DNA barcoding a nightmare taxon: Assessing barcode index numbers and barcode gaps for sweat bees

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1 **DNA barcoding a nightmare taxon: Assessing barcode index numbers and barcode gaps**
2 **for sweat bees**

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Abstract

There is an ongoing campaign to DNA barcode the world's >20,000 bee species. Recent revisions of *Lasioglossum* (*Dialictus*) (Hymenoptera: Halictidae) for Canada and the eastern United States were completed using integrative taxonomy. DNA barcode data from 110 species of *L. (Dialictus)* are examined for their value in identification and discovering additional taxonomic diversity. Specimen identification success was estimated using the best close match method. Error rates were 20% relative to current taxonomic understanding. Barcode Index Numbers (BINs) assigned using Refined Single Linkage Analysis (RESL) and 'barcode gaps' using the Automatic Barcode Gap Discovery (ABGD) method were also assessed. RESL is incongruent for 44.5% species, although some cryptic diversity may exist. Forty-three of 110 species were part of merged BINs with multiple species. The barcode gap is non-existent for the data set as a whole and ABGD showed levels of discordance similar to the RESL. The 'viridatum species-group' is particularly problematic, so that DNA barcodes alone would be misleading for species delimitation and specimen identification. Character-based methods using fixed nucleotide substitutions could improve specimen identification success in some cases. The use of DNA barcoding for species discovery for standard taxonomic practice in the absence of a well-defined 'barcode gap' is discussed.

Keywords. Apoidea, Hymenoptera, identification, species delimitation, taxonomy

40 Introduction

41 DNA barcoding is a method for identifying biological samples to species using the sequence of a
42 standardized gene fragment (Hebert et al. 2003a, Hebert and Gregory 2005). DNA barcoding
43 standards for animals require sequencing a fragment of mitochondrial cytochrome *c* oxidase
44 subunit 1 not less than 500 bp in length (Hebert et al. 2003a, Hubert et al. 2008), although shorter
45 fragments also can be used for identification (Hajibabaei et al. 2006b) and individual nucleotide
46 substitutions can be diagnostic (Burns et al. 2007, Gibbs 2009b). DNA barcodes are also
47 commonly used to aid in the delimitation of species boundaries (Gibbs 2009a, Rehan and
48 Sheffield 2011, González-Vaquero et al. 2016b, Packer and Ruz 2017). I prefer to use the terms
49 ‘specimen identification’ and ‘species discovery’ (Collins and Cruickshank 2012) to prevent
50 confusion over the more ambiguous term ‘species identification’.

51 DNA barcoding for specimen identification works by comparing unknown samples to a
52 database of sequences generated from identified material available on GenBank and the Barcode
53 of Life Data System (BOLD; Ratnasingham & Hebert 2007). BOLD is the product of
54 collaboration between computer programmers, molecular biologists and taxonomists (Smith et
55 al. 2005, Hajibabaei et al. 2005, Ratnasingham and Hebert 2007). Taxonomists provide the
56 scientific context for sequence data used for specimen identification (Goldstein and DeSalle
57 2011). The advantage of this enterprise from the taxonomists’ perspective is a potential wealth of
58 molecular data that can be used to test hypotheses of species limits (DeSalle et al. 2005). The
59 combination of traditional taxonomic approaches with molecular methods can create a
60 ‘taxonomic feedback loop’, which can lead to species discovery and more well resolved
61 taxonomies (Page et al. 2005). Inclusion of molecular data in taxonomic studies is one part of a

broader integrative approach to the science sometimes referred to as ‘integrative taxonomy’ (Dayrat 2005).

DNA barcoding success is often related to the presence of a barcoding ‘gap’ (Meyer and Paulay 2005). If genetic divergence within species does not overlap with divergence between congeners then DNA barcodes can identify specimens effectively. DNA barcoding loses efficacy when the barcoding ‘gap’ becomes small or absent (Meyer and Paulay 2005). Sequence divergence thresholds such as 2 or 3% have been suggested for grouping specimens into provisional species (Hebert et al. 2004b, Smith et al. 2005). High success rates using similar thresholds have been reported for some taxa (Hebert et al. 2003b, 2004b, Barrett and Hebert 2005), but would not be sufficient for some species-complexes, including groups of butterflies (Hebert et al. 2004a), flies (Meier et al. 2006, Virgilio et al. 2012), and bees (Gibbs 2009a, 2009b, Almeida et al. 2009). DNA barcoding thresholds work best if matched to the specific taxon library (Meier et al. 2006). A regression method for determining *ad hoc* thresholds for DNA barcoding libraries has been proposed (Virgilio et al. 2012). An alternative to sequence divergence thresholds is to use diagnostic nucleotide substitutions or unique patterns of nucleotide polymorphism for identifying closely related species (DeSalle et al. 2005, Goldstein and DeSalle 2011, Gibbs et al. 2013).

Ratnasingham and Hebert (2013) recently developed the Barcode Index Number (BIN) system for categorizing DNA barcodes into operational taxonomic units (OTUs) in the absence of taxonomic information. BINs are assigned using Refined Single Linkage Analysis (RESL), an algorithm that doesn’t use prior taxonomic knowledge (Ratnasingham and Hebert 2013). RESL uses a 2.2% threshold of sequence divergence to delimit preliminary OTUs and then refines them using a graphical Markov clustering analysis (Ratnasingham and Hebert 2013). A BIN can have

four possible relationships for any species pair, which Ratnasingham and Hebert (2013) refer to as ‘match’, ‘split’, ‘merge’ and ‘mixture’ (their figure 1). When traditional taxonomy and BINs are concordant, they are said to ‘match’. Splits occur when single species are assigned multiple BINs. Merging occurs when a single BIN number is assigned to two or more species, what has long been referred to informally as ‘lumping’. In the ‘mixture’ scenario, two BINs are assigned to two species, but sequences of at least one species fall into both BINs. Merging and mixture of BINs may occur in situations of introgression, incomplete lineage sorting, or if species are inappropriately assigned too many names (Rheindt et al. 2009). Other methods have been developed for assigning OTUs using sequence data (Pons et al. 2006), including the Automatic Barcode Gap Discovery (ABGD) method (Puillandre et al. 2012). ABGD is similar to RESL in that it defines preliminary OTUs by inferring a barcode gap and then refines partitions recursively allowing for different barcode gaps across the dataset. ABGD has been used in several barcoding studies, typically using default or slightly modified settings (Hendrixson et al. 2013, Kekkonen and Hebert 2014).

Bees (Hymenoptera: Apoidea: Anthophila) are the most important pollinators of flowering plants (Klein et al. 2007, Ollerton et al. 2011). Pollination services provided by bees are crucial for most terrestrial ecosystem functioning and much of agricultural production (Klein et al. 2007). Bees are also potentially valuable as indicator taxa of ecosystem health (Zayed et al. 2004), which stems from their increased extinction risk due to a haplodiploid sex determination mechanism (Zayed and Packer 2005, Zayed 2009). Haplodiploidy also has potential impacts on the rates of mitochondrial introgression (Patten et al. 2015), which may reduce the utility of DNA barcodes in species that hybridize (Nicholls et al. 2012, Patten et al. 2015). Nevertheless, DNA barcodes have been used successfully in bees for faunal studies (Sheffield et al. 2009,

Magnacca and Brown 2012, Schmidt et al. 2015, Packer and Ruz 2017), species and subspecies discovery and delimitation (Gibbs 2009a, Rehan and Sheffield 2011, Pauly et al. 2015, González-Vaquero et al. 2016a, Sheffield et al. 2016), and specimen identification (Sheffield et al. 2011).

I examine DNA barcode data generated for a group of taxonomically challenging bees in North America using BINs and barcode gaps. Sweat bees (Hymenoptera: Halictidae) have been called ‘morphologically monotonous’ (Michener 1974) and ‘the despair of taxonomists’ (Wheeler 1928), and the large subgenus *Lasioglossum* (*Dialictus*) is notoriously the most difficult to identify to species. *Lasioglossum* (*Dialictus*) are extremely abundant in surveys of North American bees (MacKay and Knerer 1979, Gixti and Packer 2006, Campbell et al. 2007, Droege et al. 2010, Ngo et al. 2013), making identification tools crucial for studies of bee diversity. Thousands of *L. (Dialictus)* are collected each year in North America, but taxonomic keys have only become available recently for a subset of species based on geographic regions (Gibbs 2009b, 2010a, 2011). Consequently, many studies have been published for which *L. (Dialictus)* specimens are unidentified or misidentified (Kalhorn et al. 2003, Giles and Ascher 2006, Gixti and Packer 2006, Kearns and Oliveras 2009, Smith et al. 2012a, Wheelock and O’Neal 2016). A very small pool of taxonomists is available to provide reliable identifications to this group, limited primarily to species included in recent revisions (Gibbs 2010a, 2011, Gibbs et al. 2013). DNA barcodes have proven useful for facilitating species discovery within small species groups of *L. (Dialictus)* in the past (Gibbs 2009a, 2009b), and they have the potential to aid in the identification of difficult taxa for which taxonomic expertise is limited (Hebert et al. 2003a, Packer et al. 2009).

Lasioglossum (Dialictus) has a nearly cosmopolitan distribution including nearly the entire Nearctic, Neotropical, Palaearctic and Afrotropical regions. The genus as a whole has a relatively recent origin (31 Mya, 95CI 24–48 Mya) (Gibbs et al. 2012), which has diversified rapidly into more than 1800 described species (Gibbs et al. 2012, Ascher and Pickering 2016). The genus has not been revised for many parts of the world (Michener 2007), so the total species richness may be much higher. The recent and rapid diversification of *Lasioglossum* is likely to blame for taxonomic challenges associated with the genus (Gibbs et al. 2012, Groom et al. 2013). In addition, sexual dimorphism and caste variation within *Lasioglossum* has led to taxonomic errors in the past (Knerer and Atwood 1964). It is unclear why *Lasioglossum* has diversified so rapidly, but their generalist nature seems to allow them to thrive in varied conditions. The small body size of *L. (Dialictus)* may also allow for geographic isolation of populations and subsequent speciation.

I restricted the study of *L. (Dialictus)* DNA barcoding to the species occurring in Canada and the United States for two reasons. There have been recent revisions of *L. (Dialictus)* in these two areas (Gibbs 2010a, 2011) and DNA barcode data for these species are most complete. The species in these regions as currently defined were based on an integrative approach using an evolutionary species concept. Data used in delimiting species included morphology, DNA barcodes, ecology, and geography (Gibbs 2009a, 2010a, 2011). These data were used in combination to corroborate taxonomic hypotheses (DeSalle et al. 2005). In cases where corroboration failed, individuals or populations were considered conspecific. Species were not defined by a single character where polymorphism could not be distinguished from species level differences. Some highly variable species were considered tentative species complexes in need of additional study (Gibbs 2010a).

Given that taxonomic information is lacking globally, including western North America, I explore the effectiveness of molecular methods for identifying specimens and inferring species boundaries in this group. Both RESL and ABGD have been reported to be relatively successful for delimiting species boundaries using public data sets (Puillandre et al. 2012, Ratnasingham and Hebert 2013, Kekkonen and Hebert 2014), but these have often been across broader taxon groups where the taxonomy overall is less problematic. I focus attention on whether current DNA barcode data are sufficient for identification and delimitation of *L. (Dialictus)* specimens based upon the best close match method (Virgilio et al. 2012) and the BIN system. I also address remaining taxonomic issues in the group and the use of DNA barcodes for species delimitation in a difficult taxon.

Materials and methods

Data set

Compliant DNA barcodes for 110 species were generated concurrently with traditional taxonomic study that culminated in taxonomic monographs on *L. (Dialictus)* for Canada (Gibbs 2010a) and the eastern United States (Gibbs 2011). Species limits used herein were based on morphological study of many specimens, including name-bearing types, and through integrative approaches that incorporated barcode data with morphology and geography (Gibbs 2009a). Specimens were sequenced from the greatest possible geographic range of each species so that some sequences originate from specimens collected outside the geographic boundaries of Canada and the eastern United States. Whenever possible, samples were included from the type locality or as close as was possible. In delimiting species, sequence divergence from DNA barcodes in the absence of other supporting evidence was not considered sufficient to justify recognition of

175 species (Gibbs 2010a, 2011). Instead, such situations were considered candidate species
176 complexes in need of additional study, such as examination of nuclear loci (Carman and Packer
177 1996, Danforth et al. 1998).

178 The DNA barcoding methods were described in previous studies of *Lasioglossum* (Gibbs
179 2009a, 2009b, Gibbs et al. 2013). Briefly, sequencing was performed at the Canadian Centre for
180 DNA Barcoding at the University of Guelph (Guelph, Ontario). DNA extractions were
181 performed using standard methods for 96-well plates (Ivanova et al. 2006). Either a single hind
182 leg or both the middle and hind leg (for small specimens) from the right side were used for
183 extractions. “Universal” primer pairs were used to amplify the DNA barcode region; either
184 LCO1490 and HCO2198 (Folmer et al. 1994) or the variants LepF1 and LepR1 (Hebert et al.
185 2004a). LepF1 and LepR1 are variations of the Folmer primers designed for Lepidoptera and
186 often used for DNA barcoding Insecta. The LepR1 primer has since been shown to be a poor fit
187 for halictid bees (Smith et al. 2012b). Samples that failed to amplify were then reattempted using
188 internal primer pairs LepF1 and C_AntMr1D-RonIIdeg_R and LepR1 with MLepF1. (Hajibabaei
189 et al. 2006b, Smith et al. 2007). PCR and sequencing reactions followed standard protocols
190 (Hajibabaei et al. 2005). Sequences were uploaded to the Barcode of Life Data Systems (BOLD)
191 (Ratnasingham and Hebert 2007) and GenBank (accession numbers in prep.).

192 A full-length barcode sequence for these bees is 658 bp. Since internal primers were
193 often necessary, many sequences did not approach this length. To limit spurious results from
194 small sequence overlap I limited most data analyses to barcode-compliant sequences greater than
195 500 bp, with two or more trace files, meeting minimum recommended standards for DNA
196 barcoding (Hubert et al. 2008). Samples were also excluded from analyses if they had more than
197 1% ambiguous base calls. Any sequences with stop codons or showing evidence of

contamination (e.g., best match sequence identity to non-bee taxa or other bee genera than to *Lasioglossum*) were also removed from the dataset. A larger number of non-compliant sequences and extra-limital species are also available on BOLD. These are not analyzed fully, but are referenced with respect to their inclusion in BINs and their potential effects on successful identification using DNA barcodes.

Sequences were downloaded from BOLD and realigned using MUSCLE (Edgar 2004) with default settings (gap penalty of -400 and extension penalty of -0.01) as implemented by MEGA7 (Kumar et al. 2016). Re-alignment was necessary to remove seven inappropriate insertion/deletions in the sequences generated in the BOLD alignment. The final alignment had no indels or stop codons. Aligned sequences were renamed in MESQUITE (Maddison and Maddison 2017) for compatibility with downstream analyses.

Specimen identification

Statistical analyses were conducted using R version 2.3.3 (R Core Team 2015), unless otherwise specified. The minimum interspecific and maximum intraspecific genetic distances for each species were calculated using the *nonConDist* and *maxInDist* functions in the *spider* package (Brown et al. 2012) using a Kimura two-parameter model of substitution (Kimura 1980). To assess the potential barcode gap, we examined the proportion of cases where minimum interspecific distance was greater than intraspecific distance for each sequence. The identification success rate was estimated using the best close match method (Meier et al. 2006) implemented by the *threshOpt* function. The *ad hoc* package (Sonet et al. 2013) was also used to assess the identification success rate and optimal threshold values for the DNA barcoding library based on the methods described by Virgilio et al. (2012). The *checkDNAbcd* function was used

with a Kimura two-parameter model to calculate pairwise distances. Identification error rates using the best close match method were determined using the *adhocTHR* function. Diagnostic nucleotide substitutions were determined for species complexes using the function *nucDiag* in the *spider* package for species with merged BINs.

Species discovery

BOLD automatically implements RESL to group sequences into BINs (Ratnasingham and Hebert 2013). BIN contents were compared to currently accepted species limits to determine the congruence of RESL to integrative taxonomic assignment of species limits. In addition, the Automatic Barcode Gap Discovery method (Puillandre et al. 2012) was used to estimate species limits using the online web application (<http://www.wabi.snv.jussieu.fr/public/abgd/abgdweb.html>, accessed 18 Jul 2017). The results of our optimal threshold analyses were used to improve *a priori* input values for intraspecific diversity limits (*P*) and minimum gap width (*X*). Default values of *P* between 0.001 and 0.1 were used. The number of steps was set to 20. Several values of *X* from 0.1 to 1.5 were evaluated. Simple distances are reported as these seemed to perform better than the Jukes-Cantor or Kimura 2-parameter method (Srivathsan and Meier 2011). ABGD output includes several options for partitioning the data over values of *P*. The preferred partition was selected using an intermediate value of *P* after an initial steep decline in number of species estimated (Puillandre et al. 2012).

Results

Data set

In total, 1279 DNA barcode-compliant sequences were generated for *L. (Dialictus)* species revised in Canada and the eastern United States (supplementary table). Sequences had a

strong AT bias in the 3rd codon position (GC content: 7.1 ± 0.07 SE). One hundred and ten species identified using integrative approaches were included (11.6 ± 1.3 sequences per species, range = 1–97). The mean number of haplotypes per species was 5.2 ± 0.46 (range 1–24). Mean maximum intraspecific distance was $1.69 \pm 0.05\%$ (range 0–7.5%), excluding singletons, while the mean minimum interspecific distance was $2.60 \pm 0.21\%$ (range 0–11.5%).

Specimen identification

The DNA barcoding threshold with the lowest relative error (20.3%) in comparison to current taxonomy was 1.4% based on the methods of Virgilio et al. (2012). The best match method implemented in *spider* resulted in an optimal threshold of 0.2–0.3%, but an overall error rate of 33.3%. Eleven species were represented by a single DNA barcode sequence, necessitating a false positive identification using the best match method. However, these species only made up a small proportion of the false positives and removing them from analyses did not improve results. For nine of these species the distance to their best match was greater than the *ad hoc* threshold of 1.4% (mean $3.2 \pm 0.5\%$) suggesting that with additional sampling these species would be correctly identified. The singleton *L. reticulatum* (Robertson) differed from its closest match *L. bruneri* (Crawford) by 1.3%. Of the singletons, only *L. alachuense* (Mitchell) had no local gap with its closest match *L. oblongum* (Lovell). An analysis of species monophyly using neighbour joining revealed that 30 of the 110 species were non-monophyletic. Diagnostic nucleotide substitutions were found for a subset of problematic species that could allow identification using these characters (Table 3).

Species discovery

Ninety-four BINs corresponded to these 110 species in the data set, comprising 61 ‘matches’ (Table 1), 6 ‘splits’ (Table 2), 43 ‘merged’ (Table 3) and 6 ‘mixed’ BINs (Tables 2 and 3). Species with minimum interspecific distance greater than 1.4% usually (85%) showed concordance between traditional taxonomy and BINs (Fig. 1). Four species above this cut-off had multiple BINs suggestive of cryptic species and two species were morphologically distinct singletons grouped with the *viridatum* species complex.

The ABGD performed poorly with the Jukes-Cantor and Kimura 2-parameter when the relative gap width value (X) was greater than one. The results from simple p-distances were less impacted by values of X and more often estimated species richness similar to integrative taxonomy. The simple distance ABGD results with relative gap width set to 1.0 are summarized in Tables 1–3. The performance of ABGD was comparable to RESL. Examining pairwise distances across DNA barcode-compliant sequences reveals no definitive DNA barcode gap (Fig. 2).

Species with ‘merged’ BINs were sometimes identifiable using fixed nucleotide substitutions, although they did not show clear barcode gaps (Table 3). For example, *Lasioglossum knereri* Gibbs and *L. subversans* (Mitchell) were grouped together in both the ABGD and RESL analyses, but they are distinguished by four fixed nucleotide substitutions. In the case of the *L. viridatum* (Lovell) species complex, 19 morphospecies with barcode-compliant sequences were combined in a single BIN. Three of these could be distinguished from all others by fixed substitutions and four were treated as distinct groups in the ABGD analysis (Table 3). The remaining species lacked fixed differences with one or more species in the complex. One putative species in this complex, *L. subviridatum* (Cockerell), shows two distinct DNA barcode clusters, with 15 fixed nucleotide substitutions between them. Treated as a single species, as is

currently the situation, the consensus sequence shows substantial overlap with other *L. viridatum* group species, with 0 fixed substitutions with 8 other species in the group (mean 2.1). If *L. subviridatum* were ultimately treated as two species, which seems plausible, only two other species in the *viridatum* complex would show zero fixed substitutions with either of the candidate species (mean 8.1). These results imply that even if *L. subviridatum* is maintained as a single species other taxa in the species group could be distinguished from it based on unique patterns of polymorphism.

In other species with merged BINs, many are distinguishable by one or more fixed nucleotide substitutions. The exceptions are *L. callidum* (Sandhouse) and *L. versatum* (Robertson), which show identical barcode haplotypes; *L. leucomum* (Lovell) and *L. succinipenne* (Ellis); *L. puteulanum* Gibbs and *L. tegulare* (Robertson), and the group of *L. hitchensi* Gibbs, *L. leviense* (Mitchell) and *L. weemsi* (Mitchell). In combination with the *L. viridatum* group above, 21 of 110 species are not readily identifiable using DNA barcodes even when considering single base pair substitutions. In the case of *L. puteulanum* and *L. tegulare*, the majority of individuals are readily distinguishable, but four individuals that seem to match *L. tegulare* morphologically group with *L. puteulanum* based on barcodes. The range of these individuals might indicate that there may be unresolved aspects of the taxonomy of this complex. Similarly, *L. weemsi* is distinguishable from all but one individual of each of *L. leviense* and *L. hitchensi*. The morphological identifications have been carefully checked multiple times, so the discrepancy is either due to unreliability of the distinguishing anatomical traits or the barcode sequences. Cross-contamination of samples within a plate is a possibility, although attempts were made to keep closely related species and putative conspecifics well separated within a plate.

Some species have BINs and ABGD groups congruent with taxonomic species delimitation, but may have incongruence with extra-limital species. The eastern North American species *L. trigeminum* Gibbs has distinct barcodes from the morphologically similar species *L. versatum* and *L. callidum*. However, *L. connexum* (Cresson), a species found in Texas and therefore not treated in previous revisions, has only a single nucleotide difference from *L. trigeminum*, but due to insufficient amplification success in *L. connexum*, it remains unclear if that difference is fixed.

Discussion

The value of DNA barcodes in an integrative taxonomic approach is difficult to quantify retroactively. Species delimitation is a process that occurs over time as taxonomists familiarize themselves with a taxon and gather evidence from multiple sources. In the context of *L. (Dialictus)*, the availability of an independent data set was invaluable even in cases where RESL and ABGD were deemed unsuccessful. As an illustration, I describe the situation of *L. ephialtum* Gibbs, which has a specific epithet that literally means ‘nightmare’ in Greek. *Lasioglossum ephialtum* was not described until 2010, but it is a relatively common species, particularly in urban areas (Gibbs 2010a). The species was often misidentified as *L. versatum* (or the junior synonym *rohweri* Ellis) by earlier workers leading to confusion over the diagnostic characters for *L. versatum*. Although DNA barcodes of *L. ephialtum* are not easily distinguished from those of members of the *L. viridatum* species group, they are clearly distinct from *L. versatum*, which helped to clarify the latter species’ limits. Other advantages of incorporating DNA barcodes into these revisions was the ability to associate dimorphic sexes and female castes (Gibbs 2010a). Many *Lasioglossum* are social with queens and workers, which can be so different that they have been described as distinct species (Knerer and Atwood 1964), and nearly two thirds of North

331 American *L. (Dialictus)* prior to recent revisionary studies were described from a single sex
332 (Moure and Hurd 1987).

333 DNA barcodes may also benefit taxonomy by showing clear variation in morphologically
334 distinct species that were often not recognized due to insufficient study. Species with distinct
335 characters in otherwise problematic taxa may not be scrutinized as closely and incorrectly
336 lumped (Packer and Taylor 1997). DNA barcodes sequence variation can highlight the variation
337 in a species complex leading to more careful taxonomic study. Examples in *L. (Dialictus)*
338 include the *L. tegulare* and *L. petrellum* (Cockerell) species-groups (Gibbs 2009a, 2009b). When
339 DNA barcodes suggest splitting species it could be evidence of cryptic species, but it might also
340 represent highly divergent barcodes within a single species. Heteroplasmy (i.e. the presence of
341 multiple haplotypes within an individual) has been shown to occur in the bee genus *Hylaeus*
342 (Magnacca and Brown 2010). Heteroplasmic individuals may still be identified using DNA
343 barcodes, but the reference database must include multiple divergent haplotypes for each species.
344 The best example of cryptic species among bees is in the *Halictus ligatus* Say/*Halictus poeyi*
345 Lepeletier species pair (Packer et al. 2016). Originally separated based upon extensive allozyme
346 data (Carman and Packer 1996), these two species were subsequently distinguished using both
347 nuclear and mitochondrial DNA sequences including DNA barcodes (Danforth et al. 1998,
348 1999). The two are sympatric in a narrow area with almost no heterozygosity at the allozyme loci
349 (never more than one of 7 loci out of hundreds of individuals from sympatric populations
350 sampled) (Packer 1999). No morphological differences have been discovered despite intensive
351 investigation, although there are slight phenological differences in sympatry (Dunn et al. 1998).
352 DNA barcodes have recently recovered a third Neotropical species in this complex, presumably
353 *H. townsendi* Cockerell based on geography (Packer et al. 2016).

Lasioglossum (*Dialictus*) is taxonomically challenging and it is likely that species-level diversity has not been completely described even within areas that have received detailed study (Gibbs 2010b, 2011). *Lasioglossum* is the most species rich of all bee genera, but few revisionary studies exist. This group of small bees has diversified rapidly to occupy virtually every terrestrial habitat on the planet (Michener 1979, 2007). Although broadly generalist and highly adaptable, *L. (Dialictus)* are small-bodied species that are likely limited in their dispersal ability. As a result, this subgenus seems able to successfully establish and persist in novel and often marginal habitats, but is also susceptible to physical barriers to gene flow. Species rich taxa with recent diversification are not expected to perform well with single locus automated species delimitation methods (Puillandre et al. 2012).

The highest level of intra-specific divergence in this study, 6.9%, is seen in *L. ruidosense*, putatively a single species with an enormous north-south distribution, ranging from southern New Mexico to Alaska (Gibbs 2010a). Southern populations of *L. ruidosense* are primarily limited to high elevations, which have the potential to isolate populations leading to allopatric speciation (Coyne and Orr 2004) as seems to be the case with another species, *L. boreale* Svensson, Ebmer and Sakagami, with a similar distribution in North America (Packer and Taylor 2002). Allozyme data from *L. boreale* showed little genetic variation from individuals spanning large geographical distances, but high elevation populations in the southwestern USA were found to have fixed differences. Additional study is required to determine and describe the extent of diversity in this apparent complex. In the *ruidosense* case, the incongruence between current taxonomy and DNA barcoding is likely caused by insufficient taxonomic study. High intra-specific genetic divergence is also present in *L. cressonii* (Robertson) and *L. sagax* (Sandhouse). Neither of these two species has a distinct geographical or morphological pattern correlated with

sequence divergence. In fact, highly divergent sequences have been found from a single locality during the same collecting event for both species (Gibbs 2010a). Substitutions between haplotypes are strongly biased in the 3rd codon position, which does not suggest amplification of a nuclear pseudogene, although a recently derived pseudogene is possible. A more detailed examination of these species that includes morphology and nuclear DNA is required. In the meantime, they can at most be considered “unconfirmed candidate species” (Padial et al. 2010). *Lasioglossum cressonii* is a common, distinctive species and similar cases in the past have turned out to be cryptic species (Danforth et al. 1998, Gibbs 2009a). *Lasioglossum sagax* is a less well-known species that until recently was only known from the holotype (Wolf and Ascher 2009, Gibbs 2010a). Future work that includes multiple loci will be productive for delimiting cryptic species where morphological characters are lacking. It should be noted that DNA barcoding may overestimate the number of species (Dasmahapatra et al. 2010), so the deep divergences within species like *L. cressonii* may not be true evidence of speciation.

Mitochondrial DNA has proven capable of identifying specimens and clarifying species boundaries in other taxonomically challenging bees (Danforth et al. 1998, Murray et al. 2007, Bertsch 2009, Sheffield et al. 2009, Gibbs 2009b, Magnacca and Brown 2010, Rehan and Sheffield 2011). However, DNA barcoding is only moderately successful for specimen identification in *L. (Dialictus)* using either DNA barcode gaps or BINs. The mean maximum intra-specific value of 1.69% reported here is higher than mean intra-specific values reported for some taxa, including bats (Clare et al. 2007), birds (Hebert et al. 2004b), marine fish (Ward et al. 2005), Lepidoptera (Hajibabaei et al. 2006a), bumble bees (Bertsch 2009), and a general bee fauna (Sheffield et al. 2009) but does correspond to some previous studies of insect taxa, such as mayflies (Alexander et al. 2009) and black flies (Rivera and Currie 2009). Direct comparisons

are not always reliable due to differences in sampling effort and the use of mean intra-specific divergences in some studies (e.g., Barrett & Hebert 2005) and the more relevant value, the mean *maximum* intra-specific divergence used here (Collins and Cruickshank 2012). Minimum distances between species pairs was on average four times the mean intra-specific genetic divergence but less than double the mean maximum intra-specific divergence. This gap between inter- and intra-specific genetic divergences is less than those of most barcoding studies and falls well below the 10-fold difference suggested in an earlier study of birds (Hebert et al. 2004b). Importantly, the intra-specific and inter-specific divergence varies among taxa and in recently diverged groups any simple criterion for delimiting species will have flaws.

Cases where DNA barcodes do not differ among species help to emphasize the importance of traditional taxonomic practices. In another group of bees, DNA barcodes do not distinguish morphologically similar but ecologically distinct species in the *Colletes succinctus* (L.) group, although differences in nuclear sequences were present (Kuhlmann et al. 2007). The *L. viridatum* species-group defined by Gibbs (2010a) is comprised of many of the most taxonomically challenging *L. (Dialictus)* species in Canada and the eastern USA. Members of this complex are often distinguishable based on multiple lines of evidence including ecological differences (e.g., *L. georgeickworthi* Gibbs is the only member restricted to coastal areas of the northeastern United States and *L. subviridatum* nests in logs unlike the ground nests of most other species; Gibbs 2011). Unfortunately, few members of the *viridatum* group have had their nests discovered, and none has had their nesting biology described in detail. The nesting biology of *L. viridatum* described by Atwood (1933) is unreliable (Zarrillo et al. 2016), and may pertain to *L. laevissimum*. DNA barcodes of *L. viridatum* group species are among the most difficult to interpret, including a surprising 19 species lumped into a single BIN. It is tempting to consider

this as a case of traditional taxonomy over-splitting species. However, this BIN includes morphologically distinct, geographically separated populations that occupy distinct ecological niches (Gibbs 2010a, 2011). It's possible that the species complex in its entirety has not been accurately delimited, but multiple lines of evidence suggest that it is not a single species (Gibbs 2010a, 2011). The absence of clear DNA barcode clusters is presumably due to incomplete lineage sorting or introgression in a species complex that has undergone recent and rapid diversification. A neighbour-joining analysis suggested that 27% of species in this study had non-monophyletic DNA barcode clusters. Neighbour-joining is not a preferred method of phylogenetic analysis, being generally outperformed by other methods of phylogenetic analysis that are better able to account for evolutionary rate variation (Huelsenbeck 1995; Felsenstein 2004). However, neighbour-joining was assessed here because it is commonly used to examine DNA barcode sequences and is the standard tree building algorithm used in BOLD, due to its speed and relatively good performance when sequences have recently diverged (Holder and Lewis 2003). The high level of paraphyly found here for *Lasioglossum* should be taken into account when interpreting results from neighbour-joining trees as part of future DNA barcoding efforts.

Although DNA barcodes may be insufficient for species identification using RESL or ABGD in some cases, fixed substitutions can be informative in an integrative taxonomic approach. *Lasioglossum* (*Dialictus*) is a recently derived subgenus that has diversified into many hundreds of species (Gibbs et al. 2012, Ascher and Pickering 2016). Closely related species that have recently separated will have evolved fewer neutral mutations than other species. Morphological characters, if under selection, can evolve rapidly (Owen and Harder 1995, Thompson 1998) and could result in clearly defined species with little genetic divergence in

mitochondrial haplotypes. In addition, the possibility of introgression is presumably higher in closely related species and could confound specimen identification and species discovery using DNA barcodes by reducing intraspecific variation among species (Pentinsaari et al. 2014). *Lasioglossum hitchensi* and *L. weemsi* are closely related, but distinguishable based on hair patterns of the metasoma; however, a single individual of *L. hitchensi* was found to have a DNA barcode consistent with *L. weemsi*. This example is a candidate for introgression between closely related species.

In some cases, character-based methods of identification may still allow correct determination of species where distance-based methods are misleading (Burns et al. 2007). Previous results from *Lasioglossum* species suggest that unique fixed substitutions or unique polymorphism patterns may be sufficient to distinguish species in the absence of a clear DNA barcode gap (Gibbs 2009a, 2009b, Gibbs et al. 2013). Similar methods have also been used in the *Bombus lucorum* (L.) species complex of bumble bees (Murray et al. 2007, Bertsch 2009) and Hawaiian *Hylaeus* (Magnacca and Brown 2010). All of the species recognized in the taxonomic revisions are diagnosable using morphological characters (Gibbs 2010b, 2011). If voucher specimens are retained, then additional morphological or geographic characters could be used in cases where DNA barcodes fail entirely. For example, a DNA barcode sequence matching that of *L. versatum* and *L. callidum*, which share an identical DNA barcode haplotype, can be differentiated by examining morphological characters, including the shape of the female mandible and protrochanter and male facial pubescence (Gibbs 2010a, 2011). Although DNA barcodes do not distinguish, *L. tenax* (Sandhouse) and *L. cattellae* (Ellis), these two species can be distinguished by geographical distribution alone, in addition to aspects of their microsculpture, colour, and pubescence (Gibbs 2010a). *Lasioglossum tenax* is an alpine/boreal

species restricted to Canada and the Rocky Mountains, while *L. cattellae* is largely an open grassland species in the mid-Atlantic and Midwestern states of the USA. The BIN system on BOLD allows for expert opinion to annotate BINs believed to include multiple species (Ratnasingham and Hebert 2013). Until BINs are fully annotated and taxonomic revisions are complete, users would be wise to treat BINs with care and use alternative data, including morphology and geographical distribution, to make species identifications using DNA barcodes.

In conclusion, DNA barcodes in *L. (Dialictus)* lack a well-defined ‘barcode gap’ that can be used for delimiting species, and RESL and ABGD worked unambiguously in only about half the cases. Nevertheless, DNA barcodes are sufficient for identifying specimens of many species in this taxonomically challenging group even with simple distance-based methods. Character-based identifications have the potential for a greater level of success in identifying specimens with low inter-specific genetic divergence. Unique combinations of nucleotide substitutions may allow specimen identification even when inter-specific divergences are low and fixed nucleotide substitutions are absent (Gibbs et al. 2013). Although some species pairs cannot be identified using DNA barcodes, the sequences are nevertheless informative for reducing the list of possible species names. Simple annotations to the BOLD system (e.g., ‘*viridatum* complex’) could flag such species for additional study or sequencing of additional loci. For this reason, I reiterate the need of morphology-based taxonomy and integrative approaches using multiple loci as further tests of species identity. DNA barcodes, even with a weak ‘barcode gap’, are nevertheless a useful taxonomic tool for bees when used in conjunction with morphology, behaviour, and other data.

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Table 1. Taxonomically concordant Barcode Index Numbers (BINs) based on analysis of 1279 barcode-compliant sequences and morphology of voucher specimens. BIN members include non-compliant DNA barcodes. BIN numbers only represented by non-compliant barcodes are indicated with NC. ABGD groups assigned to compliant sequences are included. Species are categorized by regions based on the taxonomic revisions used to delimit species boundaries: Canada (CAN) or eastern United States (EUS) (see Gibbs 2010a, 2011).

Identification	BIN	ABGD group	Region	TotalNo
<i>Lasioglossum abundipunctum</i> Gibbs	BOLD:AAE1318	1	CAN	5
<i>Lasioglossum achilleae</i> (Mitchell)	BOLD:AAW9967	2	CAN/EUS	1
<i>Lasioglossum albipenne</i> (Robertson)	BOLD:AAB6738	5	CAN/EUS	11
<i>Lasioglossum albohirtum</i> (Crawford)*	BOLD:ABZ7019	6	CAN	8
<i>Lasioglossum anomalum</i> (Robertson)	BOLD:AAA7867	7	CAN/EUS	6
<i>Lasioglossum apopkense</i> (Robertson)	BOLD:AAE1289	8	EUS	5

<i>Lasioglossum batya</i> Gibbs	BOLD:AAE1190	10	EUS	2
<i>Lasioglossum brunneiventre</i> (Crawford)	BOLD:AAB7689	12	CAN	14
<i>Lasioglossum coreopsis</i> (Robertson)	BOLD:AAC1424	17	EUS	16
<i>Lasioglossum creberrimum</i> (Robertson)	BOLD:AAC2514	18	EUS	12
<i>Lasioglossum dashwoodi</i> Gibbs	BOLD:AAJ1718	25	CAN	2
<i>Lasioglossum disparile</i> (Cresson)	BOLD:AAC8559	26	EUS	9
<i>Lasioglossum ebmerellum</i> Gibbs	BOLD:AAD7578	27	CAN	6
<i>Lasioglossum gotham</i> Gibbs	BOLD:AAK8338 (NC)	NA	EUS	1
<i>Lasioglossum halophitum</i> (Graenicher)	BOLD:AAC5496	33,34	EUS	9,2
<i>Lasioglossum hartii</i> (Robertson)	BOLD:AAL9893	35	EUS	2

<i>Lasioglossum hemimelas</i> (Cockerell)	BOLD:ABZ6179	36	EUS	1
<i>Lasioglossum heterognathum</i> (Mitchell)	BOLD:ACE5057	37	CAN/EUS	3
<i>Lasioglossum hyalinum</i> (Crawford)	BOLD:AAE1411	44	CAN	4
<i>Lasioglossum illinoense</i> (Robertson)	BOLD:AAD2971	45	CAN/EUS	5
<i>Lasioglossum imitatum</i> (Smith)	BOLD:AAA7868	47	CAN/EUS	26
<i>Lasioglossum incompletum</i> (Crawford)	BOLD:AAB8298	48	CAN	13
<i>Lasioglossum izawsum</i> Gibbs	BOLD:ABZ7461	49	CAN/EUS	2
<i>Lasioglossum laevissimum</i> (Smith)	BOLD:AAA7513	52	CAN/EUS	42
<i>Lasioglossum lepidii</i> (Graenicher)	BOLD:ABY5206	53	EUS	3
<i>Lasioglossum lineatulum</i>	BOLD:AAA2141	57,58	CAN/EUS	13,1

(Crawford)				
<i>Lasioglossum lionotum</i> (Sandhouse)	BOLD:AAE5826	59	CAN/EUS	3
<i>Lasioglossum longifrons</i> (Baker)	BOLD:AAC8294	60	EUS	9
<i>Lasioglossum</i> <i>macroprosopum</i> Gibbs	BOLD:AAE1153	61	CAN	2
<i>Lasioglossum marinum</i> (Crawford)	BOLD:AAD0611	62	EUS	8
<i>Lasioglossum</i> <i>michiganense</i> (Mitchell)	BOLD:ACE8520	63	CAN/EUS	3
<i>Lasioglossum nevadense</i> (Crawford)	BOLD:AAB0372	64,65	CAN	21,1
<i>Lasioglossum nigroviride</i> (Graenicher)	BOLD:AAD3968	66	CAN/EUS	1
<i>Lasioglossum nymphale</i> (Smith)	BOLD:AAB6637	68	EUS	17
<i>Lasioglossum occidentale</i> (Crawford)	BOLD:AAC7155	69,70	CAN	10,1

<i>Lasioglossum oceanicum</i> (Cockerell)	BOLD:AAE1244	71,72	CAN/EUS	1,3
<i>Lasioglossum packeri</i> Gibbs	BOLD:AAE5057	73	CAN	4
<i>Lasioglossum pavoninum</i> (Ellis)	BOLD:AAF4051	74	CAN	3
<i>Lasioglossum</i> <i>perpunctatum</i> (Ellis)	BOLD:AAC1122	75	CAN/EUS	13
<i>Lasioglossum platyparium</i> (Robertson)	BOLD:ACE6636	77	CAN/EUS	11
<i>Lasioglossum</i> <i>prasinogaster</i> Gibbs	BOLD:AAB3612	78	CAN	17
<i>Lasioglossum</i> <i>punctatoventre</i> (Crawford)	BOLD:AAD9279	80	CAN	5
<i>Lasioglossum raleighense</i> (Mitchell)	BOLD:AAE1191	82	EUS	3
<i>Lasioglossum rozeni</i> Gibbs	BOLD:AAD7869	84	CAN/EUS	6
<i>Lasioglossum rufulipes</i> (Cockerell)	BOLD:AAE5185	85	CAN/EUS	4

<i>Lasioglossum sedi</i> (Sandhouse)	BOLD:ABZ3764	94	CAN	16
<i>Lasioglossum semicaeruleum</i> (Cockerell)	BOLD:AAB1546	95	CAN	28
<i>Lasioglossum simplex</i> (Robertson)	BOLD:ACE5372	97	EUS	2
<i>Lasioglossum smilacinae</i> (Robertson)	BOLD:AAE1871	98	CAN/EUS	1
<i>Lasioglossum</i> cf. <i>stuartense</i> (Mitchell)	BOLD:AAW9918	16	EUS	1
<i>Lasioglossum tamiamense</i> (Mitchell)	BOLD:AAX0169	100	EUS	1
<i>Lasioglossum tarponense</i> (Mitchell)	BOLD:AAE5196	101	EUS	4
<i>Lasioglossum tenax</i> (Sandhouse)	BOLD:AAB6998	102	CAN/EUS	19
<i>Lasioglossum timothyi</i> Gibbs	BOLD:AAE1693	103	CAN/EUS	3
<i>Lasioglossum versans</i>	BOLD:ABZ6180	105,106,107,108	CAN/EUS	6,1,1,1

(Lovell)				
<i>Lasioglossum vierecki</i> (Crawford)	BOLD:AAB4651	109	CAN/EUS	13
<i>Lasioglossum zephyrum</i> (Smith)	BOLD:AAD0272	111	CAN/EUS	6
<i>Lasioglossum</i> n. sp. (ex. Alberta)	BOLD:AAX015	99	CAN	1

820 * One BIN but geographic and morphological variation consistent with two species.

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831 Table 2. Morphologically identifiable species represented by multiple BINs based on analysis of
 832 1279 barcode-compliant sequences. Total BIN members includes non-compliant DNA barcodes
 833 with less than 500 bp or greater than 1% ambiguous nucleotides. Additional BINs based on non-
 834 compliant sequences are indicated by NC. ABGD group numbers are provided.

Species	Included BINS	ABGD group	Region	Total BIN members
<i>Lasioglossum cressonii</i> (Robertson)	BOLD:AAA5974 BOLD:AAP0913 BOLD:ABY7290 BOLD:ACE7675 BOLD:ABY8200(NC) BOLD:AAA5973	19,20,21,22,23,24	CAN/EUS	5,1,18,1,1,1
<i>Lasioglossum hitchensi</i> Gibbs	BOLD:AAE5827 BOLD:ABY8629 BOLD:AAA3782*	38,39,40	CAN, EUS	73,1,1
<i>Lasioglossum hudsoniellum</i> (Cockerell)	BOLD:AAB5530 BOLD:ACE7697 BOLD:ABZ0512	41,43,43	CAN	16,2,1

	[singleton]			
<i>Lasioglossum leucomum</i> (Lovell)	BOLD:ACE3786 BOLD:ACE9642 BOLD:ACF2785*	54,55,56,	CAN/EUS	12,3,2
<i>Lasioglossum pruinum</i> (Robertson)	BOLD:AAC1101 BOLD:ABY7039	79	CAN/EUS	8
<i>Lasioglossum ruidosense</i> (Cockerell)	BOLD:AAA5893 BOLD:ACE3475 BOLD:ACE3476 BOLD:AAA5895 BOLD:AAA5894 [singleton]	86,87,88,89,90,91	CAN	3,9,3,9,2,1

* see table 3

839 Table 3. Taxonomically discordant Barcode Index Numbers (BINs) that merge multiple
 840 morphospecies into a single BIN. The status of ABGD groups for these taxa are provided. The
 841 pattern of discordance between taxonomy and either BINs or ABGD groups is not identical. The
 842 number of diagnostic substitutions calculated with the *nucDiag* function in the R package *spider*
 843 are provided and where available the base pair positions relative to the standard 658 bp DNA
 844 barcode fragment for bees are provided. In BINs with more than two species, there may be
 845 additional pairwise diagnostic characters.

BIN	Included taxa	ABGD	Diagnostic substitutions	Sample size
BOLD:AAA3781	<i>L. callidum</i> (Sandhouse), <i>Lasioglossum versatum</i> (Robertson)	13	0	33+97
BOLD:AAA3782	<i>L. hitchensi</i> Gibbs, <i>L.</i> <i>leviense</i> (Mitchell), <i>L.</i> <i>weemsi</i> (Mitchell)	102	0	73+4+25
BOLD:AAA8348*	<i>L. knereri</i> Gibbs, <i>L.</i> <i>subversans</i> (Mitchell)	51	4 (270, 384, 504, 631)	36+3
BOLD:AAB0760*	<i>L. ellisae</i> (Sandhouse), <i>L.</i> <i>imbrex</i> Gibbs	28, 46	7 (81, 282, 312, 315, 573, 603, 640)	21, 9

BOLD:AAB2245*	<i>L. trigeminum</i> Gibbs	104	NA	29
BOLD:AAB6361	<i>L. floridanum</i> (Robertson), <i>L. pilosum</i> † (Smith)	31 (76)	0	4+18, (1)
BOLD:AAC1104*	<i>L. ceanothi</i> (Mitchell)†, <i>L. foveolatum</i> (Robertson), <i>L. pictum</i> (Crawford)	15, 112, 32	6, 1, 0 (219, 315, 327, 360, 402, 462, 594, 618, 625, 634)	2, 1, 9+9
BOLD:AAB6998	<i>L. cattellae</i> (Ellis) (NC), <i>L. tenax</i> (Sandhouse)	102	0 (NC)	19
BOLD:AAC7048	<i>L. bruneri</i> (Crawford), <i>L. reticulatum</i> (Robertson)	11, 83	8 (159, 189, 201, 234, 360, 363, 432, 634)	11, 1
BOLD:AAD7708*	<i>L. puteulanum</i> Gibbs, <i>L. tegulare</i> (Robertson)	46	0	20+26
BOLD:AAD9325	<i>L. arantium</i> Gibbs, <i>L. miniatulum</i> (Mitchell)	9	3 (66, 177, 585)	5,6
BOLD:AAW9735*	<i>L. flaveriae</i> (Robertson)	30	NA	1
BOLD:ABY5205*	<i>L. carlinvillense</i> Gibbs	14	NA	3
BOLD:ABZ0652*	<i>L. abanci</i> (Crawford)†, <i>L. admirandum</i> (Sandhouse), <i>L.</i>	(3), 3 (29),	0 except <i>abanci</i> 3 (200, 201,	1, 8+16+6+4 +(44, 1)+4+8

	<i>apocyni</i> (Mitchell), <i>L.</i> <i>atwoodi</i> Gibbs, <i>L. dreisbachi</i> (Mitchell), <i>L. ephialtum</i> (Gibbs) ††, <i>L. fattigi</i> (Mitchell), <i>L. georgeickworti</i> Gibbs, <i>L. katherineae</i> Gibbs†, <i>L. marinense</i> (Michener), <i>L. novascotiae</i> (Mitchell)†, <i>L. obscurum</i> (Robertson), <i>L. pacatum</i> (Sandhouse), <i>L.</i> <i>paradmirandum</i> (Knerer & Atwood), <i>L. planatum</i> (Lovell), <i>L. sagax</i> (Sandhouse)††, <i>L.</i> <i>subviridatum</i> (Cockerell), <i>L.</i> <i>taylorae</i> Gibbs, <i>L. viridatum</i> (Lovell)†	(50), (67), (110)	212), <i>admirandum</i> 2 (310, 561) and <i>novascotiae</i> 6 (25, 141, 201, 384, 387, 390)	+(6) + 9 + (1) + 10 + 20 + 8 + 8 + (18, 4) + 38 + 3, (6)
BOLD:ABZ0968	<i>L. alachuense</i> (Mitchell), <i>L.</i> <i>oblongum</i> (Lovell)	4	1 (180)	1+10
BOLD:ACF2785	<i>L. leuocomum</i> (Lovell) ††, <i>L. succinipenne</i> (Ellis)	54, 55, 56	0	7+5,(3,2)

BOLD:ACF5350*	<i>L. sandhousiellum</i> Gibbs	93	NA	7
BOLD:ACF5692	<i>L. sheffieldi</i> Gibbs, <i>L. yukonae</i> Gibbs	96	2 (267, 561)	7+3

* discordant with extra-limital species in BOLD

† ABGD groups discordant with BINs

†† ABGD groups partially discordant with BINs

Draft

861 Figure 1. Summary of minimum interspecific distance and maximum intraspecific distance for
862 110 *Lasioglossum* species with DNA barcode-compliant sequences. Horizontal dashed line
863 indicates 1.4% interspecific distance. Diagonal solid line indicates the expected barcode gap
864 where interspecific divergence is greater than intraspecific divergence. Shape and colour indicate
865 relationship of BIN to traditional taxonomic identification.

