...A.....T..T.....
Ewetmorei103845-Port_Salut
.TCC.GTCT...A.C..CCCCT.A..A.TATC...A.....T..T.....

Eabbotti101101-Sabana_de_la_Mar
CCGGCTAACCTCTAACGACACCACCTCATATTAAACCAGAATGATACTTCCTATTTGCC
Eabbotti101117-Jayaco
..A..A.....C.....
Ealcoae102626-Los_Patos
..A..C..T..C..TCG..C.....T.....T..C...
Ealcoae102627-Los_Patos
..A..C..T..C..TCG..C.....T.....T..C...
Ealcoae194724-Isla_Beata
..A..C..T..C..TCG..C.....T.....C...
Ealcoae194725-Isla_Beata
..A..C..T..A..TCG..C.....T.....A--
Ealcoae194726-Isla_Beata
..A..C..T..A..TCG..C.....T.....C...

Ealcoae194727-Isla_Beata
 ..A..C..T..A...TCG..C.....T.....C...
 Ealcoae194728-Isla_Beata
 ..A..C..T..C...TCG..C.....T.....A--
 Ealcoae194867-Bucan_Detwi ...A..C..T..C...TCG..C.....-----

 Ealcoae194868-Bucan_Detwi
 ..A..C.....C...TCG..C.....G.....T.....C...
 Ealcoae194869-Bucan_Detwi
 ..A..C..T..C...TCG..C.....T.....-----
 Ealcoae194871-Bucan_Detwi
 ..A..C..T..C...TCG..C.....T.....A--
 Ealcoae194876-Cabo_Beata -----

 Ealcoae194877-Cabo_Beata
 ..A..C..T..C...TCG..C.....T.....C...
 Ealcoae194878-Cabo_Beata ...A..C.-----

 Earmstrongi101265-Paraiso
 ..A..C.....C...TC...C.....C..C.....
 Earmstrongi102418-Cabral
 ..A..C.....C...TC...C.....C..C.....
 Earmstrongi102419-Cabral
 ..A..C.....C...TC...C.....C..C.....
 Earmstrongi102420-Cabral
 ..A..C.....C...TC...C.....C..C.....
 Earmstrongi102424-Cabral
 ..A..C.....C...TC...C.....C..C.....T.....A--
 Earmstrongi102425-Cabral -----

 Earmstrongi160263-Tejunde ...A..C.....C...TC...C.....C..C.....T..---

 Earmstrongi160264-Tejunde ...A..C.....C...TC...C.....C..C.....-----

 Earmstrongi160265-Tejunde ...A..C.....C...TC...C.....C..C.....-----

 Earmstrongi160266-Tejunde ...A..C.....C...TC...C.....CA.C.....-----

 Earmstrongi160267-Tejunde
 ..A..C.....C...TC...C.....C..C.....T.....----
 Earmstrongi160558-Furcy ...A..C.....C...TC...C.....C..C.....-----

 Earmstrongi160559-Furcy
 ..A..C.....C...TC...C.....C..C.....-----
 Earmstrongi160560-Furcy ...A..C.....C...TC...C.....C..C.....-----

 Eaudanti-sp3_102614-Cabral ...A.....T..A..C.....C..G..C..C.....G.....----

 Eaudanti-sp1_102798-El_Aguacate
 T.A.....T..A..T.....C.....T.....
 Eaudanti-sp1_102799-El_Aguacate
 T.A.....T..A..T.....C.....T.....
 Eaudanti-sp1_102800-El_Aguacate
 T.A.....T..A..T.....C.....T.....
 Eaudanti-sp2_104035-Marche_Leon -----

 Eaudanti104299-Seguin
 ..A.....T..A..T.....C..C.....C.....T..TT.....
 Eaudanti104300-Seguin
 ..A.....T..A..T.....C..C.....C.....T..TT.....

Eaudanti104301-Marche_Leon
 ..A.....T..A..T.....C..C.....C.....T...T.....
 Eaudanti104370-Gros_Cheval
 ..A.....T..A..T.....C..C.....C.....T.....
 Eaudanti104372-Gros_Cheval
 ..A.....T..A..T.....C..C.....C.....T.....
 Eaudanti160543-Furcy
 ..A.....T..A..T.....C..C.....C.....T..TT.....
 Eaudanti160544-Furcy
 ..A.....T..A..T.....C..C.....C.....T..TT.....
 Eaudanti160545-Furcy
 ..A.....T..A..T.....C..C.....C.....T..TT.....
 Eaudanti160546-Furcy
 ..A.....T..A..T.....C..C.....C.....T..TT.....
 Eaudanti160547-Furcy
 ..A.....T..A..T.....C..C.....C.....T..TT.....
 Eaudanti-sp4_160702-Les_Platons
 ..T....T....T.AT..C..C.....C.....G.....G.....T.....T
 Eaudanti266302-Calimete
 ..A..C.....A..C.....C.....G.....T.....
 Eaudanti-sp5_268612-FurcyC.....A-----

 Eaudanti268684-Morne_la_visite
 ..A.....T..A..T.....C..C.....C.....T...T.....
 Eaudanti268685-Morne_la_visite
 ..A.....T..A..T.....C..T.....C.....T...T.....
 Eaudanti268686-Morne_la_visite
 ..A.....T..A..T.....C..C.....C.....T...T.....
 Eaudanti268687-Morne_la_visite
 ..A.....T..A..T.....C..T.....C.....T...T.....
 Eaudanti268688-Morne_la_visite
 ..A.....T..A..T.....C..C.....C.....T...T.....
 Eaudanti-sp1_102797-El_Aguacate
 T.A.....A..T.....C.....T.....
 Ebrevirostris160605-Formon_Ridge
 ..A.....CT..TCA..C..G..A..C.....G..G.....T.....
 Ebrevirostris160607-Formon_Ridge
 ..A.....CT..TCA..C..G..A..C.....G..G.....T.....
 Ebrevirostris160608-Formon_Ridge ..A.....CT..TCA..C..G..A..C-----

 Eceraemerus160279-Los_ArroyosA.....T.....C..A.....-----

 Eceraemerus160308-Los_Arroyos
 ..A.....T.....C..A.....T-----
 Edarlingtoni104190-SeguinA..C.....C..TCT..C.....C-----

 Edarlingtoni104192-Seguin
 ..A..C.....C..TCT..C..GG.....C.....G.....T.....-----
 Edarlingtoni104193-Seguin
 ..A..C.....C..TCT..C..G.....C.....T.....G..C...
 Edarlingtoni104386-Gros_Cheval -----

 Ediplasius103763-CastillionA.....T..C.....C.....-----

 Efurcensis160533-Furcy
C.....TCA..C..C..G.....C.....C..C...
 Efurcensis160525-Furcy
C.....TCA..C..G..G.....C.....C..C...
 Efurcensis160526-Furcy
C.....TCA..C..G..G.....C.....C..C...

Efurcyensis160535-FurcyC.....TCA..C..C..G-----

 Efurcyensis160536-FurcyC.....TCA..C..C..G-----

 Efurcyensis160537-FurcyC.....TCA..C..C..G-----

 Efurcyensis160561-FurcyC.....TCA..C..C..G-----

 Efurcyensis268623-FurcyC.....TCA..C..C..G-----

 Efurcyensis268624-FurcyC.....TCA..C..C..G-----

 Efurcyensis268625-FurcyC.....-----

 Efurcyensis268651-FurcyC.....TCA..C..G..G-----

 Efurcyensis-spl_102891-Los_Arroy ..A..C.....C...TCA..C.....A..C-----

 Efurcyensis-spl_104140-Seguin ..A..C.....C...G?..C.....-----
 Efurcyensis-spl_104141-Seguin ..A..C.....C...TCA..C-----

 Efurcyensis-spl_268604-Berry ..A..C.....C...TCA..C.....G..C-----

 Egrahami160730-Ca_Soleil ..A.....A...TCT..C..C.....C-----

 Egrahami160731-Ca_Soleil ..A.....A...TCT..C..C.....C-----

 Egrahami160732-Ca_Soleil ..A.....A...TCT..C..C.....C-----

 Egrahami160733-Ca_Soleil ..A.....A...TCT..C..C.....C-----

 Egrahami160807-Citadel_of_King_C ..A.....A...TCT..C..C.....C.....T...-

 Egrahami160808-Citadel_of_King_C ..A.....A...TCT..C..C..A..C.....T...-

 Egrahami160809-La_Pierre ..A.....A...TCT..C..C.....C.....T...-

 Egrahami194590-Bombardopolis ..A.....A...TCT..C..C.....C-----

 Eheminota160460-Furcy ..A..C.....A...TCA..T..T..A.....-----

 Eheminota160465-Furcy ..A..C.....A...TCA..T..C..A..A.....T..T..CTA....-

 Eheminota160466-Furcy ..A..C.....A...TCA..T..C..A.....-----

 Einoptatus101237-Cabral ..A.....AT...A.....C..C..C-----

 Einoptatus101238-Cabral ..A.....AT...A.....C..C..C-----

 Einoptatus103704-Castillion -----

 Einoptatus-spl_160375-El_Valle ..A..C.....ATA.....-----

 Einoptatus192000-Anse_DHainault ..A.....A-----

 Einoptatus192607-Cabral ..A.....AT...A.....C..C..C-----

 Einoptatus-spl_193094-Batez_Pied ..A..C.....AT...AT.....C..C..C-----

Einoptatus194350-Apolinar_Pelodr
 ..A.....AT...A.....C..C..C.....G..T..G.....T.....
 Einoptatus194351-Apolinar_Pelodr
 ..A.....AT...A.....C..C..C.....G..T..G.....T.....
 Einoptatus-sp1_194583-Bombardopo
 ..A.....AT...AT.....C..C..C.....
 Einoptatus-sp1_194584-Bombardopo
 ..A.....AT...AT.....C..C..C.....
 Einoptatus-sp1_194624-Bombardopo
 ..A.....AT...AT.....C..C..C.....
 Einoptatus267595-Alcoa_Road
AT...A.....C..C..C.....G..T..G.....T.....
 Einoptatus-sp1_267765-Los_Limone
 ..A..C.....AT...AT.....C..C..C.....
 Einoptatus-sp1_267788-Naranjo_Ar ...A..C.....AT...AT.....C..C..C-----