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867 Figure 2. Summary of DNA barcode gap from all pairwise comparison of 110 *Lasioglossum*
868 species with DNA barcode-compliant sequences. Most pairwise comparisons are between
869 different species with large genetic distances (light gray bars). Intraspecific distances (dark gray
870 bars) overlap extensively with interspecific distances, preventing the use of DNA barcode gap
871 for correctly reliably diagnosing some species. Vertical dashed line indicates 1.4% genetic
872 distance.

873 Supplementary Figure. Neighbour-joining tree of *Lasioglossum* DNA barcodes used in the
874 analyses generated in the Barcode of Life Data Systems (<http://www.boldsystems.org/>) with a
875 Kimura 2-parameter substitution model and aligned using an amino acid based hidden Markov
876 model. Individual sequences are indicated with the species name and DNA barcode process ID.

Figure 1. Summary of minimum interspecific distance and maximum intraspecific distance for 110 *Lasioglossum* species with DNA barcode-compliant sequences. Horizontal dashed line indicates 1.4% interspecific distance. Diagonal solid line indicates the expected barcode gap where interspecific divergence is greater than intraspecific divergence. Shape and colour indicate relationship of BIN to traditional taxonomic identification.

152x152mm (300 x 300 DPI)

Figure 2. Summary of DNA barcode gap from all pairwise comparison of 110 *Lasioglossum* species with DNA barcode-compliant sequences. Most pairwise comparisons are between different species with large genetic distances (light gray bars). Intraspecific distances (dark gray bars) overlap extensively with interspecific distances, preventing the use of DNA barcode gap for correctly reliably diagnosing some species. Vertical dashed line indicates 1.4% genetic distance.

152x152mm (300 x 300 DPI)

Project: SEARCH: Process ids(1283 ids) User : Jason Gibbs
Created : 12-July-2017

Project Code	Process ID	Sample ID	Field ID	BIN	Catalog Num	COI-5P Seq.	COI-5P Trac
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DLCAN	DLII972-07	DIAL2386C10-UT	DIAL2386C10	BOLD:AAE1318	ZION21985	647[0n]	2
DLCAN	DLII1157-08	DIAL2384C07-AB	DIAL2384C07	BOLD:AAE1318		648[0n]	2
LPARA	DLII970-07	DIAL2386C08-UT	DIAL2386C08	BOLD:AAE1318	ZION21743	658[0n]	2
DLCAN	DLII934-07	DIAL2374H06-UT	DIAL2374H06	BOLD:AAE1318	BBSL645891	658[0n]	2
DLCAN	LASNA038-08	DIAL2385D04-ON	DIAL2385D04-ON	BOLD:AAW9967		658[0n]	4
DLCAN	LASNA049-08	DIAL2385E03-MD	DIAL2385E03-MD	BOLD:ABZ0652		579[0n]	4
DLCAN	DLII003-09	D01562A03-MI	D01562A03	BOLD:ABZ0652		583[1n]	0
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DLCAN	BEECB216-07	DIAL1839G08-MN	DIAL1839G08-MN	BOLD:ABZ0652		622[0n]	2
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DLCAN	DLII026-06	DIAL1409C04-ON	DIAL1409C04	BOLD:ABZ0652		645[0n]	2
LPARA	DIAL1124-07	DIAL2387C05-ON	DIAL2387C05	BOLD:ABZ0652		658[0n]	2
DLCAN	DLII1660-09	D01561D09-ON	D01561D09	BOLD:ABZ0652		658[0n]	2
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DLCAN	DIAL419-06	DIAL0292B02-NJ	albipenne #1514	BOLD:AAB6738		602[1n]	0
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DLCAN	BEECB217-07	DIAL1839G09-MN	DIAL1839G09-MN	BOLD:AAB6738		632[0n]	2
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DLCAN	DIAL159-06	BEE0289C05-MN	BEE0289C05	BOLD:AAA7867		636[0n]	0
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DIAL	DLIII036-09	D01562C12-MD	D01562C12	BOLD:AAD9325	658[0n]	2
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DIAL	DIAL506-06	D0288F09-SC	D0288F09	BOLD:AAE1190	658[0n]	2
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DLCAN	DIAL012-06	DIAL0292E08-MD	#028623	BOLD:AAC7048	617[0n]	0
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DLCAN	DLII1371-08	D00607D05-CA	D00607D05	BOLD:AAB7689	658[0n]	2
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DLCAN	DIAL424-06	DIAL0292D03-NC	coeruleum 023905	BOLD:AAA3781	610[1n]	0
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LTEG	DIAL837-06	DIAL1413B11-IL	DIAL1413B11	BOLD:ABY5205	658[0n]	2
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DLCAN	DLII639-07	BEE1850G05-ME	BEE1850G05	BOLD:AAA5973		657[0n]	2
DLCAN	DIAL172-06	BEE0289D06-MN	BEE0289D06	BOLD:AAA5973		658[0n]	2
DLCAN	DLII1688-09	D01561G01-MD	D01561G01	BOLD:ACE7675		658[0n]	2
DLCAN	DLII1025-07	DIAL2386H03-WA	DIAL2386H03	BOLD:AAA5973		658[0n]	2
DLCAN	DIAL1009-06	DIAL1391A06-NC	DIAL1391A06	BOLD:AAA5973		658[0n]	2
DLCAN	DIAL609-06	D0287G06-IL	D0287G06	BOLD:ABY7290		658[0n]	2
DLCAN	DIAL519-06	D0288G10-ON	D0288G10	BOLD:AAA5973		658[0n]	2
DLCAN	DLII1016-07	DIAL2386G06-BC	DIAL2386G06	BOLD:AAA5973		658[0n]	2
DIAL	BOWGF1886-10	03767G09-BC	03767G09-BC	BOLD:AAA5973		658[0n]	2
DIAL	BWTWO1069-10	06732B12-NY	06732B12-NY	BOLD:AAP0913		658[0n]	2
LPARA	DLII1005-07	DIAL2386F07-WA	DIAL2386F07	BOLD:AAJ1718	BBSL696686	658[0n]	2
DLCAN	DLII1027-07	DIAL2386H05-WA	DIAL2386H05	BOLD:AAJ1718		658[0n]	2
DIAL	DLII1292-08	D-3253E10-OK	D-3253E10	BOLD:AAC8559		557[1n]	2
DIAL	DLII1351-08	D00607B09-KS	D00607B09	BOLD:AAC8559		606[0n]	3
DIAL	DLII041-06	DIAL1409D07-TX	DIAL1409D07	BOLD:AAC8559		644[1n]	2
DIAL	DLII038-06	DIAL1409D04-TX	DIAL1409D04	BOLD:AAC8559		645[0n]	2
DIAL	DLII054-06	DIAL1409E08-TX	DIAL1409E08	BOLD:AAC8559		645[0n]	2
DIAL	DLII056-06	DIAL1409E10-TX	DIAL1409E10	BOLD:AAC8559		645[0n]	2
DIAL	DLII059-06	DIAL1409F01-TX	DIAL1409F01	BOLD:AAC8559		645[0n]	2
DIAL	DLII1343-08	D00607B01-KS	D00607B01	BOLD:AAC8559		651[0n]	2
LPARA	DLII728-07	DIAL1848F12-NC	DIAL1848F12	BOLD:AAC8559		657[0n]	2
DLCAN	DLII1639-09	D01561B12-ON	D01561B12	BOLD:ABZ0652		656[2n]	2
DLCAN	DLII726-07	DIAL1848F10-ON	DIAL1848F10	BOLD:ABZ0652		656[1n]	2
LPARA	DLII729-07	DIAL1848G01-ON	DIAL1848G01	BOLD:ABZ0652		657[0n]	2
DLCAN	DLII1666-09	D01561E03-ON	D01561E03	BOLD:ABZ0652		657[1n]	2
DLCAN	DLII920-07	DIAL2374G04-UT	DIAL2374G04	BOLD:AAD7578	ZION23251	612[0n]	2
LPARA	DLII1049-07	DIAL2388B04-UT	DIAL2388B04-UT	BOLD:AAD7578		658[0n]	2
DLCAN	DLII1059-07	DIAL2388C03-UT	DIAL2388C03-UT	BOLD:AAD7578		658[0n]	2
DLCAN	DLII956-07	DIAL2386B05-NV	DIAL2386B05	BOLD:AAD7578	BBSL536805	658[0n]	2
DLCAN	DLII1158-08	DIAL2384C08-AB	DIAL2384C08	BOLD:AAD7578		658[0n]	2
DLCAN	DLII921-07	DIAL2374G05-UT	DIAL2374G05	BOLD:AAD7578	ZION22357	658[0n]	2
LTEG	DIAL356-06	DIAL0294D02-IN	#14702	BOLD:AAB0760		586[0n]	0
DLCAN	DLII1559-09	D01560D03-IA	D01560D03	BOLD:AAB0760		599[0n]	1

DLCAN	DLII1527-09	D01560A07-WI	D01560A07	BOLD:AAB0760	628[0n]	1
LTEG	DLII031-06	DIAL1409C09-ON	DIAL1409C09	BOLD:AAB0760	645[0n]	2
LTEG	DIAL918-06	DIAL1390A09-ON	DIAL1390A09	BOLD:AAB0760	654[0n]	2
LTEG	BEECB213-07	DIAL1839G05-MN	DIAL1839G05-MN	BOLD:AAB0760	658[0n]	2
LTEG	DIAL476-06	D0288D03-IN	D0288D03	BOLD:AAB0760	658[0n]	2
LTEG	DIAL888-06	DIAL1413G03-NC	DIAL1413G03	BOLD:AAB0760	658[0n]	2
LTEG	DIAL653-06	D0295C04-ON	D0295C04	BOLD:AAB0760	658[0n]	2
LTEG	DIAL1089-06	DIAL1391H04-NC	DIAL1391H04	BOLD:AAB0760	658[0n]	2
LTEG	DLII833-07	DIAL1849G11-MA	DIAL1849G11	BOLD:AAB0760	658[0n]	2
LTEG	BEECB221-07	DIAL1839H01-MN	DIAL1839H01-MN	BOLD:AAB0760	658[0n]	2
LTEG	DIAL654-06	D0295C05-ON	D0295C05	BOLD:AAB0760	658[0n]	2
DLCAN	DLII026-09	D01562C02-MB	D01562C02	BOLD:AAB0760	658[0n]	2
DLCAN	DLII019-09	D01562B07-MI	D01562B07	BOLD:AAB0760	658[0n]	2
DIAL	BWTWO899-10	B03765D08-IA	B03765D08-IA	BOLD:AAB0760	658[0n]	2
DIAL	BOWGF1482-10	04485E09-MI	04485E09-MI	BOLD:AAB0760	658[0n]	2
DIAL	BWTWO897-10	B03765D06-IA	B03765D06-IA	BOLD:AAB0760	658[0n]	2
DIAL	BOWGF1475-10	04485E02-MI	04485E02-MI	BOLD:AAB0760	658[0n]	2
DIAL	BWTWO902-10	B03765D11-IA	B03765D11-IA	BOLD:AAB0760	658[0n]	2
DIAL	BWTWO904-10	B03765E01-IA	B03765E01-IA	BOLD:AAB0760	658[0n]	2
DIAL	DIAL797-06	D1414G06-DC	D1414G06	BOLD:ABZ0652	552[3n]	2
DLCAN	DLII469-07	DIAL1846H11-DC	DIAL1846H11	BOLD:ABZ0652	559[0n]	2
DLCAN	DIAL135-06	BEE0289A03-MN	BEE0289A03	BOLD:ABZ0652	565[0n]	0
DLII	DLII425-07	DIAL1846E03-PA	DIAL1846E03	BOLD:ABZ0652	581[3n]	2
DIAL	DIAL676-06	D0295E03-VA	D0295E03	BOLD:ABZ0652	596[4n]	2
DLCAN	DIAL139-06	BEE0289A07-MN	BEE0289A07	BOLD:ABZ0652	598[0n]	2
DLCAN	DIAL410-06	DIAL0294H08-ON	DIAL0294H08	BOLD:ABZ0652	606[2n]	0
DLCAN	DIAL979-06	DIAL1390F12-NC	DIAL1390F12	BOLD:ABZ0652	607[0n]	2
DLCAN	DIAL656-06	D0295C07-ON	D0295C07	BOLD:ABZ0652	607[0n]	2
DLCAN	DIAL1121-07	DIAL2387C02-ON	DIAL2387C02	BOLD:ABZ0652	610[2n]	2
DLCAN	DLII837-07	DIAL1849H03-DC	DIAL1849H03	BOLD:ABZ0652	620[0n]	2
DLCAN	DLII381-07	DIAL1846A05-ON	DIAL1846A05	BOLD:ABZ0652	624[0n]	2
DLCAN	DLII383-07	DIAL1846A07-ON	DIAL1846A07	BOLD:ABZ0652	628[0n]	2
DLCAN	DLII378-07	DIAL1846A02-ON	DIAL1846A02	BOLD:ABZ0652	629[0n]	2
DIAL	DIAL975-06	DIAL1390F08-WV	DIAL1390F08	BOLD:ABZ0652	630[0n]	2
DLII	DIAL1067-06	DIAL1391F06-ON	DIAL1391F06	BOLD:ABZ0652	632[0n]	2
DLCAN	DIAL1080-06	DIAL1391G07-ON	DIAL1391G07	BOLD:ABZ0652	639[1n]	2
DLCAN	DIAL970-06	DIAL1390F03-ON	DIAL1390F03	BOLD:ABZ0652	640[0n]	2
DLCAN	DLII389-07	DIAL1846B02-ON	DIAL1846B02	BOLD:ABZ0652	642[0n]	2
DLCAN	DLII379-07	DIAL1846A03-ON	DIAL1846A03	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII024-06	DIAL1409C02-ON	DIAL1409C02	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII025-06	DIAL1409C03-ON	DIAL1409C03	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII029-06	DIAL1409C07-ON	DIAL1409C07	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII030-06	DIAL1409C08-ON	DIAL1409C08	BOLD:ABZ0652	645[0n]	2
DIAL	DLII034-09	D01562C10-MB	D01562C10	BOLD:ABZ0652	652[6n]	2
DLCAN	DIAL956-06	DIAL1390E01-ON	DIAL1390E01	BOLD:ABZ0652	653[1n]	2
DLCAN	DIAL968-06	DIAL1390F01-ON	DIAL1390F01	BOLD:ABZ0652	654[0n]	2
DLCAN	DIAL980-06	DIAL1390G01-NC	DIAL1390G01	BOLD:ABZ0652	654[0n]	2
DLCAN	DIAL976-06	DIAL1390F09-ON	DIAL1390F09	BOLD:ABZ0652	654[0n]	2
DLCAN	DIAL972-06	DIAL1390F05-ON	DIAL1390F05	BOLD:ABZ0652	654[0n]	2
DLCAN	DIAL1076-06	DIAL1391G03-ON	DIAL1391G03	BOLD:ABZ0652	654[0n]	1
DLCAN	DIAL958-06	DIAL1390E03-ON	DIAL1390E03	BOLD:ABZ0652	654[0n]	2
DLCAN	DIAL961-06	DIAL1390E06-ON	DIAL1390E06	BOLD:ABZ0652	654[0n]	2
DLCAN	DIAL962-06	DIAL1390E07-ON	DIAL1390E07	BOLD:ABZ0652	654[0n]	2
DLII	DIAL1078-06	DIAL1391G05-ON	DIAL1391G05	BOLD:ABZ0652	654[0n]	2
DLCAN	DIAL1119-07	DIAL2387B11-ON	DIAL2387B11	BOLD:ABZ0652	657[1n]	2

DLCAN	DLII618-07	BEE1850E08-MN	BEE1850E08	BOLD:ABZ0652	657[0n]	2
DIAL	DLII1618-09	D01561A03-IN	D01561A03	BOLD:ABZ0652	657[1n]	2
LPARA	DIAL1075-06	DIAL1391G02-ON	DIAL1391G02	BOLD:ABZ0652	658[0n]	1
DLCAN	DLII1524-09	D01560A04-WI	D01560A04	BOLD:ABZ0652	658[0n]	2
DLCAN	DLII1542-09	D01560B10-ON	D01560B10	BOLD:ABZ0652	658[0n]	2
DLCAN	DLII830-07	DIAL1849G08-WV	DIAL1849G08	BOLD:ABZ0652	658[0n]	2
DLCAN	DIAL1114-07	DIAL2387B06-ON	DIAL2387B06	BOLD:ABZ0652	658[0n]	2
DLCAN	DIAL795-06	D1414G04-DC	D1414G04	BOLD:ABZ0652	658[0n]	2
DLII	BOWGF1487-10	04485F02-MI	04485F02-MI	BOLD:ABZ0652	658[0n]	2
DLCAN	DIAL947-06	DIAL1390D04-ON	DIAL1390D04	BOLD:ABZ0652	626[0n]	2
DLCAN	DLII002-06	DIAL1409A02-ON	DIAL1409A02	BOLD:ABZ0652	645[0n]	2
LPARA	DIAL1126-07	DIAL2387C07-ON	DIAL2387C07	BOLD:ABZ0652	658[0n]	2
DLCAN	DIAL1091-06	DIAL1391H06-NC	DIAL1391H06	BOLD:ABZ0652	658[0n]	2
DIAL	DLII1276-08	D-3253D06-FL	D-3253D06	BOLD:AAW9735	561[2n]	2
DIAL	DIAL049-06	BEE0286A11-GA	BEE0286A11	BOLD:AAB6361	574[0n]	2
DIAL	DLII444-07	DIAL1846F10-SC	DIAL1846F10	BOLD:AAB6361	583[0n]	2
DIAL	DLII446-07	DIAL1846F12-SC	DIAL1846F12	BOLD:AAB6361	589[0n]	2
DIAL	DIAL057-06	BEE0286B08-GA	BEE0286B08	BOLD:AAB6361	613[0n]	2
DLCAN	DIAL353-06	DIAL0294C11-IN	#3182	BOLD:AAC1104	582[3n]	0
DLCAN	DIAL355-06	DIAL0294D01-IN	#8126	BOLD:AAC1104	584[2n]	0
DLCAN	LASNA050-08	DIAL2385E04-ON	DIAL2385E04-ON	BOLD:AAC1104	586[3n]	4
DIAL	DIAL354-06	DIAL0294C12-IL	#8348	BOLD:AAC1104	589[4n]	0
DLCAN	DIAL025-06	DIAL0293E02-MD	#11D	BOLD:AAC1104	610[2n]	0
LPARA	DIAL024-06	DIAL0293E01-IN	#11182	BOLD:AAC1104	621[2n]	0
DLCAN	DLII1502-08	D00608G05-IN	D00608G05	BOLD:AAC1104	643[0n]	2
DLCAN	DLII1498-08	D00608G01-IN	D00608G01	BOLD:AAC1104	658[0n]	2
DLCAN	DLII1624-09	D01561A09-MD	D01561A09	BOLD:AAC1104	658[0n]	2
DLCAN	DLII1646-09	D01561C07-MD	D01561C07	BOLD:AAC1104	658[0n]	2
DIAL	LASNA029-08	DIAL2385C07-DE	DIAL2385C07-DE	BOLD:ABZ0652	538[0n]	2
DIAL	DLII1398-08	D00607F08-MA	D00607F08	BOLD:ABZ0652	591[3n]	2
DIAL	DLII627-07	BEE1850F05-NY	BEE1850F05	BOLD:ABZ0652	656[1n]	2
DIAL	LASNA015-08	DIAL2385B04-NY	DIAL2385B04-NY	BOLD:ABZ0652	656[0n]	4
LPARA	DIAL806-06	D1414H03-VA	D1414H03	BOLD:ABZ0652	657[0n]	2
DIAL	DLII1222-08	DIAL2384H12-NY	DIAL2384H12-NY	BOLD:ABZ0652	657[0n]	2
DIAL	DIAL1394-09	D01559D03-MA	D01559D03	BOLD:ABZ0652	657[0n]	2
DIAL	BOWGF1122-10	B04743G05-MA	B04743G05-MA	BOLD:ABZ0652	658[0n]	2
DIAL	DLII449-07	DIAL1846G03-VA	DIAL1846G03	BOLD:AAC5496	582[1n]	2
DIAL	DIAL815-06	D1414H12-VA	D1414H12	BOLD:AAC5496	594[3n]	2
DIAL	DIAL813-06	D1414H10-VA	D1414H10	BOLD:AAC5496	601[0n]	2
DIAL	DIAL363-06	DIAL0294D09-NC	#046341	BOLD:AAC5496	601[5n]	0
DIAL	DIAL755-06	D1414C12-VA	D1414C12	BOLD:AAC5496	603[0n]	2
DIAL	DIAL362-06	DIAL0294D08-NC	#046295	BOLD:AAC5496	604[2n]	0
DIAL	DIAL858-06	DIAL1413D09-FL	DIAL1413D09	BOLD:AAC5496	611[0n]	2
DIAL	DLII447-07	DIAL1846G01-VA	DIAL1846G01	BOLD:AAC5496	645[0n]	2
DIAL	DLII714-07	DIAL1848E10-MD	DIAL1848E10	BOLD:AAC5496	657[0n]	2
LPARA	DIAL825-06	DIAL1413A10-VA	DIAL1413A10	BOLD:AAC5496	658[0n]	2
DIAL	DIAL826-06	DIAL1413A11-VA	DIAL1413A11	BOLD:AAC5496	658[0n]	2
DIAL	BOWGF418-09	CCDB-00611 D02	CCDB-00611 D02	BOLD:AAL9893	521[0n]	1
DIAL	BOWGF1499-10	04485G02-MI	04485G02-MI	BOLD:AAL9893	658[0n]	2
DIAL	DLII693-07	DIAL1848D01-WI	DIAL1848D01	BOLD:ABZ6179	657[0n]	2
DLCAN	DLII430-07	DIAL1846E08-WV	DIAL1846E08	BOLD:ACE5057	576[0n]	2
DLCAN	DIAL1040-06	DIAL1391D03-NC	DIAL1391D03	BOLD:ACE5057	618[1n]	1
LPARA	DIAL1036-06	DIAL1391C11-NC	DIAL1391C11	BOLD:ACE5057	658[0n]	2
DLCAN	DIAL811-06	D1414H08-VA	D1414H08	BOLD:AAA3782	520[0n]	2
DIAL	DIAL908-06	DIAL1413H11-NC	DIAL1413H11	BOLD:ABY8629	531[2n]	2

DLCAN	DIAL1013-06	DIAL1391A10-SC	DIAL1391A10	BOLD:AAA3782	534[0n]	2
DLCAN	DIAL803-06	D1414G12-VA	D1414G12	BOLD:AAA3782	545[1n]	2
DLCAN	DIAL870-06	DIAL1413E09-NC	DIAL1413E09	BOLD:AAA3782	557[0n]	2
DLCAN	DIAL827-06	DIAL1413B01-VA	DIAL1413B01	BOLD:AAA3782	557[0n]	2
DLCAN	DIAL892-06	DIAL1413G07-NC	DIAL1413G07	BOLD:AAA3782	583[0n]	2
DLCAN	DLII1424-08	D00607H10-KS	D00607H10	BOLD:AAA3782	592[0n]	1
DLCAN	DIAL450-06	D0288A11-MD	D0288A11	BOLD:AAA3782	596[0n]	2
DLCAN	DIAL448-06	D0288A09-WV	D0288A09	BOLD:AAA3782	598[0n]	2
DIAL	DIAL570-06	D0287D03-IL	D0287D03	BOLD:AAE5827	598[0n]	2
DIAL	DIAL463-06	D0288C02-DC	D0288C02	BOLD:AAA3782	599[1n]	2
DLCAN	DIAL582-06	D0287E03-IL	D0287E03	BOLD:AAA3782	600[1n]	2
DIAL	DIAL321-06	DIAL0294A01-IN	#3770		600[6n]	0
DLCAN	DIAL598-06	D0287F07-IL	D0287F07	BOLD:AAA3782	601[0n]	2
DLCAN	DIAL583-06	D0287E04-IL	D0287E04	BOLD:AAA3782	601[1n]	2
DLCAN	DLII439-07	DIAL1846F05-WV	DIAL1846F05	BOLD:AAA3782	606[0n]	2
DLCAN	DIAL322-06	DIAL0294A02-ii	#8619	BOLD:AAA3782	607[0n]	0
DLCAN	DIAL374-06	DIAL0294E08-MD	#029472	BOLD:AAA3782	607[0n]	0
DLCAN	DIAL384-06	DIAL0294F06-VA	#046373	BOLD:AAA3782	608[0n]	0
DLCAN	DIAL376-06	DIAL0294E10-VA	#046372	BOLD:AAA3782	608[0n]	0
DLCAN	DIAL375-06	DIAL0294E09-MD	#046450	BOLD:AAA3782	610[1n]	0
DLCAN	DIAL386-06	DIAL0294F08-MD	#039978	BOLD:AAA3782	611[0n]	0
DLCAN	DIAL036-06	DIAL0292A09-VA	#017382	BOLD:AAA3782	611[0n]	0
DLCAN	DIAL816-06	DIAL1413A01-IL	DIAL1413A01	BOLD:AAA3782	612[1n]	2
DLCAN	DIAL989-06	DIAL1390G10-NC	DIAL1390G10	BOLD:AAA3782	612[0n]	2
DLCAN	DIAL382-06	DIAL0294F04-VA	#046370	BOLD:AAA3782	613[0n]	0
DLCAN	DIAL1043-06	DIAL1391D06-NC	DIAL1391D06	BOLD:AAA3782	614[0n]	2
DIAL	BWTWO879-10	B03765B12-MD	B03765B12-MD	BOLD:AAA3782	614[0n]	2
DLII	DLII560-07	DIAL1847H08-MD	DIAL1847H08	BOLD:AAA3782	614[0n]	2
DIAL	DIAL1082-06	DIAL1391G09-MI	DIAL1391G09	BOLD:AAA3782	618[0n]	2
DLCAN	DIAL905-06	DIAL1413H08-NC	DIAL1413H08	BOLD:AAA3782	620[0n]	2
DLCAN	DIAL433-06	DIAL0293C02-NC	perpunctatum 023	BOLD:AAA3782	620[0n]	0
DLCAN	DIAL417-06	DIAL0292A08-VA	admirandum 0223	BOLD:AAA3782	620[0n]	0
DLCAN	DIAL819-06	DIAL1413A04-IL	DIAL1413A04	BOLD:AAA3782	624[0n]	2
DLCAN	DIAL821-06	DIAL1413A06-IL	DIAL1413A06	BOLD:AAA3782	624[0n]	2
DLCAN	DIAL890-06	DIAL1413G05-NC	DIAL1413G05	BOLD:AAA3782	632[0n]	2
DLCAN	DIAL1052-06	DIAL1391E03-SC	DIAL1391E03	BOLD:AAA3782	633[0n]	1
DLCAN	DIAL834-06	DIAL1413B08-IL	DIAL1413B08	BOLD:AAA3782	637[0n]	2
DLCAN	DLII434-07	DIAL1846E12-SC	DIAL1846E12	BOLD:AAA3782	637[0n]	2
DLCAN	DLII388-07	DIAL1846B01-TN	DIAL1846B01	BOLD:AAA3782	645[0n]	2
DLCAN	DLII387-07	DIAL1846A11-NC	DIAL1846A11	BOLD:AAA3782	645[0n]	2
DLCAN	DLII427-07	DIAL1846E05-MS	DIAL1846E05	BOLD:AAA3782	645[0n]	2
DLCAN	DIAL900-06	DIAL1413H03-NC	DIAL1413H03	BOLD:AAA3782	648[0n]	2
DLCAN	DIAL841-06	DIAL1413C04-TN	DIAL1413C04	BOLD:AAA3782	649[0n]	2
DLCAN	DIAL593-06	D0287F02-IL	D0287F02	BOLD:AAA3782	651[0n]	2
DLCAN	DIAL875-06	DIAL1413F02-TN	DIAL1413F02	BOLD:AAA3782	651[0n]	2
DLCAN	DIAL469-06	D0288C08-DC	D0288C08	BOLD:AAA3782	653[0n]	2
DLCAN	DIAL845-06	DIAL1413C08-TN	DIAL1413C08	BOLD:AAA3782	655[0n]	2
DLCAN	DIAL842-06	DIAL1413C05-TN	DIAL1413C05	BOLD:AAA3782	655[0n]	2
DLCAN	DIAL828-06	DIAL1413B02-VA	DIAL1413B02	BOLD:AAA3782	655[0n]	2
DLCAN	DIAL843-06	DIAL1413C06-TN	DIAL1413C06	BOLD:AAA3782	655[0n]	2
DLCAN	DIAL1081-06	DIAL1391G08-MI	DIAL1391G08	BOLD:AAA3782	656[0n]	2
DLCAN	DIAL848-06	DIAL1413C11-NC	DIAL1413C11	BOLD:AAA3782	657[0n]	2
DLCAN	DIAL604-06	D0287G01-IL	D0287G01	BOLD:AAA3782	657[1n]	2
DLCAN	DIAL835-06	DIAL1413B09-IL	DIAL1413B09	BOLD:AAA3782	657[0n]	2
LPARA	DIAL838-06	DIAL1413C01-IL	DIAL1413C01	BOLD:AAA3782	658[0n]	2

DLCAN	DIAL885-06	DIAL1413F12-TN	DIAL1413F12	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL854-06	DIAL1413D05-SC	DIAL1413D05	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL846-06	DIAL1413C09-TN	DIAL1413C09	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL607-06	D0287G04-IL	D0287G04	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL605-06	D0287G02-IL	D0287G02	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL611-06	D0287G08-IL	D0287G08	BOLD:AAA3782		658[0n]	2
DLCAN	LASNA039-08	DIAL2385D05-NC	DIAL2385D05-NC	BOLD:AAA3782		658[0n]	4
DLCAN	DIAL839-06	DIAL1413C02-TN	DIAL1413C02	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL840-06	DIAL1413C03-TN	DIAL1413C03	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL610-06	D0287G07-IL	D0287G07	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL615-06	D0287G12-IL	D0287G12	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL624-06	D0287H09-IL	D0287H09	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL818-06	DIAL1413A03-IL	DIAL1413A03	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL566-06	D0287C11-IL	D0287C11	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL564-06	D0287C09-IL	D0287C09	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL569-06	D0287D02-MI	D0287D02	BOLD:AAA3782		658[0n]	2
DLCAN	DIAL573-06	D0287D06-IL	D0287D06	BOLD:AAA3782		658[0n]	2
DLII	BWTWO875-10	B03765B08-MD	B03765B08-MD	BOLD:AAA3782		658[0n]	2
DIAL	DLII1266-08	D-3253C08-NM	D-3253C08	BOLD:AAB5530		565[0n]	2
DIAL	DLII851-07	DIAL2374A05-UT	DIAL2374A05	BOLD:ACE7697	BBSL418326	568[0n]	2
DIAL	DIAL1130-07	DIAL2387C12-TX	DIAL2387C12	BOLD:AAB5530		599[3n]	2
DIAL	DLII874-07	DIAL2374C06-UT	DIAL2374C06	BOLD:AAB5530	BBSL459644	614[5n]	2
DLCAN	DLII852-07	DIAL2374A06-UT	DIAL2374A06	BOLD:AAB5530	BBSL364307	631[0n]	2
DLCAN	DLII785-07	DIAL1849C11-CO	DIAL1849C11	BOLD:AAB5530		635[1n]	2
DLCAN	DLII021-06	DIAL1409B10-TX	DIAL1409B10	BOLD:AAB5530		645[0n]	2
DLCAN	DLII052-06	DIAL1409E06-TX	DIAL1409E06	BOLD:AAB5530		645[0n]	2
DLCAN	DIAL1111-07	DIAL2387B03-NM	DIAL2387B03	BOLD:AAB5530		654[1n]	2
DLCAN	DLII1032-07	DIAL2386H10-UT	DIAL2386H10	BOLD:AAB5530	ZION19521	655[0n]	2
DIAL	DLII1273-08	D-3253D03-NM	D-3253D03	BOLD:AAB5530		656[2n]	2
LPARA	DLII912-07	DIAL2374F08-UT	DIAL2374F08	BOLD:AAB5530	ZION23744	657[1n]	2
DLCAN	DLII1079-07	DIAL2388D11-NM	DIAL2388D11-NM	BOLD:AAB5530		657[1n]	2
DLCAN	DLII999-07	DIAL2386F01-NV	DIAL2386F01	BOLD:AAB5530	BBSL671665	658[0n]	2
DLCAN	DLII1472-08	D00608D11-NM	D00608D11	BOLD:AAB5530		658[0n]	2
DLCAN	DLII913-07	DIAL2374F09-UT	DIAL2374F09	BOLD:AAB5530	ZION22507	658[0n]	2
DLCAN	DLII983-07	DIAL2386D09-UT	DIAL2386D09	BOLD:AAB5530	ZION20631	658[0n]	2
DIAL	DLII801-07	DIAL1849E03-AZ	DIAL1849E03	BOLD:ACE7697		658[0n]	2
DIAL	DLII1083-07	DIAL2388E03-NM	DIAL2388E03-NM	BOLD:ABZ0512		658[0n]	2
DLCAN	DLII1056-07	DIAL2388B11-UT	DIAL2388B11-UT	BOLD:AAE1411		584[1n]	1
DLCAN	LASNA844-08	B-3252H08-NV	B-3252H08	BOLD:AAE1411		646[0n]	4
LPARA	DLII853-07	DIAL2374A07-UT	DIAL2374A07	BOLD:AAE1411	BBSL460140	658[0n]	2
DLCAN	DLII1515-08	D00608H06-NV	D00608H06	BOLD:AAE1411		658[0n]	2
DLCAN	DIAL877-06	DIAL1413F04-TN	DIAL1413F04	BOLD:AAD2971		619[1n]	2
DLCAN	DIAL995-06	DIAL1390H04-SC	DIAL1390H04	BOLD:AAD2971		636[0n]	2
DLCAN	DLII563-07	DIAL1847H11-MD	DIAL1847H11	BOLD:AAD2971		645[0n]	2
DLCAN	DIAL734-06	D1414B02-NC	D1414B02	BOLD:AAD2971		651[1n]	2
LPARA	DIAL891-06	DIAL1413G06-NC	DIAL1413G06	BOLD:AAD2971		657[0n]	2
DLCAN	DLII300-07	DIAL1845B07-CA	DIAL1845B07	BOLD:AAB0760		637[0n]	2
DLCAN	DLII288-07	DIAL1845A06-CA	DIAL1845A06	BOLD:AAB0760		645[0n]	2
DLCAN	DLII294-07	DIAL1845B01-CA	DIAL1845B01	BOLD:AAB0760		645[0n]	2
DLCAN	DLII306-07	DIAL1845C02-CA	DIAL1845C02	BOLD:AAB0760		645[0n]	2
DLCAN	DLII1518-08	D00608H09-OR	D00608H09	BOLD:AAB0760		649[0n]	2
LPARA	DLII1416-08	D00607H02-CA	D00607H02	BOLD:AAB0760		658[0n]	2
DLCAN	DLII1375-08	D00607D09-CA	D00607D09	BOLD:AAB0760		658[0n]	2
DLCAN	DLII1400-08	D00607F10-CA	D00607F10	BOLD:AAB0760		658[0n]	2
DLCAN	DIAL1403-09	D01559D12-BC	D01559D12	BOLD:AAB0760		658[0n]	2

DLCAN	DLII1303-08	D-3253F09-KY	D-3253F09	BOLD:AAA7868		506[3n]	2
DLCAN	DIAL502-06	D0288F05-SC	D0288F05	BOLD:AAA7868		581[1n]	2
DLCAN	DIAL579-06	D0287D12-IL	D0287D12	BOLD:AAA7868		591[1n]	2
DLCAN	DIAL599-06	D0287F08-IL	D0287F08	BOLD:AAA7868		601[0n]	2
DLCAN	DLII458-07	DIAL1846G12-SC	DIAL1846G12	BOLD:AAA7868		601[0n]	2
DLCAN	DIAL596-06	D0287F05-IL	D0287F05	BOLD:AAA7868		601[0n]	2
DLCAN	DIAL898-06	DIAL1413H01-NC	DIAL1413H01	BOLD:AAA7868		609[0n]	1
DLCAN	DIAL617-06	D0287H02-IL	D0287H02	BOLD:AAA7868		614[0n]	2
DLCAN	DIAL1042-06	DIAL1391D05-NC	DIAL1391D05	BOLD:AAA7868		616[1n]	2
DLCAN	DLII019-06	DIAL1409B08-VA	DIAL1409B08	BOLD:AAA7868		619[0n]	2
DIAL	DLII020-06	DIAL1409B09-VA	DIAL1409B09	BOLD:AAA7868		619[0n]	2
DLCAN	DIAL847-06	DIAL1413C10-NC	DIAL1413C10	BOLD:AAA7868		621[0n]	2
DLCAN	DIAL833-06	DIAL1413B07-IL	DIAL1413B07	BOLD:AAA7868		623[0n]	2
DLCAN	DIAL851-06	DIAL1413D02-TN	DIAL1413D02	BOLD:AAA7868		628[0n]	2
DLCAN	DIAL1055-06	DIAL1391E06-SC	DIAL1391E06	BOLD:AAA7868		649[0n]	2
DLCAN	DIAL516-06	D0288G07-NC	D0288G07	BOLD:AAA7868		649[0n]	2
DLCAN	DIAL887-06	DIAL1413G02-TN	DIAL1413G02	BOLD:AAA7868		651[0n]	2
DLCAN	DIAL594-06	D0287F03-IL	D0287F03	BOLD:AAA7868		653[0n]	2
DLCAN	DIAL987-06	DIAL1390G08-NC	DIAL1390G08	BOLD:AAA7868		654[0n]	2
DLCAN	DIAL886-06	DIAL1413G01-TN	DIAL1413G01	BOLD:AAA7868		655[0n]	2
DLCAN	DIAL561-06	D0287C06-IL	D0287C06	BOLD:AAA7868		657[1n]	2
LPARA	DIAL1069-06	DIAL1391F08-ON	DIAL1391F08	BOLD:AAA7868		658[0n]	2
DLCAN	DIAL903-06	DIAL1413H06-NC	DIAL1413H06	BOLD:AAA7868		658[0n]	2
DLCAN	DIAL1063-06	DIAL1391F02-NC	DIAL1391F02	BOLD:AAA7868		658[0n]	1
DLCAN	DIAL1016-06	DIAL1391B02-SC	DIAL1391B02	BOLD:AAA7868		658[0n]	1
DLCAN	DLII832-07	DIAL1849G10-MA	DIAL1849G10	BOLD:AAA7868		658[0n]	2
DLCAN	DLII1246-08	D-3253A10-BC	D-3253A10	BOLD:AAB8298		515[0n]	2
DLCAN	DLII1240-08	D-3253A04-BC	D-3253A04	BOLD:AAB8298		576[0n]	2
DLCAN	DLII1048-07	DIAL2388B03-UT	DIAL2388B03-UT	BOLD:AAB8298		604[1n]	2
DLCAN	DLII548-07	DIAL1847G08-OR	DIAL1847G08	BOLD:AAB8298		643[0n]	2
DLCAN	DLII042-06	DIAL1409D08-OR	DIAL1409D08	BOLD:AAB8298		645[0n]	2
DLCAN	DLII549-07	DIAL1847G09-OR	DIAL1847G09	BOLD:AAB8298		645[0n]	2
DLCAN	DLII551-07	DIAL1847G11-OR	DIAL1847G11	BOLD:AAB8298		645[0n]	2
DLCAN	DLII1435-08	D00608A10-CA	D00608A10	BOLD:AAB8298		645[0n]	2
DLCAN	DLII1034-07	DIAL2386H12-UT	DIAL2386H12	BOLD:AAB8298	ZION20195	655[0n]	2
LPARA	DLII1024-07	DIAL2386H02-WA	DIAL2386H02	BOLD:AAB8298		658[0n]	2
DLCAN	DLII1376-08	D00607D10-CA	D00607D10	BOLD:AAB8298		658[0n]	2
DLCAN	DLII1373-08	D00607D07-CA	D00607D07	BOLD:AAB8298		658[0n]	2
DLCAN	DLII977-07	DIAL2386D03-UT	DIAL2386D03	BOLD:AAB8298	ZION20813	658[0n]	2
DLCAN	DLII979-07	DIAL2386D05-UT	DIAL2386D05	BOLD:AAB8298	ZION22265	658[0n]	2
DIAL	BWTWO1231-10	06717H07-MA	CCDB-06717 H07	BOLD:ABZ7461		525[1n]	2
DIAL	LASNA043-08	DIAL2385D09-WV	DIAL2385D09-WV	BOLD:ABZ7461		600[0n]	4
DIAL	DLII1565-09	D01560D09-IA	D01560D09	BOLD:ABZ0652		568[1n]	2
DIAL	BHTT190-09	B03751H11-MA	B03751H11-MA	BOLD:ABZ0652		575[0n]	2
DIAL	DLII1573-09	D01560E05-IA	D01560E05	BOLD:ABZ0652		635[0n]	2
LPARA	BHTT016-09	B03750B04-MA	B03750B04-MA	BOLD:ABZ0652		658[0n]	2
DIAL	BOWGF1133-10	B04743H04-MA	B04743H04-MA	BOLD:ABZ0652		658[0n]	2
DIAL	BWTWO1310-10	06735G03-MA	CCDB-06735G03	BOLD:ABZ0652		658[0n]	2
DLCAN	DLII1254-08	D-3253B07-BC	D-3253B07	BOLD:AAA8348	BBSL704328	526[0n]	2
DLCAN	DLII1243-08	D-3253A07-BC	D-3253A07	BOLD:AAA8348	BBSL705735	560[1n]	2
DIAL	DLII1252-08	D-3253B05-BC	D-3253B05	BOLD:AAA8348	BBSL701926	569[5n]	2
DLCAN	DLII1260-08	D-3253C02-BC	D-3253C02	BOLD:AAA8348	BBSL704151	574[0n]	2
DLCAN	DLII312-07	DIAL1845C08-CA	DIAL1845C08	BOLD:AAA8348		576[0n]	2
DLCAN	DLII1256-08	D-3253B09-BC	D-3253B09	BOLD:AAA8348	BBSL701194	577[0n]	2
DLCAN	DLII311-07	DIAL1845C07-CA	DIAL1845C07	BOLD:AAA8348		596[0n]	2

DLCAN	DIAL688-06	D0295F03-CO	D0295F03	BOLD:AAA8348		596[0n]	2
DLCAN	DLII1239-08	D-3253A03-BC	D-3253A03	BOLD:AAA8348	BBSL705988	617[2n]	2
DLCAN	DLII1467-08	D00608D06-BC	D00608D06	BOLD:AAA8348		621[0n]	3
DLCAN	DLII1481-08	D00608E08-BC	D00608E08	BOLD:AAA8348		626[1n]	2
DLCAN	DLII1469-08	D00608D08-BC	D00608D08	BOLD:AAA8348		632[0n]	2
DLCAN	DLII1355-08	D00607C01-CO	D00607C01	BOLD:AAA8348		632[0n]	1
DLCAN	DLII360-07	DIAL1845G08-BC	DIAL1845G08	BOLD:AAA8348		641[0n]	2
DIAL	DLII898-07	DIAL2374E06-WA	DIAL2374E06	BOLD:AAA8348	BBSL696000	643[0n]	2
DLCAN	DLII032-06	DIAL1409C10-OR	DIAL1409C10	BOLD:AAA8348		644[1n]	2
DLCAN	DLII349-07	DIAL1845F09-BC	DIAL1845F09	BOLD:AAA8348		645[0n]	2
DLCAN	DLII323-07	DIAL1845D07-CA	DIAL1845D07	BOLD:AAA8348		645[0n]	2
DLCAN	DLII322-07	DIAL1845D06-CA	DIAL1845D06	BOLD:AAA8348		645[0n]	2
DLCAN	DLII327-07	DIAL1845D11-CA	DIAL1845D11	BOLD:AAA8348		645[0n]	2
DLCAN	DLII332-07	DIAL1845E04-CA	DIAL1845E04	BOLD:AAA8348		645[0n]	2
DLCAN	DLII343-07	DIAL1845F03-BC	DIAL1845F03	BOLD:AAA8348		645[0n]	2
DLCAN	DLII357-07	DIAL1845G05-BC	DIAL1845G05	BOLD:AAA8348		645[0n]	2
DIAL	BOWGF1888-10	03767G11-BC	03767G11-BC	BOLD:AAA8348		646[0n]	2
DLCAN	DIAL1153-07	DIAL2387E11-BC	DIAL2387E11	BOLD:AAA8348		652[0n]	2
DLCAN	DIAL1157-07	DIAL2387F03-BC	DIAL2387F03	BOLD:AAA8348		653[0n]	2
DLCAN	DIAL1102-07	DIAL2387A05-ID	DIAL2387A05	BOLD:AAA8348		653[0n]	2
DLCAN	DLII945-07	DIAL2386A05-CA	DIAL2386A05	BOLD:AAA8348	BBSL563254	657[0n]	2
LPARA	DLII1471-08	D00608D10-BC	D00608D10	BOLD:AAA8348		658[0n]	4
DLCAN	DLII1022-07	DIAL2386G12-ID	DIAL2386G12	BOLD:AAA8348		658[0n]	2
DLCAN	DLII1458-08	D00608C09-CO	D00608C09	BOLD:AAA8348		658[0n]	2
DLCAN	DLII1451-08	D00608C02-CO	D00608C02	BOLD:AAA8348		658[0n]	2
DLCAN	DLII1489-08	D00608F04-BC	D00608F04	BOLD:AAA8348		658[0n]	2
DLCAN	DLIII004-09	D01562A04-MT	D01562A04	BOLD:AAA8348		658[0n]	2
DLCAN	DIAL715-06	D0295H06-CO	D0295H06	BOLD:AAA8348		658[0n]	2
DIAL	BWTWO913-10	B03765E10-BC	B03765E10-BC	BOLD:AAA8348		658[0n]	2
DLCAN	DLII1259-08	D-3253C01-BC	D-3253C01	BOLD:AAA7513		576[0n]	2
DLCAN	LASNA054-08	DIAL2385E08-MD	DIAL2385E08-MD	BOLD:AAA7513		586[1n]	2
DLCAN	DLII752-07	DIAL1848H12-PE	DIAL1848H12	BOLD:AAA7513		594[0n]	2
DLCAN	DLII369-07	DIAL1845H05-BC	DIAL1845H05	BOLD:AAA7513		595[0n]	2
DLCAN	DLII1238-08	D-3253A02-BC	D-3253A02	BOLD:AAA7513		599[1n]	2
DLCAN	DIAL1338-08	D00609G06-NS	D00609G06	BOLD:AAA7513		608[0n]	1
DLCAN	DIAL383-06	DIAL0294F05-MD	#035032	BOLD:AAA7513		610[3n]	0
DLCAN	DIAL413-06	DIAL0294H11-NB	DIAL0294H11	BOLD:AAA7513		610[2n]	0
DLCAN	DLII1410-08	D00607G08-BC	D00607G08	BOLD:AAA7513		613[0n]	2
DLCAN	DLII384-07	DIAL1846A08-NC	DIAL1846A08	BOLD:AAA7513		614[0n]	2
DLCAN	DLII372-07	DIAL1845H08-BC	DIAL1845H08	BOLD:AAA7513		619[0n]	2
DLCAN	DLII348-07	DIAL1845F08-BC	DIAL1845F08	BOLD:AAA7513		619[0n]	2
DLCAN	DIAL1025-06	DIAL1391B11-NC	DIAL1391B11	BOLD:AAA7513		621[0n]	2
DLCAN	DIAL1336-08	D00609G04-NS	D00609G04	BOLD:AAA7513		630[0n]	1
DLCAN	DLII697-07	DIAL1848D05-NS	DIAL1848D05	BOLD:AAA7513		636[0n]	2
DLCAN	DLII094-06	DIAL1409H12-ON	DIAL1409H12	BOLD:AAA7513		645[0n]	2
DLCAN	DLII366-07	DIAL1845H02-BC	DIAL1845H02	BOLD:AAA7513		645[0n]	2
DLCAN	DLII353-07	DIAL1845G01-BC	DIAL1845G01	BOLD:AAA7513		645[0n]	2
DLCAN	DLII354-07	DIAL1845G02-BC	DIAL1845G02	BOLD:AAA7513		645[0n]	2
DLCAN	DLII344-07	DIAL1845F04-BC	DIAL1845F04	BOLD:AAA7513		645[0n]	2
DLCAN	DLII016-06	DIAL1409B05-NC	DIAL1409B05	BOLD:AAA7513		645[0n]	2
DLCAN	DLII346-07	DIAL1845F06-BC	DIAL1845F06	BOLD:AAA7513		645[0n]	2
DLCAN	DLII347-07	DIAL1845F07-BC	DIAL1845F07	BOLD:AAA7513		645[0n]	2
DLCAN	DIAL868-06	DIAL1413E07-NC	DIAL1413E07	BOLD:AAA7513		655[0n]	2
DLCAN	DLII725-07	DIAL1848F09-PE	DIAL1848F09	BOLD:AAA7513		656[1n]	2
DLCAN	DLII663-07	DIAL1848A05-NB	DIAL1848A05	BOLD:AAA7513		657[0n]	2