 Einoptatus268569-BerryAT...A.....C..C..C-----

 Einoptatus268680-Bonga ...A.....AT...A.....C..C..C-----

 Einoptatus268689-Furcy ...A.....AT...A.....C..C..C-----

 Ejugans160562-Furcy ...A..C.....G...TCG..C..C..C.....T.----

 Eleoncsei102893-El_Aguacate
 ..A..C.....C...TCT..C.....C.....G..C...
 Eleoncsei192544-Puerto_Escondido
 ..A..C.....C...TCT..C.....C.....G..C...
 Eleoncsei266703-Los_Arroyos ...A..C.....C...TCT..C.....C-----

 Eleoncsei267599-Casetta_Dos ...A..C.....C...TCT..C.....-----

 Enortoni103744-Castillion ...A..A.....C....A..C..G..C..A-----

 Enortoni160538-Furcy ...A..A.....C....A..C....C..C-----

 Enortoni160634-Plaine_Formon ...A..A.....C....A..C....C..C-----

 Enotidodes102862-Los_Pinos
C.....A..C.....C.....G.....T.....
 Enotidodes102890-Los_Pinos
C.....A..C.....C.....G.....T.....
 Enotidodes266303-Calimete
C.....A..C.....C.....G.....T.....
 Enotidodes266304-Calimete
C.....A..C.....C.....G.....T.....
 Enotidodes266305-Calimete
 ..A..C.....A..C.....C.....G.....T.....
 Enotidodes266306-Calimete -----

 Exoptychus103684-Castillion ...A..C.....AT..TCA..C..C..C-----

 Exoptychus103685-Castillion ..A..C.....AT..TCA..C..C..C.....C...
 Exoptychus103751-Castillion ...A..C.....AT..TCA..C..C..C-----

 Exoptychus103752-Castillion ...A..C.....AT..TCA..C..C..C-----

 Exoptychus103753-Castillion -----

Eoxyrhynchus103977-Marche_Leon .A..C.....AT..TCA..C..C..C-----

Eoxyrhynchus104114-Seguin
..A..C.....AT..TCA..C..C..C.....G.....T.....C...
Eoxyrhynchus104115-Seguin .A..C.....AT..TCA..C..C..C..C-----

Eoxyrhynchus104116-Seguin .A..C.....AT..TCA..C..C..C..C-----

Eoxyrhynchus104117-Seguin .A..C.....AT..TCA..C..C..C..C.....G.....-----

Eoxyrhynchus104118-Seguin .A..C.....AT..TCA..C..C..C..C-----

Eoxyrhynchus191943-Dame-Marie
..A..C.....AT..TCA..C..C..C.....G.....C...
Eoxyrhynchus191944-Dame-Marie .A..C.....A..TCA..C..C..C-----

Epictissimus102623-Los_Patos .A.....A...TCT..C..T..C..C.....-----

Epictissimus103608-Camp_Perrin
..A.....A...TCT..C..C..C.....T.....-----
Epictissimus191739-Ducis .A.....A...TCT..C..C..C-----

Epictissimus191780-Pestel .A?.....-----

Epictissimus191781-Pestel .A.....A...TCT..C..C..C..C.....-----

Epictissimus191782-Pestel .A.....A...TCT..C..C..C..C.....-----

Epictissimus191783-Pestel
..A.....A...TCT..C..C..C.....T.....-----
Epictissimus191896-Pestel .A.....A...TCT..C..C..C..C.....-----

Epictissimus191900-Pestel
..A.....A...TCT..C..C..C.....T.....-----
Epictissimus191901-Pestel
..A.....A...TCT..C..C..C.....T.....-----
Epictissimus192326-Baraderes .A.....A...TCT..C..C..C..C.....-----

Epictissimus-sp2_191972-Dame-Mar
..A.....G...TCT..C..C..C.....T.....-----
Erufifemoralis160226-Tejunde .A.....G...TCA..T..CA.A..C-----

Esommeri161590-Rio_Limpio
..A.....T.....C..A.....G.....G..G..T..TT....C..T
Esommeri161591-Rio_Limpio
..A.....T.....C..A.....G.....G..G..T..TT....C..T
Esommeri161592-Rio_Limpio
..A.....T.....C..A.....G.....G..G..T..TT....C..T
Esommeri161593-Rio_Limpio
..A.....T.....C..A.....G.....G..G..T..TT....C..T
Ewetmorei103844-Port_Salut .A..C..T..CTA.....-----

Ewetmorei103845-Port_Salut -----

Eabbotti101101-Sabana_de_la_Mar
TATGCTATTCTACGCTCTATCCCAAATAACTAGGGAGGACTAGGCCCTCCTTTCC
Eabbotti101117-Jayaco
....C.....T
Ealcoae102626-Los_Patos ..C..C.....A.....C..C.....G...-----

Ealcoae102627-Los_Patos	...C..C.....-----

Ealcoae194724-Isla_Beata	...C..C.....A.....-----

Ealcoae194725-Isla_Beata	-----

Ealcoae194726-Isla_Beata	...C..C.....-----

Ealcoae194727-Isla_Beata	...C..C.....A...A.C..C.....-----

Ealcoae194728-Isla_Beata	-----

Ealcoae194867-Bucan_Detwi	-----

Ealcoae194868-Bucan_Detwi	...C..C.....-----

Ealcoae194869-Bucan_Detwi	-----

Ealcoae194871-Bucan_Detwi	-----

Ealcoae194876-Cabo_Beata	-----

Ealcoae194877-Cabo_Beata	...C..C.....A....C..C.....-----

Ealcoae194878-Cabo_Beata	-----

Earmstrongi101265-Paraiso	
..C..C..CT.....A.....T..T..T..T.....AT.A..C..T	
Earmstrongi102418-Cabral	
..C..C..CT.....A.....T..T..T..T.....AT.A..C..T	
Earmstrongi102419-Cabral	
..C..C..CT.....A.....T..T..T..T.....AT.A..C..T	
Earmstrongi102420-Cabral	
..C..C..CT.....A.....T..T..T..T.....AT.A..C..T	
Earmstrongi102424-Cabral	-----

Earmstrongi102425-Cabral	-----

Earmstrongi160263-Tejunde	-----

Earmstrongi160264-Tejunde	-----

Earmstrongi160265-Tejunde	-----

Earmstrongi160266-Tejunde	-----

Earmstrongi160267-Tejunde	-----

Earmstrongi160558-Furcy	-----

Earmstrongi160559-Furcy	-----

Earmstrongi160560-Furcy	-----

Eaudanti-sp3_102614-Cabral	-----

Eaudanti-sp1_102798-El_Aguacate	
..C.....T.....A.....C..C.....G.....T..T.....T.....AC....T	
Eaudanti-sp1_102799-El_Aguacate	
..C.....T.....A.....C..C.....G.....T..T.....T.....AC....T	

Eaudanti-sp1_102800-El_Aguacate
 ..C.....T.....A.....C..C.....G.....T..T.....T.....AC....T
 Eaudanti-sp2_104035-Marche_Leon -----

 Eaudanti104299-Seguin
 ..C.....T.....A..T..C..C.....G.....T..T.....AC....T
 Eaudanti104300-Seguin
 ..C.....T.....A..T..C..C.....G.....T..T.....AC....T
 Eaudanti104301-Marche_LeonC.....T.....A.....C..C.....-----

 Eaudanti104370-Gros_Cheval
 ..C.....T.....A.....C..C.....T..T.....AC....T
 Eaudanti104372-Gros_Cheval
 ..C.....T.....A.....C..C.....T..T.....AC....T
 Eaudanti160543-Furcy
 ..C.....T.....A..T..C..C.....T..T.....AC....T
 Eaudanti160544-Furcy
 ..C.....T.....A..T..C..C.....T..T.....AC....T
 Eaudanti160545-Furcy
 ..C.....T.....C..T..C..C.....T..T.....AC.C..?
 Eaudanti160546-Furcy
 ..C.....T.....A..T..C..C.....T..T.....AC....T
 Eaudanti160547-Furcy
 ..C.....T.....A..T..C..C.....T..T.....AC....T
 Eaudanti-sp4_160702-Les_Platons
 ..CA.....T.....CG.T..T.....T....G..G..T.....T...C.G..T
 Eaudanti266302-Calimete
 ..C.....T.....A.....T.....T..C.....T..TC.C..T
 Eaudanti-sp5_268612-Furcy -----

 Eaudanti268684-Morne_la_visite
 ..C.....T.....A..T..C..C.....G.....T..T.....T..AC....T
 Eaudanti268685-Morne_la_visite
 ..C.....T.....A..T..C..C.....G.....T..T.....T..TC....T
 Eaudanti268686-Morne_la_visite
 ..C.....T.....A..T..C..C.....G.....T..T.....AC....T
 Eaudanti268687-Morne_la_visite
 ..C.....T.....A..T..C..C.....G.....T..T.....T..AC....T
 Eaudanti268688-Morne_la_visite
 ..C.....T.....A..T..C..C.....G.....T..T.....T..AC....T
 Eaudanti-sp1_102797-El_Aguacate
 ..C.....T.....A.....C..C.....G.....T..T.....T.....AC....T
 Ebrevirostris160605-Formon_Ridge
 ..C.....C.....A..A..T.....C..G.....T..C..CT.....A..A..C..T
 Ebrevirostris160607-Formon_Ridge
 ..C.....C.....A..A..T.....C..G.....T..C..CT.....A..A..C..T
 Ebrevirostris160608-Formon_Ridge -----

 Eceraemerus160279-Los_Arroyos -----

 Eceraemerus160308-Los_Arroyos -----

 Edarlingtoni104190-Seguin -----

 Edarlingtoni104192-Seguin -----

 Edarlingtoni104193-Seguin
 ..C..C..C.....A.....C..T.....C..G.....A..A..C...
 Edarlingtoni104386-Gros_Cheval -----

Ediplasius103763-Castillion	-----
-----	-----
Efurcyensis160533-Furcy	-----
..C.....C.....A..A.....	C..C.....T.....AT.A..A.....
Efurcyensis160525-Furcy	-----
..C.....C.....A..A.....	C..C.....T.....AT.A..A.....
Efurcyensis160526-Furcy	-----
..C.....C.....A..A.....	C..C.....T.....AT.A..A.....
Efurcyensis160535-Furcy	-----
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Efurcyensis160536-Furcy	-----
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Efurcyensis160537-Furcy	-----
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Efurcyensis160561-Furcy	-----
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Efurcyensis268623-Furcy	-----
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Efurcyensis268624-Furcy	-----
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Efurcyensis268625-Furcy	-----
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Efurcyensis268651-Furcy	-----
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Efurcyensis-spl_102891-Los_Arroy	-----
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Efurcyensis-spl_104140-Seguin	-----
-----	-----
Efurcyensis-spl_104141-Seguin	-----
-----	-----
Efurcyensis-spl_268604-Berry	-----
-----	-----
Egrahami160730-Ca_Soleil	-----
-----	-----
Egrahami160731-Ca_Soleil	-----
-----	-----
Egrahami160732-Ca_Soleil	-----
-----	-----
Egrahami160733-Ca_Soleil	-----
-----	-----
Egrahami160807-Citadel_of_King_C	-----
-----	-----
Egrahami160808-Citadel_of_King_C	-----
-----	-----
Egrahami160809-La_Pierre	-----
-----	-----
Egrahami194590-Bombardopolis	-----
-----	-----
Eheminota160460-Furcy	-----
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Eheminota160465-Furcy	-----
-----	-----
Eheminota160466-Furcy	-----
-----	-----
Einoptatus101237-Cabral	-----
-----	-----
Einoptatus101238-Cabral	-----
-----	-----
Einoptatus103704-Castillion	-----
-----	-----

Einoptatus-sp1_160375-El_Valle -----

 Einoptatus192000-Anse_DHainault -----

 Einoptatus192607-Cabral -----

 Einoptatus-sp1_193094-Batez_Pied -----

 Einoptatus194350-Apolinar_PelodrC.....-----

 Einoptatus194351-Apolinar_PelodrC..C.-----

 Einoptatus-sp1_194583-BombardopoC.....A.....-----

 Einoptatus-sp1_194584-BombardopoC.....-----

 Einoptatus-sp1_194624-BombardopoC.....-----

 Einoptatus267595-Alcoa_RoadC..C.....A.....-----

 Einoptatus-sp1_267765-Los_LimoneC.....A.....-----

 Einoptatus-sp1_267788-Naranjo_Ar -----

 Einoptatus268569-Berry -----

 Einoptatus268680-Bonga -----

 Einoptatus268689-Furcy -----

 Ejugans160562-Furcy -----

 Eleoncsei102893-El_Aguacate ..C..C..C.....A.....C..C....C.....A..A..C..T
 Eleoncsei192544-Puerto_Escondido ..C..C..C.....A.....C..C....C.....A..A..C..T
 Eleoncsei266703-Los_Arroyos -----

 Eleoncsei267599-Casetta_Dos -----

 Enortoni103744-Castillion -----

 Enortoni160538-Furcy -----

 Enortoni160634-Plaine_Formon -----

 Enotidodes102862-Los_Pinos ..C.....T.....A..?..C?.....T..C.....T..TC.C..T
 Enotidodes102890-Los_Pinos ..C.....T.....A.....T.....T..C.....T..TC.C..T
 Enotidodes266303-Calimete ..C.....T.....?..?..C..C...ACT..G-----

 Enotidodes266304-Calimete ..C.....T.....-----

 Enotidodes266305-Calimete ..C.....T.....A.....T.....T..C.....T..TC.C..T
 Enotidodes266306-Calimete -----

 Exoxyrhynchus103684-Castillion -----

Eoxyrhynchus103685-Castillion
C.....C..A..A.....C..C..C.....A..AT.A..C...
 Eoxyrhynchus103751-Castillion -----

 Eoxyrhynchus103752-Castillion -----

 Eoxyrhynchus103753-Castillion -----

 Eoxyrhynchus103977-Marche_Leon -----

 Eoxyrhynchus104114-Seguin
 ..C..C.....C..A..A.....G..C.....C..C..T.....AT.AT.A..C...
 Eoxyrhynchus104115-Seguin -----

 Eoxyrhynchus104116-Seguin -----

 Eoxyrhynchus104117-Seguin -----

 Eoxyrhynchus104118-Seguin -----

 Eoxyrhynchus191943-Dame-Marie
 ..C..C.....C..A..A.....C..C..C.....A..AT.A..C...
 Eoxyrhynchus191944-Dame-Marie -----

 Epictissimus102623-Los_Patos -----

 Epictissimus103608-Camp_Perrin -----

 Epictissimus191739-Ducis -----

 Epictissimus191780-Pestel -----

 Epictissimus191781-Pestel -----

 Epictissimus191782-Pestel -----

 Epictissimus191783-Pestel -----

 Epictissimus191896-Pestel -----

 Epictissimus191900-Pestel -----

 Epictissimus191901-Pestel -----

 Epictissimus192326-Baraderes -----

 Epictissimus-sp2_191972-Dame-Mar -----

 Erufifemoralis160226-Tejunde -----

 Esommeril161590-Rio_Limpio
C..C.....T.....T..T.....T..T..A..C.??
 Esommeril161591-Rio_Limpio
C..C.....T.....T..T.....T..T..A..C..T
 Esommeril161592-Rio_Limpio
C..C.....T.....T..T.....T..T..A..C..T
 Esommeril161593-Rio_Limpio
C..C.....T.....T..T.....T..T..A..C..T
 Ewetmorei103844-Port_Salut -----

Ewetmorei103845-Port_Salut	-----
Eabbotti101101-Sabana_de_la_Mar	ATTCTGGTACTTCTAAATATCACCTATCATTACACCTCCACCAACG-----
Eabbotti101117-JayacoA.....AAC-----
Ealcoae102626-Los_Patos	-----
Ealcoae102627-Los_Patos	-----
Ealcoae194724-Isla_Beata	-----
Ealcoae194725-Isla_Beata	-----
Ealcoae194726-Isla_Beata	-----
Ealcoae194727-Isla_Beata	-----
Ealcoae194728-Isla_Beata	-----
Ealcoae194867-Bucan_Detwi	-----
Ealcoae194868-Bucan_Detwi	-----
Ealcoae194869-Bucan_Detwi	-----
Ealcoae194871-Bucan_Detwi	-----
Ealcoae194876-Cabo_Beata	-----
Ealcoae194877-Cabo_Beata	-----
Ealcoae194878-Cabo_Beata	-----
Earmstrongi101265-Paraiso	..C..T..C.....T.TC..GC.T.TCAT.CACAC.TCTA.....-----
Earmstrongi102418-Cabral	..C..T..C.....T.TC..GC.T.TCAT.CACAC.TCTA.....AACCT-----
Earmstrongi102419-Cabral	..C..T..C.....T.TC..GC.T.TCAT.CACAC.TCTA.....AACCT-----
Earmstrongi102420-Cabral	..C..T..C.....T.TC..GC.T.TCAT.CACAC.TCTA.....AACCTGACTTC
Earmstrongi102424-Cabral	-----
Earmstrongi102425-Cabral	-----
Earmstrongi160263-Tejunde	-----
Earmstrongi160264-Tejunde	-----
Earmstrongi160265-Tejunde	-----
Earmstrongi160266-Tejunde	-----
Earmstrongi160267-Tejunde	-----
Earmstrongi160558-Furcy	-----
Earmstrongi160559-Furcy	-----