DLCAN	DLII664-07	DIAL1848A06-NB	DIAL1848A06	BOLD:AAA7513	657[0n]	2
DLCAN	DLII734-07	DIAL1848G06-PE	DIAL1848G06	BOLD:AAA7513	657[0n]	2
LPARA	DLII840-07	DIAL1849H06-ME	DIAL1849H06	BOLD:AAA7513	658[0n]	2
DLCAN	DLII1073-07	DIAL2388D05-CO	DIAL2388D05-CO	BOLD:AAA7513	658[0n]	2
DLCAN	DLII038-09	D01562D02-ON	D01562D02	BOLD:AAA7513	658[0n]	2
DLCAN	DLII1335-08	D00607A05-AB	D00607A05	BOLD:AAA7513	658[0n]	2
DLCAN	DLII1364-08	D00607C10-AB	D00607C10	BOLD:AAA7513	658[0n]	2
DLCAN	DLII1363-08	D00607C09-AB	D00607C09	BOLD:AAA7513	658[0n]	2
DLCAN	DIAL1010-06	DIAL1391A07-NC	DIAL1391A07	BOLD:AAA7513	658[0n]	2
DLCAN	DIAL648-06	D0295B10-ON	D0295B10	BOLD:AAA7513	658[0n]	2
DLCAN	DIAL650-06	D0295C01-ON	D0295C01	BOLD:AAA7513	658[0n]	2
DLCAN	DIAL1027-06	DIAL1391C02-NC	DIAL1391C02	BOLD:AAA7513	658[0n]	1
DLCAN	DIAL1017-06	DIAL1391B03-OH	DIAL1391B03	BOLD:AAA7513	658[0n]	1
DLCAN	DIAL1026-06	DIAL1391C01-NC	DIAL1391C01	BOLD:AAA7513	658[0n]	2
DLCAN	DLII1072-07	DIAL2388D04-CO	DIAL2388D04-CO	BOLD:AAA7513	658[0n]	2
DIAL	BOWGF1958-10	06745E10-ON	06745E10-ON	BOLD:AAA7513	658[0n]	2
LTEG	DIAL863-06	DIAL1413E02-FL	DIAL1413E02	BOLD:ABY5206	655[0n]	2
LTEG	DIAL865-06	DIAL1413E04-FL	DIAL1413E04	BOLD:ABY5206	658[0n]	2
LTEG	DIAL867-06	DIAL1413E06-FL	DIAL1413E06	BOLD:ABY5206	658[0n]	2
DIAL	BOWGF1489-10	04485F04-MI	04485F04-MI	BOLD:ACF2785	566[0n]	2
DIAL	BOWGF1493-10	04485F08-MI	04485F08-MI	BOLD:ACF2785	595[3n]	2
DIAL	BOWGF1481-10	04485E08-MI	04485E08-MI	BOLD:ACF2785	619[0n]	2
DLCAN	DLII681-07	DIAL1848C01-NB	DIAL1848C01	BOLD:ACE3786	620[0n]	2
DIAL	BOWGF1494-10	04485F09-MI	04485F09-MI	BOLD:ACF2785	620[0n]	2
DIAL	BOWGF1496-10	04485F11-MI	04485F11-MI	BOLD:ACF2785	620[0n]	2
DIAL	BOWGF1515-10	04485H06-MI	04485H06-MI	BOLD:ACF2785	620[0n]	2
DLCAN	DLII380-07	DIAL1846A04-ON	DIAL1846A04	BOLD:ACE9642	621[0n]	2
DIAL	BOWGF1513-10	04485H04-MI	04485H04-MI	BOLD:ACF2785	630[0n]	2
DLCAN	DLII680-07	DIAL1848B11-NB	DIAL1848B11	BOLD:ACE3786	657[0n]	2
LPARA	DIAL1334-08	D00609G02-NS	D00609G02	BOLD:ACE9642	658[0n]	2
DLCAN	DIAL1353-08	D00609H09-NS	D00609H09	BOLD:ACE3786	658[0n]	2
DIAL	DLII331-07	DIAL1845E03-TX	DIAL1845E03	BOLD:AAA3782	595[1n]	2
DIAL	DLII417-07	DIAL1846D07-MS	DIAL1846D07	BOLD:AAA3782	601[0n]	2
DLII	DLII445-07	DIAL1846F11-MS	DIAL1846F11	BOLD:AAA3782	619[1n]	2
DIAL	DIAL1014-06	DIAL1391A11-SC	DIAL1391A11	BOLD:AAA3782	621[0n]	2
DLCAN	LASNA053-08	DIAL2385E07-WV	DIAL2385E07-WV	BOLD:AAA2141	549[3n]	3
DLCAN	DIAL148-06	BEE0289B05-MN	BEE0289B05	BOLD:AAA2141	598[0n]	2
DLCAN	DIAL129-06	DIAL0286H09-MB	DIAL0286H09	BOLD:AAA2141	612[1n]	1
DLCAN	DIAL124-06	DIAL0286H04-MB	DIAL0286H04	BOLD:AAA2141	613[0n]	2
DLCAN	DIAL646-06	D0295B08-ON	D0295B08	BOLD:AAA2141	620[0n]	2
DLCAN	DIAL943-06	DIAL1390C12-ON	DIAL1390C12	BOLD:AAA2141	625[0n]	2
DLCAN	DIAL016-06	DIAL0292H06-WV	#018478	BOLD:AAA2141	625[0n]	0
DLCAN	BEECB215-07	DIAL1839G07-MN	DIAL1839G07-MN	BOLD:AAA2141	632[0n]	2
DIAL	BWTWO1073-10	06732C04-WV	06732C04-WV	BOLD:AAA2141	634[0n]	3
DIAL	DLII1349-08	D00607B07-KS	D00607B07	BOLD:AAA2141	641[0n]	2
DLCAN	DLII012-06	DIAL1409B01-NC	DIAL1409B01	BOLD:AAA2141	645[0n]	2
DLCAN	DIAL938-06	DIAL1390C07-ON	DIAL1390C07	BOLD:AAA2141	654[0n]	2
DLCAN	DIAL935-06	DIAL1390C04-ON	DIAL1390C04	BOLD:AAA2141	654[0n]	2
DIAL	DIAL126-06	DIAL0286H06-MB	DIAL0286H06	BOLD:AAA2141	657[0n]	2
DLCAN	DLII392-07	DIAL1846B05-MD	DIAL1846B05	BOLD:AAE5826	599[0n]	2
LPARA	DLII564-07	DIAL1847H12-MD	DIAL1847H12	BOLD:AAE5826	635[0n]	2
DLCAN	DLII1084-07	DIAL2388E04-AL	DIAL2388E04-AL	BOLD:AAE5826	658[0n]	2
DIAL	DLII462-07	DIAL1846H04-MS	DIAL1846H04	BOLD:AAC8294	613[0n]	2
DIAL	DLII424-07	DIAL1846E02-MS	DIAL1846E02	BOLD:AAC8294	623[0n]	2
DIAL	DLII431-07	DIAL1846E09-MS	DIAL1846E09	BOLD:AAC8294	631[0n]	2

DIAL	DLII428-07	DIAL1846E06-MS	DIAL1846E06	BOLD:AAC8294	635[0n]	2	
DIAL	DLII415-07	DIAL1846D05-MS	DIAL1846D05	BOLD:AAC8294	645[0n]	2	
DIAL	DIAL1160-07	DIAL2387F06-TX	DIAL2387F06	BOLD:AAC8294	657[0n]	2	
LPARA	DIAL505-06	D0288F08-NC	D0288F08	BOLD:AAC8294	658[0n]	2	
DIAL	DIAL058-06	BEE0286B09-GA	BEE0286B09	BOLD:AAC8294	658[0n]	2	
DIAL	DIAL507-06	D0288F10-SC	D0288F10	BOLD:AAC8294	658[0n]	2	
LPARA	DIAL1406-09	D01559E03-BC	D01559E03	BOLD:AAE1153	658[0n]	2	
DLCAN	DIAL1421-09	D01559F06-BC	D01559F06	BOLD:AAE1153	658[0n]	2	
DLCAN	DLII1447-08	D00608B10-BC	D00608B10	BOLD:ABZ0652	621[0n]	2	
DLCAN	DLII1465-08	D00608D04-BC	D00608D04	BOLD:ABZ0652	633[0n]	2	
DLCAN	DIAL1351-08	D00609H07-BC	D00609H07	BOLD:ABZ0652	644[0n]	2	
LPARA	DIAL1347-08	D00609H03-BC	D00609H03	BOLD:ABZ0652	658[0n]	2	
DLCAN	DIAL1349-08	D00609H05-BC	D00609H05	BOLD:ABZ0652	658[0n]	2	
DIAL	DLII1050-07	DIAL2388B05-WA	DIAL2388B05-WA	BOLD:ABZ0652	658[0n]	2	
DIAL	DLII1668-09	D01561E05-CA	D01561E05	BOLD:ABZ0652	658[0n]	2	
DIAL	BOWGF847-09	CCDB - 01565 H3	CCDB - 01565 H3	BOLD:ABZ0652	658[0n]	2	
DIAL	BOWGF852-09	CCDB - 01565 H8	CCDB - 01565 H8	BOLD:ABZ0652	658[0n]	2	
LTEG	DIAL746-06	D1414C03-VA	D1414C03	BOLD:AAD0611	614[0n]	2	
LTEG	DLII418-07	DIAL1846D08-VA	DIAL1846D08	BOLD:AAD0611	645[0n]	2	
LTEG	DLII685-07	DIAL1848C05-MD	DIAL1848C05	BOLD:AAD0611	657[0n]	2	
LTEG	DIAL763-06	D1414D08-VA	D1414D08	BOLD:AAD0611	658[0n]	2	
LTEG	DIAL749-06	D1414C06-VA	D1414C06	BOLD:AAD0611	658[0n]	2	
LTEG	DIAL748-06	D1414C05-VA	D1414C05	BOLD:AAD0611	658[0n]	2	
LTEG	DIAL747-06	D1414C04-VA	D1414C04	BOLD:AAD0611	658[0n]	2	
DIAL	DLII1671-09	D01561E08-NY	D01561E08	BOLD:AAD0611	658[0n]	2	
DLCAN	DLII815-07	DIAL1849F05-DC	DIAL1849F05	BOLD:ACE8520	572[0n]	2	
LPARA	DLII013-06	DIAL1409B02-NC	DIAL1409B02	BOLD:ACE8520	645[0n]	2	
DLCAN	DLII001-06	DIAL1409A01-ON	DIAL1409A01	BOLD:ACE8520	645[0n]	2	
DIAL	DLII1294-08	D-3253E12-FL	D-3253E12	BOLD:AAD9325	574[1n]	2	
DIAL	DLII1284-08	D-3253E02-FL	D-3253E02	BOLD:AAD9325	575[1n]	2	
DIAL	DIAL1358-09	D01559A03-FL	D01559A03	BOLD:AAD9325	655[3n]	2	
DIAL	DLII1707-09	D01561H08-FL	D01561H08	BOLD:AAD9325	657[1n]	2	
DIAL	DIAL1400-09	D01559D09-FL	D01559D09	BOLD:AAD9325	657[1n]	2	
LPARA	DLIII039-09	D01562D03-FL	D01562D03	BOLD:AAD9325	658[0n]	2	
DLCAN	DLII1248-08	D-3253B01-BC	D-3253B01	BOLD:AAB0372	558[3n]	2	
DLCAN	DLII1241-08	D-3253A05-BC	D-3253A05	BOLD:AAB0372	567[1n]	2	
DLCAN	DLII1257-08	D-3253B10-BC	D-3253B10	BOLD:AAB0372	596[3n]	2	
DLCAN	DLII1258-08	D-3253B11-BC	D-3253B11	BOLD:AAB0372	597[1n]	2	
DLCAN	DLII1255-08	D-3253B08-BC	D-3253B08	BOLD:AAB0372	598[0n]	2	
DLCAN	ASBEE072-08	D-3262G02-UT	D-3262G02-UT	BOLD:AAB0372	601[0n]	2	
DLCAN	DLII1244-08	D-3253A08-BC	D-3253A08	BOLD:AAB0372	617[0n]	2	
DLCAN	DLII316-07	DIAL1845C12-CA	DIAL1845C12	BOLD:AAB0372	628[1n]	2	
DLCAN	DLII326-07	DIAL1845D10-CA	DIAL1845D10	BOLD:AAB0372	636[0n]	2	
DLCAN	DIAL1154-07	DIAL2387E12-BC	DIAL2387E12	BOLD:AAB0372	654[1n]	2	
DLCAN	DLII1397-08	D00607F07-CA	D00607F07	BOLD:AAB0372	656[1n]	2	
DLCAN	DLII626-07	BEE1850F04-OR	BEE1850F04	BOLD:AAB0372	656[1n]	2	
DLCAN	DLII1412-08	D00607G10-BC	D00607G10	BOLD:AAB0372	657[0n]	2	
DLCAN	DLII965-07	DIAL2386C03-CA	DIAL2386C03	BOLD:AAB0372	BBSL566129	657[1n]	2
LPARA	DLII857-07	DIAL2374A11-UT	DIAL2374A11	BOLD:AAB0372	BBSL370394	658[0n]	2
DLCAN	DLII982-07	DIAL2386D08-UT	DIAL2386D08	BOLD:AAB0372	ZION19814	658[0n]	2
DLCAN	DLII980-07	DIAL2386D06-UT	DIAL2386D06	BOLD:AAB0372	ZION121776	658[0n]	2
DLCAN	DLII966-07	DIAL2386C04-CA	DIAL2386C04	BOLD:AAB0372	BBSL564884	658[0n]	2
DLCAN	DIAL1415-09	D01559E12-BC	D01559E12	BOLD:AAB0372		658[0n]	2
DLCAN	DLII889-07	DIAL2374D09-UT	DIAL2374D09	BOLD:AAB0372	BBSL437336	658[0n]	2
DLCAN	DLII903-07	DIAL2374E11-WA	DIAL2374E11	BOLD:AAB0372	BBSL696899	658[0n]	2

DIAL	BWTWO1106-10	06732F01-WY	06732F01-WY	BOLD:AAB0372	658[0n]	2
DLCAN	LASNA023-08	DIAL2385C01-MD	DIAL2385C01-MD	BOLD:AAD3968	575[1n]	4
DLCAN	DLII823-07	DIAL1849G01-ME	DIAL1849G01	BOLD:AAD3968	598[0n]	2
DIAL	BOWGF1433-10	04485A08-MD	04485A08-MD	BOLD:AAD3968	623[0n]	2
DLCAN	DIAL1340-08	D00609G08-NS	D00609G08	BOLD:AAD3968	628[0n]	2
DLCAN	DLII822-07	DIAL1849F12-MA	DIAL1849F12	BOLD:AAD3968	630[0n]	2
LPARA	DLII719-07	DIAL1848F03-ON	DIAL1848F03	BOLD:AAD3968	657[0n]	2
DLCAN	DLII1543-09	D01560B11-VT	D01560B11	BOLD:AAD3968	658[0n]	2
DLCAN	DLII721-07	DIAL1848F05-PE	DIAL1848F05	BOLD:ABZ0652	609[1n]	2
DIAL	DIAL460-06	D0288B10-NC	D0288B10	BOLD:AAB6637	584[0n]	2
DIAL	DIAL753-06	D1414C10-VA	D1414C10	BOLD:AAB6637	603[0n]	2
DIAL	DIAL752-06	D1414C09-VA	D1414C09	BOLD:AAB6637	603[0n]	2
DIAL	DLII1305-08	D-3253F11-FL	D-3253F11	BOLD:AAB6637	611[0n]	2
DIAL	DIAL781-06	D1414F02-NC	D1414F02	BOLD:AAB6637	616[0n]	2
DIAL	DIAL779-06	D1414E12-NC	D1414E12	BOLD:AAB6637	618[0n]	2
DIAL	DIAL778-06	D1414E11-NC	D1414E11	BOLD:AAB6637	618[0n]	2
DIAL	DIAL464-06	D0288C03-SC	D0288C03	BOLD:AAB6637	620[0n]	1
DIAL	DIAL751-06	D1414C08-VA	D1414C08	BOLD:AAB6637	627[0n]	1
DIAL	DIAL461-06	D0288B11-NC	D0288B11	BOLD:AAB6637	637[0n]	2
DIAL	DLII421-07	DIAL1846D11-MS	DIAL1846D11	BOLD:AAB6637	645[0n]	2
LPARA	DLII813-07	DIAL1849F03-NC	DIAL1849F03	BOLD:AAB6637	658[0n]	2
DIAL	DIAL764-06	D1414D09-VA	D1414D09	BOLD:AAB6637	658[0n]	2
DIAL	BWTWO870-10	B03765B03-VA	B03765B03-VA	BOLD:AAB6637	658[0n]	2
DIAL	DIAL472-06	D0288C11-SC	D0288C11	BOLD:AAB6637	658[0n]	2
DIAL	DIAL784-06	D1414F05-NC	D1414F05	BOLD:AAB6637	658[0n]	2
DIAL	DIAL750-06	D1414C07-VA	D1414C07	BOLD:AAB6637	658[0n]	2
DIAL	DIAL673-06	D0295D12-MD	D0295D12	BOLD:ABZ0968	595[5n]	2
DLCAN	DIAL738-06	D1414B06-VA	D1414B06	BOLD:ABZ0968	602[0n]	2
DLCAN	DIAL017-06	DIAL0293B05-MD	#011917	BOLD:ABZ0968	610[1n]	0
DLCAN	DIAL739-06	D1414B07-VA	D1414B07	BOLD:ABZ0968	611[0n]	2
DLCAN	DLII1378-08	D00607D12-MA	D00607D12	BOLD:ABZ0968	612[3n]	2
DLCAN	DLII1497-08	D00608F12-IN	D00608F12	BOLD:ABZ0968	622[2n]	4
DLCAN	DIAL740-06	D1414B08-VA	D1414B08	BOLD:ABZ0968	626[0n]	1
LPARA	DIAL768-06	D1414E01-VA	D1414E01	BOLD:ABZ0968	658[0n]	2
DLCAN	DIAL741-06	D1414B09-VA	D1414B09	BOLD:ABZ0968	658[0n]	2
DLCAN	DLII824-07	DIAL1849G02-MA	DIAL1849G02	BOLD:ABZ0968	658[0n]	2
DLCAN	DIAL873-06	DIAL1413E12-TN	DIAL1413E12	BOLD:ABZ0652	527[0n]	1
DIAL	DIAL389-06	DIAL0294F11-VA	#048070	BOLD:ABZ0652	547[4n]	0
DLCAN	DLII484-07	DIAL1847B03-WV	DIAL1847B03	BOLD:ABZ0652	577[0n]	2
DLCAN	DLII691-07	DIAL1848C11-NY	DIAL1848C11	BOLD:ABZ0652	591[1n]	2
DIAL	DIAL679-06	D0295E06-MD	D0295E06	BOLD:ABZ0652	595[5n]	2
DLCAN	DLII395-07	DIAL1846B08-WV	DIAL1846B08	BOLD:ABZ0652	599[0n]	2
DLCAN	DIAL081-06	BEE0286D09-VA	BEE0286D09	BOLD:ABZ0652	606[0n]	3
DLCAN	DIAL1007-06	DIAL1391A04-NC	DIAL1391A04	BOLD:ABZ0652	613[0n]	2
LPARA	DIAL990-06	DIAL1390G11-NC	DIAL1390G11	BOLD:ABZ0652	654[0n]	2
DLCAN	DLII842-07	DIAL1849H08-VT	DIAL1849H08	BOLD:ABZ0652	658[0n]	2
DLCAN	LASNA014-08	DIAL2385B03-MB	DIAL2385B03-MB	BOLD:AAC7155	628[1n]	4
DLCAN	DIAL1163-07	DIAL2387F09-NM	DIAL2387F09	BOLD:AAC7155	654[1n]	2
DLCAN	DIAL1175-07	DIAL2387H11-NM	DIAL2387H11	BOLD:AAC7155	657[1n]	2
DLCAN	DIAL544-06	D0287A11-CO	D0287A11	BOLD:AAC7155	657[0n]	2
LPARA	LASNA010-08	DIAL2385A10-MB	DIAL2385A10-MB	BOLD:AAC7155	658[0n]	4
DLCAN	DIAL702-06	D0295G05-CO	D0295G05	BOLD:AAC7155	658[0n]	2
DLCAN	LASNA004-08	DIAL2385A04-CO	DIAL2385A04-CO	BOLD:AAC7155	658[0n]	4
DLCAN	DIAL555-06	D0287B11-CO	D0287B11	BOLD:AAC7155	658[0n]	2
DIAL	DLII1628-09	D01561B01-MT	D01561B01	BOLD:AAC7155	658[0n]	2

DIAL	BWTWO1114-10	06732F09-WY	06732F09-WY	BOLD:AAC7155	658[0n]	2
DIAL	DIAL707-06	D0295G10-CO	D0295G10	BOLD:AAC7155	658[0n]	2
DLCAN	DIAL940-06	DIAL1390C09-ON	DIAL1390C09	BOLD:AAE1244	617[0n]	2
DLCAN	DLII831-07	DIAL1849G09-MA	DIAL1849G09	BOLD:AAE1244	636[0n]	2
LPARA	DLII006-06	DIAL1409A06-NC	DIAL1409A06	BOLD:AAE1244	645[0n]	2
DLCAN	DLII011-06	DIAL1409A11-NC	DIAL1409A11	BOLD:AAE1244	645[0n]	2
DLCAN	DLII358-07	DIAL1845G06-BC	DIAL1845G06	BOLD:ABZ0652	602[0n]	2
DLCAN	DLII374-07	DIAL1845H10-BC	DIAL1845H10	BOLD:ABZ0652	619[0n]	2
DLCAN	DLII356-07	DIAL1845G04-BC	DIAL1845G04	BOLD:ABZ0652	621[0n]	2
DLCAN	DLII345-07	DIAL1845F05-BC	DIAL1845F05	BOLD:ABZ0652	632[0n]	2
DLCAN	DLII367-07	DIAL1845H03-BC	DIAL1845H03	BOLD:ABZ0652	632[0n]	2
DLCAN	DLII375-07	DIAL1845H11-BC	DIAL1845H11	BOLD:ABZ0652	637[0n]	2
DLCAN	DLII1503-08	D00608G06-BC	D00608G06	BOLD:ABZ0652	638[0n]	2
DLCAN	DLII376-07	DIAL1845H12-BC	DIAL1845H12	BOLD:ABZ0652	643[0n]	2
DLCAN	DLII355-07	DIAL1845G03-BC	DIAL1845G03	BOLD:ABZ0652	644[0n]	2
DLCAN	DLII359-07	DIAL1845G07-BC	DIAL1845G07	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII364-07	DIAL1845G12-BC	DIAL1845G12	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII352-07	DIAL1845F12-BC	DIAL1845F12	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII350-07	DIAL1845F10-BC	DIAL1845F10	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII342-07	DIAL1845F02-BC	DIAL1845F02	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII361-07	DIAL1845G09-BC	DIAL1845G09	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII362-07	DIAL1845G10-BC	DIAL1845G10	BOLD:ABZ0652	645[0n]	2
DLCAN	DLII363-07	DIAL1845G11-BC	DIAL1845G11	BOLD:ABZ0652	645[0n]	2
DLCAN	DIAL1169-07	DIAL2387H05-CO	DIAL2387H05	BOLD:ABZ0652	658[0n]	2
DIAL	BWTWO908-10	B03765E05-BC	B03765E05-BC	BOLD:ABZ0652	658[0n]	2
DIAL	BOWGF473-09	CCDB-00611 H09	CCDB-00611 H09	BOLD:ABZ0652	658[0n]	1
DLCAN	DIAL1395-09	D01559D04-AB	D01559D04	BOLD:AAE5057	634[0n]	1
LPARA	LASNA008-08	DIAL2385A08-SK	DIAL2385A08-SK	BOLD:AAE5057	658[0n]	4
DLCAN	DIAL1428-09	D01559G01-AB	D01559G01	BOLD:AAE5057	658[0n]	2
DLCAN	LASNA013-08	DIAL2385B02-SK	DIAL2385B02-SK	BOLD:AAE5057	658[0n]	4
DLCAN	DIAL037-06	DIAL0293B11-VV	#032687	BOLD:ABZ0652	620[0n]	0
DLCAN	DIAL817-06	DIAL1413A02-IL	DIAL1413A02	BOLD:ABZ0652	625[0n]	2
DLCAN	DLII008-06	DIAL1409A08-NC	DIAL1409A08	BOLD:ABZ0652	645[0n]	2
DLCAN	DIAL964-06	DIAL1390E09-ON	DIAL1390E09	BOLD:ABZ0652	654[0n]	2
DLCAN	DIAL831-06	DIAL1413B05-IL	DIAL1413B05	BOLD:ABZ0652	655[0n]	2
LPARA	DIAL1287-08	D00609C03-WI	D00609C03	BOLD:ABZ0652	657[0n]	2
DLCAN	DLII1553-09	D01560C09-IA	D01560C09	BOLD:ABZ0652	658[0n]	3
DIAL	BOWGF583-09	CCDB-01557 B01	CCDB-01557 B01	BOLD:ABZ0652	658[0n]	2
DLCAN	DIAL944-06	DIAL1390D01-NT	DIAL1390D01	BOLD:AAF4051	653[1n]	2
DLCAN	DIAL941-06	DIAL1390C10-NT	DIAL1390C10	BOLD:AAF4051	654[0n]	2
DLCAN	DLII1148-08	DIAL2384B09-YT	DIAL2384B09	BOLD:AAF4051	658[0n]	2
DLCAN	DIAL695-06	D0295F10-CO	D0295F10	BOLD:AAC1122	575[1n]	2
DLCAN	DIAL113-06	DIAL0286G05-MB	DIAL0286G05	BOLD:AAC1122	613[0n]	2
DLCAN	DIAL114-06	DIAL0286G06-MB	DIAL0286G06	BOLD:AAC1122	613[0n]	2
DLCAN	DIAL431-06	DIAL0293B09-IN	perpunctatum #12	BOLD:AAC1122	624[1n]	0
DLCAN	DIAL1354-08	D00609H10-NS	D00609H10	BOLD:AAC1122	632[0n]	2
LPARA	DIAL115-06	DIAL0286G07-MB	DIAL0286G07	BOLD:AAC1122	658[0n]	2
DLCAN	DIAL111-06	DIAL0286G03-MB	DIAL0286G03	BOLD:AAC1122	658[0n]	2
DLCAN	DLII1629-09	D01561B02-MT	D01561B02	BOLD:AAC1122	658[0n]	2
DLCAN	DIAL536-06	D0287A03-CO	D0287A03	BOLD:AAC1122	658[0n]	2
DLCAN	DIAL118-06	DIAL0286G10-MB	DIAL0286G10	BOLD:AAC1122	658[0n]	2
DLCAN	DIAL117-06	DIAL0286G09-MB	DIAL0286G09	BOLD:AAC1122	658[0n]	2
DLCAN	DIAL112-06	DIAL0286G04-MB	DIAL0286G04	BOLD:AAC1122	658[0n]	2
DLCAN	DIAL123-06	DIAL0286H03-MB	DIAL0286H03	BOLD:AAC1122	658[0n]	2
DLCAN	DIAL434-06	DIAL0293C07-MN	pictum #03	BOLD:AAC1104	553[0n]	0

DLCAN	DIAL435-06	DIAL0293C08-MN pictum #04	BOLD:AAC1104	553[0n]	0
DLCAN	DIAL021-06	DIAL0293C06-MN #02	BOLD:AAC1104	562[0n]	0
DLCAN	DIAL343-06	DIAL0294C01-IN #15765	BOLD:AAC1104	613[0n]	0
DLCAN	DIAL020-06	DIAL0293C05-MN #01	BOLD:AAC1104	616[1n]	0
LPARA	DIAL103-06	DIAL0286F07-MB DIAL0286F07	BOLD:AAC1104	658[0n]	2
DLCAN	DIAL104-06	DIAL0286F08-MB DIAL0286F08	BOLD:AAC1104	658[0n]	2
DLCAN	DIAL102-06	DIAL0286F06-MB DIAL0286F06	BOLD:AAC1104	658[0n]	2
DLCAN	LASNA022-08	DIAL2385B11-MI DIAL2385B11-MI	BOLD:AAC1104	658[0n]	4
DLCAN	DIAL1281-08	D00609B09-WI D00609B09	BOLD:AAB6361	577[0n]	2
DLCAN	DIAL767-06	D1414D12-VA D1414D12	BOLD:AAB6361	579[0n]	2
DLCAN	DIAL1039-06	DIAL1391D02-NC DIAL1391D02	BOLD:AAB6361	608[0n]	1
DIAL	DIAL390-06	DIAL0294F12-NY #046092	BOLD:AAB6361	609[3n]	0
DLCAN	DIAL925-06	DIAL1390B05-ON DIAL1390B05	BOLD:AAB6361	612[0n]	1
DIAL	BOWGF1509-10	04485G12-MI 04485G12-MI	BOLD:AAB6361	612[2n]	2
DLCAN	DLII382-07	DIAL1846A06-ON DIAL1846A06	BOLD:AAB6361	616[0n]	2
DLCAN	DLII558-07	DIAL1847H06-MD DIAL1847H06	BOLD:AAB6361	623[0n]	2
DLCAN	DIAL1004-06	DIAL1391A01-VA DIAL1391A01	BOLD:AAB6361	624[0n]	2
DLCAN	DIAL844-06	DIAL1413C07-TN DIAL1413C07	BOLD:AAB6361	624[0n]	2
DIAL	BOWGF1486-10	04485F01-MI 04485F01-MI	BOLD:AAB6361	628[3n]	2
DLCAN	DLII005-06	DIAL1409A05-NC DIAL1409A05	BOLD:AAB6361	633[0n]	2
DLCAN	DIAL823-06	DIAL1413A08-VA DIAL1413A08	BOLD:AAB6361	640[0n]	2
DLCAN	DIAL996-06	DIAL1390H05-NC DIAL1390H05	BOLD:AAB6361	643[0n]	2
DLCAN	DIAL878-06	DIAL1413F05-TN DIAL1413F05	BOLD:AAB6361	645[0n]	2
DLCAN	DIAL852-06	DIAL1413D03-NC DIAL1413D03	BOLD:AAB6361	649[1n]	2
DLCAN	DIAL830-06	DIAL1413B04-ON DIAL1413B04	BOLD:AAB6361	653[0n]	2
DIAL	DLII628-07	BEE1850F06-MN BEE1850F06	BOLD:AAB6361	655[2n]	2
LPARA	DIAL1037-06	DIAL1391C12-NC DIAL1391C12	BOLD:AAB6361	657[1n]	2
DLCAN	DLII1408-08	D00607G06-BC D00607G06	BOLD:ABZ0652	600[0n]	2
DLCAN	DIAL412-06	DIAL0294H10-NB DIAL0294H10	BOLD:ABZ0652	613[0n]	0
DLCAN	DLII660-07	DIAL1848A02-NB DIAL1848A02	BOLD:ABZ0652	655[2n]	2
DLCAN	DLII730-07	DIAL1848G02-NB DIAL1848G02	BOLD:ABZ0652	657[0n]	2
DLCAN	DLII659-07	DIAL1848A01-NB DIAL1848A01	BOLD:ABZ0652	657[0n]	2
DLCAN	DLII1087-07	DIAL2388E07-NB DIAL2388E07-NB	BOLD:ABZ0652	658[0n]	2
DLCAN	DIAL1066-06	DIAL1391F05-NT DIAL1391F05	BOLD:ABZ0652	658[0n]	2
DIAL	BOWGF450-09	CCDB-00611 F10-CCDB-00611 F10	BOLD:ABZ0652	658[0n]	1
DLCAN	DLII1567-09	D01560D11-DC D01560D11	BOLD:ACE6636	522[0n]	2
DLCAN	LASNA033-08	DIAL2385C11-DC DIAL2385C11-DC	BOLD:ACE6636	582[2n]	4
DLCAN	DIAL857-06	DIAL1413D08-NC DIAL1413D08	BOLD:ACE6636	614[0n]	2
DLCAN	DIAL023-06	DIAL0293D07-WV BBSL429788	BOLD:ACE6636	620[0n]	0
DLCAN	DIAL022-06	DIAL0293D03-MD #028159	BOLD:ACE6636	620[0n]	0
DLCAN	DLII836-07	DIAL1849H02-DC DIAL1849H02	BOLD:ACE6636	641[0n]	2
DLCAN	DLII561-07	DIAL1847H09-MD DIAL1847H09	BOLD:ACE6636	645[0n]	2
LPARA	DLII713-07	DIAL1848E09-MD DIAL1848E09	BOLD:ACE6636	657[0n]	2
DLCAN	DLII1534-09	D01560B02-DC D01560B02	BOLD:ACE6636	658[0n]	2
DLCAN	DLII1537-09	D01560B05-DC D01560B05	BOLD:ACE6636	658[0n]	3
DLCAN	DLII818-07	DIAL1849F08-MD DIAL1849F08	BOLD:ACE6636	658[0n]	2
DLCAN	DIAL1311-08	D00609E03-MT D00609E03	BOLD:AAB3612	550[0n]	2
DLCAN	DIAL710-06	D0295H01-CO D0295H01	BOLD:AAB3612	600[0n]	2
DLCAN	DIAL1416-09	D01559F01-AB D01559F01	BOLD:AAB3612	606[0n]	2
DLCAN	DLII1019-07	DIAL2386G09-WA DIAL2386G09	BOLD:AAB3612	641[0n]	2
DLCAN	DIAL700-06	D0295G03-CO D0295G03	BOLD:AAB3612	654[0n]	2
DLCAN	DLII1155-08	DIAL2384C05-AB DIAL2384C05	BOLD:AAB3612	657[1n]	2
DLCAN	DLII717-07	DIAL1848F01-CO DIAL1848F01	BOLD:AAB3612	657[0n]	2
LPARA	DIAL1389-09	D01559C10-AB D01559C10	BOLD:AAB3612	658[0n]	2
DLCAN	DLII1026-07	DIAL2386H04-WA DIAL2386H04	BOLD:AAB3612	658[0n]	2

DLCAN	DIAL698-06	D0295G01-CO	D0295G01	BOLD:AAB3612	658[0n]	2
DLCAN	DIAL1445-09	D01559H06-BC	D01559H06	BOLD:AAB3612	658[0n]	2
DLCAN	DIAL557-06	D0287C02-CO	D0287C02	BOLD:AAB3612	658[0n]	2
DLCAN	DIAL1433-09	D01559G06-BC	D01559G06	BOLD:AAB3612	658[0n]	2
DLCAN	DIAL1448-09	D01559H09-BC	D01559H09	BOLD:AAB3612	658[0n]	2
DLCAN	DIAL1366-09	D01559A11-MT	D01559A11	BOLD:AAB3612	658[0n]	2
DLCAN	DLII1156-08	DIAL2384C06-AB	DIAL2384C06	BOLD:AAB3612	658[0n]	2
DLCAN	DLII1101-07	DIAL2388F09-UT	DIAL2388F09-UT	BOLD:AAB3612	658[0n]	2
DLCAN	DIAL223-06	BEE0289H09-MB	BEE0289H09	BOLD:AAC1101	596[2n]	1
DLCAN	DIAL221-06	BEE0289H07-MB	BEE0289H07	BOLD:AAC1101	598[1n]	0
DLCAN	DLII085-06	DIAL1409H03-MB	DIAL1409H03	BOLD:AAC1101	604[1n]	2
DLCAN	DIAL220-06	BEE0289H06-MB	BEE0289H06	BOLD:AAC1101	609[0n]	2
DLCAN	DIAL224-06	BEE0289H10-MB	BEE0289H10	BOLD:AAC1101	613[0n]	2
DLCAN	DLII1116-07	DIAL2388G12-AZ	DIAL2388G12-AZ	BOLD:AAC1101	623[1n]	2
LPARA	DLII918-07	DIAL2374G02-UT	DIAL2374G02	BOLD:AAC1101	ZION21740	2
DLCAN	DLII862-07	DIAL2374B05-UT	DIAL2374B05	BOLD:AAC1101	BBSL428648	2
DLCAN	DLII301-07	DIAL1845B08-CA	DIAL1845B08	BOLD:AAD9279	624[0n]	2
DLCAN	DLII1456-08	D00608C07-CA	D00608C07	BOLD:AAD9279	636[0n]	2
DLCAN	DLII295-07	DIAL1845B02-CA	DIAL1845B02	BOLD:AAD9279	637[0n]	2
DLCAN	DIAL1104-07	DIAL2387A07-ID	DIAL2387A07	BOLD:AAD9279	654[1n]	2
DIAL	BWTWO930-10	B03765G03-BC	B03765G03-BC	BOLD:AAD9279	658[0n]	2
LTEG	DLII696-07	DIAL1848D04-FL	DIAL1848D04	BOLD:AAD7708	611[0n]	2
LTEG	DIAL027-06	DIAL0293E07-FL	#032210	BOLD:AAD7708	614[0n]	0
LTEG	DIAL029-06	DIAL0293E09-FL	#032211	BOLD:AAD7708	615[0n]	0
LTEG	DIAL028-06	DIAL0293E08-FL	#032175	BOLD:AAD7708	615[0n]	0
LTEG	DLII465-07	DIAL1846H07-SC	DIAL1846H07	BOLD:AAD7708	619[0n]	2
LTEG	DLII474-07	DIAL1847A04-FL	DIAL1847A04	BOLD:AAD7708	619[0n]	2
LTEG	DIAL866-06	DIAL1413E05-FL	DIAL1413E05	BOLD:AAD7708	622[0n]	2
DIAL	DLII398-07	DIAL1846B11-MS	DIAL1846B11	BOLD:AAD7708	634[0n]	2
LTEG	DLII472-07	DIAL1847A02-FL	DIAL1847A02	BOLD:AAD7708	635[0n]	2
LTEG	DIAL496-06	D0288E11-SC	D0288E11	BOLD:AAD7708	644[0n]	2
LTEG	DLII435-07	DIAL1846F01-SC	DIAL1846F01	BOLD:AAD7708	645[0n]	2
DIAL	DLII396-07	DIAL1846B09-MS	DIAL1846B09	BOLD:AAD7708	645[0n]	2
DIAL	DLII411-07	DIAL1846D01-MS	DIAL1846D01	BOLD:AAD7708	645[0n]	2
LTEG	DIAL514-06	D0288G05-FL	D0288G05	BOLD:AAD7708	657[1n]	2
LTEG	DIAL513-06	D0288G04-FL	D0288G04	BOLD:AAD7708	657[1n]	2
LTEG	DIAL501-06	D0288F04-SC	D0288F04	BOLD:AAD7708	657[1n]	2
LTEG	DIAL487-06	D0288E02-NC	D0288E02	BOLD:AAD7708	657[1n]	2
LTEG	DIAL473-06	D0288C12-FL	D0288C12	BOLD:AAD7708	657[1n]	2
LTEG	DIAL498-06	D0288F01-SC	D0288F01	BOLD:AAD7708	658[0n]	2
DIAL	BWTWO856-10	B03765A01-GA	B03765A01-GA	BOLD:AAD7708	658[0n]	2
LPARA	DIAL1375-09	D01559B08-GA	D01559B08	BOLD:AAE1191	658[0n]	2
DIAL	DIAL1390-09	D01559C11-GA	D01559C11	BOLD:AAE1191	658[0n]	2
DIAL	DIAL1404-09	D01559E01-GA	D01559E01	BOLD:AAE1191	658[0n]	2
LPARA	DLII413-07	DIAL1846D03-MS	DIAL1846D03	BOLD:AAC7048	645[0n]	2
DLCAN	DLII401-07	DIAL1846C03-MS	DIAL1846C03	BOLD:AAD7869	645[0n]	2
DIAL	DLII1664-09	D01561E01-MA	D01561E01	BOLD:AAD7869	653[5n]	2
LPARA	DLII700-07	DIAL1848D08-MD	DIAL1848D08	BOLD:AAD7869	657[0n]	2
DLCAN	DLII698-07	DIAL1848D06-WV	DIAL1848D06	BOLD:AAD7869	657[0n]	2
DLCAN	LASNA027-08	DIAL2385C05-MD	DIAL2385C05-MD	BOLD:AAD7869	658[0n]	4
DLCAN	DLII820-07	DIAL1849F10-MD	DIAL1849F10	BOLD:AAD7869	658[0n]	2
DIAL	DLII1140-08	DIAL2384B01-YT	DIAL2384B01	BOLD:AAE5185	642[1n]	2
DIAL	DLII1138-08	DIAL2384A10-YT	DIAL2384A10	BOLD:AAE5185	658[0n]	2
DIAL	DLII1142-08	DIAL2384B03-YT	DIAL2384B03	BOLD:AAE5185	658[0n]	2
CNBEE	DLII1136-08	DIAL2384A08-YT	DIAL2384A08	BOLD:AAE5185	658[0n]	2

DIAL	BWTWO126-09	B01558C07-AB	CCDB-01558C7	BOLD:ACE3475		558[4n]	3
DLCAN	DIAL1123-07	DIAL2387C04-NM	DIAL2387C04	BOLD:ACE3475		580[0n]	2
DLCAN	DIAL1274-08	D00609B02-MT	D00609B02	BOLD:AAA5895		603[2n]	2
DLCAN	DLII001-09	D01562A01-MT	D01562A01	BOLD:AAA5895		626[0n]	2
DLCAN	DLII919-07	DIAL2374G03-NV	DIAL2374G03	BOLD:ACE3476	BBSL577864	636[0n]	2
DIAL	BOWGF1881-10	03767G04-BC	03767G04-BC	BOLD:AAA5895		636[0n]	2
DIAL	BOWGF466-09	CCDB-00611 H02	CCDB-00611 H02	BOLD:AAA5895		645[0n]	1
DIAL	DIAL716-06	D0295H07-CO	D0295H07	BOLD:AAA5893		648[6n]	2
DIAL	BOWGF571-09	CCDB-01557 A01	CCDB-01557 A01	BOLD:AAA5893		655[2n]	2
DLCAN	DLII1153-08	DIAL2384C03-AB	DIAL2384C03	BOLD:ACE3475		657[1n]	2
DLCAN	DIAL712-06	D0295H03-CO	D0295H03	BOLD:AAA5893		657[1n]	2
DLCAN	DIAL1439-09	D01559G12-BC	D01559G12	BOLD:AAA5895		658[0n]	2
DLCAN	DLII1417-08	D00607H03-SK	D00607H03	BOLD:AAA5893		658[0n]	2
DLCAN	DLII1013-07	DIAL2386G03-BC	DIAL2386G03	BOLD:AAA5895		658[0n]	2
DLCAN	DLII864-07	DIAL2374B07-UT	DIAL2374B07	BOLD:AAA5894	BBSL475705	658[0n]	2
DLCAN	DLII1063-07	DIAL2388C07-NV	DIAL2388C07-NV	BOLD:ACE3476		658[0n]	2
DLCAN	DLII1670-09	D01561E07-SK	D01561E07	BOLD:AAA5893		658[0n]	2
DLCAN	DLII1665-09	D01561E02-SK	D01561E02	BOLD:AAA5893		658[0n]	2
DLCAN	DLIII048-09	D01562D12-BC	D01562D12	BOLD:AAA5895		658[0n]	2
DLCAN	DIAL1363-09	D01559A08-AB	D01559A08	BOLD:AAA5893		658[0n]	2
DIAL	BOWGF1573-10	04486E05-WA	04486E05-WA	BOLD:AAA5895		658[0n]	2
DIAL	BOWGF475-09	CCDB-00611 H11	CCDB-00611 H11	BOLD:AAA5893		658[0n]	1
DIAL	BOWGF1883-10	03767G06-BC	03767G06-BC	BOLD:AAA5895		658[0n]	2
DIAL	BWTWO909-10	B03765E06-BC	B03765E06-BC	BOLD:AAA5895		658[0n]	2
CNBEE	BOWGF574-09	CCDB-01557 A04	CCDB-01557 A04	BOLD:AAA5893		658[0n]	2
DIAL	BWTWO1105-10	06732E12-WY	06732E12-WY	BOLD:AAA5895		658[0n]	2
DIAL	DLII948-07	DIAL2386A08-NV	DIAL2386A08	BOLD:ACE3476	BBSL530045	658[0n]	2
DLCAN	DLIII046-09	D01562D10-ON	D01562D10	BOLD:ABZ0652		530[1n]	0
DIAL	DIAL130-06	DIAL0286H10-MB	DIAL0286H10	BOLD:ABZ0652		597[4n]	3
DLCAN	DIAL315-06	DIAL0291H07-MB	DIAL0291H07	BOLD:ABZ0652		598[0n]	2
DLCAN	DIAL313-06	DIAL0291H05-MB	DIAL0291H05	BOLD:ABZ0652		598[0n]	2
DLCAN	DIAL314-06	DIAL0291H06-MB	DIAL0291H06	BOLD:ABZ0652		601[0n]	2
DLCAN	DIAL131-06	DIAL0286H11-MB	DIAL0286H11	BOLD:ABZ0652		603[1n]	2
DLCAN	DIAL127-06	DIAL0286H07-MB	DIAL0286H07	BOLD:ABZ0652		604[0n]	4
DLCAN	DIAL128-06	DIAL0286H08-MB	DIAL0286H08	BOLD:ABZ0652		611[0n]	3
DIAL	BWTWO927-10	B03765F12-BC	B03765F12-BC	BOLD:ABZ0652		614[0n]	1
DLCAN	DLII086-06	DIAL1409H04-MB	DIAL1409H04	BOLD:ABZ0652		617[0n]	2
DLCAN	DLII084-06	DIAL1409H02-MB	DIAL1409H02	BOLD:ABZ0652		645[0n]	2
DIAL	BOWGF579-09	CCDB-01557 A09	CCDB-01557 A09	BOLD:ABZ0652		654[3n]	2
DIAL	DLIII028-09	D01562C04-MB	D01562C04	BOLD:ABZ0652		654[4n]	2
DLCAN	DLII1530-09	D01560A10-WI	D01560A10	BOLD:ABZ0652		658[0n]	2
DLCAN	DIAL316-06	DIAL0291H08-MB	DIAL0291H08	BOLD:ABZ0652		658[0n]	2
DLCAN	DLIII050-09	D01562E02-MB	D01562E02	BOLD:ABZ0652		658[0n]	2
DLCAN	DLIII033-09	D01562C09-ON	D01562C09	BOLD:ABZ0652		658[0n]	2
DIAL	BOWGF577-09	CCDB-01557 A07	CCDB-01557 A07	BOLD:ABZ0652		658[0n]	2
DIAL	BWTWO924-10	B03765F09-BC	B03765F09-BC	BOLD:ABZ0652		658[0n]	2
DIAL	BOWGF580-09	CCDB-01557 A10	CCDB-01557 A10	BOLD:ABZ0652		658[0n]	2
DIAL	BOWGF581-09	CCDB-01557 A11	CCDB-01557 A11	BOLD:ABZ0652		658[0n]	2
DIAL	BWTWO921-10	B03765F06-BC	B03765F06-BC	BOLD:ABZ0652		658[0n]	2
DLII	DLII1491-08	D00608F06-BC	D00608F06	BOLD:ACF5350		634[1n]	3
LPARA	BHTT184-09	B03751H05-BC	B03751H05-BC	BOLD:ACF5350		658[0n]	2
DLCAN	DIAL1411-09	D01559E08-BC	D01559E08	BOLD:ACF5350		658[0n]	2
DLCAN	DLII1390-08	D00607E12-UT	D00607E12	BOLD:ACF5350		658[0n]	2
DLCAN	DLII1474-08	D00608E01-BC	D00608E01	BOLD:ACF5350		658[0n]	2
DLCAN	DLII1681-09	D01561F06-BC	D01561F06	BOLD:ACF5350		658[0n]	2