Earmstrongi160560-Furcy -----
Eaudanti-sp3_102614-Cabral -----
Eaudanti-sp1_102798-El_Aguacate .C..A..C..AT.TCT.GCAC.A.T.AC.CACAC.TCA.....-----
Eaudanti-sp1_102799-El_Aguacate ..C..A..C..AT.TCT.GCAC.A.T.AC.CACAC.TCA.....AACCTAACCTTT
Eaudanti-sp1_102800-El_Aguacate ..C..A..C..AT.TCT.GCAC.A.T.AC.CACAC.TCA.....AACCTAACCTTT
Eaudanti-sp2_104035-Marche_Leon -----
Eaudanti104299-Seguin .C..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....AACATTAATATTT
Eaudanti104300-Seguin .C..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....AACATTAATATTT
Eaudanti104301-Marche_Leon -----
Eaudanti104370-Gros_ChevalA..TT.AT.TCT.GCAC.A.T.AT?CATAC.TCA.....AAC--
Eaudanti104372-Gros_ChevalA..GT.AT.TCT.GCAC.A.T.AT.CATAC.TCA.....AACCTAACCTTT
Eaudanti160543-FurcyC..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....ACC---
Eaudanti160544-FurcyC..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....A----
Eaudanti160545-FurcyC..A.CC..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....?-----
Eaudanti160546-FurcyC..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....AAC---
Eaudanti160547-FurcyC..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....A----
Eaudanti-sp4_160702-Les_Platons ...T.A..C..AT.TTTAGCAC.A.T.AT.CACACTCAAGT..T..AACATTGATATTT
Eaudanti266302-Calimete ..CT.A..T..AT.TCTAGCAC.ACTCAT.CACAC.TCA.....AACCTGACCTTT
Eaudanti-sp5_268612-Furcy -----
Eaudanti268684-Morne_la_visite ..C..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....AACATTAATATTT
Eaudanti268685-Morne_la_visite ..C..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....AACATTAATATTT
Eaudanti268686-Morne_la_visite ..C..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....AACATTAATATTT
Eaudanti268687-Morne_la_visite ..C..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....AACATTAATATTT
Eaudanti268688-Morne_la_visite ..C..A..C..AT.TCT.GCAC.ACT.AT.CATAC.TCA.....AACATTAATATTT
Eaudanti-sp1_102797-El_Aguacate ..C..A..C..AT.TCT-----
Ebrevirostris160605-Formon_RidgeAA.C..A....T...GC.AATAAT.CACACATCA..T.....AACTTTAATGTTT
Ebrevirostris160607-Formon_RidgeAA.C..A....T...GC.AATAAT.CACACATCA..T.....AACTTTAATGTTT
Ebrevirostris160608-Formon_Ridge -----
Eceraemerus160279-Los_Arroyos -----
Eceraemerus160308-Los_Arroyos -----

Edarlingtoni104190-Seguin -----

 Edarlingtoni104192-Seguin -----

 Edarlingtoni104193-Seguin
 ..C..T..C..A....TC..GC...TCAT.CACAC.TCTA.....AACCATGACCTTT
 Edarlingtoni104386-Gros_Cheval -----

 Ediplasius103763-Castillion -----

 Efurcyensis160533-Furcy
 ..C..T..C...T.C.T.GCGC..GCAAT.CACACATC.....ATCCCTAATATTT
 Efurcyensis160525-Furcy
 ..C..T..C...T.C.T.GCGC..GCAAT.CACACATC.....ATCCCTAATATTT
 Efurcyensis160526-Furcy
 ..C..T..C...T.C.T.GCGC..GCAAT.CACACATC.....ATCCCTAATATTT
 Efurcyensis160535-Furcy -----

 Efurcyensis160536-Furcy -----

 Efurcyensis160537-Furcy -----

 Efurcyensis160561-Furcy -----

 Efurcyensis268623-Furcy -----

 Efurcyensis268624-Furcy -----

 Efurcyensis268625-Furcy -----

 Efurcyensis268651-Furcy -----

 Efurcyensis-spl_102891-Los_Arroy -----

 Efurcyensis-spl_104140-Seguin -----

 Efurcyensis-spl_104141-Seguin -----

 Efurcyensis-spl_268604-Berry -----

 Egrahami160730-Ca_Soleil -----

 Egrahami160731-Ca_Soleil -----

 Egrahami160732-Ca_Soleil -----

 Egrahami160733-Ca_Soleil -----

 Egrahami160807-Citadel_of_King_C -----

 Egrahami160808-Citadel_of_King_C -----

 Egrahami160809-La_Pierre -----

 Egrahami194590-Bombardopolis -----

 Eheminota160460-Furcy -----

 Eheminota160465-Furcy -----

Eheminota160466-Furcy -----
 Einoptatus101237-Cabral -----
 Einoptatus101238-Cabral -----
 Einoptatus103704-Castillion -----
 Einoptatus-sp1_160375-El_Valle -----
 Einoptatus192000-Anse_DHainault -----
 Einoptatus192607-Cabral -----
 Einoptatus-sp1_193094-Batez_Pied -----
 Einoptatus194350-Apolinar_Pelodr -----
 Einoptatus194351-Apolinar_Pelodr -----
 Einoptatus-sp1_194583-Bombardopo -----
 Einoptatus-sp1_194584-Bombardopo -----
 Einoptatus-sp1_194624-Bombardopo -----
 Einoptatus267595-Alcoa_Road -----
 Einoptatus-sp1_267765-Los_Limone -----
 Einoptatus-sp1_267788-Naranjo_Ar -----
 Einoptatus268569-Berry -----
 Einoptatus268680-Bonga -----
 Einoptatus268689-Furcy -----
 Ejugans160562-Furcy -----
 Eleoncei102893-El_Aguacate
 ..C..T..C..A....TA..GC...TCAT.CACAC.TCTA.T.....AACCATGACCTTT
 Eleoncei192544-Puerto_Escondido
 ..C..T..C..A....TC..GC...TCAT.CACAC.TCTA.T.....AACCATAACCTTT
 Eleoncei266703-Los_Arroyos -----
 Eleoncei267599-Casetta_Dos -----
 Enortoni103744-Castillion -----
 Enortoni160538-Furcy -----
 Enortoni160634-Plaine_Formon -----
 Enotidodes102862-Los_Pinos ..CT.A..C..AT.TCTAGCAC-----
 Enotidodes102890-Los_Pinos ..CT.A..C..AT.TCTAGCAC.ACTCAT.CACAC.TCA.....A-----
 Enotidodes266303-Calimete -----

Enotidodes266304-Calimete -----

 Enotidodes266305-Calimete ..CT.A..T..AT.TCTAGCAC.ACTCAT.CACAC.TCA.....AA-----

 Enotidodes266306-Calimete -----

 Eoxyrhynchus103684-Castillion -----

 Eoxyrhynchus103685-Castillion ..C..T..C.....T.T.AC.AATAATCCACACATCG.....GTCTCTAATATT
 Eoxyrhynchus103751-Castillion -----

 Eoxyrhynchus103752-Castillion -----

 Eoxyrhynchus103753-Castillion -----

 Eoxyrhynchus103977-Marche_Leon -----

 Eoxyrhynchus104114-Seguin ..C..T..C.....T.T.AC.AATAATCCACACATCG.....GTCTTTAATATT
 Eoxyrhynchus104115-Seguin -----

 Eoxyrhynchus104116-Seguin -----

 Eoxyrhynchus104117-Seguin -----

 Eoxyrhynchus104118-Seguin -----

 Eoxyrhynchus191943-Dame-Marie ..C..T..C.....T.T.AC.AATAATCCACACATCG.....GTCTCTAATATT
 Eoxyrhynchus191944-Dame-Marie -----

 Epictissimus102623-Los_Patos -----

 Epictissimus103608-Camp_Perrin -----

 Epictissimus191739-Ducis -----

 Epictissimus191780-Pestel -----

 Epictissimus191781-Pestel -----

 Epictissimus191782-Pestel -----

 Epictissimus191783-Pestel -----

 Epictissimus191896-Pestel -----

 Epictissimus191900-Pestel -----

 Epictissimus191901-Pestel -----

 Epictissimus192326-Baraderes -----

 Epictissimus-sp2_191972-Dame-Mar -----

 Erufifemoralis160226-Tejunde -----

 Esommeril161590-Rio_Limpio ?....A...T..C....TC..AC...CCGTCATA?.?C??????....AACACTAATATT

Esommeri161591-Rio_Limpio
.....A..T..C....TC..AC...CCGTCATAC.TCAA.....AACACTAATATTT
Esommeri161592-Rio_Limpio
.....A..T..C....TC..AC...CCGTCATAC.TCAA.....AACACTAATATTT
Esommeri161593-Rio_Limpio
.....A..T..C....TC..AC...CCGTCATAC.TCAA.A.....AACACTAATATTT
Ewetmorei103844-Port_Salut -----