DIAL	BWTWO915-10	B03765E12-BC	B03765E12-BC	BOLD:ACF5350		658[0n]	2
DLCAN	DIAL686-06	D0295F01-CO	D0295F01	BOLD:ABZ3764		574[0n]	2
DLCAN	DLII897-07	DIAL2374E05-WA	DIAL2374E05	BOLD:ABZ3764	BBSL696917	599[0n]	2
DIAL	BOWGF468-09	CCDB-00611 H04	CCDB-00611 H04	BOLD:ABZ3764		611[0n]	4
DLCAN	DIAL1436-09	D01559G09-BC	D01559G09	BOLD:ABZ3764		632[0n]	1
DLCAN	DIAL708-06	D0295G11-CO	D0295G11	BOLD:ABZ3764		651[0n]	2
DLCAN	DIAL1122-07	DIAL2387C03-ID	DIAL2387C03	BOLD:ABZ3764		653[2n]	2
LPARA	DIAL689-06	D0295F04-CO	D0295F04	BOLD:ABZ3764		658[0n]	2
DLCAN	DLII896-07	DIAL2374E04-WA	DIAL2374E04	BOLD:ABZ3764	BBSL696048	658[0n]	2
DLCAN	DIAL1378-09	D01559B11-BC	D01559B11	BOLD:ABZ3764		658[0n]	2
DLCAN	DIAL1382-09	D01559C03-BC	D01559C03	BOLD:ABZ3764		658[0n]	2
DLCAN	DIAL720-06	D0295H11-CO	D0295H11	BOLD:ABZ3764		658[0n]	2
DLCAN	DIAL556-06	D0287C01-CO	D0287C01	BOLD:ABZ3764		658[0n]	2
DLCAN	DIAL545-06	D0287B01-CO	D0287B01	BOLD:ABZ3764		658[0n]	2
DLCAN	DLII010-09	D01562A10-MT	D01562A10	BOLD:ABZ3764		658[0n]	2
DLCAN	DIAL703-06	D0295G06-CO	D0295G06	BOLD:ABZ3764		658[0n]	2
DIAL	BOWGF467-09	CCDB-00611 H03	CCDB-00611 H03	BOLD:ABZ3764		658[0n]	1
DIAL	DLII1080-07	DIAL2388D12-NM	DIAL2388D12-NM	BOLD:AAB1546		555[3n]	2
DIAL	DIAL1260-08	DIAL0293H09-AZ	DIAL0293H09	BOLD:AAB1546		582[1n]	0
DLCAN	ASBEE065-08	D-3262F07-NM	D-3262F07-NM	BOLD:AAB1546		601[0n]	2
DLCAN	DIAL704-06	D0295G07-CO	D0295G07	BOLD:AAB1546		607[2n]	2
DLCAN	DLII684-07	DIAL1848C04-MN	DIAL1848C04	BOLD:AAB1546		619[0n]	1
DLCAN	DLII718-07	DIAL1848F02-MN	DIAL1848F02	BOLD:AAB1546		619[1n]	2
DLCAN	DLII674-07	DIAL1848B05-AZ	DIAL1848B05	BOLD:AAB1546		633[0n]	2
DIAL	DLII768-07	DIAL1849B05-AZ	DIAL1849B05	BOLD:AAB1546		644[4n]	2
DLCAN	DLII531-07	DIAL1847F03-TX	DIAL1847F03	BOLD:AAB1546		645[0n]	2
DLCAN	DLII808-07	DIAL1849E10-AZ	DIAL1849E10	BOLD:AAB1546		655[0n]	2
DLCAN	DIAL539-06	D0287A06-CO	D0287A06	BOLD:AAB1546		656[2n]	2
LPARA	DLII916-07	DIAL2374F12-UT	DIAL2374F12	BOLD:AAB1546	ZION21139	657[0n]	2
DLCAN	DIAL699-06	D0295G02-CO	D0295G02	BOLD:AAB1546		657[1n]	2
DLCAN	DLII800-07	DIAL1849E02-CO	DIAL1849E02	BOLD:AAB1546		657[1n]	2
DLCAN	DLII670-07	DIAL1848B01-AZ	DIAL1848B01	BOLD:AAB1546		657[0n]	2
DLCAN	DLII683-07	DIAL1848C03-MN	DIAL1848C03	BOLD:AAB1546		657[0n]	2
DLCAN	DLII1630-09	D01561B03-CA	D01561B03	BOLD:AAB1546		658[0n]	2
DLCAN	DLII953-07	DIAL2386B02-NV	DIAL2386B02	BOLD:AAB1546	BBSL575216	658[0n]	2
DLCAN	DLII917-07	DIAL2374G01-UT	DIAL2374G01	BOLD:AAB1546	ZION22020	658[0n]	2
DLCAN	DLII1082-07	DIAL2388E02-NM	DIAL2388E02-NM	BOLD:AAB1546		658[0n]	2
DLCAN	DLII780-07	DIAL1849C06-CO	DIAL1849C06	BOLD:AAB1546		658[0n]	2
DLCAN	DIAL119-06	DIAL0286G11-MB	DIAL0286G11	BOLD:AAB1546		658[0n]	2
DLCAN	DIAL537-06	D0287A04-CO	D0287A04	BOLD:AAB1546		658[0n]	2
DLCAN	DIAL713-06	D0295H04-CO	D0295H04	BOLD:AAB1546		658[0n]	2
DLCAN	DIAL701-06	D0295G04-CO	D0295G04	BOLD:AAB1546		658[0n]	2
DLCAN	DIAL120-06	DIAL0286G12-MB	DIAL0286G12	BOLD:AAB1546		658[0n]	2
DLCAN	DIAL116-06	DIAL0286G08-MB	DIAL0286G08	BOLD:AAB1546		658[0n]	2
DIAL	BWTWO1132-10	06732H03-CO	06732H03-CO	BOLD:AAB1546		658[0n]	2
DLCAN	LASNA057-08	DIAL2385E11-NS	DIAL2385E11-NS	BOLD:ACF5692		574[0n]	4
DLCAN	LASNA002-08	DIAL2385A02-NS	DIAL2385A02-NS	BOLD:ACF5692		597[1n]	2
DLCAN	LASNA059-08	DIAL2385F01-NS	DIAL2385F01-NS	BOLD:ACF5692		599[0n]	2
DLCAN	LASNA062-08	DIAL2385F04-NS	DIAL2385F04-NS	BOLD:ACF5692		612[0n]	4
LPARA	DLII695-07	DIAL1848D03-NS	DIAL1848D03	BOLD:ACF5692		657[0n]	2
DLCAN	DLII694-07	DIAL1848D02-NS	DIAL1848D02	BOLD:ACF5692		657[0n]	2
DLCAN	DLII1525-09	D01560A05-WI	D01560A05	BOLD:ACF5692		658[0n]	2
LPARA	DLII1218-08	DIAL2384H08-MD	DIAL2384H08-MD	BOLD:ACE5372		658[0n]	2
DIAL	DLII839-07	DIAL1849H05-MD	DIAL1849H05	BOLD:ACE5372		658[0n]	2
DIAL	DIAL337-06	DIAL0294B06-IN	#6716	BOLD:AAE1871		609[4n]	0

DLII	DLII737-07	DIAL1848G09-AB	DIAL1848G09	BOLD:AAX0151	610[1n]	2
LPARA	DLIII051-09	D01562E03-NS	D01562E03	BOLD:AAA8348	658[0n]	2
DLCAN	LASNA001-08	DIAL2385A01-SK	DIAL2385A01-SK	BOLD:AAA8348	658[0n]	4
DLCAN	LASNA005-08	DIAL2385A05-SK	DIAL2385A05-SK	BOLD:AAA8348	658[0n]	4
DLII	DLII1551-09	D01560C07-IA	D01560C07	BOLD:ABZ0652	547[0n]	2
DLII	DLII1297-08	D-3253F03-MO	D-3253F03	BOLD:ABZ0652	553[2n]	2
DLCAN	DIAL486-06	D0288E01-VA	D0288E01	BOLD:ABZ0652	576[0n]	2
DLII	LASNA055-08	DIAL2385E09-NS	DIAL2385E09-NS	BOLD:ABZ0652	583[1n]	4
DLII	DIAL471-06	D0288C10-VA	D0288C10	BOLD:ABZ0652	600[0n]	2
DLII	DIAL385-06	DIAL0294F07-MD	#045294	BOLD:ABZ0652	606[2n]	0
DLCAN	DIAL430-06	DIAL0293B04-MD	obongum 020194	BOLD:ABZ0652	609[2n]	0
DLCAN	DIAL393-06	DIAL0294G03-MD	#012348	BOLD:ABZ0652	610[1n]	0
DLII	DIAL429-06	DIAL0293B03-MD	oblongum 020202	BOLD:ABZ0652	610[1n]	0
DLCAN	DIAL394-06	DIAL0294G04-MD	#012349	BOLD:ABZ0652	611[2n]	0
DLII	DIAL350-06	DIAL0294C08-IN	/lineat#15367	BOLD:ABZ0652	612[1n]	0
DLCAN	DIAL415-06	DIAL0292A03-MD	abanci 019384	BOLD:ABZ0652	618[2n]	0
DLCAN	DIAL416-06	DIAL0292A04-MD	abanci 009068	BOLD:ABZ0652	619[1n]	0
DIAL	BOWGF1124-10	B04743G07-MA	B04743G07-MA	BOLD:ABZ0652	621[1n]	2
DIAL	BOWGF1118-10	B04743G01-MA	B04743G01-MA	BOLD:ABZ0652	625[0n]	2
DLCAN	DLII442-07	DIAL1846F08-WV	DIAL1846F08	BOLD:ABZ0652	628[0n]	2
DLII	DLII692-07	DIAL1848C12-WV	DIAL1848C12	BOLD:ABZ0652	PCYU 631[0n]	2
DIAL	BOWGF1086-10	B04743D05-NS	B04743D05-NS	BOLD:ABZ0652	632[0n]	3
DLCAN	DLII1483-08	D00608E10-IN	D00608E10	BOLD:ABZ0652	637[0n]	2
DLCAN	DLIII017-09	D01562B05-ON	D01562B05	BOLD:ABZ0652	652[1n]	1
DIAL	BOWGF1135-10	B04743H06-MA	B04743H06-MA	BOLD:ABZ0652	654[0n]	2
DLII	DIAL1054-06	DIAL1391E05-TN	DIAL1391E05	BOLD:ABZ0652	654[0n]	2
DLCAN	DLII1385-08	D00607E07-CT	D00607E07	BOLD:ABZ0652	658[0n]	2
DLCAN	DIAL452-06	D0288B02-MD	D0288B02	BOLD:ABZ0652	658[0n]	2
DLCAN	DIAL1409-09	D01559E06-ON	D01559E06	BOLD:ABZ0652	658[0n]	2
DLCAN	DLII1340-08	D00607A10-CT	D00607A10	BOLD:ABZ0652	658[0n]	2
DLCAN	DLII828-07	DIAL1849G06-NH	DIAL1849G06	BOLD:ABZ0652	658[0n]	2
DLCAN	DLII1521-09	D01560A01-WI	D01560A01	BOLD:ABZ0652	658[0n]	2
DIAL	BHTT014-09	B03750B02-MA	B03750B02-MA	BOLD:ABZ0652	658[0n]	2
DIAL	BOWGF460-09	CCDB-00611 G08	CCDB-00611 G08	BOLD:ABZ0652	658[0n]	1
DIAL	BOWGF443-09	CCDB-00611 F03	CCDB-00611 F03	BOLD:ABZ0652	658[0n]	1
DIAL	BOWGF1120-10	B04743G03-MA	B04743G03-MA	BOLD:ABZ0652	658[0n]	2
DIAL	BOWGF1131-10	B04743H02-MA	B04743H02-MA	BOLD:ABZ0652	658[0n]	2
DIAL	BOWGF455-09	CCDB-00611 G03	CCDB-00611 G03	BOLD:ABZ0652	658[0n]	1
DIAL	BOWGF456-09	CCDB-00611 G04	CCDB-00611 G04	BOLD:ABZ0652	658[0n]	1
DLII	BOWGF1084-10	B04743D03-NS	B04743D03-NS	BOLD:ABZ0652	658[0n]	2
DLII	DLII1485-08	D00608E12-IN	D00608E12	BOLD:ABZ0652	658[0n]	2
DLII	DLIII055-09	D01562E07-NS	D01562E07	BOLD:ABZ0652	658[0n]	2
DLCAN	DLII1556-09	D01560C12-IA	D01560C12	BOLD:ACF2785	600[0n]	2
DLCAN	DIAL108-06	DIAL0286F12-MB	DIAL0286F12	BOLD:ACF2785	604[0n]	4
DLCAN	DIAL106-06	DIAL0286F10-MB	DIAL0286F10	BOLD:ACF2785	609[0n]	3
LPARA	DLII743-07	DIAL1848H03-AB	DIAL1848H03	BOLD:ACF2785	620[0n]	2
DLCAN	DIAL921-06	DIAL1390B01-ON	DIAL1390B01	BOLD:ACF2785	654[0n]	2
DIAL	DIAL026-06	DIAL0293E04-FL	#031875	BOLD:AAX0169	603[0n]	0
DIAL	DLII1279-08	D-3253D09-FL	D-3253D09	BOLD:AAE5196	574[1n]	2
DIAL	DLII1286-08	D-3253E04-FL	D-3253E04	BOLD:AAE5196	632[1n]	2
DIAL	DLII1661-09	D01561D10-FL	D01561D10	BOLD:AAE5196	658[0n]	2
DIAL	DIAL1359-09	D01559A04-FL	D01559A04	BOLD:AAE5196	658[0n]	2
DIAL	DIAL663-06	D0295D02-DC	D0295D02	BOLD:ABZ0652	593[4n]	2
DLCAN	DLII1442-08	D00608B05-ON	D00608B05	BOLD:ABZ0652	607[0n]	2
DLCAN	DLII1440-08	D00608B03-ON	D00608B03	BOLD:ABZ0652	630[0n]	2

LTEG	DIAL745-06	D1414C02-VA	D1414C02	BOLD:AAD7708	604[0n]	2
LTEG	DIAL367-06	DIAL0294E01-VA	#032884	BOLD:AAD7708	614[0n]	0
LTEG	DIAL366-06	DIAL0294D12-NY	#046015	BOLD:AAD7708	614[0n]	0
LTEG	DIAL742-06	D1414B10-VA	D1414B10	BOLD:AAD7708	614[0n]	2
LTEG	DIAL744-06	D1414C01-VA	D1414C01	BOLD:AAD7708	618[0n]	2
DLCAN	DLII1300-08	D-3253F06-MO	D-3253F06	BOLD:AAD7708	622[0n]	2
DIAL	DLII393-07	DIAL1846B06-MS	DIAL1846B06	BOLD:AAD7708	641[0n]	2
DLCAN	DLII562-07	DIAL1847H10-MD	DIAL1847H10	BOLD:AAD7708	643[2n]	2
LTEG	DLII468-07	DIAL1846H10-MD	DIAL1846H10	BOLD:AAD7708	645[0n]	2
DIAL	DLII391-07	DIAL1846B04-MS	DIAL1846B04	BOLD:AAD7708	645[0n]	2
LTEG	DIAL824-06	DIAL1413A09-VA	DIAL1413A09	BOLD:AAD7708	653[0n]	2
DIAL	BOWGF895-09	B01566D04-TX	B01566D04	BOLD:AAD7708	656[2n]	2
LTEG	DIAL493-06	D0288E08-WV	D0288E08	BOLD:AAD7708	657[1n]	2
LTEG	DIAL743-06	D1414B11-VA	D1414B11	BOLD:AAD7708	658[0n]	2
LTEG	DIAL1051-06	DIAL1391E02-SC	DIAL1391E02	BOLD:AAD7708	658[0n]	1
LTEG	DIAL1050-06	DIAL1391E01-SC	DIAL1391E01	BOLD:AAD7708	658[0n]	2
LTEG	DIAL518-06	D0288G09-SC	D0288G09	BOLD:AAD7708	658[0n]	2
LTEG	DIAL495-06	D0288E10-NC	D0288E10	BOLD:AAD7708	658[0n]	2
LTEG	DIAL490-06	D0288E05-WV	D0288E05	BOLD:AAD7708	658[0n]	2
LTEG	DIAL485-06	D0288D12-WV	D0288D12	BOLD:AAD7708	658[0n]	2
LTEG	DIAL684-06	D0295E11-DC	D0295E11	BOLD:AAD7708	658[0n]	2
LTEG	DIAL683-06	D0295E10-DC	D0295E10	BOLD:AAD7708	658[0n]	2
LTEG	DIAL091-06	BEE0286E07-VA	BEE0286E07	BOLD:AAD7708	658[0n]	2
DLCAN	DLII1356-08	D00607C02-MO	D00607C02	BOLD:AAD7708	658[0n]	2
DLCAN	DLII1331-08	D00607A01-NE	D00607A01	BOLD:AAD7708	658[0n]	2
DIAL	BWTWO1071-10	06732C02-DC	06732C02-DC	BOLD:AAD7708	658[0n]	2
DLCAN	DIAL1125-07	DIAL2387C06-YT	DIAL2387C06	BOLD:AAB6998	550[3n]	2
DLCAN	DLII337-07	DIAL1845E09-NL	DIAL1845E09	BOLD:AAB6998	576[0n]	2
DLCAN	DLII334-07	DIAL1845E06-NL	DIAL1845E06	BOLD:AAB6998	610[1n]	2
DLCAN	DLII1139-08	DIAL2384A11-YT	DIAL2384A11	BOLD:AAB6998	617[1n]	2
DLCAN	DIAL1028-06	DIAL1391C03-NC	DIAL1391C03	BOLD:AAB6998	619[0n]	1
DLCAN	DLII1131-08	DIAL2384A03-YT	DIAL2384A03	BOLD:AAB6998	634[0n]	2
DLCAN	DLII1130-08	DIAL2384A02-YT	DIAL2384A02	BOLD:AAB6998	637[0n]	2
DLCAN	DLII340-07	DIAL1845E12-NL	DIAL1845E12	BOLD:AAB6998	645[0n]	2
DLCAN	DLII341-07	DIAL1845F01-NL	DIAL1845F01	BOLD:AAB6998	645[0n]	2
DIAL	DIAL1118-07	DIAL2387B10-YT	DIAL2387B10	BOLD:AAB6998	650[5n]	2
DLCAN	DIAL1029-06	DIAL1391C04-NC	DIAL1391C04	BOLD:AAB6998	652[0n]	2
DLCAN	DIAL1112-07	DIAL2387B04-YT	DIAL2387B04	BOLD:AAB6998	655[0n]	2
DLCAN	DLII1134-08	DIAL2384A06-YT	DIAL2384A06	BOLD:AAB6998	657[0n]	2
DLCAN	DLII668-07	DIAL1848A10-NB	DIAL1848A10	BOLD:AAB6998	657[0n]	2
DLCAN	DLII1137-08	DIAL2384A09-YT	DIAL2384A09	BOLD:AAB6998	657[0n]	2
DLCAN	DLII1147-08	DIAL2384B08-YT	DIAL2384B08	BOLD:AAB6998	658[0n]	2
DLCAN	DLII1129-08	DIAL2384A01-YT	DIAL2384A01	BOLD:AAB6998	658[0n]	2
DLCAN	DLII1141-08	DIAL2384B02-YT	DIAL2384B02	BOLD:AAB6998	658[0n]	2
DLCAN	DLII1149-08	DIAL2384B10-YT	DIAL2384B10	BOLD:AAB6998	658[0n]	2
DLCAN	DIAL932-06	DIAL1390C01-ON	DIAL1390C01	BOLD:AAE1693	614[3n]	1
DLCAN	DIAL934-06	DIAL1390C03-ON	DIAL1390C03	BOLD:AAE1693	654[0n]	2
DLCAN	DLII645-07	BEE1850G11-ME	BEE1850G11	BOLD:AAE1693	657[0n]	2
DIAL	DIAL804-06	D1414H01-VA	D1414H01	BOLD:AAB2245	600[0n]	2
DIAL	DIAL418-06	DIAL0292A11-WV	admirandum 0109	BOLD:AAB2245	611[0n]	0
DIAL	DIAL372-06	DIAL0294E06-MD	#041908	BOLD:AAB2245	611[1n]	0
DIAL	LASNA060-08	DIAL2385F02-MD	DIAL2385F02-MD	BOLD:AAB2245	612[0n]	4
DIAL	DIAL378-06	DIAL0294E12-MD	#023397	BOLD:AAB2245	612[1n]	0
DIAL	DIAL373-06	DIAL0294E07-IN	#021006	BOLD:AAB2245	613[0n]	0
DIAL	DIAL432-06	DIAL0293B10-WV	perpunctatum 032	BOLD:AAB2245	619[0n]	0

DIAL	DIAL031-06	DIAL0293F02-NC	#023965	BOLD:AAB2245	619[0n]	0
DIAL	DLII1425-08	D00607H11-KS	D00607H11	BOLD:AAB2245	622[0n]	2
DIAL	BWTWO138-09	B01558D07-NC	CCDB-01558D7	BOLD:AAB2245	623[0n]	1
DIAL	DLII1432-08	D00608A07-KS	D00608A07	BOLD:AAB2245	624[0n]	2
DIAL	DIAL466-06	D0288C05-DC	D0288C05	BOLD:AAB2245	643[0n]	1
DIAL	DLII018-06	DIAL1409B07-NC	DIAL1409B07	BOLD:AAB2245	645[0n]	2
DIAL	DLII414-07	DIAL1846D04-MS	DIAL1846D04	BOLD:AAB2245	645[0n]	2
DIAL	DIAL899-06	DIAL1413H02-NC	DIAL1413H02	BOLD:AAB2245	655[0n]	2
LPARA	DIAL481-06	D0288D08-NC	D0288D08	BOLD:AAB2245	658[0n]	2
DIAL	LASNA034-08	DIAL2385C12-SC	DIAL2385C12-SC	BOLD:AAB2245	658[0n]	4
DIAL	DLII784-07	DIAL1849C10-CO	DIAL1849C10	BOLD:AAB2245	658[0n]	2
DIAL	DLII1345-08	D00607B03-KS	D00607B03	BOLD:AAB2245	658[0n]	1
DIAL	DLII1423-08	D00607H09-KS	D00607H09	BOLD:AAB2245	658[0n]	2
DIAL	BWTWO1094-10	06732E01-MD	06732E01-MD	BOLD:AAB2245	658[0n]	2
DIAL	DIAL727-06	D1414A06-IL	D1414A06	BOLD:AAB2245	658[0n]	2
DIAL	BWTWO876-10	B03765B09-GA	B03765B09-GA	BOLD:AAB2245	658[0n]	2
DIAL	BWTWO139-09	B01558D08-NC	CCDB-01558D8	BOLD:AAB2245	658[0n]	2
DIAL	BWTWO134-09	B01558D03-NC	CCDB-01558D3	BOLD:AAB2245	658[0n]	2
DIAL	BWTWO131-09	B01558C12-NC	CCDB-01558C12	BOLD:AAB2245	658[0n]	2
DIAL	DIAL458-06	D0288B08-SC	D0288B08	BOLD:AAB2245	658[0n]	2
DIAL	DIAL456-06	D0288B06-NC	D0288B06	BOLD:AAB2245	658[0n]	2
DIAL	DIAL1045-06	DIAL1391D08-NC	DIAL1391D08	BOLD:AAB2245	658[0n]	2
DLCAN	DIAL1059-06	DIAL1391E10-NC	DIAL1391E10		501[3n]	1
DLCAN	DIAL438-06	DIAL0293F04-TN	versans 000503	BOLD:ABZ6180	606[1n]	0
DLCAN	DIAL032-06	DIAL0293F05-TN	#000504	BOLD:ACE3474	614[0n]	0
DLCAN	DIAL1030-06	DIAL1391C05-NC	DIAL1391C05	BOLD:ABZ6180	617[0n]	2
DLCAN	DIAL1011-06	DIAL1391A08-NC	DIAL1391A08	BOLD:ABZ6180	619[0n]	2
DLCAN	DLII841-07	DIAL1849H07-ME	DIAL1849H07	BOLD:ABZ6180	642[0n]	2
DIAL	DLII723-07	DIAL1848F07-PE	DIAL1848F07	BOLD:ABZ6180	653[0n]	2
DLCAN	DLII712-07	DIAL1848E08-WV	DIAL1848E08	BOLD:ABZ6180	657[0n]	2
DLCAN	DLII1402-08	D00607F12-NS	D00607F12	BOLD:ABZ6180	658[0n]	2
DLCAN	LASNA028-08	DIAL2385C06-MD	DIAL2385C06-MD	BOLD:AAA3781	512[0n]	2
DLCAN	DIAL758-06	D1414D03-VA	D1414D03	BOLD:AAA3781	575[0n]	2
DLCAN	DLII405-07	DIAL1846C07-WV	DIAL1846C07	BOLD:AAA3781	576[0n]	2
DIAL	DIAL575-06	D0287D08-IL	D0287D08	BOLD:AAA3781	576[3n]	2
DIAL	DIAL1230-08	DIAL0293B02-DC	DIAL0293B02	BOLD:AAA3781	584[2n]	0
DLCAN	DIAL1088-06	DIAL1391H03-NC	DIAL1391H03	BOLD:AAA3781	599[0n]	0
DLCAN	DLII557-07	DIAL1847H05-MD	DIAL1847H05	BOLD:AAA3781	608[0n]	2
DLCAN	DIAL391-06	DIAL0294G01-MD	#035111	BOLD:AAA3781	612[1n]	0
DLCAN	DIAL348-06	DIAL0294C06-IL	#9074	BOLD:AAA3781	612[1n]	0
DLCAN	DIAL349-06	DIAL0294C07-IN	#15	BOLD:AAA3781	612[1n]	0
DLCAN	DIAL365-06	DIAL0294D11-NY	#046076	BOLD:AAA3781	613[0n]	0
DLCAN	DLII706-07	DIAL1848E02-MD	DIAL1848E02	BOLD:AAA3781	615[0n]	2
DLCAN	DIAL644-06	D0295B06-ON	D0295B06	BOLD:AAA3781	617[3n]	2
DLCAN	DIAL1087-06	DIAL1391H02-NC	DIAL1391H02	BOLD:AAA3781	618[0n]	1
DLCAN	DIAL1038-06	DIAL1391D01-NC	DIAL1391D01	BOLD:AAA3781	618[0n]	2
DLCAN	DIAL1093-06	DIAL1391H08-NC	DIAL1391H08	BOLD:AAA3781	619[0n]	2
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Draft

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FJ663069	1	Yes	21-Jul-2006
FJ663064	1	Yes	26-Jul-2003
FJ663065	1	Yes	08-Aug-2006
FJ663061	1	Yes	24-May-2006
FJ663066	1	Yes	06-Aug-2006
FJ663071	2	Yes	19-Jul-2006
FJ663068	1	Yes	21-Jul-2006
FJ663062	1	Yes	24-May-2006
GU666303	2	Yes	05-Aug-2007
GU666306	2	Yes	
HM405336	1	Yes	19-Jun-2007
HM905750	0	Yes	30-Jul-2009
HM405335	1	Yes	01-Aug-2007
HM905744	0	Yes	23-Sep-2009
HM405338	1	Yes	31-Jul-2007
HM405339	1	Yes	20-Jun-2007
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	2	No	15-Aug-2006
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GU666301	0	Yes	09-Jun-2007
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JF903512	2	No	23-Sep-2006
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HM905754	0	Yes	12-Aug-2009
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JF903513	3	Yes	17-Aug-2006
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JF903514	5	No	22-May-2003
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JF903523	0	Yes	30-Jun-2006
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HM404563	0	Yes	30-Jul-2008
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JF903515	1	Yes	01-Jul-2006
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HM905893	1	No	
HM905760	0	Yes	25-Jun-2009
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JF903516	1	Yes	06-Aug-2006
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HM405324	3	Yes	09-Aug-2006
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JF903536	3	Yes	25-Jun-2006
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JF903517	1	Yes	02-May-2006
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JF903518	1	Yes	17-May-2002
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JF903519	2	Yes	08-Aug-2006
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JF903520	1	Yes	01-Jun-2008
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JF903521	2	Yes	23-Sep-2006
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JF903522	1	Yes	29-May-2007
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HM884228	1	Yes	08-Oct-2008
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HM407358	1	Yes	02-May-2008
HM404570	0	Yes	08-Oct-2008
HQ938022	1	Yes	20-Oct-2009
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HQ557882	0	Yes	14-May-2009
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JF903526	2	Yes	20-Jun-2005
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GU666307	2	Yes	22-Jun-2008
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HM405345	1	Yes	02-Aug-2009
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JF903527	2	Yes	16-Aug-2006
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GU666299	2	Yes	11-Jul-2007
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HQ557920	1	Yes	30-May-2010
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HQ937902	1	Yes	11-May-2009
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JF903529	1	Yes	10-Sep-2005
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JF903530	1	Yes	19-May-2006
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JF903533	1	Yes	25-Jun-2005
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GU708012	0	Yes	16-Jul-2008
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FJ663076	1	Yes	01-Jul-2006
FJ663081	1	Yes	01-Jul-2006
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FJ663080	1	Yes	01-Jul-2006
FJ663079	1	Yes	01-Jul-2006
FJ663078	1	Yes	01-Jul-2006
FJ663077	1	Yes	01-Jul-2006
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HQ561111	2	Yes	21-Jul-2006
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JF903540	2	Yes	
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JF903542	2	Yes	12-Jun-2007
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JF903543	1	Yes	13-Aug-2006
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JF903549	3	Yes	14-Aug-2006
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JF903551	2	Yes	11-Jun-2007
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FJ663091	2	Yes	25-Jan-2005
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HM405312	1	Yes	23-Oct-2009
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GU666309	2	Yes	23-Jun-2007
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HM905811	1	Yes	23-Jun-2009
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HM405343	1	Yes	02-May-2009
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GU666304	0	Yes	09-Jun-2007
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GU666296	2	Yes	03-Jun-2007
GU666300	2	Yes	27-May-2007
GU707994	0	Yes	16-Jun-2007
HM405348	1	Yes	22-Apr-2009
GU707992	0	Yes	11-Jun-2007
GU707993	0	Yes	16-Jun-2007
HM405347	1	Yes	22-Apr-2009
HQ561110	0	Yes	12-May-2005
HM407455	1	Yes	03-May-2009
	2	Yes	26-Jul-2008
	2	Yes	21-Jun-1999
	2	Yes	25-Jun-2005
	2	Yes	26-May-2005

HM405346	1	Yes	03-May-2009
	3	Yes	
	3	Yes	
HM905895	1	Yes	27-Jun-2007
	2	No	18-Jul-2008
	3	Yes	
	2	Yes	23-Jun-2007
JF903555	3	Yes	
	3	Yes	
	2	Yes	13-Jul-2008
	2	Yes	13-Jul-2008
	3	Yes	
	3	Yes	
	3	Yes	
GU666308	2	Yes	22-Jun-2008
	3	Yes	
GU708186	1	No	27-Jun-2007
	1	Yes	23-Aug-2007
	0	No	
	2	Yes	
	3	Yes	
	3	No	13-Jul-2004
	3	Yes	21-Jul-2004
	3	Yes	01-Aug-2005
	1	Yes	03-Mar-2001
	3	Yes	27-Apr-2007
	3	Yes	01-Sep-2004
	3	Yes	11-May-2004
	3	Yes	29-May-2006
	3	Yes	
JF903557	3	Yes	
	3	Yes	
	3	Yes	08-Jun-2004
	3	Yes	01-Aug-2005
	3	Yes	26-Jul-2004
	2	Yes	
	3	Yes	
	3	Yes	
	3	Yes	
	3	Yes	23-Aug-2007
	3	Yes	01-Jun-2005
	4	Yes	20-Sep-2005
	3	Yes	
	3	Yes	
	3	Yes	
	4	Yes	28-Jun-2005
	4	Yes	05-Sep-2005
HQ558150	1	Yes	31-Aug-2007
	2	Yes	01-Aug-2001
	2	Yes	18-Jul-2002
	2	Yes	20-Sep-2001
	2	Yes	09-Oct-2002
	2	Yes	29-May-2002
JF903558	2	Yes	29-May-2002
	2	Yes	30-Jul-2005
	2	Yes	13-Apr-2005
JF903559	2	Yes	20-Sep-2006
	1	No	03-Apr-2003

	0	Yes	28-Jul-1994
GU666297	2	Yes	31-Jul-2002
	2	Yes	04-Jun-2007
	2	Yes	04-Jun-2007
	0	Yes	20-May-2004
	0	Yes	29-Mar-1998
	2	Yes	11-Apr-2005
	0	Yes	20-Jun-2002
	0	Yes	
	1	No	
	2	No	07-Jul-2001
	5	No	16-Jul-2003
	0	No	07-Jul-2001
	3	No	15-Jul-2003
	2	No	17-Jul-2003
	2	No	13-Apr-2003
	2	No	
HM404564	0	Yes	15-May-2008
HM404559	0	Yes	08-Oct-2008
	2	Yes	07-Aug-2006
	0	Yes	30-May-2004
	0	Yes	20-Jun-2002
	2	Yes	28-Apr-2004
GU666305	2	No	11-Jul-2007
HM404572	0	Yes	08-Aug-2009
	0	Yes	05-Aug-2006
	2	Yes	01-Jun-2006
	2	Yes	
	2	Yes	15-Jul-2008
	2	Yes	19-Jul-2006
	2	Yes	23-Jun-2006
	2	Yes	01-Jul-2005
HM407357	1	Yes	08-Oct-2008
GU708182	1	No	14-Jul-2008
GU708179	1	No	07-Jul-2007
HM404561	0	Yes	15-May-2008
HM404569	0	Yes	03-Jul-2008
GU708180	1	No	14-Jul-2008
GU708178	1	No	12-Aug-2008
HM404532	0	Yes	06-Jun-2002
	0	Yes	25-Jun-2003
GU666294	0	Yes	20-Jun-2002
	2	Yes	17-Aug-2004
	3	Yes	01-Jun-2005
	3	Yes	29-Aug-2005
JF903560	1	Yes	29-Jun-1994
	3	Yes	
	3	No	27-Jan-2005
	0	Yes	
	0	Yes	
	0	Yes	04-Jun-2007
	0	Yes	04-Jun-2007
	0	Yes	24-Jun-2006
	1	Yes	07-Jul-2007
	1	Yes	22-Jun-2007

FJ663108	1	Yes	01-Jul-2006
FJ663110	2	No	02-Oct-2004
FJ663109	2	No	06-Sep-2005
FJ663105	1	Yes	01-Jul-2006
FJ663107	1	Yes	
	2	Yes	
	0	Yes	04-Jun-2006
	2	Yes	12-Aug-2003
FJ663101	2	Yes	07-Jul-2006
	0	Yes	04-Jun-2006
FJ663116	2	Yes	01-Jul-2006
GU708168	0	Yes	22-May-2003
FJ663113	1	Yes	30-May-2004
FJ663106	1	Yes	01-Jul-2006
FJ663118	2	No	09-Aug-2006
FJ663117	2	Yes	09-Aug-2006
FJ663115	2	Yes	19-May-2006
FJ663114	2	Yes	01-Oct-2003
FJ663112	1	Yes	30-May-2004
FJ663111	1	Yes	30-May-2004
FJ663104	1	Yes	24-Jun-2006
FJ663103	1	Yes	24-Jun-2006
FJ663102	1	Yes	07-Jun-2005
	2	Yes	16-Jul-2006
	2	Yes	10-May-2007
HQ558104	0	Yes	08-Mar-2009
	2	Yes	08-Jul-2008
	2	Yes	05-Jul-2006
	2	Yes	21-Jul-2006
	2	Yes	04-Aug-1992
	2	No	04-Aug-2006
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	2	Yes	04-Aug-1992
	2	Yes	07-Jul-2006
	2	Yes	05-Jul-2006
	0	Yes	08-Jul-2008
	2	Yes	04-Aug-2006
	2	Yes	08-Jul-2008
	2	Yes	04-Aug-1992
	2	Yes	31-Jul-2005
	2	Yes	04-Aug-1992
	2	Yes	22-Jul-1992
	2	Yes	04-Aug-1992
	2	Yes	04-Aug-1992
	2	Yes	22-Jul-1992
	3	No	
	3	Yes	
	3	Yes	17-Jun-2002
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	1	No	
	1	No	08-Sep-2005
	0	Yes	17-Sep-2006
	1	No	14-Jun-2005
	1	No	26-Jul-2003
	1	No	30-May-2004

	1	No	
	0	Yes	09-Aug-2004
GU708273	0	No	17-Jul-2008
	0	Yes	06-Aug-2004
	1	No	
	1	Yes	10-Aug-2006
	1	Yes	04-Jun-2006
	0	Yes	08-Aug-2006
JF903525	1	Yes	19-May-2006
	0	Yes	25-Oct-2006
	1	Yes	23-Jun-2004
	0	No	02-Aug-2004
	0	Yes	06-Aug-2004
HQ558119	0	Yes	01-Aug-2009
	1	Yes	
HM405323	1	Yes	30-Oct-2009
GU708262	0	Yes	17-Jul-2008
GU708261	0	Yes	17-Jul-2008
GU708263	0	Yes	17-Jul-2008
	1	Yes	
	1	Yes	
	1	Yes	10-Aug-2006
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	3	No	02-Apr-2002
	3	No	02-Apr-2002
	3	Yes	04-Aug-2006
	3	Yes	13-Aug-2006
	3	Yes	17-Aug-2006
	1	Yes	07-Jul-2006
	2	Yes	15-Aug-2004
	2	Yes	14-Jun-2004
	2	Yes	
	3	Yes	
	3	Yes	07-Aug-2006
	1	Yes	
	0	No	29-Jul-2004
	3	No	06-Aug-2006
	2	Yes	19-Aug-2004
	4	No	
	3	No	26-Apr-2003
	5	No	14-Apr-2000
	4	No	06-Sep-2005
	2	Yes	04-Aug-2004
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	3	No	06-Aug-2006
	3	Yes	06-Aug-2006
	3	Yes	06-Aug-2006
	2	Yes	21-Jul-2004
	3	Yes	06-Aug-2006
	3	No	03-Apr-2003
	3	No	
	3	No	03-Apr-2003
	3	No	03-Apr-2003
	3	Yes	08-Aug-2006
	2	Yes	10-Aug-2006

HQ937905	3	Yes	06-Aug-2006
	1	Yes	20-Jul-2008
	3	Yes	
	3	No	
	3	Yes	
	3	Yes	08-Aug-2006
	3	Yes	
	3	Yes	07-Oct-2006
	3	Yes	07-Oct-2006
	3	Yes	21-Sep-2006
	2	Yes	06-Jul-2002
	3	Yes	06-Jul-2002
	3	Yes	15-Apr-2005
	2	Yes	27-Jul-2004
	3	Yes	06-Aug-2006
	3	Yes	06-Aug-2006
	3	Yes	06-Aug-2006
	3	Yes	
	3	Yes	
	3	Yes	24-Jun-2006
	3	Yes	06-Aug-2006
	3	Yes	06-Aug-2006
	3	No	15-Aug-2006
	3	Yes	08-Aug-2006
	3	Yes	06-Aug-2006
	3	Yes	08-Aug-2006
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	3	Yes	06-Aug-2006
	3	Yes	
	3	Yes	06-Aug-2006
	3	Yes	24-Sep-2004
JF903562	1	Yes	08-Aug-2006
	3	Yes	
	3	Yes	
	3	Yes	
	3	Yes	
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	3	Yes	06-Aug-2006
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	3	Yes	
	3	Yes	
	2	No	01-Aug-2004
	2	Yes	24-Jun-2001
	2	Yes	23-Jun-2004
	2	Yes	21-Jul-2004
	2	Yes	01-Aug-2005
HQ558114	1	Yes	20-Jul-2008
GU708183	1	No	
GU708185	1	No	
HQ558153	1	Yes	28-Aug-2008
	3	Yes	12-May-2000
	3	Yes	18-May-2006
FJ663121	2	No	27-Apr-2003
FJ663122	2	No	06-Sep-2005
FJ663119	1	No	10-Jul-2001
FJ663128	1	No	27-Jul-2004
FJ663123	1	Yes	19-May-2006
FJ663127	1	No	20-Aug-2004
HQ558115	0	Yes	22-Aug-2008
FJ663126	1	Yes	
FJ663120	1	Yes	22-Aug-2005
FJ663124	1	Yes	19-May-2006
FJ663125	1	Yes	19-May-2006
	2	Yes	10-Jul-2003
	2	Yes	11-Jun-2007
	2	Yes	30-Jul-2005
	2	Yes	05-Jun-2003
	2	Yes	06-Aug-2006
	2	Yes	31-Jul-2005
	2	Yes	24-Jun-2006
	1	Yes	04-Jun-2006
	2	No	07-Aug-2006
	2	No	
	2	Yes	25-Jun-2006
	2	No	19-Jul-2004
	2	No	01-Jan-2004
	2	Yes	14-Aug-2006
	3	No	10-May-2005
	2	No	19-Jul-2004
	2	Yes	
	2	Yes	08-Aug-2006
	1	Yes	01-Jul-2006
	2	Yes	08-Aug-2006
	1	Yes	25-Jun-2006
	2	Yes	08-Aug-2006
	2	Yes	13-Aug-2006
	2	Yes	06-Jun-2006

	2	Yes	09-Aug-2006
	2	Yes	
	2	Yes	09-Aug-2006
	2	Yes	15-Aug-2006
	1	No	14-Aug-2006
	2	Yes	07-Aug-2006
	2	Yes	03-Sep-2003
	2	Yes	
	2	Yes	25-Jun-2004
JF903564	2	Yes	
	4	Yes	30-Apr-2006
	2	Yes	06-Jul-2007
	0	No	18-Jul-2009
	4	Yes	20-Aug-2004
	4	Yes	
JF903565	2	Yes	15-Aug-2006
	4	Yes	15-Aug-2006

Draft

Identification	Life Stage	Extra Info	Voucher Type	Institution	Notes
Lasioglossum_abanci	A			York University, Packer Colle	
Lasioglossum_abundipunctu	A			York University, Packer Colle	
Lasioglossum_abundipunctu	A			York University, Packer Colle	
Lasioglossum_abundipunctu	A			York University, Packer Colle	
Lasioglossum_abundipunctu	A			York University, Packer Colle	
Lasioglossum_abundipunctu	A			York University, Packer Colle sp. C	
Lasioglossum_achilleae	A			York University, Packer Colle	
Lasioglossum_admirandum	A			York University, Packer Colle	
Lasioglossum_admirandum	A			York University, Packer Colle	
Lasioglossum_admirandum	A			York University, Packer Colle	
Lasioglossum_admirandum	A			York University, Packer Colle	
Lasioglossum_admirandum	A			York University, Packer Colle	
Lasioglossum_admirandum	A			York University, Packer Colle	
Lasioglossum_admirandum	A			York University, Packer Colle	
Lasioglossum_alachuense	A			York University, Packer Colle	
Lasioglossum_albipenne	A	Col on: tomato		York University, Packer Colle	
Lasioglossum_albipenne	A	cress7~MB		York University, Packer Colle	
Lasioglossum_albipenne	A			York University, Packer Colle	
Lasioglossum_albipenne	A			York University, Packer Colle	
Lasioglossum_albipenne	A			York University, Packer Colle	
Lasioglossum_albipenne	A			York University, Packer Colle	
Lasioglossum_albipenne	A			York University, Packer Colle	
Lasioglossum_albipenne	A	DIAL1412A08		York University, Packer Colle	
Lasioglossum_albipenne	A	carina weak		York University, Packer Colle	
Lasioglossum_albipenne	A	cress5~MB		York University, Packer Colle	
Lasioglossum_albohirtum	A			York University, Packer Colle	
Lasioglossum_albohirtum	A			York University, Packer Colle	
Lasioglossum_albohirtum	A			York University, Packer Colle	
Lasioglossum_albohirtum	A			York University, Packer Colle	
Lasioglossum_albohirtum	A			York University, Packer Colle	
Lasioglossum_albohirtum	A			York University, Packer Colle	
Lasioglossum_albohirtum	A			York University, Packer Colle	
Lasioglossum_anomalum	A			York University, Packer Colle	White pan trap
Lasioglossum_anomalum	A	anomalum1		York University, Packer Colle	Col on: Monarda fistulosa
Lasioglossum_anomalum	A	Lanoma-MN1		York University, Packer Colle	
Lasioglossum_anomalum	A			York University, Packer Colle	
Lasioglossum_anomalum	A			York University, Packer Colle	
Lasioglossum_anomalum	A			York University, Packer Colle	
Lasioglossum_apocyni	A			York University, Packer Colle	
Lasioglossum_apocyni	A			York University, Packer Colle	
Lasioglossum_apocyni	A			York University, Packer Colle	
Lasioglossum_apocyni	A	apocyniE12		York University, Packer Colle	original ID by S.D. as fattigi
Lasioglossum_apocyni	A			York University, Packer Colle	
Lasioglossum_apocyni	A	apocyniB01		York University, Packer Colle	20-Sep-year? Original ID by S.E
Lasioglossum_apocyni	A	apocyni1		York University, Packer Colle	20-Sep-year?
Lasioglossum_apocyni	A	apocyni2		York University, Packer Colle	20-Sep-year?
Lasioglossum_apocyni	A	apocyniF02		York University, Packer Colle	original ID by S.D. as fattigi
Lasioglossum_apocyni	A			York University, Packer Colle	
Lasioglossum_apocyni	A	apocyniE11		York University, Packer Colle	original ID by S.D. as fattigi