Ewetmorei103845-Port_Salut -----

Eabbotti101101-Sabana_de_la_Mar -----

Eabbotti101117-Jayaco -----

Ealcoae102626-Los_Patos -----

Ealcoae102627-Los_Patos -----

Ealcoae194724-Isla_Beata -----

Ealcoae194725-Isla_Beata -----

Ealcoae194726-Isla_Beata -----

Ealcoae194727-Isla_Beata -----

Ealcoae194728-Isla_Beata -----

Ealcoae194867-Bucan_Detwi -----

Ealcoae194868-Bucan_Detwi -----

Ealcoae194869-Bucan_Detwi -----

Ealcoae194871-Bucan_Detwi -----

Ealcoae194876-Cabo_Beata -----

Ealcoae194877-Cabo_Beata -----

Ealcoae194878-Cabo_Beata -----

Earmstrongi101265-Paraiso -----

Earmstrongi102418-Cabral -----

Earmstrongi102419-Cabral -----

Earmstrongi102420-Cabral -----

Earmstrongi102424-Cabral -----

Earmstrongi102425-Cabral -----

Earmstrongi160263-Tejunde -----

Earmstrongi160264-Tejunde -----

Earmstrongi160265-Tejunde -----

Earmstrongi160266-Te junde -----
Earmstrongi160267-Te junde -----
Earmstrongi160558-Furcy -----
Earmstrongi160559-Furcy -----
Earmstrongi160560-Furcy -----
Eaudanti-sp3_102614-Cabral -----
Eaudanti-sp1_102798-El_Aguacate -----
Eaudanti-sp1_102799-El_Aguacate CGAC-----
Eaudanti-sp1_102800-El_Aguacate CGACC-----
Eaudanti-sp2_104035-Marche_Leon -----
Eaudanti104299-Seguin
CGTCCTTCGCAAAACTCCTTTTGATCAATAGTGGCCAACACCTTAATCCTAACATGA
Eaudanti104300-Seguin
CGTCCTTCGCAAAACTCCTTTTGATCAATAGTGGCCAACACCTTAATCCTAACATGA
Eaudanti104301-Marche_Leon -----
Eaudanti104370-Gros_Cheval -----
Eaudanti104372-Gros_Cheval CGACCA-----
Eaudanti160543-Furcy -----
Eaudanti160544-Furcy -----
Eaudanti160545-Furcy -----
Eaudanti160546-Furcy -----
Eaudanti160547-Furcy -----
Eaudanti-sp4_160702-Les_Platons
CGTCCTCTTCAAAGCCTACTTTGATCCATAGTAGCTAATACCTTAATCCTAACATGA
Eaudanti266302-Calimete C-----
Eaudanti-sp5_268612-Furcy -----
Eaudanti268684-Morne_la_visite
CGTCCTTCGCAAAACTCCTTTTGATCAATAGTGGCCAACACCTTAACCCCTAACATGA
Eaudanti268685-Morne_la_visite CGTCCTTCGCAAAACTCCTTTTGATCAATAGTGGCCAACACCTTAACCC-----
Eaudanti268686-Morne_la_visite CGTCCTTCGCAAAACTCCTTTTGATCAATAGTGGCCAAC-----
Eaudanti268687-Morne_la_visite
CGTCCTTCGCAAAACTCCTTTTGATCAATAGTGGCCAACACCTTAACCCCTAACATGA
Eaudanti268688-Morne_la_visite CGTCCTTCGCAAAACTCCTTTTGATCAATAGTGGCCAACACCTTAACCC-----
Eaudanti-sp1_102797-El_Aguacate -----
Ebrevirostris160605-Formon_Ridge CGACCGATAACTAAGATACTTTCTGAACACTAGTAGCAAACACC-----

Ebrevirostris160607-Formon_Ridge CGACCAATAACTAAGATACTTTCTGAACACTAGTAGCAAACACC-----

Ebrevirostris160608-Formon_Ridge -----

Eceraemerus160279-Los_Arroyos -----

Eceraemerus160308-Los_Arroyos -----

Edarlingtoni104190-Seguin -----

Edarlingtoni104192-Seguin -----

Edarlingtoni104193-Seguin CGACCAACAACAACTAACTACTTTCTGAGCCCTCGTGGCAAAT-----

Edarlingtoni104386-Gros_Cheval -----

Ediplasius103763-Castillion -----

Efurcyensis160533-Furcy CGACCAGCAGCCAAAATACTATTCTGAACCCTAGTAGCAGACACC-----

Efurcyensis160525-Furcy CGACCAGCAGCCAAAATACTATTCTGAACCCTAGTAGCAGACACC-----

Efurcyensis160526-Furcy CGACCAGCAGCCAAAATACTATTCTGAACCCTAGTAGCAGACACC-----

Efurcyensis160535-Furcy -----

Efurcyensis160536-Furcy -----

Efurcyensis160537-Furcy -----

Efurcyensis160561-Furcy -----

Efurcyensis268623-Furcy -----

Efurcyensis268624-Furcy -----

Efurcyensis268625-Furcy -----

Efurcyensis268651-Furcy -----

Efurcyensis-spl_102891-Los_Arroy -----

Efurcyensis-spl_104140-Seguin -----

Efurcyensis-spl_104141-Seguin -----

Efurcyensis-spl_268604-Berry -----

Egrahami160730-Ca_Soleil -----

Egrahami160731-Ca_Soleil -----

Egrahami160732-Ca_Soleil -----

Egrahami160733-Ca_Soleil -----

Egrahami160807-Citadel_of_King_C -----

Egrahami160808-Citadel_of_King_C -----

Egrahami160809-La_Pierre -----

Egrahami194590-Bombardopolis -----

Eheminota160460-Furcy -----

Eheminota160465-Furcy -----

Eheminota160466-Furcy -----

Einoptatus101237-Cabral -----

Einoptatus101238-Cabral -----

Einoptatus103704-Castillion -----

Einoptatus-sp1_160375-El_Valle -----

Einoptatus192000-Anse_DHainault -----

Einoptatus192607-Cabral -----

Einoptatus-sp1_193094-Batez_Pied -----

Einoptatus194350-Apolinar_Pelodr -----

Einoptatus194351-Apolinar_Pelodr -----

Einoptatus-sp1_194583-Bombardopo -----

Einoptatus-sp1_194584-Bombardopo -----

Einoptatus-sp1_194624-Bombardopo -----

Einoptatus267595-Alcoa_Road -----

Einoptatus-sp1_267765-Los_Limone -----

Einoptatus-sp1_267788-Naranjo_Ar -----

Einoptatus268569-Berry -----

Einoptatus268680-Bonga -----

Einoptatus268689-Furcy -----

Ejugans160562-Furcy -----

Eleoncei102893-El_Aguacate CGACCAATAACTAAACTACTCTTCTGAACCCTCGTAGCAAATACC-----

Eleoncei192544-Puerto_Escondido CGACCAATAACTAAACTACTCTTCTGAACCCTCGTAGCAAATACC-----

Eleoncei266703-Los_Arroyos -----

Eleoncei267599-Casetta_Dos -----

Enortoni103744-Castillion -----

Enortoni160538-Furcy -----

Enortoni160634-Plaine_Formon	-----
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Enotidodes102862-Los_Pinos	-----
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Enotidodes102890-Los_Pinos	-----
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Enotidodes266303-Calimete	-----
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Enotidodes266304-Calimete	-----
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Enotidodes266305-Calimete	-----
-----	-----
Enotidodes266306-Calimete	-----
-----	-----
Eoxyrhynchus103684-Castillion	-----
-----	-----
Eoxyrhynchus103685-Castillion	CGACCGGCAACTAAAGTGCTATTTGAAGCCTCGTAACAAACACC-----
-----	-----
Eoxyrhynchus103751-Castillion	-----
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Eoxyrhynchus103752-Castillion	-----
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Eoxyrhynchus103753-Castillion	-----
-----	-----
Eoxyrhynchus103977-Marche_Leon	-----
-----	-----
Eoxyrhynchus104114-Seguin	CGACCAGCAACTAAAGTGCTATTTGAAGCCT-GTAACAAACACC-----
-----	-----
Eoxyrhynchus104115-Seguin	-----
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Eoxyrhynchus104116-Seguin	-----
-----	-----
Eoxyrhynchus104117-Seguin	-----
-----	-----
Eoxyrhynchus104118-Seguin	-----
-----	-----
Eoxyrhynchus191943-Dame-Marie	CGACCAGCAACTAAAGTGCTATTTGAAGCCTCGTAACAAACACC-----
-----	-----
Eoxyrhynchus191944-Dame-Marie	-----
-----	-----
Epictissimus102623-Los_Patos	-----
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Epictissimus103608-Camp_Perrin	-----
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Epictissimus191739-Ducis	-----
-----	-----
Epictissimus191780-Pestel	-----
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Epictissimus191781-Pestel	-----
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Epictissimus191782-Pestel	-----
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Epictissimus191783-Pestel	-----
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Epictissimus191896-Pestel	-----
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Epictissimus191900-Pestel	-----
-----	-----
Epictissimus191901-Pestel	-----
-----	-----

Epictissimus192326-Baraderes -----

 Epictissimus-sp2_191972-Dame-Mar -----

 Eruifemoralis160226-Tejunde -----

 Esommeri161590-Rio_Limpio CGTCCCCTAGCACGACTCTTATTTGAACCTGACAGCAAAC-----

 Esommeri161591-Rio_Limpio CGTCCCCTAGCACGACTCTTATTTGAACCTGACAGCAAACATTTTTATTCTTAC---
 Esommeri161592-Rio_Limpio CGTCCCCTAGCACGACTCTTATTTGAACCTGACAGCAAACATTTTTATTCTTAC---
 Esommeri161593-Rio_Limpio CGTCCCCTAGCACGACTCTTATTTGAACCTGACAGCAAACATTTTTATTCTTAC---
 Ewetmorei103844-Port_Salut -----