[illegible]

[illegible]

Lasioglossum_creberrimum	A		York University, Packer Colle
Lasioglossum_creberrimum	A		York University, Packer Colle
Lasioglossum_creberrimum	A		York University, Packer Colle
Lasioglossum_creberrimum	A		York University, Packer Colle
Lasioglossum_creberrimum	A		York University, Packer Colle
Lasioglossum_cressonii	A	cress2~NC	York University, Packer Colle
Lasioglossum_cressonii	A	cress~IN2	York University, Packer Colle Col on: Claytonia virginica
Lasioglossum_cressonii	A	cress~IN1	York University, Packer Colle Blue pan trap
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A	cress1~GA	York University, Packer Colle
Lasioglossum_cressonii	A	cress~IL 1	York University, Packer Colle Blue pan trap
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A	Lcress-MN1	York University, Packer Colle
Lasioglossum_cressonii	A	Lcress-MN3	York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A	DIAL1412A03	York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A	Lcress-MN2	York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
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Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_cressonii	A		York University, Packer Colle
Lasioglossum_dashwoodi	A		York University, Packer Colle
Lasioglossum_dashwoodi	A	WA-3	York University, Packer Colle
Lasioglossum_disparile	A		York University, Packer Colle
Lasioglossum_disparile	A		York University, Packer Colle
Lasioglossum_disparile	A		York University, Packer Colle
Lasioglossum_disparile	A		York University, Packer Colle
Lasioglossum_disparile	A		York University, Packer Colle
Lasioglossum_disparile	A		York University, Packer Colle
Lasioglossum_disparile	A		York University, Packer Colle
Lasioglossum_disparile	A		York University, Packer Colle
Lasioglossum_disparile	A		York University, Packer Colle
Lasioglossum_dreisbachi	A		York University, Packer Colle
Lasioglossum_dreisbachi	A		York University, Packer Colle
Lasioglossum_dreisbachi	A		York University, Packer Colle
Lasioglossum_dreisbachi	A		York University, Packer Colle
Lasioglossum_dreisbachi	A		York University, Packer Colle
Lasioglossum_ebmerellum	A		York University, Packer Colle
Lasioglossum_ebmerellum	A		York University, Packer Colle
Lasioglossum_ebmerellum	A		York University, Packer Colle
Lasioglossum_ebmerellum	A		York University, Packer Colle
Lasioglossum_ebmerellum	A		York University, Packer Colle
Lasioglossum_ebmerellum	A		York University, Packer Colle
Lasioglossum_ellisiae	A	tegu~IN1	York University, Packer Colle Blue pan trap
Lasioglossum_ellisiae	A		York University, Packer Colle

[illegible]

Lasioglossum_ephialtum	A		York University, Packer Colle
Lasioglossum_ephialtum	A		York University, Packer Colle
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Lasioglossum_ephialtum	A		York University, Packer Colle
Lasioglossum_ephialtum	A		York University, Packer Colle
Lasioglossum_ephialtum	A		York University, Packer Colle
Lasioglossum_ephialtum	A		York University, Packer Colle
Lasioglossum_ephialtum	A		York University, Packer Colle
Lasioglossum_ephialtum	A		York University, Packer Colle
Lasioglossum_fattigi	A		York University, Packer Colle
Lasioglossum_fattigi	A		York University, Packer Colle
Lasioglossum_fattigi	A		York University, Packer Colle
Lasioglossum_fattigi	A		York University, Packer Colle
Lasioglossum_fattigi	A		York University, Packer Colle
Lasioglossum_flaveriae	A		York University, Packer Colle
Lasioglossum_floridanum	A	Lpilos1~GA	York University, Packer Colle
Lasioglossum_floridanum	A		York University, Packer Colle
Lasioglossum_floridanum	A		York University, Packer Colle
Lasioglossum_floridanum	A	Lpilos3~GA	York University, Packer Colle
Lasioglossum_foveolatum	A	supra~IN1	York University, Packer Colle Col on: Chamaecrista fasciculat
Lasioglossum_foveolatum	A	supra~IN2	York University, Packer Colle Col on: Tradescantia ohienis
Lasioglossum_foveolatum	A		York University, Packer Colle
Lasioglossum_foveolatum	A	supra~IL1	York University, Packer Colle Col on: sumac
Lasioglossum_foveolatum	A	supraclypeatur	York University, Packer Colle
Lasioglossum_foveolatum	A	supraclypeatur	York University, Packer Colle white pan trap
Lasioglossum_foveolatum	A		York University, Packer Colle
Lasioglossum_foveolatum	A		York University, Packer Colle
Lasioglossum_foveolatum	A		York University, Packer Colle
Lasioglossum_foveolatum	A		York University, Packer Colle
Lasioglossum_georgeickworl	A		York University, Packer Colle
Lasioglossum_georgeickworl	A		York University, Packer Colle
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Lasioglossum_georgeickworl	A		York University, Packer Colle
Lasioglossum_georgeickworl	A		York University, Packer Colle
Lasioglossum_halophitum	A		York University, Packer Colle
Lasioglossum_halophitum	A		York University, Packer Colle
Lasioglossum_halophitum	A		York University, Packer Colle
Lasioglossum_halophitum	A	halop2~NC	York University, Packer Colle
Lasioglossum_halophitum	A		York University, Packer Colle
Lasioglossum_halophitum	A	halop1~NC	York University, Packer Colle
Lasioglossum_halophitum	A		York University, Packer Colle
Lasioglossum_halophitum	A		York University, Packer Colle
Lasioglossum_halophitum	A		York University, Packer Colle nr halophitum with clypeus red
Lasioglossum_halophitum	A		York University, Packer Colle
Lasioglossum_halophitum	A		York University, Packer Colle
Lasioglossum_hartii	A		York University, Packer Colle
Lasioglossum_hartii	A		York University, Packer Colle
Lasioglossum_hemimelas	A	DIAL1412D01	York University, Packer Colle
Lasioglossum_heterognathur	A		York University, Packer Colle
Lasioglossum_heterognathur	A		York University, Packer Colle
Lasioglossum_heterognathur	A		York University, Packer Colle
Lasioglossum_hitchensi	A		York University, Packer Colle
Lasioglossum_hitchensi	A		York University, Packer Colle

[illegible]

[illegible]

[illegible]

[illegible]

Lasioglossum_laevissimum	A	DIAL1412A06	York University, Packer Colle
Lasioglossum_laevissimum	A	DIAL1412G06	York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_laevissimum	A		York University, Packer Colle
Lasioglossum_lepidii	A		York University, Packer Colle
Lasioglossum_lepidii	A		York University, Packer Colle
Lasioglossum_lepidii	A		York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leucocomum	A	DIAL1412C01	York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leucocomum	A	DIAL1412B11	York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leucocomum	A		York University, Packer Colle
Lasioglossum_leviense	A	yellow legs	York University, Packer Colle
Lasioglossum_leviense	A	yellowish legs	York University, Packer Colle
Lasioglossum_leviense	A		York University, Packer Colle
Lasioglossum_leviense	A		York University, Packer Colle
Lasioglossum_lineatulum	A		York University, Packer Colle
Lasioglossum_lineatulum	A	Ladmir-MN1	York University, Packer Colle
Lasioglossum_lineatulum	A	DIAL8-MB	York University, Packer Colle
Lasioglossum_lineatulum	A	DIAL3-MB	York University, Packer Colle
Lasioglossum_lineatulum	A		York University, Packer Colle
Lasioglossum_lineatulum	A		York University, Packer Colle
Lasioglossum_lineatulum	A	lineatulum1	York University, Packer Colle
Lasioglossum_lineatulum	A		York University, Packer Colle
Lasioglossum_lineatulum	A		York University, Packer Colle
Lasioglossum_lineatulum	A		York University, Packer Colle
Lasioglossum_lineatulum	A		York University, Packer Colle
Lasioglossum_lineatulum	A		York University, Packer Colle
Lasioglossum_lineatulum	A		York University, Packer Colle
Lasioglossum_lineatulum	A	DIAL5-MB	York University, Packer Colle
Lasioglossum_lionotum	A		York University, Packer Colle
Lasioglossum_lionotum	A		York University, Packer Colle
Lasioglossum_lionotum	A		York University, Packer Colle
Lasioglossum_longifrons	A		York University, Packer Colle
Lasioglossum_longifrons	A		York University, Packer Colle
Lasioglossum_longifrons	A		York University, Packer Colle

[illegible]

[illegible]

Lasioglossum_occidentale	A		York University, Packer Colle
Lasioglossum_occidentale	A		York University, Packer Colle
Lasioglossum_oceanicum	A		York University, Packer Colle
Lasioglossum_oceanicum	A		York University, Packer Colle
Lasioglossum_oceanicum	A		York University, Packer Colle
Lasioglossum_oceanicum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
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Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_pacatum	A		York University, Packer Colle
Lasioglossum_packeri	A		York University, Packer Colle
Lasioglossum_packeri	A		York University, Packer Colle
Lasioglossum_packeri	A		York University, Packer Colle
Lasioglossum_packeri	A		York University, Packer Colle
Lasioglossum_paradmirandu	A	laevissimumB1	York University, Packer Colle original ID by S. D. as perpunct
Lasioglossum_paradmirandu	A		York University, Packer Colle
Lasioglossum_paradmirandu	A		York University, Packer Colle
Lasioglossum_paradmirandu	A		York University, Packer Colle
Lasioglossum_paradmirandu	A		York University, Packer Colle
Lasioglossum_paradmirandu	A		York University, Packer Colle
Lasioglossum_paradmirandu	A		York University, Packer Colle
Lasioglossum_pavoninum	A		York University, Packer Colle
Lasioglossum_pavoninum	A		York University, Packer Colle
Lasioglossum_pavoninum	A		York University, Packer Colle
Lasioglossum_perpunctatum	A		York University, Packer Colle
Lasioglossum_perpunctatum	A	perpu3~MB	York University, Packer Colle
Lasioglossum_perpunctatum	A	perpu4~MB	York University, Packer Colle
Lasioglossum_perpunctatum	A		York University, Packer Colle
Lasioglossum_perpunctatum	A		York University, Packer Colle
Lasioglossum_perpunctatum	A	perpu5~MB	York University, Packer Colle
Lasioglossum_perpunctatum	A	perpu1~MB	York University, Packer Colle
Lasioglossum_perpunctatum	A		York University, Packer Colle
Lasioglossum_perpunctatum	A		York University, Packer Colle
Lasioglossum_perpunctatum	A	pruin3~MB	York University, Packer Colle
Lasioglossum_perpunctatum	A	pruin2~MB	York University, Packer Colle
Lasioglossum_perpunctatum	A	perpu2~MB	York University, Packer Colle
Lasioglossum_perpunctatum	A	DIAL2-MB	York University, Packer Colle
Lasioglossum_pictum	A		York University, Packer Colle

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Lasioglossum_trigeminum	A	versatum5	York University, Packer Colle Sep or Oct-03
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_trigeminum	A		York University, Packer Colle
Lasioglossum_versans	A		York University, Packer Colle
Lasioglossum_versans	A		York University, Packer Colle
Lasioglossum_versans	A	versans3	York University, Packer Colle
Lasioglossum_versans	A		York University, Packer Colle
Lasioglossum_versans	A		York University, Packer Colle
Lasioglossum_versans	A		York University, Packer Colle
Lasioglossum_versans	A		York University, Packer Colle
Lasioglossum_versans	A	DIAL1412E08	York University, Packer Colle
Lasioglossum_versans	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A	DIAL5MD	York University, Packer Colle
Lasioglossum_versatum	A	rohwe~IL1	York University, Packer Colle Yellow pan trap
Lasioglossum_versatum	A	rohwe~IN2	York University, Packer Colle Col on: Barbarea vulgaris
Lasioglossum_versatum	A	rohwe~NY1	York University, Packer Colle
Lasioglossum_versatum	A	DIAL1412E02	York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A	gynandromorpi	York University, Packer Colle Specimen is asymmetric. Half rr
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle Collection Date: 21-Sep-?
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle

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Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_versatum	A		York University, Packer Colle
Lasioglossum_vierecki	A		York University, Packer Colle
Lasioglossum_vierecki	A		York University, Packer Colle
Lasioglossum_vierecki	A	viere~IN1	York University, Packer Colle White pan trap
Lasioglossum_vierecki	A	viere1~NY	York University, Packer Colle
Lasioglossum_vierecki	A	vierecki4	York University, Packer Colle bowl survey
Lasioglossum_vierecki	A	vierecki1	York University, Packer Colle
Lasioglossum_vierecki	A		York University, Packer Colle
Lasioglossum_vierecki	A	vierecki2	York University, Packer Colle
Lasioglossum_vierecki	A		York University, Packer Colle
Lasioglossum_vierecki	A		York University, Packer Colle
Lasioglossum_vierecki	A	viere1~MB	York University, Packer Colle
Lasioglossum_vierecki	A		York University, Packer Colle
Lasioglossum_vierecki	A		York University, Packer Colle
Lasioglossum_viridatum	A		York University, Packer Colle
Lasioglossum_viridatum	A		York University, Packer Colle
Lasioglossum_viridatum	A		York University, Packer Colle
Lasioglossum_viridatum	A		York University, Packer Colle
Lasioglossum_viridatum	A		York University, Packer Colle
Lasioglossum_viridatum	A	DIAL1412A04	York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A	yellow legs	York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A	admir1~PA	York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A	atlanticumA03	York University, Packer Colle original ID by S. D. as little rohw
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A	DIAL3MD	York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle acarinium incomplete, tegula pa
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle

Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle obscure punctures visible on ple
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A		York University, Packer Colle
Lasioglossum_weemsi	A	293H03	York University, Packer Colle
Lasioglossum_yukonae	A		York University, Packer Colle
Lasioglossum_yukonae	A		York University, Packer Colle
Lasioglossum_yukonae	A		York University, Packer Colle
Lasioglossum_zephyrum	A	zephy2~ON	York University, Packer Colle
Lasioglossum_zephyrum	A		York University, Packer Colle
Lasioglossum_zephyrum	A		York University, Packer Colle
Lasioglossum_zephyrum	A	odd specimen	York University, Packer Colle sculpturing unusual 293G10
Lasioglossum_zephyrum	A		York University, Packer Colle
Lasioglossum_zephyrum	A	1390G03	York University, Packer Colle
Lasioglossum_zephyrum	A		York University, Packer Colle

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Project:

SEARCH: Process ids(1283 ids)

User :

Jason Gibbs

Created :

12-July-2017

Sample ID	Field ID	Museum ID	Collection Code	Institution Storing
D00608F07-IN	D00608F07			York University, Packer Collection
DIAL2386F10-UT	DIAL2386F10	BBSL649711		York University, Packer Collection
DIAL2386C10-UT	DIAL2386C10	ZION21985		York University, Packer Collection
DIAL2384C07-AB	DIAL2384C07			York University, Packer Collection
DIAL2386C08-UT	DIAL2386C08	ZION21743		York University, Packer Collection
DIAL2374H06-UT	DIAL2374H06	BBSL645891		York University, Packer Collection
DIAL2385D04-ON	DIAL2385D04-ON			York University, Packer Collection
DIAL2385E03-MD	DIAL2385E03-MD			York University, Packer Collection
D01562A03-MI	D01562A03			York University, Packer Collection
DIAL1839G06-MN	DIAL1839G06-MN			York University, Packer Collection
DIAL1839G08-MN	DIAL1839G08-MN			York University, Packer Collection
DIAL0292H11-MD	little rohweri 027590			York University, Packer Collection
DIAL1409C04-ON	DIAL1409C04			York University, Packer Collection
DIAL2387C05-ON	DIAL2387C05			York University, Packer Collection
D01561D09-ON	D01561D09			York University, Packer Collection
04791B03-FL	04791B03-FL			York University, Packer Collection
DIAL0292B02-NJ	albipenne #1514			York University, Packer Collection
DIAL0286F05-MB	DIAL0286F05			York University, Packer Collection
D00609G09-NS	D00609G09			York University, Packer Collection
DIAL1839G12-MN	DIAL1839G12-MN			York University, Packer Collection
DIAL1839G09-MN	DIAL1839G09-MN			York University, Packer Collection
06732D10-PA	06732D10-PA			York University, Packer Collection
BEE1850G06-ME	BEE1850G06			York University, Packer Collection
DIAL2386G02-BC	DIAL2386G02			York University, Packer Collection
DIAL1848A08-NB	DIAL1848A08			York University, Packer Collection
DIAL1849A09-CO	DIAL1849A09			York University, Packer Collection
DIAL0286F03-MB	DIAL0286F03			York University, Packer Collection
DIAL2384C02-AB	DIAL2384C02			York University, Packer Collection
D01559F12-BC	D01559F12			York University, Packer Collection
DIAL2386G07-WA	DIAL2386G07			York University, Packer Collection
DIAL2387E09-AB	DIAL2387E09			York University, Packer Collection
D01559F10-BC	D01559F10			York University, Packer Collection
D01559H03-BC	D01559H03			York University, Packer Collection
D01559H10-BC	D01559H10			York University, Packer Collection
DIAL2387B05-WA	DIAL2387B05			York University, Packer Collection
DIAL0294A03-IN	#12425			York University, Packer Collection
DIAL0292B05-IN	#13165			York University, Packer Collection
BEE0289C05-MN	BEE0289C05			York University, Packer Collection
CCDB-00611 C12	CCDB-00611 C12			York University, Packer Collection
D-3253D12-WI	D-3253D12			York University, Packer Collection
D0287D01-MI	D0287D01			York University, Packer Collection
DIAL1390D06-ON	DIAL1390D06			York University, Packer Collection
DIAL1846F06-PA	DIAL1846F06			York University, Packer Collection
DIAL1390F04-NC	DIAL1390F04			York University, Packer Collection
DIAL0292E12-IN	#175			York University, Packer Collection
DIAL1849F01-WV	DIAL1849F01			York University, Packer Collection
DIAL0292B01-WV	#010947			York University, Packer Collection
DIAL0292B07-WV	#011004			York University, Packer Collection
DIAL0292B08-WV	#010899			York University, Packer Collection
DIAL0292F02-WV	#032685			York University, Packer Collection
DIAL1849E12-WV	DIAL1849E12			York University, Packer Collection
DIAL0292E11-WV	#032688			York University, Packer Collection

DIAL1390F06-NC	DIAL1390F06		York University, Packer Collection
DIAL1390G04-NC	DIAL1390G04		York University, Packer Collection
DIAL1390G06-NC	DIAL1390G06		York University, Packer Collection
DIAL1390G02-WV	DIAL1390G02		York University, Packer Collection
DIAL1848D09-MD	DIAL1848D09		York University, Packer Collection
DIAL1846D12-MS	DIAL1846D12		York University, Packer Collection
D1414H02-VA	D1414H02		York University, Packer Collection
DIAL2384H09-SC	DIAL2384H09-SC		York University, Packer Collection
D01559C09-GA	D01559C09		York University, Packer Collection
D1414E02-VA	D1414E02		York University, Packer Collection
DIAL0293C03-NJ	#2488		York University, Packer Collection
DIAL0293C04-NJ	#1247		York University, Packer Collection
D01562B06-MD	D01562B06		York University, Packer Collection
D01562B02-MD	D01562B02		York University, Packer Collection
D01562C12-MD	D01562C12		York University, Packer Collection
D01562B10-ON	D01562B10		York University, Packer Collection
D01562C08-ON	D01562C08		York University, Packer Collection
DIAL0294G02-MD	#020228		York University, Packer Collection
DIAL1848B03-ON	DIAL1848B03	1390D05	York University, Packer Collection
D00609B05-WI	D00609B05		York University, Packer Collection
D00609G03-NS	D00609G03		York University, Packer Collection
D0288F07-SC	D0288F07		York University, Packer Collection
D0288F09-SC	D0288F09		York University, Packer Collection
DIAL0294A05-in	#12565		York University, Packer Collection
DIAL0292E08-MD	#028623		York University, Packer Collection
06732D09-VA	06732D09-VA		York University, Packer Collection
D00609C07-KS	D00609C07		York University, Packer Collection
DIAL1846B10-WV	DIAL1846B10		York University, Packer Collection
DIAL1390C08-ON	DIAL1390C08		York University, Packer Collection
DIAL1409A09-NC	DIAL1409A09		York University, Packer Collection
DIAL1846G04-VA	DIAL1846G04		York University, Packer Collection
DIAL1390B02-ON	DIAL1390B02		York University, Packer Collection
DIAL1848E12-MD	DIAL1848E12		York University, Packer Collection
DIAL1413C12-TN	DIAL1413C12		York University, Packer Collection
D01559G11-BC	D01559G11		York University, Packer Collection
DIAL1845D09-CA	DIAL1845D09		York University, Packer Collection
DIAL2374G12-CA	DIAL2374G12	BBSL612783	York University, Packer Collection
DIAL1845C05-CA	DIAL1845C05		York University, Packer Collection
DIAL1845D03-CA	DIAL1845D03		York University, Packer Collection
DIAL1845C11-CA	DIAL1845C11		York University, Packer Collection
DIAL2388C12-UT	DIAL2388C12-UT		York University, Packer Collection
DIAL2374G11-CA	DIAL2374G11	BBSL612913	York University, Packer Collection
D00607E04-CA	D00607E04		York University, Packer Collection
D01559E10-BC	D01559E10		York University, Packer Collection
D01559G04-BC	D01559G04		York University, Packer Collection
DIAL2388B06-UT	DIAL2388B06-UT		York University, Packer Collection
D00607D05-CA	D00607D05		York University, Packer Collection
DIAL2374H09-UT	DIAL2374H09	BBSL648068	York University, Packer Collection
DIAL2385C03-MD	DIAL2385C03-MD		York University, Packer Collection
DIAL1413E11-SC	DIAL1413E11		York University, Packer Collection
DIAL0292D03-NC	coeruleum 023909		York University, Packer Collection
DIAL0294E03-VA	#046377		York University, Packer Collection
DIAL0294E02-TN	#055668		York University, Packer Collection
DIAL0293E11-NC	versatum 023948		York University, Packer Collection
DIAL0293E10-MD	#023822		York University, Packer Collection

D0288C04-DC	D0288C04	York University, Packer Collection
DIAL0293E12-DC	versatum 026920	York University, Packer Collection
D1414H07-VA	D1414H07	York University, Packer Collection
BEE0286D06-VA	BEE0286D06	York University, Packer Collection
DIAL1413D04-NC	DIAL1413D04	York University, Packer Collection
DIAL1391D10-NC	DIAL1391D10	York University, Packer Collection
D1414E08-VA	D1414E08	York University, Packer Collection
DIAL1409B06-NC	DIAL1409B06	York University, Packer Collection
DIAL1413E08-NC	DIAL1413E08	York University, Packer Collection
D1414E04-VA	D1414E04	York University, Packer Collection
DIAL1391A09-SC	DIAL1391A09	York University, Packer Collection
DIAL1413F07-TN	DIAL1413F07	York University, Packer Collection
DIAL1391D09-NC	DIAL1391D09	York University, Packer Collection
DIAL1391D07-NC	DIAL1391D07	York University, Packer Collection
DIAL1413D01-TN	DIAL1413D01	York University, Packer Collection
D1414E07-VA	D1414E07	York University, Packer Collection
D0288C01-DC	D0288C01	York University, Packer Collection
D0288C06-SC	D0288C06	York University, Packer Collection
D0288D09-SC	D0288D09	York University, Packer Collection
D00607E06-MO	D00607E06	York University, Packer Collection
D00607A09-MO	D00607A09	York University, Packer Collection
D0288G03-SC	D0288G03	York University, Packer Collection
D0288F02-SC	D0288F02	York University, Packer Collection
DIAL1391B01-SC	DIAL1391B01	York University, Packer Collection
DIAL1391E04-SC	DIAL1391E04	York University, Packer Collection
DIAL1391D11-SC	DIAL1391D11	York University, Packer Collection
DIAL1413B06-IL	DIAL1413B06	York University, Packer Collection
D1414A07-IL	D1414A07	York University, Packer Collection
DIAL1413B11-IL	DIAL1413B11	York University, Packer Collection
04485C03-MD	04485C03-MD	York University, Packer Collection
D00607F06-MD	D00607F06	York University, Packer Collection
D-3253D11-FL	D-3253D11	York University, Packer Collection
D00607B02-KS	D00607B02	York University, Packer Collection
DIAL0292D09-MD	#012960	York University, Packer Collection
DIAL0292D10-MD	#002309	York University, Packer Collection
DIAL0292D08-NC	#023927	York University, Packer Collection
DIAL0292D12-MD	#002291	York University, Packer Collection
DIAL0292D11-MD	#029860	York University, Packer Collection
DIAL1846H06-VA	DIAL1846H06	York University, Packer Collection
DIAL1846C01-MS	DIAL1846C01	York University, Packer Collection
DIAL1846E11-MS	DIAL1846E11	York University, Packer Collection
DIAL1409E03-TX	DIAL1409E03	York University, Packer Collection
DIAL1846G07-MS	DIAL1846G07	York University, Packer Collection
DIAL1849F11-DE	DIAL1849F11	York University, Packer Collection
DIAL1849G03-DE	DIAL1849G03	York University, Packer Collection
DIAL1391D04-NC	DIAL1391D04	York University, Packer Collection
06732C08-MA	06732C08-MA	York University, Packer Collection
06732C10-VA	06732C10-VA	York University, Packer Collection
D-3253D07-FL	D-3253D07	York University, Packer Collection
B01566H05-TX	B01566H05	York University, Packer Collection
DIAL0292E02-MD	#017872	York University, Packer Collection
DIAL0294F02-NC	#046248	York University, Packer Collection
DIAL0294F03-NC	#046252	York University, Packer Collection
DIAL0294E05-NC	#056272	York University, Packer Collection
DIAL0292E04-MD	#017878	York University, Packer Collection

DIAL1413D12-FL	DIAL1413D12		York University, Packer Collection	
DIAL1846C06-MS	DIAL1846C06		York University, Packer Collection	
DIAL1846H02-MS	DIAL1846H02		York University, Packer Collection	
DIAL1846C11-MS	DIAL1846C11		York University, Packer Collection	
CCDB-00611	E05	CCDB-00611	E05	York University, Packer Collection
BEE0286C08-NC	BEE0286C08		York University, Packer Collection	
DIAL0294A11-IN	#1791		York University, Packer Collection	
DIAL0294A10-IN	#12521		York University, Packer Collection	
DIAL1390C02-ON	DIAL1390C02		York University, Packer Collection	
BEE0286A05-GA	BEE0286A05		York University, Packer Collection	
DIAL0294A09-in	#14033		York University, Packer Collection	
DIAL0292E09-MD	cressonii	035210	York University, Packer Collection	
DIAL1845H09-BC	DIAL1845H09		York University, Packer Collection	
DIAL1845H07-BC	DIAL1845H07		York University, Packer Collection	
DIAL0292E07-ME	cressonii	010595	York University, Packer Collection	
DIAL1845F11-BC	DIAL1845F11		York University, Packer Collection	
DIAL1391A03-NC	DIAL1391A03		York University, Packer Collection	
BEE0289D05-MN	BEE0289D05		York University, Packer Collection	
BEE0289D07-MN	BEE0289D07		York University, Packer Collection	
DIAL1391A05-NC	DIAL1391A05		York University, Packer Collection	
D00609G07-NS	D00609G07		York University, Packer Collection	
DIAL1848A03-NB	DIAL1848A03		York University, Packer Collection	
BEE1850G05-ME	BEE1850G05		York University, Packer Collection	
BEE0289D06-MN	BEE0289D06		York University, Packer Collection	
D01561G01-MD	D01561G01		York University, Packer Collection	
DIAL2386H03-WA	DIAL2386H03		York University, Packer Collection	
DIAL1391A06-NC	DIAL1391A06		York University, Packer Collection	
D0287G06-IL	D0287G06		York University, Packer Collection	
D0288G10-ON	D0288G10		York University, Packer Collection	
DIAL2386G06-BC	DIAL2386G06		York University, Packer Collection	
03767G09-BC	03767G09-BC		York University, Packer Collection	
06732B12-NY	06732B12-NY		York University, Packer Collection	
DIAL2386F07-WA	DIAL2386F07	BBSL696686	York University, Packer Collection	
DIAL2386H05-WA	DIAL2386H05		York University, Packer Collection	
D-3253E10-OK	D-3253E10		York University, Packer Collection	
D00607B09-KS	D00607B09		York University, Packer Collection	
DIAL1409D07-TX	DIAL1409D07		York University, Packer Collection	
DIAL1409D04-TX	DIAL1409D04		York University, Packer Collection	
DIAL1409E08-TX	DIAL1409E08		York University, Packer Collection	
DIAL1409E10-TX	DIAL1409E10		York University, Packer Collection	
DIAL1409F01-TX	DIAL1409F01		York University, Packer Collection	
D00607B01-KS	D00607B01		York University, Packer Collection	
DIAL1848F12-NC	DIAL1848F12		York University, Packer Collection	
D01561B12-ON	D01561B12		York University, Packer Collection	
DIAL1848F10-ON	DIAL1848F10	DIAL1412F10	York University, Packer Collection	
DIAL1848G01-ON	DIAL1848G01	DIAL1412G01	York University, Packer Collection	
D01561E03-ON	D01561E03		York University, Packer Collection	
DIAL2374G04-UT	DIAL2374G04	ZION23251	York University, Packer Collection	
DIAL2388B04-UT	DIAL2388B04-UT		York University, Packer Collection	
DIAL2388C03-UT	DIAL2388C03-UT		York University, Packer Collection	
DIAL2386B05-NV	DIAL2386B05	BBSL536805	York University, Packer Collection	
DIAL2384C08-AB	DIAL2384C08		York University, Packer Collection	
DIAL2374G05-UT	DIAL2374G05	ZION22357	York University, Packer Collection	
DIAL0294D02-IN	#14702		York University, Packer Collection	
D01560D03-IA	D01560D03		York University, Packer Collection	

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D01560A07-WI	D01560A07	York University, Packer Collection
DIAL1409C09-ON	DIAL1409C09	York University, Packer Collection
DIAL1390A09-ON	DIAL1390A09	York University, Packer Collection
DIAL1839G05-MN	DIAL1839G05-MN	York University, Packer Collection
D0288D03-IN	D0288D03	York University, Packer Collection
DIAL1413G03-NC	DIAL1413G03	York University, Packer Collection
D0295C04-ON	D0295C04	York University, Packer Collection
DIAL1391H04-NC	DIAL1391H04	York University, Packer Collection
DIAL1849G11-MA	DIAL1849G11	York University, Packer Collection
DIAL1839H01-MN	DIAL1839H01-MN	York University, Packer Collection
D0295C05-ON	D0295C05	York University, Packer Collection
D01562C02-MB	D01562C02	York University, Packer Collection
D01562B07-MI	D01562B07	York University, Packer Collection
B03765D08-IA	B03765D08-IA	York University, Packer Collection
04485E09-MI	04485E09-MI	York University, Packer Collection
B03765D06-IA	B03765D06-IA	York University, Packer Collection
04485E02-MI	04485E02-MI	York University, Packer Collection
B03765D11-IA	B03765D11-IA	York University, Packer Collection
B03765E01-IA	B03765E01-IA	York University, Packer Collection
D1414G06-DC	D1414G06	York University, Packer Collection
DIAL1846H11-DC	DIAL1846H11	York University, Packer Collection
BEE0289A03-MN	BEE0289A03	York University, Packer Collection
DIAL1846E03-PA	DIAL1846E03	York University, Packer Collection
D0295E03-VA	D0295E03	York University, Packer Collection
BEE0289A07-MN	BEE0289A07	York University, Packer Collection
DIAL0294H08-ON	DIAL0294H08	York University, Packer Collection
DIAL1390F12-NC	DIAL1390F12	York University, Packer Collection
D0295C07-ON	D0295C07	York University, Packer Collection
DIAL2387C02-ON	DIAL2387C02	York University, Packer Collection
DIAL1849H03-DC	DIAL1849H03	York University, Packer Collection
DIAL1846A05-ON	DIAL1846A05	York University, Packer Collection
DIAL1846A07-ON	DIAL1846A07	York University, Packer Collection
DIAL1846A02-ON	DIAL1846A02	York University, Packer Collection
DIAL1390F08-WV	DIAL1390F08	York University, Packer Collection
DIAL1391F06-ON	DIAL1391F06	York University, Packer Collection
DIAL1391G07-ON	DIAL1391G07	York University, Packer Collection
DIAL1390F03-ON	DIAL1390F03	York University, Packer Collection
DIAL1846B02-ON	DIAL1846B02	York University, Packer Collection
DIAL1846A03-ON	DIAL1846A03	York University, Packer Collection
DIAL1409C02-ON	DIAL1409C02	York University, Packer Collection
DIAL1409C03-ON	DIAL1409C03	York University, Packer Collection
DIAL1409C07-ON	DIAL1409C07	York University, Packer Collection
DIAL1409C08-ON	DIAL1409C08	York University, Packer Collection
D01562C10-MB	D01562C10	York University, Packer Collection
DIAL1390E01-ON	DIAL1390E01	York University, Packer Collection
DIAL1390F01-ON	DIAL1390F01	York University, Packer Collection
DIAL1390G01-NC	DIAL1390G01	York University, Packer Collection
DIAL1390F09-ON	DIAL1390F09	York University, Packer Collection
DIAL1390F05-ON	DIAL1390F05	York University, Packer Collection
DIAL1391G03-ON	DIAL1391G03	York University, Packer Collection
DIAL1390E03-ON	DIAL1390E03	York University, Packer Collection
DIAL1390E06-ON	DIAL1390E06	York University, Packer Collection
DIAL1390E07-ON	DIAL1390E07	York University, Packer Collection
DIAL1391G05-ON	DIAL1391G05	York University, Packer Collection
DIAL2387B11-ON	DIAL2387B11	York University, Packer Collection

BEE1850E08-MN	BEE1850E08	York University, Packer Collection
D01561A03-IN	D01561A03	York University, Packer Collection
DIAL1391G02-ON	DIAL1391G02	York University, Packer Collection
D01560A04-WI	D01560A04	York University, Packer Collection
D01560B10-ON	D01560B10	York University, Packer Collection
DIAL1849G08-WV	DIAL1849G08	York University, Packer Collection
DIAL2387B06-ON	DIAL2387B06	York University, Packer Collection
D1414G04-DC	D1414G04	York University, Packer Collection
04485F02-MI	04485F02-MI	York University, Packer Collection
DIAL1390D04-ON	DIAL1390D04	York University, Packer Collection
DIAL1409A02-ON	DIAL1409A02	York University, Packer Collection
DIAL2387C07-ON	DIAL2387C07	York University, Packer Collection
DIAL1391H06-NC	DIAL1391H06	York University, Packer Collection
D-3253D06-FL	D-3253D06	York University, Packer Collection
BEE0286A11-GA	BEE0286A11	York University, Packer Collection
DIAL1846F10-SC	DIAL1846F10	York University, Packer Collection
DIAL1846F12-SC	DIAL1846F12	York University, Packer Collection
BEE0286B08-GA	BEE0286B08	York University, Packer Collection
DIAL0294C11-IN	#3182	York University, Packer Collection
DIAL0294D01-IN	#8126	York University, Packer Collection
DIAL2385E04-ON	DIAL2385E04-ON	York University, Packer Collection
DIAL0294C12-IL	#8348	York University, Packer Collection
DIAL0293E02-MD	#11D	York University, Packer Collection
DIAL0293E01-IN	#11182	York University, Packer Collection
D00608G05-IN	D00608G05	York University, Packer Collection
D00608G01-IN	D00608G01	York University, Packer Collection
D01561A09-MD	D01561A09	York University, Packer Collection
D01561C07-MD	D01561C07	York University, Packer Collection
DIAL2385C07-DE	DIAL2385C07-DE	York University, Packer Collection
D00607F08-MA	D00607F08	York University, Packer Collection
BEE1850F05-NY	BEE1850F05	York University, Packer Collection
DIAL2385B04-NY	DIAL2385B04-NY	York University, Packer Collection
D1414H03-VA	D1414H03	York University, Packer Collection
DIAL2384H12-NY	DIAL2384H12-NY	York University, Packer Collection
D01559D03-MA	D01559D03	York University, Packer Collection
B04743G05-MA	B04743G05-MA	York University, Packer Collection
DIAL1846G03-VA	DIAL1846G03	York University, Packer Collection
D1414H12-VA	D1414H12	York University, Packer Collection
D1414H10-VA	D1414H10	York University, Packer Collection
DIAL0294D09-NC	#046341	York University, Packer Collection
D1414C12-VA	D1414C12	York University, Packer Collection
DIAL0294D08-NC	#046295	York University, Packer Collection
DIAL1413D09-FL	DIAL1413D09	York University, Packer Collection
DIAL1846G01-VA	DIAL1846G01	York University, Packer Collection
DIAL1848E10-MD	DIAL1848E10	York University, Packer Collection
DIAL1413A10-VA	DIAL1413A10	York University, Packer Collection
DIAL1413A11-VA	DIAL1413A11	York University, Packer Collection
CCDB-00611	D02 CCDB-00611 D02	York University, Packer Collection
04485G02-MI	04485G02-MI	York University, Packer Collection
DIAL1848D01-WI	DIAL1848D01	York University, Packer Collection
DIAL1846E08-WV	DIAL1846E08	York University, Packer Collection
DIAL1391D03-NC	DIAL1391D03	York University, Packer Collection
DIAL1391C11-NC	DIAL1391C11	York University, Packer Collection
D1414H08-VA	D1414H08	York University, Packer Collection
DIAL1413H11-NC	DIAL1413H11	York University, Packer Collection

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DIAL1391A10-SC	DIAL1391A10	York University, Packer Collection
D1414G12-VA	D1414G12	York University, Packer Collection
DIAL1413E09-NC	DIAL1413E09	York University, Packer Collection
DIAL1413B01-VA	DIAL1413B01	York University, Packer Collection
DIAL1413G07-NC	DIAL1413G07	York University, Packer Collection
D00607H10-KS	D00607H10	York University, Packer Collection
D0288A11-MD	D0288A11	York University, Packer Collection
D0288A09-WV	D0288A09	York University, Packer Collection
D0287D03-IL	D0287D03	York University, Packer Collection
D0288C02-DC	D0288C02	York University, Packer Collection
D0287E03-IL	D0287E03	York University, Packer Collection
DIAL0294A01-IN	#3770	York University, Packer Collection
D0287F07-IL	D0287F07	York University, Packer Collection
D0287E04-IL	D0287E04	York University, Packer Collection
DIAL1846F05-WV	DIAL1846F05	York University, Packer Collection
DIAL0294A02-ii	#8619	York University, Packer Collection
DIAL0294E08-MD	#029472	York University, Packer Collection
DIAL0294F06-VA	#046373	York University, Packer Collection
DIAL0294E10-VA	#046372	York University, Packer Collection
DIAL0294E09-MD	#046450	York University, Packer Collection
DIAL0294F08-MD	#039978	York University, Packer Collection
DIAL0292A09-VA	#017382	York University, Packer Collection
DIAL1413A01-IL	DIAL1413A01	York University, Packer Collection
DIAL1390G10-NC	DIAL1390G10	York University, Packer Collection
DIAL0294F04-VA	#046370	York University, Packer Collection
DIAL1391D06-NC	DIAL1391D06	York University, Packer Collection
B03765B12-MD	B03765B12-MD	York University, Packer Collection
DIAL1847H08-MD	DIAL1847H08	York University, Packer Collection
DIAL1391G09-MI	DIAL1391G09	York University, Packer Collection
DIAL1413H08-NC	DIAL1413H08	York University, Packer Collection
DIAL0293C02-NC	perpunctatum 023922	York University, Packer Collection
DIAL0292A08-VA	admirandum 022345	York University, Packer Collection
DIAL1413A04-IL	DIAL1413A04	York University, Packer Collection
DIAL1413A06-IL	DIAL1413A06	York University, Packer Collection
DIAL1413G05-NC	DIAL1413G05	York University, Packer Collection
DIAL1391E03-SC	DIAL1391E03	York University, Packer Collection
DIAL1413B08-IL	DIAL1413B08	York University, Packer Collection
DIAL1846E12-SC	DIAL1846E12	York University, Packer Collection
DIAL1846B01-TN	DIAL1846B01	York University, Packer Collection
DIAL1846A11-NC	DIAL1846A11	York University, Packer Collection
DIAL1846E05-MS	DIAL1846E05	York University, Packer Collection
DIAL1413H03-NC	DIAL1413H03	York University, Packer Collection
DIAL1413C04-TN	DIAL1413C04	York University, Packer Collection
D0287F02-IL	D0287F02	York University, Packer Collection
DIAL1413F02-TN	DIAL1413F02	York University, Packer Collection
D0288C08-DC	D0288C08	York University, Packer Collection
DIAL1413C08-TN	DIAL1413C08	York University, Packer Collection
DIAL1413C05-TN	DIAL1413C05	York University, Packer Collection
DIAL1413B02-VA	DIAL1413B02	York University, Packer Collection
DIAL1413C06-TN	DIAL1413C06	York University, Packer Collection
DIAL1391G08-MI	DIAL1391G08	York University, Packer Collection
DIAL1413C11-NC	DIAL1413C11	York University, Packer Collection
D0287G01-IL	D0287G01	York University, Packer Collection
DIAL1413B09-IL	DIAL1413B09	York University, Packer Collection
DIAL1413C01-IL	DIAL1413C01	York University, Packer Collection

DIAL1413F12-TN	DIAL1413F12		York University, Packer Collection
DIAL1413D05-SC	DIAL1413D05		York University, Packer Collection
DIAL1413C09-TN	DIAL1413C09		York University, Packer Collection
D0287G04-IL	D0287G04		York University, Packer Collection
D0287G02-IL	D0287G02		York University, Packer Collection
D0287G08-IL	D0287G08		York University, Packer Collection
DIAL2385D05-NC	DIAL2385D05-NC		York University, Packer Collection
DIAL1413C02-TN	DIAL1413C02		York University, Packer Collection
DIAL1413C03-TN	DIAL1413C03		York University, Packer Collection
D0287G07-IL	D0287G07		York University, Packer Collection
D0287G12-IL	D0287G12		York University, Packer Collection
D0287H09-IL	D0287H09		York University, Packer Collection
DIAL1413A03-IL	DIAL1413A03		York University, Packer Collection
D0287C11-IL	D0287C11		York University, Packer Collection
D0287C09-IL	D0287C09		York University, Packer Collection
D0287D02-MI	D0287D02		York University, Packer Collection
D0287D06-IL	D0287D06		York University, Packer Collection
B03765B08-MD	B03765B08-MD		York University, Packer Collection
D-3253C08-NM	D-3253C08		York University, Packer Collection
DIAL2374A05-UT	DIAL2374A05	BBSL418326	York University, Packer Collection
DIAL2387C12-TX	DIAL2387C12		York University, Packer Collection
DIAL2374C06-UT	DIAL2374C06	BBSL459644	York University, Packer Collection
DIAL2374A06-UT	DIAL2374A06	BBSL364307	York University, Packer Collection
DIAL1849C11-CO	DIAL1849C11		York University, Packer Collection
DIAL1409B10-TX	DIAL1409B10		York University, Packer Collection
DIAL1409E06-TX	DIAL1409E06		York University, Packer Collection
DIAL2387B03-NM	DIAL2387B03		York University, Packer Collection
DIAL2386H10-UT	DIAL2386H10	ZION19521	York University, Packer Collection
D-3253D03-NM	D-3253D03		York University, Packer Collection
DIAL2374F08-UT	DIAL2374F08	ZION23744	York University, Packer Collection
DIAL2388D11-NM	DIAL2388D11-NM		York University, Packer Collection
DIAL2386F01-NV	DIAL2386F01	BBSL671665	York University, Packer Collection
D00608D11-NM	D00608D11		York University, Packer Collection
DIAL2374F09-UT	DIAL2374F09	ZION22507	York University, Packer Collection
DIAL2386D09-UT	DIAL2386D09	ZION20631	York University, Packer Collection
DIAL1849E03-AZ	DIAL1849E03		York University, Packer Collection
DIAL2388E03-NM	DIAL2388E03-NM		York University, Packer Collection
DIAL2388B11-UT	DIAL2388B11-UT		York University, Packer Collection
B-3252H08-NV	B-3252H08		York University, Packer Collection
DIAL2374A07-UT	DIAL2374A07	BBSL460140	York University, Packer Collection
D00608H06-NV	D00608H06		York University, Packer Collection
DIAL1413F04-TN	DIAL1413F04		York University, Packer Collection
DIAL1390H04-SC	DIAL1390H04		York University, Packer Collection
DIAL1847H11-MD	DIAL1847H11		York University, Packer Collection
D1414B02-NC	D1414B02		York University, Packer Collection
DIAL1413G06-NC	DIAL1413G06		York University, Packer Collection
DIAL1845B07-CA	DIAL1845B07		York University, Packer Collection
DIAL1845A06-CA	DIAL1845A06		York University, Packer Collection
DIAL1845B01-CA	DIAL1845B01		York University, Packer Collection
DIAL1845C02-CA	DIAL1845C02		York University, Packer Collection
D00608H09-OR	D00608H09		York University, Packer Collection
D00607H02-CA	D00607H02		York University, Packer Collection
D00607D09-CA	D00607D09		York University, Packer Collection
D00607F10-CA	D00607F10		York University, Packer Collection
D01559D12-BC	D01559D12		York University, Packer Collection

415

543

D-3253F09-KY	D-3253F09		York University, Packer Collection
D0288F05-SC	D0288F05		York University, Packer Collection
D0287D12-IL	D0287D12		York University, Packer Collection
D0287F08-IL	D0287F08		York University, Packer Collection
DIAL1846G12-SC	DIAL1846G12		York University, Packer Collection
D0287F05-IL	D0287F05		York University, Packer Collection
DIAL1413H01-NC	DIAL1413H01		York University, Packer Collection
D0287H02-IL	D0287H02		York University, Packer Collection
DIAL1391D05-NC	DIAL1391D05		York University, Packer Collection
DIAL1409B08-VA	DIAL1409B08		York University, Packer Collection
DIAL1409B09-VA	DIAL1409B09		York University, Packer Collection
DIAL1413C10-NC	DIAL1413C10		York University, Packer Collection
DIAL1413B07-IL	DIAL1413B07		York University, Packer Collection
DIAL1413D02-TN	DIAL1413D02		York University, Packer Collection
DIAL1391E06-SC	DIAL1391E06		York University, Packer Collection
D0288G07-NC	D0288G07		York University, Packer Collection
DIAL1413G02-TN	DIAL1413G02		York University, Packer Collection
D0287F03-IL	D0287F03		York University, Packer Collection
DIAL1390G08-NC	DIAL1390G08		York University, Packer Collection
DIAL1413G01-TN	DIAL1413G01		York University, Packer Collection
D0287C06-IL	D0287C06		York University, Packer Collection
DIAL1391F08-ON	DIAL1391F08		York University, Packer Collection
DIAL1413H06-NC	DIAL1413H06		York University, Packer Collection
DIAL1391F02-NC	DIAL1391F02		York University, Packer Collection
DIAL1391B02-SC	DIAL1391B02		York University, Packer Collection
DIAL1849G10-MA	DIAL1849G10		York University, Packer Collection
D-3253A10-BC	D-3253A10		York University, Packer Collection
D-3253A04-BC	D-3253A04		York University, Packer Collection
DIAL2388B03-UT	DIAL2388B03-UT		York University, Packer Collection
DIAL1847G08-OR	DIAL1847G08		York University, Packer Collection
DIAL1409D08-OR	DIAL1409D08		York University, Packer Collection
DIAL1847G09-OR	DIAL1847G09		York University, Packer Collection
DIAL1847G11-OR	DIAL1847G11		York University, Packer Collection
D00608A10-CA	D00608A10		York University, Packer Collection
DIAL2386H12-UT	DIAL2386H12	ZION20195	York University, Packer Collection
DIAL2386H02-WA	DIAL2386H02		York University, Packer Collection
D00607D10-CA	D00607D10		York University, Packer Collection
D00607D07-CA	D00607D07		York University, Packer Collection
DIAL2386D03-UT	DIAL2386D03	ZION20813	York University, Packer Collection
DIAL2386D05-UT	DIAL2386D05	ZION22265	York University, Packer Collection
06717H07-MA	CCDB-06717 H07		York University, Packer Collection
DIAL2385D09-WV	DIAL2385D09-WV		York University, Packer Collection
D01560D09-IA	D01560D09		York University, Packer Collection
B03751H11-MA	B03751H11-MA		York University, Packer Collection
D01560E05-IA	D01560E05		York University, Packer Collection
B03750B04-MA	B03750B04-MA		York University, Packer Collection
B04743H04-MA	B04743H04-MA		York University, Packer Collection
06735G03-MA	CCDB-06735G03		York University, Packer Collection
D-3253B07-BC	D-3253B07	BBSL704328	York University, Packer Collection
D-3253A07-BC	D-3253A07	BBSL705735	York University, Packer Collection
D-3253B05-BC	D-3253B05	BBSL701926	York University, Packer Collection
D-3253C02-BC	D-3253C02	BBSL704151	York University, Packer Collection
DIAL1845C08-CA	DIAL1845C08		York University, Packer Collection
D-3253B09-BC	D-3253B09	BBSL701194	York University, Packer Collection
DIAL1845C07-CA	DIAL1845C07		York University, Packer Collection

D0295F03-CO	D0295F03		York University, Packer Collection
D-3253A03-BC	D-3253A03	BBSL705988	York University, Packer Collection
D00608D06-BC	D00608D06		York University, Packer Collection
D00608E08-BC	D00608E08		York University, Packer Collection
D00608D08-BC	D00608D08		York University, Packer Collection
D00607C01-CO	D00607C01		York University, Packer Collection
DIAL1845G08-BC	DIAL1845G08		York University, Packer Collection
DIAL2374E06-WA	DIAL2374E06	BBSL696000	York University, Packer Collection
DIAL1409C10-OR	DIAL1409C10		York University, Packer Collection
DIAL1845F09-BC	DIAL1845F09		York University, Packer Collection
DIAL1845D07-CA	DIAL1845D07		York University, Packer Collection
DIAL1845D06-CA	DIAL1845D06		York University, Packer Collection
DIAL1845D11-CA	DIAL1845D11		York University, Packer Collection
DIAL1845E04-CA	DIAL1845E04		York University, Packer Collection
DIAL1845F03-BC	DIAL1845F03		York University, Packer Collection
DIAL1845G05-BC	DIAL1845G05		York University, Packer Collection
03767G11-BC	03767G11-BC		York University, Packer Collection
DIAL2387E11-BC	DIAL2387E11		York University, Packer Collection
DIAL2387F03-BC	DIAL2387F03		York University, Packer Collection
DIAL2387A05-ID	DIAL2387A05		York University, Packer Collection
DIAL2386A05-CA	DIAL2386A05	BBSL563254	York University, Packer Collection
D00608D10-BC	D00608D10		York University, Packer Collection
DIAL2386G12-ID	DIAL2386G12		York University, Packer Collection
D00608C09-CO	D00608C09		York University, Packer Collection
D00608C02-CO	D00608C02		York University, Packer Collection
D00608F04-BC	D00608F04		York University, Packer Collection
D01562A04-MT	D01562A04		York University, Packer Collection
D0295H06-CO	D0295H06		York University, Packer Collection
B03765E10-BC	B03765E10-BC		York University, Packer Collection
D-3253C01-BC	D-3253C01	BBSL705721	York University, Packer Collection
DIAL2385E08-MD	DIAL2385E08-MD		York University, Packer Collection
DIAL1848H12-PE	DIAL1848H12		York University, Packer Collection
DIAL1845H05-BC	DIAL1845H05		York University, Packer Collection
D-3253A02-BC	D-3253A02	BBSL706086	York University, Packer Collection
D00609G06-NS	D00609G06		York University, Packer Collection
DIAL0294F05-MD	#035032		York University, Packer Collection
DIAL0294H11-NB	DIAL0294H11		York University, Packer Collection
D00607G08-BC	D00607G08		York University, Packer Collection
DIAL1846A08-NC	DIAL1846A08		York University, Packer Collection
DIAL1845H08-BC	DIAL1845H08		York University, Packer Collection
DIAL1845F08-BC	DIAL1845F08		York University, Packer Collection
DIAL1391B11-NC	DIAL1391B11		York University, Packer Collection
D00609G04-NS	D00609G04		York University, Packer Collection
DIAL1848D05-NS	DIAL1848D05		York University, Packer Collection
DIAL1409H12-ON	DIAL1409H12		York University, Packer Collection
DIAL1845H02-BC	DIAL1845H02		York University, Packer Collection
DIAL1845G01-BC	DIAL1845G01		York University, Packer Collection
DIAL1845G02-BC	DIAL1845G02		York University, Packer Collection
DIAL1845F04-BC	DIAL1845F04		York University, Packer Collection
DIAL1409B05-NC	DIAL1409B05		York University, Packer Collection
DIAL1845F06-BC	DIAL1845F06		York University, Packer Collection
DIAL1845F07-BC	DIAL1845F07		York University, Packer Collection
DIAL1413E07-NC	DIAL1413E07		York University, Packer Collection
DIAL1848F09-PE	DIAL1848F09		York University, Packer Collection
DIAL1848A05-NB	DIAL1848A05		York University, Packer Collection

DIAL1848A06-NB	DIAL1848A06	York University, Packer Collection
DIAL1848G06-PE	DIAL1848G06	York University, Packer Collection
DIAL1849H06-ME	DIAL1849H06	York University, Packer Collection
DIAL2388D05-CO	DIAL2388D05-CO	York University, Packer Collection
D01562D02-ON	D01562D02	York University, Packer Collection
D00607A05-AB	D00607A05	York University, Packer Collection
D00607C10-AB	D00607C10	York University, Packer Collection
D00607C09-AB	D00607C09	York University, Packer Collection
DIAL1391A07-NC	DIAL1391A07	York University, Packer Collection
D0295B10-ON	D0295B10	York University, Packer Collection
D0295C01-ON	D0295C01	York University, Packer Collection
DIAL1391C02-NC	DIAL1391C02	York University, Packer Collection
DIAL1391B03-OH	DIAL1391B03	York University, Packer Collection
DIAL1391C01-NC	DIAL1391C01	York University, Packer Collection
DIAL2388D04-CO	DIAL2388D04-CO	York University, Packer Collection
06745E10-ON	06745E10-ON	York University, Packer Collection
DIAL1413E02-FL	DIAL1413E02	York University, Packer Collection
DIAL1413E04-FL	DIAL1413E04	York University, Packer Collection
DIAL1413E06-FL	DIAL1413E06	York University, Packer Collection
04485F04-MI	04485F04-MI	York University, Packer Collection
04485F08-MI	04485F08-MI	York University, Packer Collection
04485E08-MI	04485E08-MI	York University, Packer Collection
DIAL1848C01-NB	DIAL1848C01	York University, Packer Collection
04485F09-MI	04485F09-MI	York University, Packer Collection
04485F11-MI	04485F11-MI	York University, Packer Collection
04485H06-MI	04485H06-MI	York University, Packer Collection
DIAL1846A04-ON	DIAL1846A04	York University, Packer Collection
04485H04-MI	04485H04-MI	York University, Packer Collection
DIAL1848B11-NB	DIAL1848B11	York University, Packer Collection
D00609G02-NS	D00609G02	York University, Packer Collection
D00609H09-NS	D00609H09	York University, Packer Collection
DIAL1845E03-TX	DIAL1845E03	York University, Packer Collection
DIAL1846D07-MS	DIAL1846D07	York University, Packer Collection
DIAL1846F11-MS	DIAL1846F11	York University, Packer Collection
DIAL1391A11-SC	DIAL1391A11	York University, Packer Collection
DIAL2385E07-WV	DIAL2385E07-WV	York University, Packer Collection
BEE0289B05-MN	BEE0289B05	York University, Packer Collection
DIAL0286H09-MB	DIAL0286H09	York University, Packer Collection
DIAL0286H04-MB	DIAL0286H04	York University, Packer Collection
D0295B08-ON	D0295B08	York University, Packer Collection
DIAL1390C12-ON	DIAL1390C12	York University, Packer Collection
DIAL0292H06-WV	#018478	York University, Packer Collection
DIAL1839G07-MN	DIAL1839G07-MN	York University, Packer Collection
06732C04-WV	06732C04-WV	York University, Packer Collection
D00607B07-KS	D00607B07	York University, Packer Collection
DIAL1409B01-NC	DIAL1409B01	York University, Packer Collection
DIAL1390C07-ON	DIAL1390C07	York University, Packer Collection
DIAL1390C04-ON	DIAL1390C04	York University, Packer Collection
DIAL0286H06-MB	DIAL0286H06	York University, Packer Collection
DIAL1846B05-MD	DIAL1846B05	York University, Packer Collection
DIAL1847H12-MD	DIAL1847H12	York University, Packer Collection
DIAL2388E04-AL	DIAL2388E04-AL	York University, Packer Collection
DIAL1846H04-MS	DIAL1846H04	York University, Packer Collection
DIAL1846E02-MS	DIAL1846E02	York University, Packer Collection
DIAL1846E09-MS	DIAL1846E09	York University, Packer Collection

DIAL1846E06-MS DIAL1846E06		York University, Packer Collection
DIAL1846D05-MS DIAL1846D05		York University, Packer Collection
DIAL2387F06-TX DIAL2387F06		York University, Packer Collection
D0288F08-NC D0288F08		York University, Packer Collection
BEE0286B09-GA BEE0286B09		York University, Packer Collection
D0288F10-SC D0288F10		York University, Packer Collection
D01559E03-BC D01559E03		York University, Packer Collection
D01559F06-BC D01559F06		York University, Packer Collection
D00608B10-BC D00608B10		York University, Packer Collection
D00608D04-BC D00608D04		York University, Packer Collection
D00609H07-BC D00609H07		York University, Packer Collection
D00609H03-BC D00609H03		York University, Packer Collection
D00609H05-BC D00609H05		York University, Packer Collection
DIAL2388B05-WA DIAL2388B05-WA		York University, Packer Collection
D01561E05-CA D01561E05		York University, Packer Collection
CCDB - 01565 H3 CCDB - 01565 H3		York University, Packer Collection
CCDB - 01565 H8 CCDB - 01565 H8		York University, Packer Collection
D1414C03-VA D1414C03		York University, Packer Collection
DIAL1846D08-VA DIAL1846D08		York University, Packer Collection
DIAL1848C05-MD DIAL1848C05	DIAL1412C05	York University, Packer Collection
D1414D08-VA D1414D08		York University, Packer Collection
D1414C06-VA D1414C06		York University, Packer Collection
D1414C05-VA D1414C05		York University, Packer Collection
D1414C04-VA D1414C04		York University, Packer Collection
D01561E08-NY D01561E08		York University, Packer Collection
DIAL1849F05-DC DIAL1849F05		York University, Packer Collection
DIAL1409B02-NC DIAL1409B02		York University, Packer Collection
DIAL1409A01-ON DIAL1409A01		York University, Packer Collection
D-3253E12-FL D-3253E12		York University, Packer Collection
D-3253E02-FL D-3253E02		York University, Packer Collection
D01559A03-FL D01559A03		York University, Packer Collection
D01561H08-FL D01561H08		York University, Packer Collection
D01559D09-FL D01559D09		York University, Packer Collection
D01562D03-FL D01562D03		York University, Packer Collection
D-3253B01-BC D-3253B01	BBSL703865	York University, Packer Collection
D-3253A05-BC D-3253A05	BBSL702805	York University, Packer Collection
D-3253B10-BC D-3253B10	BBSL704230	York University, Packer Collection
D-3253B11-BC D-3253B11	BBSL703502	York University, Packer Collection
D-3253B08-BC D-3253B08	BBSL702791	York University, Packer Collection
D-3262G02-UT D-3262G02-UT		York University, Packer Collection
D-3253A08-BC D-3253A08	BBSL705167	York University, Packer Collection
DIAL1845C12-CA DIAL1845C12		York University, Packer Collection
DIAL1845D10-CA DIAL1845D10		York University, Packer Collection
DIAL2387E12-BC DIAL2387E12		York University, Packer Collection
D00607F07-CA D00607F07		York University, Packer Collection
BEE1850F04-OR BEE1850F04		York University, Packer Collection
D00607G10-BC D00607G10		York University, Packer Collection
DIAL2386C03-CA DIAL2386C03	BBSL566129	York University, Packer Collection
DIAL2374A11-UT DIAL2374A11	BBSL370394	York University, Packer Collection
DIAL2386D08-UT DIAL2386D08	ZION19814	York University, Packer Collection
DIAL2386D06-UT DIAL2386D06	ZION121776	York University, Packer Collection
DIAL2386C04-CA DIAL2386C04	BBSL564884	York University, Packer Collection
D01559E12-BC D01559E12		York University, Packer Collection
DIAL2374D09-UT DIAL2374D09	BBSL437336	York University, Packer Collection
DIAL2374E11-WA DIAL2374E11	BBSL696899	York University, Packer Collection

06732F01-WY	06732F01-WY		York University, Packer Collection
DIAL2385C01-MD	DIAL2385C01-MD		York University, Packer Collection
DIAL1849G01-ME	DIAL1849G01		York University, Packer Collection
04485A08-MD	04485A08-MD		York University, Packer Collection
D00609G08-NS	D00609G08		York University, Packer Collection
DIAL1849F12-MA	DIAL1849F12		York University, Packer Collection
DIAL1848F03-ON	DIAL1848F03	DIAL1412F03	York University, Packer Collection
D01560B11-VT	D01560B11		York University, Packer Collection
DIAL1848F05-PE	DIAL1848F05	DIAL1412F05	York University, Packer Collection
D0288B10-NC	D0288B10		York University, Packer Collection
D1414C10-VA	D1414C10		York University, Packer Collection
D1414C09-VA	D1414C09		York University, Packer Collection
D-3253F11-FL	D-3253F11		York University, Packer Collection
D1414F02-NC	D1414F02		York University, Packer Collection
D1414E12-NC	D1414E12		York University, Packer Collection
D1414E11-NC	D1414E11		York University, Packer Collection
D0288C03-SC	D0288C03		York University, Packer Collection
D1414C08-VA	D1414C08		York University, Packer Collection
D0288B11-NC	D0288B11		York University, Packer Collection
DIAL1846D11-MS	DIAL1846D11		York University, Packer Collection
DIAL1849F03-NC	DIAL1849F03		York University, Packer Collection
D1414D09-VA	D1414D09		York University, Packer Collection
B03765B03-VA	B03765B03-VA		York University, Packer Collection
D0288C11-SC	D0288C11		York University, Packer Collection
D1414F05-NC	D1414F05		York University, Packer Collection
D1414C07-VA	D1414C07		York University, Packer Collection
D0295D12-MD	D0295D12		York University, Packer Collection
D1414B06-VA	D1414B06		York University, Packer Collection
DIAL0293B05-MD	#011917		York University, Packer Collection
D1414B07-VA	D1414B07		York University, Packer Collection
D00607D12-MA	D00607D12		York University, Packer Collection
D00608F12-IN	D00608F12		York University, Packer Collection
D1414B08-VA	D1414B08		York University, Packer Collection
D1414E01-VA	D1414E01		York University, Packer Collection
D1414B09-VA	D1414B09		York University, Packer Collection
DIAL1849G02-MA	DIAL1849G02		York University, Packer Collection
DIAL1413E12-TN	DIAL1413E12		York University, Packer Collection
DIAL0294F11-VA	#048070		York University, Packer Collection
DIAL1847B03-WV	DIAL1847B03		York University, Packer Collection
DIAL1848C11-NY	DIAL1848C11	DIAL1412C11	York University, Packer Collection
D0295E06-MD	D0295E06		York University, Packer Collection
DIAL1846B08-WV	DIAL1846B08		York University, Packer Collection
BEE0286D09-VA	BEE0286D09		York University, Packer Collection
DIAL1391A04-NC	DIAL1391A04		York University, Packer Collection
DIAL1390G11-NC	DIAL1390G11		York University, Packer Collection
DIAL1849H08-VT	DIAL1849H08		York University, Packer Collection
DIAL2385B03-MB	DIAL2385B03-MB		York University, Packer Collection
DIAL2387F09-NM	DIAL2387F09		York University, Packer Collection
DIAL2387H11-NM	DIAL2387H11		York University, Packer Collection
D0287A11-CO	D0287A11		York University, Packer Collection
DIAL2385A10-MB	DIAL2385A10-MB		York University, Packer Collection
D0295G05-CO	D0295G05		York University, Packer Collection
DIAL2385A04-CO	DIAL2385A04-CO		York University, Packer Collection
D0287B11-CO	D0287B11		York University, Packer Collection
D01561B01-MT	D01561B01		York University, Packer Collection

06732F09-WY	06732F09-WY	York University, Packer Collection
D0295G10-CO	D0295G10	York University, Packer Collection
DIAL1390C09-ON	DIAL1390C09	York University, Packer Collection
DIAL1849G09-MA	DIAL1849G09	York University, Packer Collection
DIAL1409A06-NC	DIAL1409A06	York University, Packer Collection
DIAL1409A11-NC	DIAL1409A11	York University, Packer Collection
DIAL1845G06-BC	DIAL1845G06	York University, Packer Collection
DIAL1845H10-BC	DIAL1845H10	York University, Packer Collection
DIAL1845G04-BC	DIAL1845G04	York University, Packer Collection
DIAL1845F05-BC	DIAL1845F05	York University, Packer Collection
DIAL1845H03-BC	DIAL1845H03	York University, Packer Collection
DIAL1845H11-BC	DIAL1845H11	York University, Packer Collection
D00608G06-BC	D00608G06	York University, Packer Collection
DIAL1845H12-BC	DIAL1845H12	York University, Packer Collection
DIAL1845G03-BC	DIAL1845G03	York University, Packer Collection
DIAL1845G07-BC	DIAL1845G07	York University, Packer Collection
DIAL1845G12-BC	DIAL1845G12	York University, Packer Collection
DIAL1845F12-BC	DIAL1845F12	York University, Packer Collection
DIAL1845F10-BC	DIAL1845F10	York University, Packer Collection
DIAL1845F02-BC	DIAL1845F02	York University, Packer Collection
DIAL1845G09-BC	DIAL1845G09	York University, Packer Collection
DIAL1845G10-BC	DIAL1845G10	York University, Packer Collection
DIAL1845G11-BC	DIAL1845G11	York University, Packer Collection
DIAL2387H05-CO	DIAL2387H05	York University, Packer Collection
B03765E05-BC	B03765E05-BC	York University, Packer Collection
CCDB-00611 H09	CCDB-00611 H09	York University, Packer Collection
D01559D04-AB	D01559D04	York University, Packer Collection
DIAL2385A08-SK	DIAL2385A08-SK	York University, Packer Collection
D01559G01-AB	D01559G01	York University, Packer Collection
DIAL2385B02-SK	DIAL2385B02-SK	York University, Packer Collection
DIAL0293B11-WV	#032687	York University, Packer Collection
DIAL1413A02-IL	DIAL1413A02	York University, Packer Collection
DIAL1409A08-NC	DIAL1409A08	York University, Packer Collection
DIAL1390E09-ON	DIAL1390E09	York University, Packer Collection
DIAL1413B05-IL	DIAL1413B05	York University, Packer Collection
D00609C03-WI	D00609C03	York University, Packer Collection
D01560C09-IA	D01560C09	York University, Packer Collection
CCDB-01557 B01	CCDB-01557 B01	York University, Packer Collection
DIAL1390D01-NT	DIAL1390D01	York University, Packer Collection
DIAL1390C10-NT	DIAL1390C10	York University, Packer Collection
DIAL2384B09-YT	DIAL2384B09	York University, Packer Collection
D0295F10-CO	D0295F10	York University, Packer Collection
DIAL0286G05-MB	DIAL0286G05	York University, Packer Collection
DIAL0286G06-MB	DIAL0286G06	York University, Packer Collection
DIAL0293B09-IN	perpunctatum #12484	York University, Packer Collection
D00609H10-NS	D00609H10	York University, Packer Collection
DIAL0286G07-MB	DIAL0286G07	York University, Packer Collection
DIAL0286G03-MB	DIAL0286G03	York University, Packer Collection
D01561B02-MT	D01561B02	York University, Packer Collection
D0287A03-CO	D0287A03	York University, Packer Collection
DIAL0286G10-MB	DIAL0286G10	York University, Packer Collection
DIAL0286G09-MB	DIAL0286G09	York University, Packer Collection
DIAL0286G04-MB	DIAL0286G04	York University, Packer Collection
DIAL0286H03-MB	DIAL0286H03	York University, Packer Collection
DIAL0293C07-MN	pictum #03	York University, Packer Collection

DIAL0293C08-MN pictum #04	York University, Packer Collection
DIAL0293C06-MN #02	York University, Packer Collection
DIAL0294C01-IN #15765	York University, Packer Collection
DIAL0293C05-MN #01	York University, Packer Collection
DIAL0286F07-MB DIAL0286F07	York University, Packer Collection
DIAL0286F08-MB DIAL0286F08	York University, Packer Collection
DIAL0286F06-MB DIAL0286F06	York University, Packer Collection
DIAL2385B11-MI DIAL2385B11-MI	York University, Packer Collection
D00609B09-WI D00609B09	York University, Packer Collection
D1414D12-VA D1414D12	York University, Packer Collection
DIAL1391D02-NC DIAL1391D02	York University, Packer Collection
DIAL0294F12-NY #046092	York University, Packer Collection
DIAL1390B05-ON DIAL1390B05	York University, Packer Collection
04485G12-MI 04485G12-MI	York University, Packer Collection
DIAL1846A06-ON DIAL1846A06	York University, Packer Collection
DIAL1847H06-MD DIAL1847H06	York University, Packer Collection
DIAL1391A01-VA DIAL1391A01	York University, Packer Collection
DIAL1413C07-TN DIAL1413C07	York University, Packer Collection
04485F01-MI 04485F01-MI	York University, Packer Collection
DIAL1409A05-NC DIAL1409A05	York University, Packer Collection
DIAL1413A08-VA DIAL1413A08	York University, Packer Collection
DIAL1390H05-NC DIAL1390H05	York University, Packer Collection
DIAL1413F05-TN DIAL1413F05	York University, Packer Collection
DIAL1413D03-NC DIAL1413D03	York University, Packer Collection
DIAL1413B04-ON DIAL1413B04	York University, Packer Collection
BEE1850F06-MN BEE1850F06	York University, Packer Collection
DIAL1391C12-NC DIAL1391C12	York University, Packer Collection
D00607G06-BC D00607G06	York University, Packer Collection
DIAL0294H10-NB DIAL0294H10	York University, Packer Collection
DIAL1848A02-NB DIAL1848A02	York University, Packer Collection
DIAL1848G02-NB DIAL1848G02	York University, Packer Collection
DIAL1848A01-NB DIAL1848A01	York University, Packer Collection
DIAL2388E07-NB DIAL2388E07-NB	York University, Packer Collection
DIAL1391F05-NT DIAL1391F05	York University, Packer Collection
CCDB-00611 F10- CCDB-00611 F10	York University, Packer Collection
D01560D11-DC D01560D11	York University, Packer Collection
DIAL2385C11-DC DIAL2385C11-DC	York University, Packer Collection
DIAL1413D08-NC DIAL1413D08	York University, Packer Collection
DIAL0293D07-WV BBSL429788	York University, Packer Collection
DIAL0293D03-MD #028159	York University, Packer Collection
DIAL1849H02-DC DIAL1849H02	York University, Packer Collection
DIAL1847H09-MD DIAL1847H09	York University, Packer Collection
DIAL1848E09-MD DIAL1848E09	York University, Packer Collection
D01560B02-DC D01560B02	York University, Packer Collection
D01560B05-DC D01560B05	York University, Packer Collection
DIAL1849F08-MD DIAL1849F08	York University, Packer Collection
D00609E03-MT D00609E03	York University, Packer Collection
D0295H01-CO D0295H01	York University, Packer Collection
D01559F01-AB D01559F01	York University, Packer Collection
DIAL2386G09-WA DIAL2386G09	York University, Packer Collection
D0295G03-CO D0295G03	York University, Packer Collection
DIAL2384C05-AB DIAL2384C05	York University, Packer Collection
DIAL1848F01-CO DIAL1848F01	York University, Packer Collection
D01559C10-AB D01559C10	York University, Packer Collection
DIAL2386H04-WA DIAL2386H04	York University, Packer Collection

293D04

D0295G01-CO	D0295G01		York University, Packer Collection
D01559H06-BC	D01559H06		York University, Packer Collection
D0287C02-CO	D0287C02		York University, Packer Collection
D01559G06-BC	D01559G06		York University, Packer Collection
D01559H09-BC	D01559H09		York University, Packer Collection
D01559A11-MT	D01559A11		York University, Packer Collection
DIAL2384C06-AB	DIAL2384C06		York University, Packer Collection
DIAL2388F09-UT	DIAL2388F09-UT		York University, Packer Collection
BEE0289H09-MB	BEE0289H09		York University, Packer Collection
BEE0289H07-MB	BEE0289H07		York University, Packer Collection
DIAL1409H03-MB	DIAL1409H03		York University, Packer Collection
BEE0289H06-MB	BEE0289H06		York University, Packer Collection
BEE0289H10-MB	BEE0289H10		York University, Packer Collection
DIAL2388G12-AZ	DIAL2388G12-AZ		York University, Packer Collection
DIAL2374G02-UT	DIAL2374G02	ZION21740	York University, Packer Collection
DIAL2374B05-UT	DIAL2374B05	BBSL428648	York University, Packer Collection
DIAL1845B08-CA	DIAL1845B08		York University, Packer Collection
D00608C07-CA	D00608C07		York University, Packer Collection
DIAL1845B02-CA	DIAL1845B02		York University, Packer Collection
DIAL2387A07-ID	DIAL2387A07		York University, Packer Collection
B03765G03-BC	B03765G03-BC		York University, Packer Collection
DIAL1848D04-FL	DIAL1848D04		York University, Packer Collection
DIAL0293E07-FL	#032210		York University, Packer Collection
DIAL0293E09-FL	#032211		York University, Packer Collection
DIAL0293E08-FL	#032175		York University, Packer Collection
DIAL1846H07-SC	DIAL1846H07		York University, Packer Collection
DIAL1847A04-FL	DIAL1847A04		York University, Packer Collection
DIAL1413E05-FL	DIAL1413E05		York University, Packer Collection
DIAL1846B11-MS	DIAL1846B11		York University, Packer Collection
DIAL1847A02-FL	DIAL1847A02		York University, Packer Collection
D0288E11-SC	D0288E11		York University, Packer Collection
DIAL1846F01-SC	DIAL1846F01		York University, Packer Collection
DIAL1846B09-MS	DIAL1846B09		York University, Packer Collection
DIAL1846D01-MS	DIAL1846D01		York University, Packer Collection
D0288G05-FL	D0288G05		York University, Packer Collection
D0288G04-FL	D0288G04		York University, Packer Collection
D0288F04-SC	D0288F04		York University, Packer Collection
D0288E02-NC	D0288E02		York University, Packer Collection
D0288C12-FL	D0288C12		York University, Packer Collection
D0288F01-SC	D0288F01		York University, Packer Collection
B03765A01-GA	B03765A01-GA		York University, Packer Collection
D01559B08-GA	D01559B08		York University, Packer Collection
D01559C11-GA	D01559C11		York University, Packer Collection
D01559E01-GA	D01559E01		York University, Packer Collection
DIAL1846D03-MS	DIAL1846D03		York University, Packer Collection
DIAL1846C03-MS	DIAL1846C03		York University, Packer Collection
D01561E01-MA	D01561E01		York University, Packer Collection
DIAL1848D08-MD	DIAL1848D08	292D02	York University, Packer Collection
DIAL1848D06-WV	DIAL1848D06	292D01	York University, Packer Collection
DIAL2385C05-MD	DIAL2385C05-MD		York University, Packer Collection
DIAL1849F10-MD	DIAL1849F10		York University, Packer Collection
DIAL2384B01-YT	DIAL2384B01		York University, Packer Collection
DIAL2384A10-YT	DIAL2384A10		York University, Packer Collection
DIAL2384B03-YT	DIAL2384B03		York University, Packer Collection
DIAL2384A08-YT	DIAL2384A08		York University, Packer Collection

B01558C07-AB	CCDB-01558C7		York University, Packer Collection
DIAL2387C04-NM	DIAL2387C04		York University, Packer Collection
D00609B02-MT	D00609B02		York University, Packer Collection
D01562A01-MT	D01562A01		York University, Packer Collection
DIAL2374G03-NV	DIAL2374G03	BBSL577864	York University, Packer Collection
03767G04-BC	03767G04-BC		York University, Packer Collection
CCDB-00611 H02	CCDB-00611 H02		York University, Packer Collection
D0295H07-CO	D0295H07		York University, Packer Collection
CCDB-01557 A01	CCDB-01557 A01		York University, Packer Collection
DIAL2384C03-AB	DIAL2384C03		York University, Packer Collection
D0295H03-CO	D0295H03		York University, Packer Collection
D01559G12-BC	D01559G12		York University, Packer Collection
D00607H03-SK	D00607H03		York University, Packer Collection
DIAL2386G03-BC	DIAL2386G03		York University, Packer Collection
DIAL2374B07-UT	DIAL2374B07	BBSL475705	York University, Packer Collection
DIAL2388C07-NV	DIAL2388C07-NV		York University, Packer Collection
D01561E07-SK	D01561E07		York University, Packer Collection
D01561E02-SK	D01561E02		York University, Packer Collection
D01562D12-BC	D01562D12		York University, Packer Collection
D01559A08-AB	D01559A08		York University, Packer Collection
04486E05-WA	04486E05-WA		York University, Packer Collection
CCDB-00611 H11	CCDB-00611 H11		York University, Packer Collection
03767G06-BC	03767G06-BC		York University, Packer Collection
B03765E06-BC	B03765E06-BC		York University, Packer Collection
CCDB-01557 A04	CCDB-01557 A04		York University, Packer Collection
06732E12-WY	06732E12-WY		York University, Packer Collection
DIAL2386A08-NV	DIAL2386A08	BBSL530045	York University, Packer Collection
D01562D10-ON	D01562D10		York University, Packer Collection
DIAL0286H10-MB	DIAL0286H10		York University, Packer Collection
DIAL0291H07-MB	DIAL0291H07		York University, Packer Collection
DIAL0291H05-MB	DIAL0291H05		York University, Packer Collection
DIAL0291H06-MB	DIAL0291H06		York University, Packer Collection
DIAL0286H11-MB	DIAL0286H11		York University, Packer Collection
DIAL0286H07-MB	DIAL0286H07		York University, Packer Collection
DIAL0286H08-MB	DIAL0286H08		York University, Packer Collection
B03765F12-BC	B03765F12-BC		York University, Packer Collection
DIAL1409H04-MB	DIAL1409H04		York University, Packer Collection
DIAL1409H02-MB	DIAL1409H02		York University, Packer Collection
CCDB-01557 A09	CCDB-01557 A09		York University, Packer Collection
D01562C04-MB	D01562C04		York University, Packer Collection
D01560A10-WI	D01560A10		York University, Packer Collection
DIAL0291H08-MB	DIAL0291H08		York University, Packer Collection
D01562E02-MB	D01562E02		York University, Packer Collection
D01562C09-ON	D01562C09		York University, Packer Collection
CCDB-01557 A07	CCDB-01557 A07		York University, Packer Collection
B03765F09-BC	B03765F09-BC		York University, Packer Collection
CCDB-01557 A10	CCDB-01557 A10		York University, Packer Collection
CCDB-01557 A11	CCDB-01557 A11		York University, Packer Collection
B03765F06-BC	B03765F06-BC		York University, Packer Collection
D00608F06-BC	D00608F06		York University, Packer Collection
B03751H05-BC	B03751H05-BC		York University, Packer Collection
D01559E08-BC	D01559E08		York University, Packer Collection
D00607E12-UT	D00607E12		York University, Packer Collection
D00608E01-BC	D00608E01		York University, Packer Collection
D01561F06-BC	D01561F06		York University, Packer Collection

B03765E12-BC	B03765E12-BC		York University, Packer Collection
D0295F01-CO	D0295F01		York University, Packer Collection
DIAL2374E05-WA	DIAL2374E05	BBSL696917	York University, Packer Collection
CCDB-00611 H04	CCDB-00611 H04		York University, Packer Collection
D01559G09-BC	D01559G09		York University, Packer Collection
D0295G11-CO	D0295G11		York University, Packer Collection
DIAL2387C03-ID	DIAL2387C03		York University, Packer Collection
D0295F04-CO	D0295F04		York University, Packer Collection
DIAL2374E04-WA	DIAL2374E04	BBSL696048	York University, Packer Collection
D01559B11-BC	D01559B11		York University, Packer Collection
D01559C03-BC	D01559C03		York University, Packer Collection
D0295H11-CO	D0295H11		York University, Packer Collection
D0287C01-CO	D0287C01		York University, Packer Collection
D0287B01-CO	D0287B01		York University, Packer Collection
D01562A10-MT	D01562A10		York University, Packer Collection
D0295G06-CO	D0295G06		York University, Packer Collection
CCDB-00611 H03	CCDB-00611 H03		York University, Packer Collection
DIAL2388D12-NM	DIAL2388D12-NM		York University, Packer Collection
DIAL0293H09-AZ	DIAL0293H09		York University, Packer Collection
D-3262F07-NM	D-3262F07-NM		York University, Packer Collection
D0295G07-CO	D0295G07		York University, Packer Collection
DIAL1848C04-MN	DIAL1848C04	DIAL1412C04	York University, Packer Collection
DIAL1848F02-MN	DIAL1848F02		York University, Packer Collection
DIAL1848B05-AZ	DIAL1848B05	DIAL1412B05	York University, Packer Collection
DIAL1849B05-AZ	DIAL1849B05		York University, Packer Collection
DIAL1847F03-TX	DIAL1847F03		York University, Packer Collection
DIAL1849E10-AZ	DIAL1849E10		York University, Packer Collection
D0287A06-CO	D0287A06		York University, Packer Collection
DIAL2374F12-UT	DIAL2374F12	ZION21139	York University, Packer Collection
D0295G02-CO	D0295G02		York University, Packer Collection
DIAL1849E02-CO	DIAL1849E02		York University, Packer Collection
DIAL1848B01-AZ	DIAL1848B01	DIAL1412B01	York University, Packer Collection
DIAL1848C03-MN	DIAL1848C03	DIAL1412C03	York University, Packer Collection
D01561B03-CA	D01561B03		York University, Packer Collection
DIAL2386B02-NV	DIAL2386B02	BBSL575216	York University, Packer Collection
DIAL2374G01-UT	DIAL2374G01	ZION22020	York University, Packer Collection
DIAL2388E02-NM	DIAL2388E02-NM		York University, Packer Collection
DIAL1849C06-CO	DIAL1849C06		York University, Packer Collection
DIAL0286G11-MB	DIAL0286G11		York University, Packer Collection
D0287A04-CO	D0287A04		York University, Packer Collection
D0295H04-CO	D0295H04		York University, Packer Collection
D0295G04-CO	D0295G04		York University, Packer Collection
DIAL0286G12-MB	DIAL0286G12		York University, Packer Collection
DIAL0286G08-MB	DIAL0286G08		York University, Packer Collection
06732H03-CO	06732H03-CO		York University, Packer Collection
DIAL2385E11-NS	DIAL2385E11-NS		York University, Packer Collection
DIAL2385A02-NS	DIAL2385A02-NS		York University, Packer Collection
DIAL2385F01-NS	DIAL2385F01-NS		York University, Packer Collection
DIAL2385F04-NS	DIAL2385F04-NS		York University, Packer Collection
DIAL1848D03-NS	DIAL1848D03		York University, Packer Collection
DIAL1848D02-NS	DIAL1848D02		York University, Packer Collection
D01560A05-WI	D01560A05		York University, Packer Collection
DIAL2384H08-MD	DIAL2384H08-MD		York University, Packer Collection
DIAL1849H05-MD	DIAL1849H05		York University, Packer Collection
DIAL0294B06-IN	#6716		York University, Packer Collection

DIAL1848G09-AB	DIAL1848G09			York University, Packer Collection
D01562E03-NS	D01562E03			York University, Packer Collection
DIAL2385A01-SK	DIAL2385A01-SK			York University, Packer Collection
DIAL2385A05-SK	DIAL2385A05-SK			York University, Packer Collection
D01560C07-IA	D01560C07			York University, Packer Collection
D-3253F03-MO	D-3253F03			York University, Packer Collection
D0288E01-VA	D0288E01			York University, Packer Collection
DIAL2385E09-NS	DIAL2385E09-NS			York University, Packer Collection
D0288C10-VA	D0288C10			York University, Packer Collection
DIAL0294F07-MD	#045294			York University, Packer Collection
DIAL0293B04-MD	obongum 020194			York University, Packer Collection
DIAL0294G03-MD	#012348			York University, Packer Collection
DIAL0293B03-MD	oblongum 020202			York University, Packer Collection
DIAL0294G04-MD	#012349			York University, Packer Collection
DIAL0294C08-IN	/lineat#15367			York University, Packer Collection
DIAL0292A03-MD	abanci 019384			York University, Packer Collection
DIAL0292A04-MD	abanci 009068			York University, Packer Collection
B04743G07-MA	B04743G07-MA	PCYU		York University, Packer Collection
B04743G01-MA	B04743G01-MA	PCYU		York University, Packer Collection
DIAL1846F08-WV	DIAL1846F08			York University, Packer Collection
DIAL1848C12-WV	DIAL1848C12	PCYU	DIAL1412C12	York University, Packer Collection
B04743D05-NS	B04743D05-NS		PCYU	York University, Packer Collection
D00608E10-IN	D00608E10			York University, Packer Collection
D01562B05-ON	D01562B05			York University, Packer Collection
B04743H06-MA	B04743H06-MA		PCYU	York University, Packer Collection
DIAL1391E05-TN	DIAL1391E05			York University, Packer Collection
D00607E07-CT	D00607E07			York University, Packer Collection
D0288B02-MD	D0288B02			York University, Packer Collection
D01559E06-ON	D01559E06			York University, Packer Collection
D00607A10-CT	D00607A10			York University, Packer Collection
DIAL1849G06-NH	DIAL1849G06			York University, Packer Collection
D01560A01-WI	D01560A01			York University, Packer Collection
B03750B02-MA	B03750B02-MA			York University, Packer Collection
CCDB-00611 G08	CCDB-00611 G08			York University, Packer Collection
CCDB-00611 F03	CCDB-00611 F03			York University, Packer Collection
B04743G03-MA	B04743G03-MA		PCYU	York University, Packer Collection
B04743H02-MA	B04743H02-MA		PCYU	York University, Packer Collection
CCDB-00611 G03	CCDB-00611 G03			York University, Packer Collection
CCDB-00611 G04	CCDB-00611 G04			York University, Packer Collection
B04743D03-NS	B04743D03-NS			York University, Packer Collection
D00608E12-IN	D00608E12			York University, Packer Collection
D01562E07-NS	D01562E07			York University, Packer Collection
D01560C12-IA	D01560C12			York University, Packer Collection
DIAL0286F12-MB	DIAL0286F12			York University, Packer Collection
DIAL0286F10-MB	DIAL0286F10			York University, Packer Collection
DIAL1848H03-AB	DIAL1848H03			York University, Packer Collection
DIAL1390B01-ON	DIAL1390B01			York University, Packer Collection
DIAL0293E04-FL	#031875			York University, Packer Collection
D-3253D09-FL	D-3253D09			York University, Packer Collection
D-3253E04-FL	D-3253E04			York University, Packer Collection
D01561D10-FL	D01561D10			York University, Packer Collection
D01559A04-FL	D01559A04			York University, Packer Collection
D0295D02-DC	D0295D02			York University, Packer Collection
D00608B05-ON	D00608B05			York University, Packer Collection
D00608B03-ON	D00608B03			York University, Packer Collection

D1414C02-VA	D1414C02	York University, Packer Collection
DIAL0294E01-VA	#032884	York University, Packer Collection
DIAL0294D12-NY	#046015	York University, Packer Collection
D1414B10-VA	D1414B10	York University, Packer Collection
D1414C01-VA	D1414C01	York University, Packer Collection
D-3253F06-MO	D-3253F06	York University, Packer Collection
DIAL1846B06-MS	DIAL1846B06	York University, Packer Collection
DIAL1847H10-MD	DIAL1847H10	York University, Packer Collection
DIAL1846H10-MD	DIAL1846H10	York University, Packer Collection
DIAL1846B04-MS	DIAL1846B04	York University, Packer Collection
DIAL1413A09-VA	DIAL1413A09	York University, Packer Collection
B01566D04-TX	B01566D04	York University, Packer Collection
D0288E08-WV	D0288E08	York University, Packer Collection
D1414B11-VA	D1414B11	York University, Packer Collection
DIAL1391E02-SC	DIAL1391E02	York University, Packer Collection
DIAL1391E01-SC	DIAL1391E01	York University, Packer Collection
D0288G09-SC	D0288G09	York University, Packer Collection
D0288E10-NC	D0288E10	York University, Packer Collection
D0288E05-WV	D0288E05	York University, Packer Collection
D0288D12-WV	D0288D12	York University, Packer Collection
D0295E11-DC	D0295E11	York University, Packer Collection
D0295E10-DC	D0295E10	York University, Packer Collection
BEE0286E07-VA	BEE0286E07	York University, Packer Collection
D00607C02-MO	D00607C02	York University, Packer Collection
D00607A01-NE	D00607A01	York University, Packer Collection
06732C02-DC	06732C02-DC	York University, Packer Collection
DIAL2387C06-YT	DIAL2387C06	York University, Packer Collection
DIAL1845E09-NL	DIAL1845E09	York University, Packer Collection
DIAL1845E06-NL	DIAL1845E06	York University, Packer Collection
DIAL2384A11-YT	DIAL2384A11	York University, Packer Collection
DIAL1391C03-NC	DIAL1391C03	York University, Packer Collection
DIAL2384A03-YT	DIAL2384A03	York University, Packer Collection
DIAL2384A02-YT	DIAL2384A02	York University, Packer Collection
DIAL1845E12-NL	DIAL1845E12	York University, Packer Collection
DIAL1845F01-NL	DIAL1845F01	York University, Packer Collection
DIAL2387B10-YT	DIAL2387B10	York University, Packer Collection
DIAL1391C04-NC	DIAL1391C04	York University, Packer Collection
DIAL2387B04-YT	DIAL2387B04	York University, Packer Collection
DIAL2384A06-YT	DIAL2384A06	York University, Packer Collection
DIAL1848A10-NB	DIAL1848A10	York University, Packer Collection
DIAL2384A09-YT	DIAL2384A09	York University, Packer Collection
DIAL2384B08-YT	DIAL2384B08	York University, Packer Collection
DIAL2384A01-YT	DIAL2384A01	York University, Packer Collection
DIAL2384B02-YT	DIAL2384B02	York University, Packer Collection
DIAL2384B10-YT	DIAL2384B10	York University, Packer Collection
DIAL1390C01-ON	DIAL1390C01	York University, Packer Collection
DIAL1390C03-ON	DIAL1390C03	York University, Packer Collection
BEE1850G11-ME	BEE1850G11	York University, Packer Collection
D1414H01-VA	D1414H01	York University, Packer Collection
DIAL0292A11-WV	admirandum 010937	York University, Packer Collection
DIAL0294E06-MD	#041908	York University, Packer Collection
DIAL2385F02-MD	DIAL2385F02-MD	York University, Packer Collection
DIAL0294E12-MD	#023397	York University, Packer Collection
DIAL0294E07-IN	#021006	York University, Packer Collection
DIAL0293B10-WV	perpunctatum 032749	York University, Packer Collection

DIAL0293F02-NC #023965	York University, Packer Collection
D00607H11-KS D00607H11	York University, Packer Collection
B01558D07-NC CCDB-01558D7	York University, Packer Collection
D00608A07-KS D00608A07	York University, Packer Collection
D0288C05-DC D0288C05	York University, Packer Collection
DIAL1409B07-NC DIAL1409B07	York University, Packer Collection
DIAL1846D04-MS DIAL1846D04	York University, Packer Collection
DIAL1413H02-NC DIAL1413H02	York University, Packer Collection
D0288D08-NC D0288D08	York University, Packer Collection
DIAL2385C12-SC DIAL2385C12-SC	York University, Packer Collection
DIAL1849C10-CO DIAL1849C10	York University, Packer Collection
D00607B03-KS D00607B03	York University, Packer Collection
D00607H09-KS D00607H09	York University, Packer Collection
06732E01-MD 06732E01-MD	York University, Packer Collection
D1414A06-IL D1414A06	York University, Packer Collection
B03765B09-GA B03765B09-GA	York University, Packer Collection
B01558D08-NC CCDB-01558D8	York University, Packer Collection
B01558D03-NC CCDB-01558D3	York University, Packer Collection
B01558C12-NC CCDB-01558C12	York University, Packer Collection
D0288B08-SC D0288B08	York University, Packer Collection
D0288B06-NC D0288B06	York University, Packer Collection
DIAL1391D08-NC DIAL1391D08	York University, Packer Collection
DIAL1391E10-NC DIAL1391E10	York University, Packer Collection
DIAL0293F04-TN versans 000503	York University, Packer Collection
DIAL0293F05-TN #000504	York University, Packer Collection
DIAL1391C05-NC DIAL1391C05	York University, Packer Collection
DIAL1391A08-NC DIAL1391A08	York University, Packer Collection
DIAL1849H07-ME DIAL1849H07	York University, Packer Collection
DIAL1848F07-PE DIAL1848F07	York University, Packer Collection
DIAL1848E08-WV DIAL1848E08	York University, Packer Collection
D00607F12-NS D00607F12	York University, Packer Collection
DIAL2385C06-MD DIAL2385C06-MD	York University, Packer Collection
D1414D03-VA D1414D03	York University, Packer Collection
DIAL1846C07-WV DIAL1846C07	York University, Packer Collection
D0287D08-IL D0287D08	York University, Packer Collection
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DIAL1391H03-NC DIAL1391H03	York University, Packer Collection
DIAL1847H05-MD DIAL1847H05	York University, Packer Collection
DIAL0294G01-MD #035111	York University, Packer Collection
DIAL0294C06-IL #9074	York University, Packer Collection
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DIAL0294D11-NY #046076	York University, Packer Collection
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DIAL0292B09-MD big rohweri 016054	York University, Packer Collection
DIAL0292C01-WV big rohweri 011054	York University, Packer Collection
DIAL0292B11-MD big rohweri 013959	York University, Packer Collection
DIAL0292C02-MD big rohweri 016026	York University, Packer Collection
DIAL1413G10-NC DIAL1413G10	York University, Packer Collection
DIAL1391C10-NC DIAL1391C10	York University, Packer Collection