 Ewetmorei103845-Port_Salut -----

 Eabbotti101101-Sabana_de_la_Mar -----

 Eabbotti101117-Jayaco -----

 Ealcoae102626-Los_Patos -----

 Ealcoae102627-Los_Patos -----

 Ealcoae194724-Isla_Beata -----

 Ealcoae194725-Isla_Beata -----

 Ealcoae194726-Isla_Beata -----

 Ealcoae194727-Isla_Beata -----

 Ealcoae194728-Isla_Beata -----

 Ealcoae194867-Bucan_Detwi -----

 Ealcoae194868-Bucan_Detwi -----

 Ealcoae194869-Bucan_Detwi -----

 Ealcoae194871-Bucan_Detwi -----

 Ealcoae194876-Cabo_Beata -----

 Ealcoae194877-Cabo_Beata -----

 Ealcoae194878-Cabo_Beata -----

 Earmstrongi101265-Paraiso -----

 Earmstrongi102418-Cabral -----

 Earmstrongi102419-Cabral -----

 Earmstrongi102420-Cabral -----

 Earmstrongi102424-Cabral -----

Earmstrongi102425-Cabral -----

Earmstrongi160263-Te junde -----

Earmstrongi160264-Te junde -----

Earmstrongi160265-Te junde -----

Earmstrongi160266-Te junde -----

Earmstrongi160267-Te junde -----

Earmstrongi160558-Furcy -----

Earmstrongi160559-Furcy -----

Earmstrongi160560-Furcy -----

Eaudanti-sp3_102614-Cabral -----

Eaudanti-sp1_102798-El_Aguacate -----

Eaudanti-sp1_102799-El_Aguacate -----

Eaudanti-sp1_102800-El_Aguacate -----

Eaudanti-sp2_104035-Marche_Leon -----

Eaudanti104299-Seguin -----

Eaudanti104300-Seguin -----

Eaudanti104301-Marche_Leon -----

Eaudanti104370-Gros_Cheval -----

Eaudanti104372-Gros_Cheval -----

Eaudanti160543-Furcy -----

Eaudanti160544-Furcy -----

Eaudanti160545-Furcy -----

Eaudanti160546-Furcy -----

Eaudanti160547-Furcy -----

Eaudanti-sp4_160702-Les_Platons -----

Eaudanti266302-Calimete -----

Eaudanti-sp5_268612-Furcy -----

Eaudanti268684-Morne_la_visite -----

Eaudanti268685-Morne_la_visite -----

Eaudanti268686-Morne_la_visite -----

Eaudanti268687-Morne_la_visite -----

Eaudanti268688-Morne_la_visite -----

Eaudanti-sp1_102797-El_Aguacate -----

Ebrevirostris160605-Formon_Ridge -----

Ebrevirostris160607-Formon_Ridge -----

Ebrevirostris160608-Formon_Ridge -----

Eceraemerus160279-Los_Arroyos -----

Eceraemerus160308-Los_Arroyos -----

Edarlingtoni104190-Seguin -----

Edarlingtoni104192-Seguin -----

Edarlingtoni104193-Seguin -----

Edarlingtoni104386-Gros_Cheval -----

Ediplasius103763-Castillion -----

Efurcyensis160533-Furcy -----

Efurcyensis160525-Furcy -----

Efurcyensis160526-Furcy -----

Efurcyensis160535-Furcy -----

Efurcyensis160536-Furcy -----

Efurcyensis160537-Furcy -----

Efurcyensis160561-Furcy -----

Efurcyensis268623-Furcy -----

Efurcyensis268624-Furcy -----

Efurcyensis268625-Furcy -----

Efurcyensis268651-Furcy -----

Efurcyensis-sp1_102891-Los_Arroy -----

Efurcyensis-sp1_104140-Seguin -----

Efurcyensis-sp1_104141-Seguin -----

Efurcyensis-sp1_268604-Berry -----

Egrahami160730-Ca_Soleil -----

Egrahami160731-Ca_Soleil -----

Egrahami160732-Ca_Soleil -----

Egrahami160733-Ca_Soleil -----

Egrahami160807-Citadel_of_King_C -----

Egrahami160808-Citadel_of_King_C -----

Egrahami160809-La_Pierre -----

Egrahami194590-Bombardopolis -----

Eheminotal60460-Furcy -----

Eheminotal60465-Furcy -----

Eheminotal60466-Furcy -----

Einoptatus101237-Cabral -----

Einoptatus101238-Cabral -----

Einoptatus103704-Castillion -----

Einoptatus-sp1_160375-El_Valle -----

Einoptatus192000-Anse_DHainault -----

Einoptatus192607-Cabral -----

Einoptatus-sp1_193094-Batez_Pied -----

Einoptatus194350-Apolinar_Pelodr -----

Einoptatus194351-Apolinar_Pelodr -----

Einoptatus-sp1_194583-Bombardopo -----

Einoptatus-sp1_194584-Bombardopo -----

Einoptatus-sp1_194624-Bombardopo -----

Einoptatus267595-Alcoa_Road -----

Einoptatus-sp1_267765-Los_Limone -----

Einoptatus-sp1_267788-Naranjo_Ar -----

Einoptatus268569-Berry -----

Einoptatus268680-Bonga -----

Einoptatus268689-Furcy -----

Ejugans160562-Furcy -----

Eleoncei102893-El_Aguacate -----

Eleoncei192544-Puerto_Escondido -----

Eleoncsei266703-Los_Arroyos	-----
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Eleoncsei267599-Casetta_Dos	-----
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Enortoni103744-Castillion	-----
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Enortoni160538-Furcy	-----
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Enortoni160634-Plaine_Formon	-----
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Enotidodes102862-Los_Pinos	-----
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Enotidodes102890-Los_Pinos	-----
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Enotidodes266303-Calimete	-----
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Enotidodes266304-Calimete	-----
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Enotidodes266305-Calimete	-----
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Enotidodes266306-Calimete	-----
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Eoxyrhynchus103684-Castillion	-----
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Eoxyrhynchus103685-Castillion	-----
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Eoxyrhynchus103751-Castillion	-----
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Eoxyrhynchus103752-Castillion	-----
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Eoxyrhynchus103753-Castillion	-----
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Eoxyrhynchus103977-Marche_Leon	-----
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Eoxyrhynchus104114-Seguin	-----
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Eoxyrhynchus104115-Seguin	-----
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Eoxyrhynchus104116-Seguin	-----
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Eoxyrhynchus104117-Seguin	-----
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Eoxyrhynchus104118-Seguin	-----
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Eoxyrhynchus191943-Dame-Marie	-----
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Eoxyrhynchus191944-Dame-Marie	-----
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Epictissimus102623-Los_Patos	-----
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Epictissimus103608-Camp_Perrin	-----
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Epictissimus191739-Ducis	-----
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Epictissimus191780-Pestel	-----
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Epictissimus191781-Pestel	-----
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Epictissimus191782-Pestel	-----
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Epictissimus191783-Pestel	-----
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Epictissimus191896-Pestel	-----
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Epictissimus191900-Pestel	-----
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Epictissimus191901-Pestel	-----
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Epictissimus192326-Baraderes	-----
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Epictissimus-sp2_191972-Dame-Mar	-----
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Eruifemoralis160226-Tejunde	-----
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Esommeri161590-Rio_Limpio	-----
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Esommeri161591-Rio_Limpio	-----
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Esommeri161592-Rio_Limpio	-----
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Esommeri161593-Rio_Limpio	-----
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Ewetmorei103844-Port_Salut	-----
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Ewetmorei103845-Port_Salut	-----
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Eabbotti101101-Sabana_de_la_Mar	-----
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Eabbotti101117-Jayaco	-----
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Ealcoae102626-Los_Patos	-----
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Ealcoae102627-Los_Patos	-----
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Ealcoae194724-Isla_Beata	-----
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Ealcoae194725-Isla_Beata	-----
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Ealcoae194726-Isla_Beata	-----
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Ealcoae194727-Isla_Beata	-----
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Ealcoae194728-Isla_Beata	-----
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Ealcoae194867-Bucan_Detwi	-----
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Ealcoae194868-Bucan_Detwi	-----
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Ealcoae194869-Bucan_Detwi	-----
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Ealcoae194871-Bucan_Detwi	-----
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Ealcoae194876-Cabo_Beata	-----
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Ealcoae194877-Cabo_Beata	-----
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Ealcoae194878-Cabo_Beata	-----
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Earmstrongi101265-Paraiso	-----
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Earmstrongi102418-Cabral	-----
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Earmstrongi102419-Cabral	-----
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Earmstrongi102420-Cabral	-----
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Earmstrongi102424-Cabral	-----
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Earmstrongi102425-Cabral	-----
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Earmstrongi160263-Tejunde	-----
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Earmstrongi160264-Tejunde	-----
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Earmstrongi160265-Tejunde	-----
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Earmstrongi160266-Tejunde	-----
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Earmstrongi160267-Tejunde	-----
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Earmstrongi160558-Furcy	-----
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Earmstrongi160559-Furcy	-----
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Earmstrongi160560-Furcy	-----
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Eaudanti-sp3_102614-Cabral	-----
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Eaudanti-sp1_102798-El_Aguacate	-----
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Eaudanti-sp1_102799-El_Aguacate	-----
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Eaudanti-sp1_102800-El_Aguacate	-----
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Eaudanti-sp2_104035-Marche_Leon	-----
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Eaudanti104299-Seguin	-----
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Eaudanti104300-Seguin	-----
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Eaudanti104301-Marche_Leon	-----
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Eaudanti104370-Gros_Cheval	-----
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Eaudanti104372-Gros_Cheval	-----
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Eaudanti160543-Furcy	-----
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Eaudanti160544-Furcy	-----
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Eaudanti160545-Furcy	-----
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Eaudanti160546-Furcy	-----
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Eaudanti160547-Furcy	-----
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Eaudanti-sp4_160702-Les_Platons	-----
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Eaudanti266302-Calimete	-----
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Eaudanti-sp5_268612-Furcy -----