DIAL1412F07

DIAL1391B10-NC	DIAL1391B10	York University, Packer Collection
06732E06-WV	06732E06-WV	York University, Packer Collection
D0287H06-IL	D0287H06	York University, Packer Collection
D0287F01-IL	D0287F01	York University, Packer Collection
D0287H08-IL	D0287H08	York University, Packer Collection
DIAL1413G09-NC	DIAL1413G09	York University, Packer Collection
D0287H12-IL	D0287H12	York University, Packer Collection
DIAL1409C01-PQ	DIAL1409C01	York University, Packer Collection
DIAL1409B11-PQ	DIAL1409B11	York University, Packer Collection
DIAL1846F03-MD	DIAL1846F03	York University, Packer Collection
DIAL1847H01-MD	DIAL1847H01	York University, Packer Collection
DIAL1847H02-MD	DIAL1847H02	York University, Packer Collection
DIAL1846B03-MD	DIAL1846B03	York University, Packer Collection
D00607H07-KS	D00607H07	York University, Packer Collection
DIAL1391H05-NC	DIAL1391H05	York University, Packer Collection
DIAL1391B07-NC	DIAL1391B07	York University, Packer Collection
DIAL1391B05-NC	DIAL1391B05	York University, Packer Collection
D0287E12-IL	D0287E12	York University, Packer Collection
D0287E06-IL	D0287E06	York University, Packer Collection
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DIAL1390A02-NC	DIAL1390A02	York University, Packer Collection
DIAL1390A01-NC	DIAL1390A01	York University, Packer Collection
DIAL1390F02-NC	DIAL1390F02	York University, Packer Collection
DIAL1413G08-NC	DIAL1413G08	York University, Packer Collection
DIAL1391H12-NC	DIAL1391H12	York University, Packer Collection
DIAL1413H07-NC	DIAL1413H07	York University, Packer Collection
DIAL1413H04-NC	DIAL1413H04	York University, Packer Collection
DIAL1391B09-NC	DIAL1391B09	York University, Packer Collection
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DIAL1391H07-NC	DIAL1391H07	York University, Packer Collection
D0287E02-IL	D0287E02	York University, Packer Collection
DIAL1391B06-NC	DIAL1391B06	York University, Packer Collection
DIAL1848F04-MD	DIAL1848F04	York University, Packer Collection
DIAL1413H09-NC	DIAL1413H09	York University, Packer Collection
D0287E08-IL	D0287E08	York University, Packer Collection
D0295B07-ON	D0295B07	York University, Packer Collection
D0295B01-ON	D0295B01	York University, Packer Collection
D0295B02-ON	D0295B02	York University, Packer Collection
D0287H07-IL	D0287H07	York University, Packer Collection
DIAL1391H11-NC	DIAL1391H11	York University, Packer Collection
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D0287H03-IL	D0287H03	York University, Packer Collection
D0287H04-IL	D0287H04	York University, Packer Collection
D0287H05-IL	D0287H05	York University, Packer Collection
D0287G05-IL	D0287G05	York University, Packer Collection
D0287E11-IL	D0287E11	York University, Packer Collection
D0287E07-IL	D0287E07	York University, Packer Collection
D0287D07-IL	D0287D07	York University, Packer Collection
D0287C05-IL	D0287C05	York University, Packer Collection
D1414E06-VA	D1414E06	York University, Packer Collection
D0287C03-IL	D0287C03	York University, Packer Collection
D0287C04-IL	D0287C04	York University, Packer Collection
D0287E09-IL	D0287E09	York University, Packer Collection

D1414E03-VA	D1414E03	York University, Packer Collection
D0288H02-MD	D0288H02	York University, Packer Collection
D0288G12-MD	D0288G12	York University, Packer Collection
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D0288B07-MD	D0288B07	York University, Packer Collection
D1414H06-VA	D1414H06	York University, Packer Collection
D1414H05-VA	D1414H05	York University, Packer Collection
D1414E05-VA	D1414E05	York University, Packer Collection
D0295B04-ON	D0295B04	York University, Packer Collection
D00607F03-KS	D00607F03	York University, Packer Collection
D00607C04-MO	D00607C04	York University, Packer Collection
D00608E07-IN	D00608E07	York University, Packer Collection
DIAL2385C08-MD	DIAL2385C08-MD	York University, Packer Collection
DIAL2385D06-MD	DIAL2385D06-MD	York University, Packer Collection
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CCDB-00611 D09	CCDB-00611 D09	York University, Packer Collection
CCDB-00611 D03	CCDB-00611 D03	York University, Packer Collection
06732H06-RI	06732H06-RI	York University, Packer Collection
DIAL1845C10-TX	DIAL1845C10	York University, Packer Collection
DIAL1847A01-SC	DIAL1847A01	York University, Packer Collection
DIAL0294D04-IN	#9696	York University, Packer Collection
DIAL0294E04-NY	#046048	York University, Packer Collection
DIAL0293F11-MN	#000000	York University, Packer Collection
DIAL0293F08-MD	#028663	York University, Packer Collection
D0288D06-NC	D0288D06	York University, Packer Collection
DIAL0293F09-MD	#028012	York University, Packer Collection
06732D07-MA	06732D07-MA	York University, Packer Collection
DIAL1390A06-ON	DIAL1390A06	York University, Packer Collection
DIAL0286H01-MB	DIAL0286H01	York University, Packer Collection
D0288D07-SC	D0288D07	York University, Packer Collection
D0288D11-SC	D0288D11	York University, Packer Collection
D00609G05-NS	D00609G05	York University, Packer Collection
DIAL2385E10-MB	DIAL2385E10-MB	York University, Packer Collection
D01561D05-ON	D01561D05	York University, Packer Collection
D01561C04-IN	D01561C04	York University, Packer Collection
DIAL1390G09-NC	DIAL1390G09	York University, Packer Collection
DIAL1848A04-NB	DIAL1848A04	York University, Packer Collection
D0295D03-MD	D0295D03	York University, Packer Collection
DIAL1846C05-MS	DIAL1846C05	York University, Packer Collection
DIAL1413D06-NC	DIAL1413D06	York University, Packer Collection
DIAL0294F01-PA	#039353	York University, Packer Collection
DIAL1413A05-IL	DIAL1413A05	York University, Packer Collection
DIAL0293A03-MD	#027019	York University, Packer Collection
DIAL0293G02-MD	viridatum 035222	York University, Packer Collection
DIAL1391E08-NC	DIAL1391E08	York University, Packer Collection
DIAL0294E11-MD	#036466	York University, Packer Collection
DIAL0292H12-MD	little rohweri 027009	York University, Packer Collection
DIAL1390E02-ON	DIAL1390E02	York University, Packer Collection
DIAL1413F01-TN	DIAL1413F01	York University, Packer Collection
DIAL1413A07-VA	DIAL1413A07	York University, Packer Collection
DIAL1413H05-NC	DIAL1413H05	York University, Packer Collection
DIAL1413B10-IL	DIAL1413B10	York University, Packer Collection
DIAL1846E01-WV	DIAL1846E01	York University, Packer Collection
DIAL1409A10-NC	DIAL1409A10	York University, Packer Collection
DIAL1409H11-ON	DIAL1409H11	York University, Packer Collection

DIAL1390H03-SC DIAL1390H03		York University, Packer Collection
DIAL1390C06-ON DIAL1390C06		York University, Packer Collection
DIAL1390H02-SC DIAL1390H02		York University, Packer Collection
DIAL1390G05-NC DIAL1390G05		York University, Packer Collection
DIAL1391A02-VA DIAL1391A02		York University, Packer Collection
DIAL1413D07-NC DIAL1413D07		York University, Packer Collection
DIAL1848F06-MD DIAL1848F06		York University, Packer Collection
D1414A01-YT D1414A01		York University, Packer Collection
DIAL2387F08-BC DIAL2387F08		York University, Packer Collection
DIAL1848C02-YT DIAL1848C02	D1390E10	York University, Packer Collection
BEE0286C11-ON BEE0286C11		York University, Packer Collection
D00608H10-OR D00608H10		York University, Packer Collection
04485A10-VA 04485A10-VA		York University, Packer Collection
DIAL1848D10-MD DIAL1848D10		York University, Packer Collection
DIAL1390D09-ON DIAL1390D09		York University, Packer Collection
DIAL1848B06-WV DIAL1848B06		York University, Packer Collection
DIAL1848C08-WV DIAL1848C08	1390F10	York University, Packer Collection

Draft

Project: SEARCH: Process ids(1283 ids) User : Jason Gibbs
Created : 12-July-2017

Sample ID	Phylum	Class	Order	Family	Subfamily
D00608F07-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386F10-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386C10-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384C07-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386C08-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374H06-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385D04-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385E03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562A03-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1839G06-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1839G08-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292H11-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409C04-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387C05-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561D09-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04791B03-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292B02-NJ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286F05-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609G09-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1839G12-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1839G09-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732D10-PA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE1850G06-ME	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386G02-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848A08-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849A09-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286F03-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384C02-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559F12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386G07-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387E09-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559F10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559H03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559H10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387B05-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294A03-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292B05-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289C05-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 C12	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253D12-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287D01-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390D06-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846F06-PA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390F04-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292E12-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849F01-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292B01-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292B07-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292B08-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292F02-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849E12-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292E11-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL1390F06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390G04-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390G06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390G02-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848D09-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846D12-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414H02-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384H09-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559C09-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414E02-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293C03-NJ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293C04-NJ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562B06-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562B02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562C12-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562B10-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562C08-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294G02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848B03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609B05-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609G03-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288F07-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288F09-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294A05-in	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292E08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732D09-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609C07-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B10-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C08-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409A09-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846G04-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390B02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848E12-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C12-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559G11-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845D09-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374G12-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845C05-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845D03-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845C11-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388C12-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374G11-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607E04-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559E10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559G04-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388B06-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607D05-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374H09-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385C03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413E11-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292D03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E03-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E02-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293E11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293E10-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

D0288C04-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293E12-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414H07-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0286D06-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413D04-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414E08-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409B06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413E08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414E04-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A09-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413F07-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D09-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413D01-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414E07-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288C01-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288C06-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288D09-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607E06-MO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607A09-MO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288G03-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288F02-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B01-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391E04-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D11-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B06-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414A07-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B11-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485C03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607F06-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253D11-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607B02-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292D09-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292D10-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292D08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292D12-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292D11-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846H06-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846C01-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846E11-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409E03-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846G07-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849F11-DE	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849G03-DE	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D04-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732C08-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732C10-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253D07-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B01566H05-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292E02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292E04-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL1413D12-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846C06-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846H02-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846C11-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 E05	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0286C08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294A11-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294A10-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0286A05-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294A09-in	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292E09-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845H09-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845H07-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292E07-ME	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F11-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289D05-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289D07-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609G07-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848A03-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE1850G05-ME	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289D06-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561G01-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386H03-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287G06-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288G10-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386G06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
03767G09-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732B12-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386F07-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386H05-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253E10-OK	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607B09-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409D07-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409D04-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409E08-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409E10-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409F01-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607B01-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F12-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561B12-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F10-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848G01-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561E03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374G04-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388B04-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388C03-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386B05-NV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384C08-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374G05-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294D02-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560D03-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

D01560A07-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409C09-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390A09-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1839G05-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288D03-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413G03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295C04-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391H04-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849G11-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1839H01-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295C05-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562C02-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562B07-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765D08-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485E09-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765D06-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485E02-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765D11-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765E01-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414G06-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846H11-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289A03-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846E03-PA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295E03-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289A07-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294H08-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390F12-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295C07-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387C02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849H03-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846A05-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846A07-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846A02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390F08-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391F06-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391G07-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390F03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846A03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409C02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409C03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409C07-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409C08-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562C10-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390E01-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390F01-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390G01-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390F09-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390F05-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391G03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390E03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390E06-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390E07-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391G05-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387B11-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

BEE1850E08-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561A03-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391G02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560A04-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560B10-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849G08-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387B06-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414G04-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485F02-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390D04-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409A02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387C07-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391H06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253D06-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0286A11-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846F10-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846F12-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0286B08-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294C11-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294D01-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385E04-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294C12-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293E02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293E01-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608G05-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608G01-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561A09-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561C07-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385C07-DE	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607F08-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE1850F05-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385B04-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414H03-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384H12-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559D03-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B04743G05-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846G03-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414H12-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414H10-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294D09-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C12-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294D08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413D09-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846G01-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848E10-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A10-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A11-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 D02	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485G02-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848D01-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846E08-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391C11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414H08-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL1391A10-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414G12-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413E09-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B01-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413G07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607H10-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288A11-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288A09-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287D03-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288C02-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287E03-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294A01-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287F07-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287E04-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846F05-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294A02-il	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F06-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E10-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E09-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292A09-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A01-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390G10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F04-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765B12-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391G09-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293C02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292A08-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A04-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A06-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413G05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391E03-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B08-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846E12-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B01-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846A11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846E05-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C04-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287F02-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413F02-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288C08-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C08-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C05-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B02-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C06-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391G08-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287G01-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B09-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C01-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL1413F12-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413D05-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C09-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287G04-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287G02-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287G08-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385D05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C02-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C03-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287G07-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287G12-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H09-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A03-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287C11-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287C09-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287D02-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287D06-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765B08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253C08-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374A05-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387C12-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374C06-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374A06-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849C11-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409B10-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409E06-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387B03-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386H10-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253D03-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374F08-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388D11-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386F01-NV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608D11-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374F09-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386D09-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849E03-AZ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388E03-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388B11-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B-3252H08-NV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374A07-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608H06-NV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413F04-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390H04-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H11-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414B02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413G06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845B07-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845A06-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845B01-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845C02-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608H09-OR	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607H02-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607D09-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607F10-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559D12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

D-3253F09-KY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288F05-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287D12-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287F08-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846G12-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287F05-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H01-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H02-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409B08-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409B09-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B07-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413D02-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391E06-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288G07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413G02-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287F03-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390G08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413G01-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287C06-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391F08-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391F02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B02-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849G10-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253A10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253A04-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388B03-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847G08-OR	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409D08-OR	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847G09-OR	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847G11-OR	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608A10-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386H12-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386H02-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607D10-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607D07-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386D03-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386D05-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06717H07-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385D09-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560D09-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03751H11-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560E05-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03750B04-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B04743H04-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06735G03-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253B07-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253A07-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253B05-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253C02-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845C08-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253B09-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845C07-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

D0295F03-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253A03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608D06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608E08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608D08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607C01-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374E06-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409C10-OR	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F09-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845D07-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845D06-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845D11-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845E04-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G05-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
03767G11-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387E11-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387F03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387A05-ID	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386A05-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608D10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386G12-ID	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608C09-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608C02-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608F04-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562A04-MT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295H06-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765E10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253C01-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385E08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848H12-PE	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845H05-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253A02-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609G06-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F05-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294H11-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607G08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846A08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845H08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609G04-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848D05-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409H12-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845H02-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G01-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G02-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F04-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409B05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F07-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413E07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F09-PE	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848A05-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL1848A06-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848G06-PE	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849H06-ME	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388D05-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562D02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607A05-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607C10-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607C09-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295B10-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295C01-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391C02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B03-OH	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391C01-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388D04-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06745E10-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413E02-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413E04-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413E06-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485F04-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485F08-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485E08-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848C01-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485F09-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485F11-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485H06-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846A04-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485H04-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848B11-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609G02-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609H09-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845E03-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846D07-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846F11-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A11-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385E07-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289B05-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286H09-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286H04-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295B08-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C12-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292H06-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1839G07-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732C04-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607B07-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409B01-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C07-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C04-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286H06-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B05-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H12-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388E04-AL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846H04-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846E02-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846E09-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL1846E06-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846D05-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387F06-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288F08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0286B09-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288F10-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559E03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559F06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608B10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608D04-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609H07-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609H03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609H05-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388B05-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561E05-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB - 01565 H3	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB - 01565 H8	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C03-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846D08-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848C05-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414D08-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C06-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C05-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C04-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561E08-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849F05-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409B02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409A01-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253E12-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253E02-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559A03-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561H08-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559D09-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562D03-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253B01-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253A05-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253B10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253B11-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253B08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3262G02-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253A08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845C12-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845D10-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387E12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607F07-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE1850F04-OR	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607G10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386C03-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374A11-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386D08-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386D06-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386C04-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559E12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374D09-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374E11-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

06732F01-WY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385C01-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849G01-ME	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485A08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609G08-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849F12-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560B11-VT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F05-PE	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288B10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C10-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C09-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253F11-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414F02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414E12-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414E11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288C03-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C08-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288B11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846D11-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849F03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414D09-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765B03-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288C11-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414F05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C07-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295D12-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414B06-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293B05-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414B07-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607D12-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608F12-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414B08-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414E01-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414B09-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849G02-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413E12-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F11-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847B03-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848C11-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295E06-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B08-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0286D09-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A04-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390G11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849H08-VT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385B03-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387F09-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387H11-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287A11-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385A10-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295G05-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385A04-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287B11-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561B01-MT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

06732F09-WY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295G10-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C09-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849G09-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409A06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409A11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845H10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G04-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F05-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845H03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845H11-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608G06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845H12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G07-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F02-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G09-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G10-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845G11-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387H05-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765E05-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 H09-C	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559D04-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385A08-SK	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559G01-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385B02-SK	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293B11-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A02-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409A08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390E09-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B05-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609C03-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560C09-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-01557 B01	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390D01-NT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C10-NT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384B09-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295F10-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G05-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G06-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293B09-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609H10-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G07-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G03-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561B02-MT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287A03-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G10-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G09-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G04-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286H03-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293C07-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL0293C08-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293C06-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294C01-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293C05-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286F07-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286F08-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286F06-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385B11-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609B09-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414D12-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F12-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390B05-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485G12-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846A06-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H06-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A01-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413C07-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485F01-MI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409A05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A08-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390H05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413F05-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413D03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B04-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE1850F06-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391C12-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607G06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294H10-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848A02-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848G02-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848A01-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388E07-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391F05-NT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 F10-C	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560D11-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385C11-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413D08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293D07-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293D03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849H02-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H09-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848E09-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560B02-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560B05-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849F08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609E03-MT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295H01-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559F01-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386G09-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295G03-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384C05-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F01-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559C10-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386H04-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

D0295G01-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559H06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287C02-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559G06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559H09-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559A11-MT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384C06-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388F09-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289H09-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289H07-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409H03-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289H06-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0289H10-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388G12-AZ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374G02-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374B05-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845B08-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608C07-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845B02-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387A07-ID	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765G03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848D04-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293E07-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293E09-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293E08-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846H07-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847A04-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413E05-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B11-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847A02-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288E11-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846F01-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B09-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846D01-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288G05-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288G04-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288F04-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288E02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288C12-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288F01-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765A01-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559B08-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559C11-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559E01-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846D03-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846C03-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561E01-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848D08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848D06-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385C05-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849F10-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384B01-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384A10-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384B03-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384A08-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

B01558C07-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387C04-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609B02-MT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562A01-MT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374G03-NV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
03767G04-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 H02	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295H07-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-01557 A01	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384C03-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295H03-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559G12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607H03-SK	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386G03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374B07-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388C07-NV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561E07-SK	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561E02-SK	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562D12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559A08-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04486E05-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 H11	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
03767G06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765E06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-01557 A04	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732E12-WY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386A08-NV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562D10-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286H10-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0291H07-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0291H05-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0291H06-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286H11-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286H07-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286H08-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765F12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409H04-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409H02-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-01557 A09-M	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562C04-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560A10-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0291H08-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562E02-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562C09-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-01557 A07-M	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765F09-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-01557 A10-M	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-01557 A11-M	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765F06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608F06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03751H05-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559E08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607E12-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608E01-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561F06-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

B03765E12-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295F01-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374E05-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 H04	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559G09-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295G11-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387C03-ID	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295F04-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374E04-WA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559B11-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559C03-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295H11-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287C01-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287B01-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562A10-MT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295G06-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 H03	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388D12-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293H09-AZ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3262F07-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295G07-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848C04-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F02-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848B05-AZ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849B05-AZ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847F03-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849E10-AZ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287A06-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374F12-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295G02-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849E02-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848B01-AZ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848C03-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561B03-CA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2386B02-NV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2374G01-UT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2388E02-NM	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849C06-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G11-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287A04-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295H04-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295G04-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G12-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286G08-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732H03-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385E11-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385A02-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385F01-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385F04-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848D03-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848D02-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560A05-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384H08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849H05-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294B06-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL1848G09-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562E03-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385A01-SK	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385A05-SK	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560C07-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253F03-MO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288E01-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385E09-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288C10-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F07-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293B04-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294G03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293B03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294G04-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294C08-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292A03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292A04-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B04743G07-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B04743G01-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846F08-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848C12-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B04743D05-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608E10-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562B05-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B04743H06-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391E05-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607E07-CT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288B02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559E06-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607A10-CT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849G06-NH	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560A01-WI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03750B02-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 G08-C	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 F03-C	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B04743G03-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B04743H02-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 G03-C	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 G04-C	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B04743D03-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608E12-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01562E07-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01560C12-IA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286F12-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286F10-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848H03-AB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390B01-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293E04-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253D09-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253E04-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561D10-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01559A04-FL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295D02-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608B05-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608B03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

D1414C02-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E01-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294D12-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414B10-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414C01-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D-3253F06-MO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B06-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H10-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846H10-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B04-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A09-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B01566D04-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288E08-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414B11-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391E02-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391E01-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288G09-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288E10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288E05-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288D12-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295E11-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295E10-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0286E07-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607C02-MO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607A01-NE	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732C02-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387C06-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845E09-NL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845E06-NL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384A11-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391C03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384A03-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384A02-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845E12-NL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845F01-NL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387B10-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391C04-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387B04-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384A06-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848A10-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384A09-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384B08-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384A01-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384B02-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2384B10-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C01-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C03-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE1850G11-ME	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414H01-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292A11-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E06-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385F02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E12-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E07-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293B10-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL0293F02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607H11-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B01558D07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608A07-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288C05-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409B07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846D04-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288D08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385C12-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849C10-CO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607B03-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607H09-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732E01-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414A06-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B03765B09-GA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B01558D08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B01558D03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
B01558C12-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288B08-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288B06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391E10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293F04-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293F05-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391C05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1849H07-ME	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F07-PE	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848E08-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607F12-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385C06-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414D03-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846C07-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287D08-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293B02-DC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391H03-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H05-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294G01-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294C06-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294C07-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294D11-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848E02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295B06-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391H02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391D01-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391H08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H04-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391G12-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292B09-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292C01-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292B11-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292C02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413G10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391C10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL1391B10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732E06-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H06-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287F01-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H08-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413G09-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H12-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409C01-PQ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409B11-PQ	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846F03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H01-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847H02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846B03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607H07-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391H05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287E12-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287E06-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B03-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390A02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390A01-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390F02-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413G08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391H12-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H04-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B09-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H11-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B04-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391H07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287E02-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391B06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F04-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H09-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287E08-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295B07-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295B01-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295B02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H07-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391H11-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287G11-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H03-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H04-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287H05-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287G05-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287E11-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287E07-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287D07-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287C05-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414E06-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287C03-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287C04-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0287E09-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

D1414E03-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288H02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288G12-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288D10-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288B07-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414H06-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414H05-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414E05-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295B04-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607F03-KS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00607C04-MO	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608E07-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385C08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385D06-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732D06-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 D09	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
CCDB-00611 D03-I	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732H06-RI	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1845C10-TX	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1847A01-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294D04-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E04-NY	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293F11-MN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293F08-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288D06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293F09-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
06732D07-MA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390A06-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0286H01-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288D07-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0288D11-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00609G05-NS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2385E10-MB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561D05-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D01561C04-IN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390G09-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848A04-NB	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D0295D03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846C05-MS	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413D06-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294F01-PA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A05-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293A03-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0293G02-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391E08-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0294E11-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL0292H12-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390E02-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413F01-TN	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413A07-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413H05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413B10-IL	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1846E01-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409A10-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1409H11-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

DIAL1390H03-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390C06-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390H02-SC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390G05-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1391A02-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1413D07-NC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848F06-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D1414A01-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL2387F08-BC	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848C02-YT	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
BEE0286C11-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
D00608H10-OR	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
04485A10-VA	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848D10-MD	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1390D09-ON	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848B06-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae
DIAL1848C08-WV	Arthropoda	Insecta	Hymenoptera	Halictidae	Halictinae

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Tribe	Genus	Species	Subspecies	Identifier
Halictini	Lasioglossum	Lasioglossum abanci		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum abundipunctum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum abundipunctum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum abundipunctum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum abundipunctum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum abundipunctum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum achilleae		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum admirandum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum admirandum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum admirandum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum admirandum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum admirandum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum admirandum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum admirandum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum alachuense		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albipenne		
Halictini	Lasioglossum	Lasioglossum albipenne		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albipenne		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albipenne		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albipenne		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albipenne		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albipenne		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albipenne		
Halictini	Lasioglossum	Lasioglossum albipenne		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albipenne		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albohirtum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albohirtum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum albohirtum		Jason Gibbs
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Halictini	Lasioglossum	Lasioglossum albohirtum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum anomalum		Jason Gibbs
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Halictini	Lasioglossum	Lasioglossum anomalum		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum apocyni		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum apocyni		
Halictini	Lasioglossum	Lasioglossum apocyni		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum apocyni		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum apocyni		Jason Gibbs
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Halictini	Lasioglossum	Lasioglossum apocyni		Jason Gibbs
Halictini	Lasioglossum	Lasioglossum apocyni		Jason Gibbs

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Halictini	Lasioglossum	Lasioglossum creberrimum	Jason Gibbs
Halictini	Lasioglossum	Lasioglossum creberrimum	
Halictini	Lasioglossum	Lasioglossum creberrimum	
Halictini	Lasioglossum	Lasioglossum creberrimum	
Halictini	Lasioglossum	Lasioglossum creberrimum	Jason Gibbs
Halictini	Lasioglossum	Lasioglossum cressonii	Jason Gibbs
Halictini	Lasioglossum	Lasioglossum cressonii	
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Halictini	Lasioglossum	Lasioglossum cressonii	
Halictini	Lasioglossum	Lasioglossum cressonii	Jason Gibbs
Halictini	Lasioglossum	Lasioglossum cressonii	
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Halictini	Lasioglossum	Lasioglossum cressonii	Jason Gibbs
Halictini	Lasioglossum	Lasioglossum cressonii	Sam W. Droege
Halictini	Lasioglossum	Lasioglossum cressonii	Jason Gibbs
Halictini	Lasioglossum	Lasioglossum cressonii	Jason Gibbs
Halictini	Lasioglossum	Lasioglossum cressonii	
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Halictini	Lasioglossum	Lasioglossum dashwoodi	Jason Gibbs
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Halictini	Lasioglossum	Lasioglossum dreisbachi	Jason Gibbs
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Halictini	Lasioglossum	Lasioglossum ellisiae	Jason Gibbs
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Halictini	Lasioglossum	Lasioglossum weemsi	Jason Gibbs
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Halictini	Lasioglossum	Lasioglossum zephyrum	Jason Gibbs
Halictini	Lasioglossum	Lasioglossum zephyrum	Jason Gibbs

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Project: SEARCH: Process ids(1283 ids) User :
Created : 12-July-2017

Sample ID	Sex	Reproduction	Life Stage	Extra Info
D00608F07-IN	F	S	A	
DIAL2386F10-UT	F	S	A	
DIAL2386C10-UT	F	S	A	
DIAL2384C07-AB	F	S	A	
DIAL2386C08-UT	F	S	A	
DIAL2374H06-UT	F	S	A	
DIAL2385D04-ON	F	S	A	
DIAL2385E03-MD	M	S	A	
D01562A03-MI	F	S	A	
DIAL1839G06-MN	F	S	A	
DIAL1839G08-MN	F	S	A	
DIAL0292H11-MD	F	S	A	
DIAL1409C04-ON	F	S	A	
DIAL2387C05-ON	F	S	A	
D01561D09-ON	F	S	A	
04791B03-FL	F	S	A	
DIAL0292B02-NJ	F	S	A	Col on: tomato flower
DIAL0286F05-MB	M	S	A	cress7~MB
D00609G09-NS	F	S	A	
DIAL1839G12-MN	F	S	A	
DIAL1839G09-MN	F	S	A	
06732D10-PA	F	S	A	
BEE1850G06-ME	F	S	A	
DIAL2386G02-BC	F	S	A	
DIAL1848A08-NB	F	S	A	DIAL1412A08
DIAL1849A09-CO	F	S	A	carina weak
DIAL0286F03-MB	F	S	A	cress5~MB
DIAL2384C02-AB	F	S	A	
D01559F12-BC	M	S	A	
DIAL2386G07-WA	F	S	A	
DIAL2387E09-AB	F	S	A	
D01559F10-BC	M	S	A	
D01559H03-BC	F	S	A	
D01559H10-BC	M	S	A	
DIAL2387B05-WA	F	S	A	
DIAL0294A03-IN	F	S	A	
DIAL0292B05-IN	F	S	A	anomalum1
BEE0289C05-MN	F	S	A	Lanoma-MN1
CCDB-00611 C12		S	A	
D-3253D12-WI	F	S	A	
D0287D01-MI	F	S	A	
DIAL1390D06-ON	F	S	A	
DIAL1846F06-PA	M	S	A	
DIAL1390F04-NC	M	S	A	
DIAL0292E12-IN	F	S	A	apocyniE12
DIAL1849F01-WV	F	S	A	
DIAL0292B01-WV	F	S	A	apocyniB01
DIAL0292B07-WV	F	S	A	apocyni1
DIAL0292B08-WV	F	S	A	apocyni2
DIAL0292F02-WV	F	S	A	apocyniF02
DIAL1849E12-WV	F	S	A	
DIAL0292E11-WV	F	S	A	apocyniE11

DIAL1390F06-NC	F	S	A	
DIAL1390G04-NC	F	S	A	
DIAL1390G06-NC	F	S	A	
DIAL1390G02-WV	M	S	A	
DIAL1848D09-MD	F	S	A	293G09
DIAL1846D12-MS	F	S	A	
D1414H02-VA	F	S	A	
DIAL2384H09-SC	F	S	A	
D01559C09-GA	F	S	A	
D1414E02-VA	F	S	A	
DIAL0293C03-NJ	F	S	A	pictum1
DIAL0293C04-NJ	F	S	A	pictum2
D01562B06-MD	F	S	A	
D01562B02-MD	F	S	A	
D01562C12-MD	F	S	A	
D01562B10-ON	F	S	A	
D01562C08-ON	F	S	A	
DIAL0294G02-MD	F	S	A	DIAL6MD
DIAL1848B03-ON	F	S	A	
D00609B05-WI	F	S	A	
D00609G03-NS	F	S	A	
D0288F07-SC	F	S	A	
D0288F09-SC	F	S	A	
DIAL0294A05-in	F	S	A	brune~IN2
DIAL0292E08-MD	F	S	A	bruneriE08
06732D09-VA	F	S	A	
D00609C07-KS	F	S	A	
DIAL1846B10-WV	F	S	A	
DIAL1390C08-ON	M	S	A	
DIAL1409A09-NC	M	S	A	
DIAL1846G04-VA	M	S	A	
DIAL1390B02-ON	F	S	A	
DIAL1848E12-MD	M	S	A	DIAL1412E12
DIAL1413C12-TN	F	S	A	
D01559G11-BC	F	S	A	
DIAL1845D09-CA	F	S	A	
DIAL2374G12-CA	F	S	A	long face
DIAL1845C05-CA	F	S	A	
DIAL1845D03-CA	F	S	A	
DIAL1845C11-CA	F	S	A	
DIAL2388C12-UT	F	S	A	
DIAL2374G11-CA	F	S	A	long face
D00607E04-CA	F	S	A	
D01559E10-BC	M	S	A	
D01559G04-BC	F	S	A	
DIAL2388B06-UT	F	S	A	
D00607D05-CA	F	S	A	
DIAL2374H09-UT	F	S	A	
DIAL2385C03-MD	M	S	A	
DIAL1413E11-SC	M	S	A	
DIAL0292D03-NC	F	S	A	
DIAL0294E03-VA	F	S	A	versa2~VA
DIAL0294E02-TN	F	S	A	versa1~TN
DIAL0293E11-NC	F	S	A	
DIAL0293E10-MD	F	S	A	versatum1

D0288C04-DC	F	S	A	
DIAL0293E12-DC	F	S	A	
D1414H07-VA	F	S	A	
BEE0286D06-VA	F	S	A	versa1~VA
DIAL1413D04-NC	F	S	A	
DIAL1391D10-NC	F	S	A	
D1414E08-VA	F	S	A	
DIAL1409B06-NC	F	S	A	
DIAL1413E08-NC	F	S	A	
D1414E04-VA	F	S	A	
DIAL1391A09-SC	F	S	A	
DIAL1413F07-TN	F	S	A	
DIAL1391D09-NC	F	S	A	
DIAL1391D07-NC	F	S	A	
DIAL1413D01-TN	F	S	A	
D1414E07-VA	F	S	A	
D0288C01-DC	F	S	A	
D0288C06-SC	F	S	A	
D0288D09-SC	F	S	A	
D00607E06-MO	F	S	A	
D00607A09-MO	F	S	A	
D0288G03-SC	F	S	A	
D0288F02-SC	F	S	A	
DIAL1391B01-SC	F	S	A	
DIAL1391E04-SC	F	S	A	
DIAL1391D11-SC	F	S	A	
DIAL1413B06-IL	F	S	A	CARLINVILLENSE
D1414A07-IL	F	S	A	CARLINVILLENSE
DIAL1413B11-IL	F	S	A	CARLINVILLENSE
04485C03-MD	F	S	A	
D00607F06-MD	F	S	A	
D-3253D11-FL	F	S	A	
D00607B02-KS	M	S	A	
DIAL0292D09-MD	F	S	A	coreopsis2
DIAL0292D10-MD	F	S	A	coreopsis3
DIAL0292D08-NC	F	S	A	coreopsis1
DIAL0292D12-MD	F	S	A	coreopsis5
DIAL0292D11-MD	F	S	A	coreopsis4
DIAL1846H06-VA	F	S	A	
DIAL1846C01-MS	F	S	A	
DIAL1846E11-MS	F	S	A	
DIAL1409E03-TX	F	S	A	
DIAL1846G07-MS	F	S	A	
DIAL1849F11-DE	F	S	A	
DIAL1849G03-DE	F	S	A	
DIAL1391D04-NC	F	S	A	
06732C08-MA	F	S	A	
06732C10-VA	F	S	A	
D-3253D07-FL	F	S	A	
B01566H05-TX	F	S	A	
DIAL0292E02-MD	F	S	A	crebberimum2
DIAL0294F02-NC	F	S	A	crebe2~NC
DIAL0294F03-NC	F	S	A	crebe3~NC
DIAL0294E05-NC	F	S	A	crebe1~NC
DIAL0292E04-MD	F	S	A	crebberimum4

DIAL1413D12-FL	F	S	A	
DIAL1846C06-MS	F	S	A	
DIAL1846H02-MS	F	S	A	
DIAL1846C11-MS	F	S	A	
CCDB-00611 E05	F	S	A	
BEE0286C08-NC	F	S	A	cress2~NC
DIAL0294A11-IN	F	S	A	cress~IN2
DIAL0294A10-IN	F	S	A	cress~IN1
DIAL1390C02-ON	F	S	A	
BEE0286A05-GA	F	S	A	cress1~GA
DIAL0294A09-in	F	S	A	cress~IL1
DIAL0292E09-MD	F	S	A	
DIAL1845H09-BC	F	S	A	
DIAL1845H07-BC	F	S	A	
DIAL0292E07-ME	F	S	A	
DIAL1845F11-BC	F	S	A	
DIAL1391A03-NC	M	S	A	
BEE0289D05-MN	F	S	A	Lcress-MN1
BEE0289D07-MN	F	S	A	Lcress-MN3
DIAL1391A05-NC	M	S	A	
D00609G07-NS	F	S	A	
DIAL1848A03-NB	F	S	A	DIAL1412A03
BEE1850G05-ME	F	S	A	
BEE0289D06-MN	F	S	A	Lcress-MN2
D01561G01-MD	M	S	A	
DIAL2386H03-WA	F	S	A	
DIAL1391A06-NC	F	S	A	
D0287G06-IL	F	S	A	
D0288G10-ON	F	S	A	
DIAL2386G06-BC	F	S	A	
03767G09-BC	F	S	A	
06732B12-NY	F	S	A	
DIAL2386F07-WA	M	S	A	
DIAL2386H05-WA	F	S	A	WA-3
D-3253E10-OK	M	S	A	
D00607B09-KS	F	S	A	
DIAL1409D07-TX	F	S	A	
DIAL1409D04-TX	F	S	A	
DIAL1409E08-TX	F	S	A	
DIAL1409E10-TX	F	S	A	
DIAL1409F01-TX	F	S	A	
D00607B01-KS	F	S	A	
DIAL1848F12-NC	M	S	A	
D01561B12-ON	F	S	A	
DIAL1848F10-ON	F	S	A	
DIAL1848G01-ON	F	S	A	
D01561E03-ON	F	S	A	
DIAL2374G04-UT	F	S	A	
DIAL2388B04-UT	F	S	A	
DIAL2388C03-UT	F	S	A	
DIAL2386B05-NV	M	S	A	
DIAL2384C08-AB	F	S	A	
DIAL2374G05-UT	F	S	A	
DIAL0294D02-IN	F	S	A	tegul~IN1
D01560D03-IA	F	S	A	

D01560A07-WI	M	S	A	
DIAL1409C09-ON	F	S	A	
DIAL1390A09-ON	F	S	A	
DIAL1839G05-MN	F	S	A	
D0288D03-IN	F	S	A	
DIAL1413G03-NC	F	S	A	
D0295C04-ON	F	S	A	
DIAL1391H04-NC	M	S	A	
DIAL1849G11-MA	M	S	A	
DIAL1839H01-MN	F	S	A	
D0295C05-ON	F	S	A	
D01562C02-MB	F	S	A	
D01562B07-MI	F	S	A	
B03765D08-IA	F	S	A	
04485E09-MI	F	S	A	
B03765D06-IA	F	S	A	
04485E02-MI	F	S	A	
B03765D11-IA	F	S	A	
B03765E01-IA	F	S	A	
D1414G06-DC	F	S	A	
DIAL1846H11-DC	M	S	A	
BEE0289A03-MN	F	S	A	LASIO-MN1
DIAL1846E03-PA	F	S	A	
D0295E03-VA	F	S	A	
BEE0289A07-MN	F	S	A	LASIO-MN3
DIAL0294H08-ON	F	S	A	rohwe1~ON
DIAL1390F12-NC	F	S	A	
D0295C07-ON	F	S	A	
DIAL2387C02-ON	F	S	A	
DIAL1849H03-DC	M	S	A	
DIAL1846A05-ON	F	S	A	
DIAL1846A07-ON	F	S	A	
DIAL1846A02-ON	F	S	A	
DIAL1390F08-WV	F	S	A	
DIAL1391F06-ON	F	S	A	
DIAL1391G07-ON	F	S	A	
DIAL1390F03-ON	F	S	A	
DIAL1846B02-ON	F	S	A	
DIAL1846A03-ON	F	S	A	
DIAL1409C02-ON	F	S	A	
DIAL1409C03-ON	M	S	A	
DIAL1409C07-ON	F	S	A	
DIAL1409C08-ON	F	S	A	
D01562C10-MB	F	S	A	
DIAL1390E01-ON	F	S	A	
DIAL1390F01-ON	F	S	A	
DIAL1390G01-NC	F	S	A	
DIAL1390F09-ON	F	S	A	
DIAL1390F05-ON	F	S	A	
DIAL1391G03-ON	M	S	A	
DIAL1390E03-ON	F	S	A	
DIAL1390E06-ON	F	S	A	
DIAL1390E07-ON	F	S	A	
DIAL1391G05-ON	F	S	A	
DIAL2387B11-ON	F	S	A	

BEE1850E08-MN	F	S	A	
D01561A03-IN	F	S	A	
DIAL1391G02-ON	M	S	A	
D01560A04-WI	M	S	A	
D01560B10-ON	F	S	A	
DIAL1849G08-WV	F	S	A	
DIAL2387B06-ON	F	S	A	
D1414G04-DC	F	S	A	
04485F02-MI	F	S	A	
DIAL1390D04-ON	F	S	A	
DIAL1409A02-ON	F	S	A	
DIAL2387C07-ON	F	S	A	
DIAL1391H06-NC	F	S	A	
D-3253D06-FL	F	S	A	
BEE0286A11-GA	M	S	A	Lpilos1~GA
DIAL1846F10-SC	F	S	A	
DIAL1846F12-SC	F	S	A	
BEE0286B08-GA	F	S	A	Lpilos3~GA
DIAL0294C11-IN	F	S	A	supra~IN1
DIAL0294D01-IN	F	S	A	supra~IN2
DIAL2385E04-ON	M	S	A	
DIAL0294C12-IL	F	S	A	supra~IL1
DIAL0293E02-MD	F	S	A	supraclypeatum3
DIAL0293E01-IN	F	S	A	supraclypeatum2
D00608G05-IN	M	S	A	
D00608G01-IN	M	S	A	
D01561A09-MD	F	S	A	
D01561C07-MD	F	S	A	
DIAL2385C07-DE	M	S	A	
D00607F08-MA	M	S	A	
BEE1850F05-NY	F	S	A	
DIAL2385B04-NY	F	S	A	
D1414H03-VA	F	S	A	
DIAL2384H12-NY	F	S	A	
D01559D03-MA	F	S	A	
B04743G05-MA	F	S	A	
DIAL1846G03-VA	M	S	A	
D1414H12-VA	F	S	A	
D1414H10-VA	F	S	A	
DIAL0294D09-NC	F	S	A	halop2~NC
D1414C12-VA	F	S	A	
DIAL0294D08-NC	F	S	A	halop1~NC
DIAL1413D09-FL	F	S	A	
DIAL1846G01-VA	M	S	A	
DIAL1848E10-MD	F	S	A	
DIAL1413A10-VA	F	S	A	
DIAL1413A11-VA	F	S	A	
CCDB-00611 D02		S	A	
04485G02-MI	F	S	A	
DIAL1848D01-WI	F	S	A	DIAL1412D01
DIAL1846E08-WV	F	S	A	
DIAL1391D03-NC	F	S	A	
DIAL1391C11-NC	F	S	A	
D1414H08-VA	F	S	A	
DIAL1413H11-NC	F	S	A	

DIAL1391A10-SC	F	S	A	
D1414G12-VA	F	S	A	
DIAL1413E09-NC	F	S	A	
DIAL1413B01-VA	F	S	A	
DIAL1413G07-NC	M	S	A	
D00607H10-KS	F	S	A	
D0288A11-MD	F	S	A	
D0288A09-WV	F	S	A	
D0287D03-IL	F	S	A	
D0288C02-DC	F	S	A	
D0287E03-IL	F	S	A	
DIAL0294A01-IN	F	S	A	admirIN1
D0287F07-IL	F	S	A	
D0287E04-IL	F	S	A	
DIAL1846F05-WV	M	S	A	
DIAL0294A02-il	F	S	A	admir~IL1
DIAL0294E08-MD	F	S	A	DIAL1MD
DIAL0294F06-VA	F	S	A	laevi3~VA
DIAL0294E10-VA	F	S	A	DIAL1VA
DIAL0294E09-MD	F	S	A	DIAL2MD
DIAL0294F08-MD	F	S	A	oblon~MD2
DIAL0292A09-VA	F	S	A	admirandum4
DIAL1413A01-IL	F	S	A	
DIAL1390G10-NC	F	S	A	
DIAL0294F04-VA	F	S	A	laevi1~VA
DIAL1391D06-NC	M	S	A	
B03765B12-MD	M	S	A	
DIAL1847H08-MD	M	S	A	
DIAL1391G09-MI	F	S	A	
DIAL1413H08-NC	F	S	A	
DIAL0293C02-NC	F	S	A	
DIAL0292A08-VA	F	S	A	
DIAL1413A04-IL	F	S	A	
DIAL1413A06-IL	F	S	A	
DIAL1413G05-NC	F	S	A	
DIAL1391E03-SC	F	S	A	
DIAL1413B08-IL	F	S	A	
DIAL1846E12-SC	F	S	A	
DIAL1846B01-TN	F	S	A	
DIAL1846A11-NC	F	S	A	
DIAL1846E05-MS	F	S	A	
DIAL1413H03-NC	M	S	A	
DIAL1413C04-TN	F	S	A	
D0287F02-IL	F	S	A	
DIAL1413F02-TN	F	S	A	
D0288C08-DC	F	S	A	
DIAL1413C08-TN	F	S	A	
DIAL1413C05-TN	M	S	A	
DIAL1413B02-VA	F	S	A	
DIAL1413C06-TN	M	S	A	
DIAL1391G08-MI	F	S	A	
DIAL1413C11-NC	F	S	A	
D0287G01-IL	F	S	A	
DIAL1413B09-IL	F	S	A	
DIAL1413C01-IL	F	S	A	

DIAL1413F12-TN	F	S	A	
DIAL1413D05-SC	F	S	A	
DIAL1413C09-TN	F	S	A	
D0287G04-IL	F	S	A	
D0287G02-IL	F	S	A	
D0287G08-IL	F	S	A	
DIAL2385D05-NC	F	S	A	
DIAL1413C02-TN	F	S	A	
DIAL1413C03-TN	F	S	A	
D0287G07-IL	F	S	A	
D0287G12-IL	F	S	A	
D0287H09-IL	F	S	A	
DIAL1413A03-IL	F	S	A	
D0287C11-IL	F	S	A	
D0287C09-IL	F	S	A	
D0287D02-MI	F	S	A	mes transverse striat
D0287D06-IL	F	S	A	
B03765B08-MD	M	S	A	
D-3253C08-NM	F	S	A	
DIAL2374A05-UT	F	S	A	
DIAL2387C12-TX	F	S	A	
DIAL2374C06-UT	F	S	A	sp E5
DIAL2374A06-UT	F	S	A	
DIAL1849C11-CO	F	S	A	
DIAL1409B10-TX	F	S	A	
DIAL1409E06-TX	F	S	A	
DIAL2387B03-NM	F	S	A	
DIAL2386H10-UT	F	S	A	
D-3253D03-NM	F	S	A	
DIAL2374F08-UT	F	S	A	
DIAL2388D11-NM	M	S	A	
DIAL2386F01-NV	F	S	A	M10
D00608D11-NM	F	S	A	brown metasoma
DIAL2374F09-UT	F	S	A	
DIAL2386D09-UT	F	S	A	Z16 or 27
DIAL1849E03-AZ	F	S	A	
DIAL2388E03-NM	M	S	A	
DIAL2388B11-UT	F	S	A	
B-3252H08-NV	F	S	A	
DIAL2374A07-UT	F	S	A	
D00608H06-NV	F	S	A	
DIAL1413F04-TN	F	S	A	
DIAL1390H04-SC	F	S	A	
DIAL1847H11-MD	M	S	A	
D1414B02-NC	F	S	A	
DIAL1413G06-NC	F	S	A	
DIAL1845B07-CA	F	S	A	
DIAL1845A06-CA	F	S	A	
DIAL1845B01-CA	F	S	A	
DIAL1845C02-CA	F	S	A	
D00608H09-OR	F	S	A	
D00607H02-CA	F	S	A	
D00607D09-CA	F	S	A	
D00607F10-CA	F	S	A	
D01559D12-BC	F	S	A	

D-3253F09-KY	M	S	A
D0288F05-SC	F	S	A
D0287D12-IL	F	S	A
D0287F08-IL	F	S	A
DIAL1846G12-SC	F	S	A
D0287F05-IL	F	S	A
DIAL1413H01-NC	M	S	A
D0287H02-IL	F	S	A
DIAL1391D05-NC	F	S	A
DIAL1409B08-VA	M	S	A
DIAL1409B09-VA	M	S	A
DIAL1413C10-NC	F	S	A
DIAL1413B07-IL	F	S	A
DIAL1413D02-TN	F	S	A
DIAL1391E06-SC	F	S	A
D0288G07-NC	F	S	A
DIAL1413G02-TN	F	S	A
D0287F03-IL	F	S	A
DIAL1390G08-NC	F	S	A
DIAL1413G01-TN	F	S	A
D0287C06-IL	F	S	A
DIAL1391F08-ON	F	S	A
DIAL1413H06-NC	F	S	A
DIAL1391F02-NC	F	S	A
DIAL1391B02-SC	F	S	A
DIAL1849G10-MA	M	S	A
D-3253A10-BC	F	S	A
D-3253A04-BC	F	S	A
DIAL2388B03-UT	F	S	A
DIAL1847G08-OR	F	S	A
DIAL1409D08-OR	F	S	A
DIAL1847G09-OR	F	S	A
DIAL1847G11-OR	F	S	A
D00608A10-CA	F	S	A
DIAL2386H12-UT	F	S	A
DIAL2386H02-WA	F	S	A
D00607D10-CA	F	S	A
D00607D07-CA	M	S	A
DIAL2386D03-UT	F	S	A
DIAL2386D05-UT	F	S	A
06717H07-MA	F	S	A
DIAL2385D09-WV	M	S	A
D01560D09-IA	F	S	A
B03751H11-MA	F	S	A
D01560E05-IA	F	S	A
B03750B04-MA	F	S	A
B04743H04-MA	F	S	A
06735G03-MA	M	S	A
D-3253B07-BC	F	S	A
D-3253A07-BC	F	S	A
D-3253B05-BC	F	S	A
D-3253C02-BC	F	S	A
DIAL1845C08-CA	F	S	A
D-3253B09-BC	F	S	A
DIAL1845C07-CA	F	S	A