Eaudanti268684-Morne_la_visite -----

Eaudanti268685-Morne_la_visite -----

Eaudanti268686-Morne_la_visite -----

Eaudanti268687-Morne_la_visite -----

Eaudanti268688-Morne_la_visite -----

Eaudanti-sp1_102797-El_Aguacate -----

Ebrevirostris160605-Formon_Ridge -----

Ebrevirostris160607-Formon_Ridge -----

Ebrevirostris160608-Formon_Ridge -----

Eceraemerus160279-Los_Arroyos -----

Eceraemerus160308-Los_Arroyos -----

Edarlingtoni104190-Seguin -----

Edarlingtoni104192-Seguin -----

Edarlingtoni104193-Seguin -----

Edarlingtoni104386-Gros_Cheval -----

Ediplasius103763-Castillion -----

Efurcyensis160533-Furcy -----

Efurcyensis160525-Furcy -----

Efurcyensis160526-Furcy -----

Efurcyensis160535-Furcy -----

Efurcyensis160536-Furcy -----

Efurcyensis160537-Furcy -----

Efurcyensis160561-Furcy -----

Efurcyensis268623-Furcy -----

Efurcyensis268624-Furcy -----

Efurcyensis268625-Furcy -----

Efurcyensis268651-Furcy -----

Efurcyensis-sp1_102891-Los_Arroy -----

Efurcyensis-sp1_104140-Seguin -----

Efurcyensis-sp1_104141-Seguin -----

Efurcyensis-sp1_268604-Berry -----

Egrahami160730-Ca_Soleil -----

Egrahami160731-Ca_Soleil -----

Egrahami160732-Ca_Soleil -----

Egrahami160733-Ca_Soleil -----

Egrahami160807-Citadel_of_King_C -----

Egrahami160808-Citadel_of_King_C -----

Egrahami160809-La_Pierre -----

Egrahami194590-Bombardopolis -----

Eheminota160460-Furcy -----

Eheminota160465-Furcy -----

Eheminota160466-Furcy -----

Einoptatus101237-Cabral -----

Einoptatus101238-Cabral -----

Einoptatus103704-Castillion -----

Einoptatus-sp1_160375-El_Valle -----

Einoptatus192000-Anse_DHainault -----

Einoptatus192607-Cabral -----

Einoptatus-sp1_193094-Batez_Pied -----

Einoptatus194350-Apolinar_Pelodr -----

Einoptatus194351-Apolinar_Pelodr -----

Einoptatus-sp1_194583-Bombardopo -----

Einoptatus-sp1_194584-Bombardopo -----

Einoptatus-sp1_194624-Bombardopo -----

Einoptatus267595-Alcoa_Road -----

Einoptatus-sp1_267765-Los_Limone -----

Einoptatus-sp1_267788-Naranjo_Ar -----

Einoptatus268569-Berry -----

Einoptatus268680-Bonga -----

Einoptatus268689-Furcy	-----
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Eleoncei102893-El_Aguacate	-----
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Eleoncei192544-Puerto_Escondido	-----
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Eleoncei267599-Casetta_Dos	-----
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Enortoni160634-Plaine_Formon	-----
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Enotidodes102890-Los_Pinos	-----
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Enotidodes266306-Calimete	-----
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Eoxyrhynchus103751-Castillion	-----
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Eoxyrhynchus103752-Castillion	-----
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Eoxyrhynchus103753-Castillion	-----
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Eoxyrhynchus103977-Marche_Leon	-----
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Eoxyrhynchus104114-Seguin	-----
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Eoxyrhynchus104117-Seguin	-----
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Eoxyrhynchus104118-Seguin	-----
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Eoxyrhynchus191943-Dame-Marie	-----
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Eoxyrhynchus191944-Dame-Marie	-----
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Epictissimus102623-Los_Patos	-----
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Epictissimus103608-Camp_Perrin	-----
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Epictissimus191739-Ducis	-----
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Epictissimus191781-Pestel	-----
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Epictissimus191782-Pestel	-----
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Epictissimus191783-Pestel	-----
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Epictissimus191896-Pestel	-----
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Epictissimus191900-Pestel	-----
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Epictissimus191901-Pestel	-----
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Epictissimus192326-Baraderes	-----
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Epictissimus-sp2_191972-Dame-Mar	-----
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Eruifemoralis160226-Tejunde	-----
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Esommeri161590-Rio_Limpio	-----
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Esommeri161591-Rio_Limpio	-----
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Esommeri161592-Rio_Limpio	-----
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Esommeri161593-Rio_Limpio	-----
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Ewetmorei103844-Port_Salut	-----
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Ewetmorei103845-Port_Salut	-----
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Eabbotti101101-Sabana_de_la_Mar	-----
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Eabbotti101117-Jayaco	-----
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Ealcoae102626-Los_Patos	-----
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Ealcoae102627-Los_Patos	-----
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Ealcoae194724-Isla_Beata	-----
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Ealcoae194725-Isla_Beata	-----
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Ealcoae194726-Isla_Beata	-----
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Ealcoae194727-Isla_Beata	-----
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Ealcoae194728-Isla_Beata	-----
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Ealcoae194867-Bucan_Detwi	-----
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Ealcoae194868-Bucan_Detwi	-----
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Ealcoae194869-Bucan_Detwi	-----
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Ealcoae194871-Bucan_Detwi	-----
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Ealcoae194876-Cabo_Beata -----

Ealcoae194877-Cabo_Beata -----

Ealcoae194878-Cabo_Beata -----

Earmstrongi101265-Paraiso -----

Earmstrongi102418-Cabral -----

Earmstrongi102419-Cabral -----

Earmstrongi102420-Cabral -----

Earmstrongi102424-Cabral -----

Earmstrongi102425-Cabral -----

Earmstrongi160263-Tejunde -----

Earmstrongi160264-Tejunde -----

Earmstrongi160265-Tejunde -----

Earmstrongi160266-Tejunde -----

Earmstrongi160267-Tejunde -----

Earmstrongi160558-Furcy -----

Earmstrongi160559-Furcy -----

Earmstrongi160560-Furcy -----

Eaudanti-sp3_102614-Cabral -----

Eaudanti-sp1_102798-El_Aguacate -----

Eaudanti-sp1_102799-El_Aguacate -----

Eaudanti-sp1_102800-El_Aguacate -----

Eaudanti-sp2_104035-Marche_Leon -----

Eaudanti104299-Seguin -----

Eaudanti104300-Seguin -----

Eaudanti104301-Marche_Leon -----

Eaudanti104370-Gros_Cheval -----

Eaudanti104372-Gros_Cheval -----

Eaudanti160543-Furcy -----

Eaudanti160544-Furcy -----

Eaudanti160545-Furcy -----

Eaudanti160546-Furcy	-----
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Eaudanti160547-Furcy	-----
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Eaudanti-sp4_160702-Les_Platons	-----
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Eaudanti266302-Calimete	-----
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Eaudanti-sp5_268612-Furcy	-----
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Eaudanti268684-Morne_la_visite	-----
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Eaudanti268685-Morne_la_visite	-----
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Eaudanti268686-Morne_la_visite	-----
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Eaudanti268687-Morne_la_visite	-----
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Eaudanti268688-Morne_la_visite	-----
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Eaudanti-sp1_102797-El_Aguacate	-----
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Ebrevirostris160605-Formon_Ridge	-----
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Ebrevirostris160607-Formon_Ridge	-----
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Ebrevirostris160608-Formon_Ridge	-----
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Eceraemerus160279-Los_Arroyos	-----
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Eceraemerus160308-Los_Arroyos	-----
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Edarlingtoni104190-Seguin	-----
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Edarlingtoni104192-Seguin	-----
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Edarlingtoni104193-Seguin	-----
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Edarlingtoni104386-Gros_Cheval	-----
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Ediplasius103763-Castillion	-----
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Efurcyensis160533-Furcy	-----
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Efurcyensis160525-Furcy	-----
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Efurcyensis160526-Furcy	-----
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Efurcyensis160535-Furcy	-----
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Efurcyensis160536-Furcy	-----
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Efurcyensis160537-Furcy	-----
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Efurcyensis160561-Furcy	-----
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Efurcyensis268623-Furcy	-----
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Efurcyensis268624-Furcy	-----
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Efurcyensis268625-Furcy -----

Efurcyensis268651-Furcy -----

Efurcyensis-spl_102891-Los_Arroy -----

Efurcyensis-spl_104140-Seguin -----

Efurcyensis-spl_104141-Seguin -----

Efurcyensis-spl_268604-Berry -----

Egrahami160730-Ca_Soleil -----

Egrahami160731-Ca_Soleil -----

Egrahami160732-Ca_Soleil -----

Egrahami160733-Ca_Soleil -----

Egrahami160807-Citadel_of_King_C -----

Egrahami160808-Citadel_of_King_C -----

Egrahami160809-La_Pierre -----

Egrahami194590-Bombardopolis -----

Eheminotal60460-Furcy -----

Eheminotal60465-Furcy -----

Eheminotal60466-Furcy -----

Einoptatus101237-Cabral -----

Einoptatus101238-Cabral -----

Einoptatus103704-Castillion -----

Einoptatus-spl_160375-El_Valle -----

Einoptatus192000-Anse_DHainault -----

Einoptatus192607-Cabral -----

Einoptatus-spl_193094-Batez_Pied -----

Einoptatus194350-Apolinar_Pelodr -----

Einoptatus194351-Apolinar_Pelodr -----

Einoptatus-spl_194583-Bombardopo -----

Einoptatus-spl_194584-Bombardopo -----

Einoptatus-spl_194624-Bombardopo -----

Einoptatus267595-Alcoa_Road -----

Einoptatus-sp1_267765-Los_Limone -----

Einoptatus-sp1_267788-Naranjo_Ar -----

Einoptatus268569-Berry -----

Einoptatus268680-Bonga -----

Einoptatus268689-Furcy -----

Ejugans160562-Furcy -----

Eleoncei102893-El_Aguacate -----

Eleoncei192544-Puerto_Escondido -----

Eleoncei266703-Los_Arroyos -----

Eleoncei267599-Casetta_Dos -----

Enortoni103744-Castillion -----

Enortoni160538-Furcy -----

Enortoni160634-Plaine_Formon -----

Enotidodes102862-Los_Pinos -----

Enotidodes102890-Los_Pinos -----

Enotidodes266303-Calimete -----

Enotidodes266304-Calimete -----

Enotidodes266305-Calimete -----

Enotidodes266306-Calimete -----

Exyrrhynchus103684-Castillion -----

Exyrrhynchus103685-Castillion -----

Exyrrhynchus103751-Castillion -----

Exyrrhynchus103752-Castillion -----

Exyrrhynchus103753-Castillion -----

Exyrrhynchus103977-Marche_Leon -----

Exyrrhynchus104114-Seguin -----

Exyrrhynchus104115-Seguin -----

Exyrrhynchus104116-Seguin -----

Exyrrhynchus104117-Seguin -----

Exyrrhynchus104118-Seguin -----

Eoxyrhynchus191943-Dame-Marie	-----
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Eoxyrhynchus191944-Dame-Marie	-----
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Epictissimus102623-Los_Patos	-----
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Epictissimus103608-Camp_Perrin	-----
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Epictissimus191739-Ducis	-----
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Epictissimus191780-Pestel	-----
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Epictissimus191783-Pestel	-----
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Epictissimus191896-Pestel	-----
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Epictissimus191900-Pestel	-----
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Epictissimus191901-Pestel	-----
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Epictissimus192326-Baraderes	-----
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Epictissimus-sp2_191972-Dame-Mar	-----
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Eruifemoralis160226-Tejunde	-----
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Esommeril61590-Rio_Limpio	-----
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Esommeril61592-Rio_Limpio	-----
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Esommeril61593-Rio_Limpio	-----
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Ewetmorei103844-Port_Salut	-----
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Ewetmorei103845-Port_Salut	-----
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Eabbotti101101-Sabana_de_la_Mar	-----
Eabbotti101117-Jayaco	-----
Ealcoae102626-Los_Patos	-----
Ealcoae102627-Los_Patos	-----
Ealcoae194724-Isla_Beata	-----
Ealcoae194725-Isla_Beata	-----
Ealcoae194726-Isla_Beata	-----
Ealcoae194727-Isla_Beata	-----
Ealcoae194728-Isla_Beata	-----
Ealcoae194867-Bucan_Detwi	-----
Ealcoae194868-Bucan_Detwi	-----
Ealcoae194869-Bucan_Detwi	-----
Ealcoae194871-Bucan_Detwi	-----
Ealcoae194876-Cabo_Beata	-----
Ealcoae194877-Cabo_Beata	-----
Ealcoae194878-Cabo_Beata	-----
Earmstrongi101265-Paraiso	-----
Earmstrongi102418-Cabral	-----

Earmstrongi102419-Cabral
 Earmstrongi102420-Cabral
 Earmstrongi102424-Cabral
 Earmstrongi102425-Cabral
 Earmstrongi160263-Te junde
 Earmstrongi160264-Te junde
 Earmstrongi160265-Te junde
 Earmstrongi160266-Te junde
 Earmstrongi160267-Te junde
 Earmstrongi160558-Furcy
 Earmstrongi160559-Furcy
 Earmstrongi160560-Furcy
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 Eaudanti-sp1_102798-El_Aguacate
 Eaudanti-sp1_102799-El_Aguacate
 Eaudanti-sp1_102800-El_Aguacate
 Eaudanti-sp2_104035-Marche_Leon
 Eaudanti104299-Seguin
 Eaudanti104300-Seguin
 Eaudanti104301-Marche_Leon
 Eaudanti104370-Gros_Cheval
 Eaudanti104372-Gros_Cheval
 Eaudanti160543-Furcy
 Eaudanti160544-Furcy
 Eaudanti160545-Furcy
 Eaudanti160546-Furcy
 Eaudanti160547-Furcy
 Eaudanti-sp4_160702-Les_Platons
 Eaudanti266302-Calimete
 Eaudanti-sp5_268612-Furcy
 Eaudanti268684-Morne_la_visite
 Eaudanti268685-Morne_la_visite
 Eaudanti268686-Morne_la_visite
 Eaudanti268687-Morne_la_visite
 Eaudanti268688-Morne_la_visite
 Eaudanti-sp1_102797-El_Aguacate
 Ebrevirostris160605-Formon_Ridge
 Ebrevirostris160607-Formon_Ridge
 Ebrevirostris160608-Formon_Ridge
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 Eceraemerus160308-Los_Arroyos
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 Edarlingtoni104192-Seguin
 Edarlingtoni104193-Seguin
 Edarlingtoni104386-Gros_Cheval
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 Efurcensis160525-Furcy
 Efurcensis160526-Furcy
 Efurcensis160535-Furcy
 Efurcensis160536-Furcy
 Efurcensis160537-Furcy
 Efurcensis160561-Furcy
 Efurcensis268623-Furcy
 Efurcensis268624-Furcy
 Efurcensis268625-Furcy
 Efurcensis268651-Furcy
 Efurcensis-sp1_102891-Los_Arroy
 Efurcensis-sp1_104140-Seguin
 Efurcensis-sp1_104141-Seguin
 Efurcensis-sp1_268604-Berry

Egrahami160730-Ca_Soleil -----
 Egrahami160731-Ca_Soleil -----
 Egrahami160732-Ca_Soleil -----
 Egrahami160733-Ca_Soleil -----
 Egrahami160807-Citadel_of_King_C -----
 Egrahami160808-Citadel_of_King_C -----
 Egrahami160809-La_Pierre -----
 Egrahami194590-Bombardopolis -----
 Eheminotal60460-Furcy -----
 Eheminotal60465-Furcy -----
 Eheminotal60466-Furcy -----
 Einoptatus101237-Cabral -----
 Einoptatus101238-Cabral -----
 Einoptatus103704-Castillion -----
 Einoptatus-sp1_160375-El_Valle -----
 Einoptatus192000-Anse_DHainault -----
 Einoptatus192607-Cabral -----
 Einoptatus-sp1_193094-Batez_Pied -----
 Einoptatus194350-Apolinar_Pelodr -----
 Einoptatus194351-Apolinar_Pelodr -----
 Einoptatus-sp1_194583-Bombardopo -----
 Einoptatus-sp1_194584-Bombardopo -----
 Einoptatus-sp1_194624-Bombardopo -----
 Einoptatus267595-Alcoa_Road -----
 Einoptatus-sp1_267765-Los_Limone -----
 Einoptatus-sp1_267788-Naranjo_Ar -----
 Einoptatus268569-Berry -----
 Einoptatus268680-Bonga -----
 Einoptatus268689-Furcy -----
 Ejugans160562-Furcy -----
 Eleoncei102893-El_Aguacate -----
 Eleoncei192544-Puerto_Escondido -----
 Eleoncei266703-Los_Arroyos -----
 Eleoncei267599-Casetta_Dos -----
 Enortoni103744-Castillion -----
 Enortoni160538-Furcy -----
 Enortoni160634-Plaine_Formon -----
 Enotidodes102862-Los_Pinos -----
 Enotidodes102890-Los_Pinos -----
 Enotidodes266303-Calimete -----
 Enotidodes266304-Calimete -----
 Enotidodes266305-Calimete -----
 Enotidodes266306-Calimete -----
 Eoxyrhynchus103684-Castillion -----
 Eoxyrhynchus103685-Castillion -----
 Eoxyrhynchus103751-Castillion -----
 Eoxyrhynchus103752-Castillion -----
 Eoxyrhynchus103753-Castillion -----
 Eoxyrhynchus103977-Marche_Leon -----
 Eoxyrhynchus104114-Seguin -----
 Eoxyrhynchus104115-Seguin -----
 Eoxyrhynchus104116-Seguin -----
 Eoxyrhynchus104117-Seguin -----
 Eoxyrhynchus104118-Seguin -----
 Eoxyrhynchus191943-Dame-Marie -----
 Eoxyrhynchus191944-Dame-Marie -----
 Epictissimus102623-Los_Patos -----
 Epictissimus103608-Camp_Perrin -----
 Epictissimus191739-Ducis -----
 Epictissimus191780-Pestel -----
 Epictissimus191781-Pestel -----

Epictissimus191782-Pestel	-----
Epictissimus191783-Pestel	-----
Epictissimus191896-Pestel	-----
Epictissimus191900-Pestel	-----
Epictissimus191901-Pestel	-----
Epictissimus192326-Baraderes	-----
Epictissimus-sp2_191972-Dame-Mar	-----
Erufifemoralis160226-Tejunde	-----
Esommeri161590-Rio_Limpio	-----
Esommeri161591-Rio_Limpio	-----
Esommeri161592-Rio_Limpio	-----
Esommeri161593-Rio_Limpio	-----
Ewetmorei103844-Port_Salut	-----
Ewetmorei103845-Port_Salut	-----

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