WA-4

D0295F03-CO	F	S	A	
D-3253A03-BC	F	S	A	
D00608D06-BC	F	S	A	
D00608E08-BC	F	S	A	
D00608D08-BC	F	S	A	
D00607C01-CO	F	S	A	
DIAL1845G08-BC	F	S	A	
DIAL2374E06-WA	F	S	A	
DIAL1409C10-OR	F	S	A	
DIAL1845F09-BC	F	S	A	
DIAL1845D07-CA	F	S	A	
DIAL1845D06-CA	F	S	A	
DIAL1845D11-CA	F	S	A	
DIAL1845E04-CA	F	S	A	
DIAL1845F03-BC	F	S	A	
DIAL1845G05-BC	F	S	A	
03767G11-BC	F	S	A	
DIAL2387E11-BC	F	S	A	
DIAL2387F03-BC	F	S	A	
DIAL2387A05-ID	F	S	A	
DIAL2386A05-CA	M	S	A	
D00608D10-BC	F	S	A	
DIAL2386G12-ID	F	S	A	
D00608C09-CO	F	S	A	
D00608C02-CO	F	S	A	
D00608F04-BC	F	S	A	
D01562A04-MT	F	S	A	
D0295H06-CO	F	S	A	
B03765E10-BC	F	S	A	
D-3253C01-BC	F	S	A	
DIAL2385E08-MD	M	S	A	
DIAL1848H12-PE	F	S	A	DIAL1412H12
DIAL1845H05-BC	F	S	A	
D-3253A02-BC	F	S	A	
D00609G06-NS	F	S	A	
DIAL0294F05-MD	F	S	A	laev2~MD
DIAL0294H11-NB	F	S	A	DIAL2NB
D00607G08-BC	M	S	A	
DIAL1846A08-NC	F	S	A	
DIAL1845H08-BC	F	S	A	
DIAL1845F08-BC	F	S	A	
DIAL1391B11-NC	F	S	A	
D00609G04-NS	F	S	A	
DIAL1848D05-NS	F	S	A	DIAL1412D05
DIAL1409H12-ON	F	S	A	
DIAL1845H02-BC	F	S	A	
DIAL1845G01-BC	F	S	A	
DIAL1845G02-BC	F	S	A	
DIAL1845F04-BC	F	S	A	
DIAL1409B05-NC	F	S	A	
DIAL1845F06-BC	F	S	A	
DIAL1845F07-BC	F	S	A	
DIAL1413E07-NC	F	S	A	
DIAL1848F09-PE	F	S	A	DIAL1412F09
DIAL1848A05-NB	F	S	A	DIAL1412A05

DIAL1848A06-NB	F	S	A	DIAL1412A06
DIAL1848G06-PE	F	S	A	DIAL1412G06
DIAL1849H06-ME	M	S	A	
DIAL2388D05-CO	F	S	A	
D01562D02-ON	M	S	A	
D00607A05-AB	M	S	A	
D00607C10-AB	M	S	A	
D00607C09-AB	M	S	A	
DIAL1391A07-NC	F	S	A	
D0295B10-ON	F	S	A	
D0295C01-ON	F	S	A	
DIAL1391C02-NC	F	S	A	
DIAL1391B03-OH	F	S	A	
DIAL1391C01-NC	F	S	A	
DIAL2388D04-CO	F	S	A	
06745E10-ON	F	S	A	
DIAL1413E02-FL	M	S	A	
DIAL1413E04-FL	F	S	A	
DIAL1413E06-FL	M	S	A	
04485F04-MI	M	S	A	
04485F08-MI	F	S	A	
04485E08-MI	M	S	A	
DIAL1848C01-NB	F	S	A	DIAL1412C01
04485F09-MI	F	S	A	
04485F11-MI	M	S	A	
04485H06-MI	F	S	A	
DIAL1846A04-ON	F	S	A	
04485H04-MI	M	S	A	
DIAL1848B11-NB	F	S	A	DIAL1412B11
D00609G02-NS	F	S	A	
D00609H09-NS	F	S	A	
DIAL1845E03-TX	F	S	A	yellow legs
DIAL1846D07-MS	F	S	A	yellowish legs
DIAL1846F11-MS	F	S	A	
DIAL1391A11-SC	F	S	A	
DIAL2385E07-WV	M	S	A	
BEE0289B05-MN	F	S	A	Ladmir-MN1
DIAL0286H09-MB	F	S	A	DIAL8-MB
DIAL0286H04-MB	F	S	A	DIAL3-MB
D0295B08-ON	F	S	A	
DIAL1390C12-ON	F	S	A	
DIAL0292H06-WV	F	S	A	lineatulum1
DIAL1839G07-MN	F	S	A	
06732C04-WV	F	S	A	
D00607B07-KS	F	S	A	
DIAL1409B01-NC	M	S	A	
DIAL1390C07-ON	F	S	A	
DIAL1390C04-ON	F	S	A	
DIAL0286H06-MB	F	S	A	DIAL5-MB
DIAL1846B05-MD	M	S	A	
DIAL1847H12-MD	M	S	A	
DIAL2388E04-AL	F	S	A	
DIAL1846H04-MS	F	S	A	
DIAL1846E02-MS	F	S	A	
DIAL1846E09-MS	F	S	A	

DIAL1846E06-MS	F	S	A	
DIAL1846D05-MS	M	S	A	
DIAL2387F06-TX	M	S	A	
D0288F08-NC	F	S	A	
BEE0286B09-GA	F	S	A	Lcoreo1~GA
D0288F10-SC	F	S	A	
D01559E03-BC	F	S	A	
D01559F06-BC	F	S	A	
D00608B10-BC	F	S	A	
D00608D04-BC	F	S	A	
D00609H07-BC	F	S	A	
D00609H03-BC	F	S	A	
D00609H05-BC	F	S	A	
DIAL2388B05-WA	F	S	A	
D01561E05-CA	F	S	A	
CCDB - 01565 H3		S	A	
CCDB - 01565 H8		S	A	
D1414C03-VA	F	S	A	
DIAL1846D08-VA	F	S	A	
DIAL1848C05-MD	F	S	A	
D1414D08-VA	F	S	A	
D1414C06-VA	F	S	A	
D1414C05-VA	F	S	A	
D1414C04-VA	F	S	A	
D01561E08-NY	M	S	A	
DIAL1849F05-DC	F	S	A	
DIAL1409B02-NC	M	S	A	
DIAL1409A01-ON	F	S	A	
D-3253E12-FL	F	S	A	
D-3253E02-FL	F	S	A	
D01559A03-FL	F	S	A	
D01561H08-FL	F	S	A	
D01559D09-FL	F	S	A	
D01562D03-FL	F	S	A	
D-3253B01-BC	F	S	A	
D-3253A05-BC	F	S	A	
D-3253B10-BC	F	S	A	
D-3253B11-BC	F	S	A	
D-3253B08-BC	F	S	A	
D-3262G02-UT	F	S	A	
D-3253A08-BC	F	S	A	
DIAL1845C12-CA	F	S	A	
DIAL1845D10-CA	F	S	A	
DIAL2387E12-BC	F	S	A	
D00607F07-CA	M	S	A	
BEE1850F04-OR	F	S	A	
D00607G10-BC	F	S	A	
DIAL2386C03-CA	M	S	A	
DIAL2374A11-UT	F	S	A	
DIAL2386D08-UT	F	S	A	
DIAL2386D06-UT	F	S	A	
DIAL2386C04-CA	M	S	A	
D01559E12-BC	M	S	A	
DIAL2374D09-UT	F	S	A	
DIAL2374E11-WA	F	S	A	

06732F01-WY	F	S	A	
DIAL2385C01-MD	M	S	A	
DIAL1849G01-ME	F	S	A	
04485A08-MD	M	S	A	
D00609G08-NS	F	S	A	
DIAL1849F12-MA	F	S	A	
DIAL1848F03-ON	F	S	A	
D01560B11-VT	M	S	A	
DIAL1848F05-PE	F	S	A	
D0288B10-NC	F	S	A	
D1414C10-VA	F	S	A	
D1414C09-VA	F	S	A	
D-3253F11-FL	F	S	A	
D1414F02-NC	F	S	A	
D1414E12-NC	F	S	A	
D1414E11-NC	F	S	A	
D0288C03-SC	F	S	A	
D1414C08-VA	F	S	A	
D0288B11-NC	F	S	A	
DIAL1846D11-MS	F	S	A	
DIAL1849F03-NC	F	S	A	
D1414D09-VA	F	S	A	
B03765B03-VA	F	S	A	
D0288C11-SC	F	S	A	
D1414F05-NC	F	S	A	
D1414C07-VA	F	S	A	
D0295D12-MD	F	S	A	
D1414B06-VA	F	S	A	
DIAL0293B05-MD	F	S	A	oblongum6
D1414B07-VA	F	S	A	
D00607D12-MA	M	S	A	
D00608F12-IN	M	S	A	
D1414B08-VA	F	S	A	
D1414E01-VA	F	S	A	
D1414B09-VA	F	S	A	
DIAL1849G02-MA	F	S	A	
DIAL1413E12-TN	F	S	A	
DIAL0294F11-VA	F	S	A	catte1~VA
DIAL1847B03-WV	F	S	A	
DIAL1848C11-NY	F	S	A	
D0295E06-MD	F	S	A	
DIAL1846B08-WV	F	S	A	
BEE0286D09-VA	F	S	A	catte1~VA
DIAL1391A04-NC	F	S	A	
DIAL1390G11-NC	F	S	A	
DIAL1849H08-VT	M	S	A	
DIAL2385B03-MB	F	S	A	
DIAL2387F09-NM	F	S	A	
DIAL2387H11-NM	M	S	A	
D0287A11-CO	F	S	A	
DIAL2385A10-MB	F	S	A	
D0295G05-CO	F	S	A	
DIAL2385A04-CO	F	S	A	
D0287B11-CO	F	S	A	
D01561B01-MT	F	S	A	

06732F09-WY	F	S	A	
D0295G10-CO	F	S	A	
DIAL1390C09-ON	F	S	A	
DIAL1849G09-MA	M	S	A	
DIAL1409A06-NC	M	S	A	
DIAL1409A11-NC	F	S	A	
DIAL1845G06-BC	F	S	A	
DIAL1845H10-BC	F	S	A	
DIAL1845G04-BC	F	S	A	
DIAL1845F05-BC	F	S	A	
DIAL1845H03-BC	F	S	A	
DIAL1845H11-BC	F	S	A	
D00608G06-BC	F	S	A	
DIAL1845H12-BC	F	S	A	
DIAL1845G03-BC	F	S	A	
DIAL1845G07-BC	F	S	A	
DIAL1845G12-BC	F	S	A	
DIAL1845F12-BC	F	S	A	
DIAL1845F10-BC	F	S	A	
DIAL1845F02-BC	F	S	A	
DIAL1845G09-BC	F	S	A	
DIAL1845G10-BC	F	S	A	
DIAL1845G11-BC	F	S	A	
DIAL2387H05-CO	F	S	A	
B03765E05-BC	F	S	A	
CCDB-00611 H09-C		S	A	
D01559D04-AB	F	S	A	
DIAL2385A08-SK	F	S	A	
D01559G01-AB	F	S	A	
DIAL2385B02-SK	F	S	A	
DIAL0293B11-WV	F	S	A	laevissimumB11
DIAL1413A02-IL	F	S	A	
DIAL1409A08-NC	F	S	A	
DIAL1390E09-ON	F	S	A	
DIAL1413B05-IL	F	S	A	
D00609C03-WI	F	S	A	
D01560C09-IA	F	S	A	
CCDB-01557 B01		S	A	
DIAL1390D01-NT	F	S	A	
DIAL1390C10-NT	F	S	A	
DIAL2384B09-YT	M	S	A	
D0295F10-CO	F	S	A	
DIAL0286G05-MB	F	S	A	perpu3~MB
DIAL0286G06-MB	F	S	A	perpu4~MB
DIAL0293B09-IN	F	S	A	
D00609H10-NS	F	S	A	
DIAL0286G07-MB	F	S	A	perpu5~MB
DIAL0286G03-MB	F	S	A	perpu1~MB
D01561B02-MT	F	S	A	
D0287A03-CO	F	S	A	
DIAL0286G10-MB	M	S	A	pruin3~MB
DIAL0286G09-MB	M	S	A	pruin2~MB
DIAL0286G04-MB	F	S	A	perpu2~MB
DIAL0286H03-MB	F	S	A	DIAL2-MB
DIAL0293C07-MN	F	S	A	

DIAL0293C08-MN	F	S	A	
DIAL0293C06-MN	F	S	A	pictum4
DIAL0294C01-IN	F	S	A	pictu~IN1
DIAL0293C05-MN	F	S	A	pictum3
DIAL0286F07-MB	F	S	A	pictu2~MB
DIAL0286F08-MB	F	S	A	pictu3~MB
DIAL0286F06-MB	F	S	A	pictu1~MB
DIAL2385B11-MI	M	S	A	
D00609B09-WI	F	S	A	
D1414D12-VA	F	S	A	
DIAL1391D02-NC	F	S	A	
DIAL0294F12-NY	F	S	A	pilos1~NY
DIAL1390B05-ON	F	S	A	
04485G12-MI	F	S	A	
DIAL1846A06-ON	F	S	A	
DIAL1847H06-MD	M	S	A	
DIAL1391A01-VA	F	S	A	
DIAL1413C07-TN	F	S	A	
04485F01-MI	F	S	A	
DIAL1409A05-NC	F	S	A	
DIAL1413A08-VA	F	S	A	
DIAL1390H05-NC	F	S	A	
DIAL1413F05-TN	F	S	A	
DIAL1413D03-NC	F	S	A	
DIAL1413B04-ON	F	S	A	
BEE1850F06-MN	F	S	A	
DIAL1391C12-NC	F	S	A	
D00607G06-BC	F	S	A	
DIAL0294H10-NB	F	S	A	DIAL1NB
DIAL1848A02-NB	F	S	A	DIAL1412A02
DIAL1848G02-NB	F	S	A	293H06
DIAL1848A01-NB	F	S	A	DIAL1412A01
DIAL2388E07-NB	F	S	A	
DIAL1391F05-NT	F	S	A	
CCDB-00611 F10-C		S	A	
D01560D11-DC	F	S	A	
DIAL2385C11-DC	M	S	A	
DIAL1413D08-NC	F	S	A	
DIAL0293D07-WV	F	S	A	P. platyparium5
DIAL0293D03-MD	F	S	A	P. platyparium1
DIAL1849H02-DC	M	S	A	
DIAL1847H09-MD	M	S	A	
DIAL1848E09-MD	F	S	A	
D01560B02-DC	F	S	A	
D01560B05-DC	F	S	A	
DIAL1849F08-MD	F	S	A	
D00609E03-MT	F	S	A	
D0295H01-CO	F	S	A	
D01559F01-AB	M	S	A	
DIAL2386G09-WA	F	S	A	WA-4
D0295G03-CO	F	S	A	
DIAL2384C05-AB	F	S	A	
DIAL1848F01-CO	F	S	A	DIAL1412F01
D01559C10-AB	F	S	A	
DIAL2386H04-WA	F	S	A	WA-4

D0295G01-CO	F	S	A	
D01559H06-BC	F	S	A	
D0287C02-CO	F	S	A	
D01559G06-BC	M	S	A	
D01559H09-BC	M	S	A	
D01559A11-MT	F	S	A	
DIAL2384C06-AB	M	S	A	
DIAL2388F09-UT	M	S	A	
BEE0289H09-MB	F	S	A	pruin-MB4
BEE0289H07-MB	F	S	A	pruin-MB2
DIAL1409H03-MB	M	S	A	
BEE0289H06-MB	F	S	A	pruin-MB1
BEE0289H10-MB	F	S	A	LASIO-MB1
DIAL2388G12-AZ	F	S	A	
DIAL2374G02-UT	F	S	A	Z5
DIAL2374B05-UT	F	S	A	
DIAL1845B08-CA	F	S	A	
D00608C07-CA	F	S	A	
DIAL1845B02-CA	F	S	A	
DIAL2387A07-ID	F	S	A	
B03765G03-BC	F	S	A	
DIAL1848D04-FL	M	S	A	
DIAL0293E07-FL	F	S	A	tegulare2
DIAL0293E09-FL	F	S	A	tegulare4
DIAL0293E08-FL	F	S	A	tegulare3
DIAL1846H07-SC	F	S	A	
DIAL1847A04-FL	M	S	A	
DIAL1413E05-FL	F	S	A	
DIAL1846B11-MS	F	S	A	
DIAL1847A02-FL	M	S	A	
D0288E11-SC	F	S	A	
DIAL1846F01-SC	M	S	A	
DIAL1846B09-MS	F	S	A	
DIAL1846D01-MS	F	S	A	
D0288G05-FL	F	S	A	
D0288G04-FL	F	S	A	
D0288F04-SC	F	S	A	
D0288E02-NC	F	S	A	
D0288C12-FL	F	S	A	
D0288F01-SC	F	S	A	
B03765A01-GA	F	S	A	
D01559B08-GA	F	S	A	
D01559C11-GA	F	S	A	
D01559E01-GA	F	S	A	
DIAL1846D03-MS	F	S	A	
DIAL1846C03-MS	F	S	A	
D01561E01-MA	M	S	A	
DIAL1848D08-MD	F	S	A	
DIAL1848D06-WV	F	S	A	
DIAL2385C05-MD	M	S	A	
DIAL1849F10-MD	F	S	A	
DIAL2384B01-YT	M	S	A	
DIAL2384A10-YT	M	S	A	
DIAL2384B03-YT	M	S	A	
DIAL2384A08-YT	M	S	A	

B01558C07-AB	F	S	A	
DIAL2387C04-NM	F	S	A	
D00609B02-MT	F	S	A	
D01562A01-MT	F	S	A	
DIAL2374G03-NV	M	S	A	
03767G04-BC	F	S	A	
CCDB-00611 H02		S	A	
D0295H07-CO	F	S	A	
CCDB-01557 A01		S	A	
DIAL2384C03-AB	F	S	A	
D0295H03-CO	F	S	A	
D01559G12-BC	F	S	A	
D00607H03-SK	F	S	A	
DIAL2386G03-BC	F	S	A	BC-12 kkk
DIAL2374B07-UT	F	S	A	
DIAL2388C07-NV	F	S	A	
D01561E07-SK	F	S	A	
D01561E02-SK	F	S	A	
D01562D12-BC	F	S	A	
D01559A08-AB	F	S	A	
04486E05-WA	F	S	A	
CCDB-00611 H11		S	A	
03767G06-BC	F	S	A	
B03765E06-BC	F	S	A	
CCDB-01557 A04		S	A	
06732E12-WY	F	S	A	
DIAL2386A08-NV	M	S	A	
D01562D10-ON	F	S	A	
DIAL0286H10-MB	F	S	A	DIAL9-MB
DIAL0291H07-MB	F	S	A	LASIO-ON2
DIAL0291H05-MB	F	S	A	laevi-MB1
DIAL0291H06-MB	F	S	A	LASIO-ON1
DIAL0286H11-MB	F	S	A	DIAL10-MB
DIAL0286H07-MB	F	S	A	DIAL6-MB
DIAL0286H08-MB	F	S	A	DIAL7-MB
B03765F12-BC	F	S	A	
DIAL1409H04-MB	F	S	A	
DIAL1409H02-MB	F	S	A	
CCDB-01557 A09-M		S	A	
D01562C04-MB	F	S	A	
D01560A10-WI	M	S	A	
DIAL0291H08-MB	M	S	A	LASIO-ON3
D01562E02-MB	F	S	A	
D01562C09-ON	F	S	A	
CCDB-01557 A07-M		S	A	
B03765F09-BC	F	S	A	
CCDB-01557 A10-M		S	A	
CCDB-01557 A11-M		S	A	
B03765F06-BC	F	S	A	
D00608F06-BC	F	S	A	
B03751H05-BC	F	S	A	
D01559E08-BC	M	S	A	
D00607E12-UT	F	S	A	
D00608E01-BC	F	S	A	
D01561F06-BC	F	S	A	

B03765E12-BC	F	S	A	
D0295F01-CO	F	S	A	
DIAL2374E05-WA	F	S	A	ok 1
CCDB-00611 H04		S	A	
D01559G09-BC	M	S	A	
D0295G11-CO	F	S	A	
DIAL2387C03-ID	F	S	A	
D0295F04-CO	F	S	A	
DIAL2374E04-WA	F	S	A	
D01559B11-BC	F	S	A	
D01559C03-BC	F	S	A	
D0295H11-CO	F	S	A	
D0287C01-CO	F	S	A	
D0287B01-CO	F	S	A	
D01562A10-MT	F	S	A	
D0295G06-CO	F	S	A	
CCDB-00611 H03	M	S	A	
DIAL2388D12-NM	F	S	A	
DIAL0293H09-AZ	F	S	A	
D-3262F07-NM	F	S	A	
D0295G07-CO	F	S	A	
DIAL1848C04-MN	F	S	A	
DIAL1848F02-MN	F	S	A	DIAL1412F02
DIAL1848B05-AZ	F	S	A	
DIAL1849B05-AZ	M	S	A	
DIAL1847F03-TX	F	S	A	
DIAL1849E10-AZ	F	S	A	
D0287A06-CO	F	S	A	
DIAL2374F12-UT	F	S	A	
D0295G02-CO	F	S	A	
DIAL1849E02-CO	F	S	A	
DIAL1848B01-AZ	F	S	A	
DIAL1848C03-MN	F	S	A	
D01561B03-CA	M	S	A	
DIAL2386B02-NV	M	S	A	
DIAL2374G01-UT	F	S	A	
DIAL2388E02-NM	M	S	A	
DIAL1849C06-CO	F	S	A	
DIAL0286G11-MB	F	S	A	pruin4~MB
D0287A04-CO	F	S	A	
D0295H04-CO	F	S	A	
D0295G04-CO	F	S	A	
DIAL0286G12-MB	F	S	A	pruin5~MB
DIAL0286G08-MB	F	S	A	pruin1~MB
06732H03-CO	F	S	A	
DIAL2385E11-NS	F	S	A	
DIAL2385A02-NS	F	S	A	
DIAL2385F01-NS	M	S	A	
DIAL2385F04-NS	M	S	A	
DIAL1848D03-NS	F	S	A	DIAL1412D03
DIAL1848D02-NS	F	S	A	DIAL1412D02
D01560A05-WI	F	S	A	
DIAL2384H08-MD	F	S	A	
DIAL1849H05-MD	M	S	A	
DIAL0294B06-IN	F	S	A	laevi~IN1

DIAL1848G09-AB	M	S	A	DIAL1412G09
D01562E03-NS	F	S	A	
DIAL2385A01-SK	F	S	A	new SK sp?
DIAL2385A05-SK	F	S	A	
D01560C07-IA	F	S	A	
D-3253F03-MO	F	S	A	
D0288E01-VA	F	S	A	
DIAL2385E09-NS	F	S	A	
D0288C10-VA	F	S	A	
DIAL0294F07-MD	F	S	A	abanc~MD1
DIAL0293B04-MD	F	S	A	
DIAL0294G03-MD	F	S	A	DIAL7MD
DIAL0293B03-MD	F	S	A	
DIAL0294G04-MD	F	S	A	DIAL8MD
DIAL0294C08-IN	F	S	A	admir~IN1
DIAL0292A03-MD	F	S	A	
DIAL0292A04-MD	F	S	A	
B04743G07-MA	F	S	A	
B04743G01-MA	F	S	A	
DIAL1846F08-WV	F	S	A	
DIAL1848C12-WV	F	S	A	
B04743D05-NS	F	S	A	
D00608E10-IN	F	S	A	
D01562B05-ON	M	S	A	
B04743H06-MA	F	S	A	
DIAL1391E05-TN	F	S	A	
D00607E07-CT	F	S	A	
D0288B02-MD	F	S	A	
D01559E06-ON	F	S	A	
D00607A10-CT	F	S	A	
DIAL1849G06-NH	F	S	A	
D01560A01-WI	F	S	A	
B03750B02-MA	F	S	A	
CCDB-00611 G08-C		S	A	
CCDB-00611 F03-CM		S	A	
B04743G03-MA	F	S	A	
B04743H02-MA	F	S	A	
CCDB-00611 G03-C		S	A	
CCDB-00611 G04-C		S	A	
B04743D03-NS	F	S	A	
D00608E12-IN	F	S	A	
D01562E07-NS	F	S	A	
D01560C12-IA	F	S	A	
DIAL0286F12-MB	F	S	A	pilos8~MB
DIAL0286F10-MB	F	S	A	pilos6~MB
DIAL1848H03-AB	F	S	A	
DIAL1390B01-ON	F	S	A	
DIAL0293E04-FL	F	S	A	tamiamense1
D-3253D09-FL	F	S	A	
D-3253E04-FL	F	S	A	
D01561D10-FL	F	S	A	
D01559A04-FL	F	S	A	
D0295D02-DC	F	S	A	
D00608B05-ON	F	S	A	
D00608B03-ON	F	S	A	

D1414C02-VA	F	S	A	
DIAL0294E01-VA	F	S	A	tegul~VA1
DIAL0294D12-NY	F	S	A	tegul~NY1
D1414B10-VA	F	S	A	
D1414C01-VA	F	S	A	
D-3253F06-MO	F	S	A	
DIAL1846B06-MS	F	S	A	
DIAL1847H10-MD	M	S	A	
DIAL1846H10-MD	F	S	A	
DIAL1846B04-MS	F	S	A	
DIAL1413A09-VA	F	S	A	
B01566D04-TX	F	S	A	
D0288E08-WV	F	S	A	
D1414B11-VA	F	S	A	
DIAL1391E02-SC	M	S	A	
DIAL1391E01-SC	F	S	A	
D0288G09-SC	F	S	A	
D0288E10-NC	F	S	A	
D0288E05-WV	F	S	A	
D0288D12-WV	F	S	A	
D0295E11-DC	F	S	A	
D0295E10-DC	F	S	A	
BEE0286E07-VA	F	S	A	tegul1~VA
D00607C02-MO	F	S	A	
D00607A01-NE	F	S	A	
06732C02-DC	F	S	A	
DIAL2387C06-YT	F	S	A	
DIAL1845E09-NL	F	S	A	
DIAL1845E06-NL	F	S	A	
DIAL2384A11-YT	M	S	A	
DIAL1391C03-NC	M	S	A	
DIAL2384A03-YT	M	S	A	
DIAL2384A02-YT	M	S	A	
DIAL1845E12-NL	F	S	A	
DIAL1845F01-NL	F	S	A	
DIAL2387B10-YT	F	S	A	
DIAL1391C04-NC	F	S	A	
DIAL2387B04-YT	F	S	A	
DIAL2384A06-YT	F	S	A	
DIAL1848A10-NB	F	S	A	DIAL1412A10
DIAL2384A09-YT	M	S	A	
DIAL2384B08-YT	F	S	A	
DIAL2384A01-YT	M	S	A	
DIAL2384B02-YT	M	S	A	
DIAL2384B10-YT	M	S	A	
DIAL1390C01-ON	F	S	A	
DIAL1390C03-ON	F	S	A	
BEE1850G11-ME	F	S	A	
D1414H01-VA	F	S	A	
DIAL0292A11-WV	F	S	A	
DIAL0294E06-MD	F	S	A	admir1~MD
DIAL2385F02-MD	M	S	A	
DIAL0294E12-MD	F	S	A	DIAL4MD
DIAL0294E07-IN	F	S	A	admir2~IN
DIAL0293B10-WV	F	S	A	

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DIAL1391B10-NC	F	S	A
06732E06-WV	F	S	A
D0287H06-IL	F	S	A
D0287F01-IL	F	S	A
D0287H08-IL	F	S	A
DIAL1413G09-NC	M	S	A
D0287H12-IL	F	S	A
DIAL1409C01-PQ	M	S	A
DIAL1409B11-PQ	M	S	A
DIAL1846F03-MD	M	S	A
DIAL1847H01-MD	M	S	A
DIAL1847H02-MD	F	S	A
DIAL1846B03-MD	F	S	A
D00607H07-KS	F	S	A
DIAL1391H05-NC	F	S	A
DIAL1391B07-NC	M	S	A
DIAL1391B05-NC	M	S	A
D0287E12-IL	F	S	A
D0287E06-IL	F	S	A
DIAL1413B03-IL	F	S	A
DIAL1390A02-NC	M	S	A
DIAL1390A01-NC	M	S	A
DIAL1390F02-NC	F	S	A
DIAL1413G08-NC	F	S	A
DIAL1391H12-NC	M	S	A
DIAL1413H07-NC	F	S	A
DIAL1413H04-NC	F	S	A
DIAL1391B09-NC	M	S	A
DIAL1391B08-NC	M	S	A
D0287H11-IL	F	S	A
DIAL1391B04-NC	M	S	A
DIAL1391H07-NC	F	S	A
D0287E02-IL	F	S	A
DIAL1391B06-NC	M	S	A
DIAL1848F04-MD	F	S	A
DIAL1413H09-NC	F	S	A
D0287E08-IL	F	S	A
D0295B07-ON	F	S	A
D0295B01-ON	F	S	A
D0295B02-ON	F	S	A
D0287H07-IL	F	S	A
DIAL1391H11-NC	M	S	A
D0287G11-IL	F	S	A
D0287H03-IL	F	S	A
D0287H04-IL	F	S	A
D0287H05-IL	F	S	A
D0287G05-IL	F	S	A
D0287E11-IL	F	S	A
D0287E07-IL	F	S	A
D0287D07-IL	F	S	A
D0287C05-IL	F	S	A
D1414E06-VA	F	S	A
D0287C03-IL	F	S	A
D0287C04-IL	F	S	A
D0287E09-IL	F	S	A

293H02

D1414E03-VA	F	S	A	
D0288H02-MD	F	S	A	
D0288G12-MD	F	S	A	
D0288D10-MD	F	S	A	
D0288B07-MD	F	S	A	
D1414H06-VA	F	S	A	
D1414H05-VA	F	S	A	
D1414E05-VA	F	S	A	
D0295B04-ON	F	S	A	
D00607F03-KS	F	S	A	
D00607C04-MO	F	S	A	
D00608E07-IN	M	S	A	
DIAL2385C08-MD	M	S	A	
DIAL2385D06-MD	M	S	A	
06732D06-WV	F	S	A	
CCDB-00611 D09		S	A	
CCDB-00611 D03-I		S	A	
06732H06-RI	M	S	A	
DIAL1845C10-TX	F	S	A	
DIAL1847A01-SC	M	S	A	
DIAL0294D04-IN	F	S	A	viere~IN1
DIAL0294E04-NY	F	S	A	viere1~NY
DIAL0293F11-MN	F	S	A	vierecki4
DIAL0293F08-MD	F	S	A	vierecki1
D0288D06-NC	F	S	A	
DIAL0293F09-MD	F	S	A	vierecki2
06732D07-MA	F	S	A	
DIAL1390A06-ON	F	S	A	
DIAL0286H01-MB	M	S	A	viere1~MB
D0288D07-SC	F	S	A	
D0288D11-SC	F	S	A	
D00609G05-NS	F	S	A	
DIAL2385E10-MB	F	S	A	
D01561D05-ON	F	S	A	
D01561C04-IN	F	S	A	
DIAL1390G09-NC	F	S	A	
DIAL1848A04-NB	F	S	A	DIAL1412A04
D0295D03-MD	F	S	A	
DIAL1846C05-MS	F	S	A	yellow legs
DIAL1413D06-NC	F	S	A	
DIAL0294F01-PA	F	S	A	admir1~PA
DIAL1413A05-IL	F	S	A	
DIAL0293A03-MD	F	S	A	atlanticumA03
DIAL0293G02-MD	F	S	A	
DIAL1391E08-NC	F	S	A	
DIAL0294E11-MD	F	S	A	DIAL3MD
DIAL0292H12-MD	F	S	A	
DIAL1390E02-ON	F	S	A	
DIAL1413F01-TN	F	S	A	
DIAL1413A07-VA	F	S	A	
DIAL1413H05-NC	F	S	A	
DIAL1413B10-IL	F	S	A	
DIAL1846E01-WV	F	S	A	
DIAL1409A10-NC	F	S	A	
DIAL1409H11-ON	F	S	A	

DIAL1390H03-SC	F	S	A	
DIAL1390C06-ON	F	S	A	
DIAL1390H02-SC	F	S	A	
DIAL1390G05-NC	F	S	A	
DIAL1391A02-VA	F	S	A	
DIAL1413D07-NC	F	S	A	
DIAL1848F06-MD	F	S	A	293H03
D1414A01-YT	F	S	A	
DIAL2387F08-BC	F	S	A	
DIAL1848C02-YT	F	S	A	
BEE0286C11-ON	F	S	A	zephy2~ON
D00608H10-OR	F	S	A	
04485A10-VA	M	S	A	
DIAL1848D10-MD	F	S	A	odd specimen
DIAL1390D09-ON	F	S	A	
DIAL1848B06-WV	M	S	A	1390G03
DIAL1848C08-WV	M	S	A	

Draft

Jason Gibbs

Notes	Voucher Status	Tissue Descriptor	External URLs
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sp. C

Draft

White pan trap
Col on: Monarda fistulosa

original ID by S.D. as fattigi

20-Sep-year? Original ID by S.D. as admiran
20-Sep-year?
20-Sep-year?
original ID by S.D. as fattigi

original ID by S.D. as fattigi

White pan trap
original ID by S.D. as cressonii

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mix up?

Sep or Oct-03

Draft

Col on: *Claytonia virginica*

Blue pan trap

Blue pan trap

Draft

Blue pan trap

Draft

apical half of T2 very sparsely punctate

Col on: *Chamaecrista fasciculata*

Col on: *Tradescantia ohienis*

Col on: surnac

white pan trap

Draft

nr halophitum with clypeus red

Col on: Ranunculus abortivus

Yellow pan trap

near admirandum with relatively dense punct
close to flaveriae

Draft

dorsal surface of propodeum truncate with cc

Draft

weird propodeum

Draft

ID-11

Draft

Draft

Draft

Draft

weird

original ID by S. D. as perpunctatum

Draft

bowl survey
Yellow pan trap
bowl survey

Draft

Paralictus; pan trap
Paralictus

near pruinorum

Draft

HOLOTYPE

near laevissimum
near laevissimum
near laevissimum

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Draft

Col on: *Selix humilis*

Yellow pan trap
close to viridatum
close to viridatum; Collection Date: 15-Jul-?

Draft

size of specimen unusually small

Draft

Collection Date: 20-Sep-?

Sep or Oct-03

Draft

Yellow pan trap
Col on: *Barbarea vulgaris*

Specimen is asymmetric. Half male/Half fem:
Collection Date: 21-Sep-?

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White pan trap

bowl survey

Draft

original ID by S. D. as little rohweri

acarinium incomplete, tegula pale, dorsal sur

obscure punctures visible on pleura

sculpturing unusual 293G10

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Associated Taxa	Associated Specimens
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Project: SEARCH: Process ids(1283 ids)
Created : 12-July-2017

User : Jason Gibbs

Sample ID	Collectors	Collection Date	Country/Ocean	State/Province	Region
D00608F07-IN	R. Grundel	05-Aug-2004	United States	Indiana	Porter Co.
DIAL2386F10-UT		16-Jun-2005	United States	Utah	
DIAL2386C10-UT			United States	Utah	
DIAL2384C07-AB	Gibbs & Sheffield	15-Jun-2007	Canada	Alberta	
DIAL2386C08-UT			United States	Utah	
DIAL2374H06-UT		28-May-1998	United States	Utah	
DIAL2385D04-ON		03-Aug-2001	Canada	Ontario	
DIAL2385E03-MD	N Allen	22-Sep-2004	United States	Maryland	
D01562A03-MI			United States	Michigan	
DIAL1839G06-MN	RL Andres	21-Jul-2006	United States	Minnesota	Clay Co.
DIAL1839G08-MN	RL Andres	21-Jul-2006	United States	Minnesota	Clay Co.
DIAL0292H11-MD	SW Droege	22-Jul-2004	United States	Maryland	Pr. George's Co.
DIAL1409C04-ON	J Gibbs	07-Oct-2006	Canada	Ontario	Toronto
DIAL2387C05-ON	E Willis		Canada	Ontario	
D01561D09-ON		26-Sep-2003	Canada	Ontario	Escarpment
04791B03-FL	A. Vanderby	04-Jun-2005	United States	Florida	
DIAL0292B02-NJ	H Gaines	21-Jul-2004	United States	New Jersey	Hunterdon Co.
DIAL0286F05-MB	A. M. Patenaude	23-Aug-2005	Canada	Manitoba	YellowQuill Mxd.
D00609G09-NS	S. Rigby	07-Jun-1999	Canada	Nova Scotia	
DIAL1839G12-MN	RL Andres	02-Jun-2006	United States	Minnesota	Clay Co.
DIAL1839G09-MN	RL Andres	21-Jul-2006	United States	Minnesota	Clay Co.
06732D10-PA	A. Smith, N. Kline	20-Aug-2008	United States	Pennsylvania	
BEE1850G06-ME	HW Ikerd		United States	Maine	Hancock Co.
DIAL2386G02-BC	J. Gibbs		Canada	British Columbia	
DIAL1848A08-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
DIAL1849A09-CO	Kearns & Oliveras	02-Jun-2005	United States	Colorado	Boulder Co.
DIAL0286F03-MB	A. M. Patenaude	23-Aug-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL2384C02-AB	Gibbs & Sheffield	20-Jun-2007	Canada	Alberta	
D01559F12-BC	LR Best	12-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
DIAL2386G07-WA			United States	Washington	
DIAL2387E09-AB	Gibbs & Sheffield	20-Jun-2007	Canada	Alberta	
D01559F10-BC	LR Best	27-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D01559H03-BC	LR Best	27-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D01559H10-BC	LR Best	18-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
DIAL2387B05-WA	Gibbs & Sheffield	29-May-2007	United States	Washington	Columbia Co.
DIAL0294A03-IN	RP Jean	01-Jul-2003	United States	Indiana	Jasper Co.
DIAL0292B05-IN	RP Jean	16-Jul-2003	United States	Indiana	Jasper Co.
BEE0289C05-MN	L Packer	01-Jun-2005	United States	Minnesota	Minnetonka
CCDB-00611 C12	J.K Tuell		United States	Michigan	Tuscola
D-3253D12-WI		05-Sep-2007	United States	Wisconsin	
D0287D01-MI	J Gibbs & C Sheffi	27-Jun-2006	United States	Michigan	Shiawassee
DIAL1390D06-ON	E. Willis	20-Jun-2005	Canada	Ontario	Toronto
DIAL1846F06-PA	SW Droege	23-Aug-2005	United States	Pennsylvania	Philadelphia Co.
DIAL1390F04-NC		15-Aug-2006			near Charleston
DIAL0292E12-IN	RP Jean	11-May-1999	United States	Indiana	Vigo Co.
DIAL1849F01-WV	SW Droege	11-Jul-2005	United States	West Virginia	Hampshire Co.
DIAL0292B01-WV	SW Droege		United States	West Virginia	Hampshire Co.
DIAL0292B07-WV	SW Droege		United States	West Virginia	Hampshire Co.
DIAL0292B08-WV	SW Droege		United States	West Virginia	Hampshire Co.
DIAL0292F02-WV	SW Droege	30-May-2004	United States	West Virginia	Hampshire Co.
DIAL1849E12-WV	SW Droege	11-Jul-2005	United States	West Virginia	Hampshire Co.
DIAL0292E11-WV	SW Droege	30-May-2004	United States	West Virginia	Hampshire Co.

DIAL1390F06-NC		15-Aug-2006			near Charleston
DIAL1390G04-NC		15-Aug-2006	United States	North Carolina	near Charleston
DIAL1390G06-NC		15-Aug-2006			near Charleston
DIAL1390G02-WV		15-Aug-2006	United States	West Virginia	near Charleston
DIAL1848D09-MD	SW Droege		United States	Maryland	Garrett Co.
DIAL1846D12-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
D1414H02-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague Island
DIAL2384H09-SC		11-Jul-2007	United States	South Carolina	
D01559C09-GA	J Hanula & S Horr	18-Jul-2008	United States	Georgia	Jasper Co.
D1414E02-VA	SW Droege		United States	Virginia	Assateague Island
DIAL0293C03-NJ	B. Ahlstrom	17-Jun-2003	United States	New Jersey	Atlantic Co.
DIAL0293C04-NJ	R Winfree	06-Jun-2003	United States	New Jersey	Atlantic Co.
D01562B06-MD		22-Jul-2008	United States	Maryland	Worcester Co.
D01562B02-MD		22-Jul-2008	United States	Maryland	Worcester Co.
D01562C12-MD		22-Jul-2008	United States	Maryland	Worcester Co.
D01562B10-ON	E. Proctor	19-Jun-2007	Canada	Ontario	
D01562C08-ON	E. Proctor	19-Jun-2007	Canada	Ontario	
DIAL0294G02-MD			United States	Maryland	
DIAL1848B03-ON	E. Willis		Canada	Ontario	
D00609B05-WI	A. Wolf	25-May-2005	United States	Wisconsin	
D00609G03-NS	Sheffield, Rigby &	10-Jul-2003	Canada	Nova Scotia	
D0288F07-SC	SW Droege		United States	South Carolina	Chesterfield Co
D0288F09-SC	SW Droege	18-May-2006	United States	South Carolina	Chesterfield Co
DIAL0294A05-in	RP Jean	01-Jul-2003	United States	Indiana	Jasper Co.
DIAL0292E08-MD	A. Lohr	27-Jul-2004	United States	Maryland	Anne Arundel Co.
06732D09-VA	M. Mackinnon, R.	14-Aug-2008	United States	Virginia	
D00609C07-KS	J. Hopwood	09-Aug-2004	United States	Kansas	
DIAL1846B10-WV	SW Droege	30-May-2005	United States	West Virginia	Hampshire Co.
DIAL1390C08-ON	PJ Carson		Canada	Ontario	Norfolk CO
DIAL1409A09-NC	J Gibbs	13-Aug-2006	United States	North Carolina	near Jefferson
DIAL1846G04-VA	SW Droege	30-Jun-2006	United States	Virginia	Assateague I.
DIAL1390B02-ON	PJ Carson		Canada	Ontario	Norfolk CO
DIAL1848E12-MD	Z Riegel	21-Aug-2005	United States	Maryland	Pr. George's Co.
DIAL1413C12-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
D01559G11-BC	LR Best	29-Jul-2008	Canada	British Columbia	Okanagan-Smilkeameen
DIAL1845D09-CA	Fuerst, Briggs		United States	California	Mariposa Co.
DIAL2374G12-CA			United States	California	
DIAL1845C05-CA	Briggs, Stephens		United States	California	Mariposa Co.
DIAL1845D03-CA	Fuerst, Briggs		United States	California	Mariposa Co.
DIAL1845C11-CA	Fuerst, Briggs		United States	California	Mariposa Co.
DIAL2388C12-UT		26-May-2006	United States	Utah	Washington Co.
DIAL2374G11-CA			United States	California	
D00607E04-CA	S.W. Droege	30-May-2008	United States	California	Los Angeles Co.
D01559E10-BC	LR Best	15-Aug-2008	Canada	British Columbia	Okanagan-Smilkeameen
D01559G04-BC	LR Best	28-Jul-2008	Canada	British Columbia	Okanagan-Smilkeameen
DIAL2388B06-UT		05-Jul-2006	United States	Utah	Washington Co.
D00607D05-CA	S.W. Droege	30-May-2008	United States	California	Los Angeles Co.
DIAL2374H09-UT	T Toler	11-May-1998	United States	Utah	Tooele Co.
DIAL2385C03-MD		30-Sep-2003	United States	Maryland	
DIAL1413E11-SC	J Gibbs	08-Aug-2006	United States	South Carolina	S of Anderson
DIAL0292D03-NC	R Jackowski	01-Oct-2003	United States	North Carolina	Union Co.
DIAL0294E03-VA	SW Droege	08-Jun-2005	United States	Virginia	Suffolk City Co.
DIAL0294E02-TN	SW Droege	08-Mar-2006	United States	Tennessee	Sevier Co.
DIAL0293E11-NC	R Jackowski	01-Oct-2003	United States	North Carolina	Union Co.
DIAL0293E10-MD	SW Droege	03-Sep-2003	United States	Maryland	

D0288C04-DC	S Rudy		United States	District of Columbia	
DIAL0293E12-DC	C. Osborn	30-Jul-2004	United States	District of Columbia	
D1414H07-VA	SW Droeger		United States	Virginia	Assateague Island
BEE0286D06-VA	Amro Zayed	06-Jun-2005	United States	Virginia	KOA
DIAL1413D04-NC	J Gibbs	07-Aug-2006	United States	North Carolina	Junaluska Meadow
DIAL1391D10-NC	C. Sheffield	10-Aug-2006	United States	North Carolina	E of Charlotte
D1414E08-VA	SW Droeger		United States	Virginia	Assateague Island
DIAL1409B06-NC	J Gibbs	10-Aug-2006	United States	North Carolina	E of Charlotte
DIAL1413E08-NC	J Gibbs	08-Aug-2006	United States	North Carolina	Bryson City
D1414E04-VA	SW Droeger		United States	Virginia	Assateague Island
DIAL1391A09-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1413F07-TN	J Gibbs	08-Aug-2006	United States	Tennessee	near Gatlinburg
DIAL1391D09-NC	C. Sheffield	10-Aug-2006	United States	North Carolina	E of Charlotte
DIAL1391D07-NC	C. Sheffield	10-Aug-2006	United States	North Carolina	E of Charlotte
DIAL1413D01-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
D1414E07-VA	SW Droeger		United States	Virginia	Assateague Island
D0288C01-DC	S Rudy		United States	District of Columbia	
D0288C06-SC	SW Droeger		United States	South Carolina	Chesterfield Co
D0288D09-SC	SW Droeger		United States	South Carolina	Chesterfield Co
D00607E06-MO	M.S. Arduser	20-Jun-2005	United States	Missouri	Newton Co.
D00607A09-MO	M.S. Arduser	02-Jun-2005	United States	Missouri	Newton Co.
D0288G03-SC	SW Droeger		United States	South Carolina	Chesterfield Co
D0288F02-SC	SW Droeger		United States	South Carolina	Chesterfield Co
DIAL1391B01-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1391E04-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1391D11-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1413B06-IL	C. Sheffield	25-Jun-2006	United States	Illinois	Litchfield
D1414A07-IL	J Gibbs	24-Jun-2006	United States	Illinois	Macoupin Co.
DIAL1413B11-IL	Gibbs & Sheffield	25-Jun-2006	United States	Illinois	Macoupin Co.
04485C03-MD		09-Jul-2007	United States	Maryland	
D00607F06-MD	B. Hollister	13-May-2005	United States	Maryland	Anne Arundel Co.
D-3253D11-FL			United States	Florida	
D00607B02-KS	J. Hopwood	26-Aug-2004	United States	Kansas	Douglas Co.
DIAL0292D09-MD	Haramis, Arch	13-Aug-2003	United States	Maryland	Pr. George's Co.
DIAL0292D10-MD	LE Hilden	17-Jul-2002	United States	Maryland	Pr. George's Co.
DIAL0292D08-NC	R Jackowski		United States	North Carolina	Union Co.
DIAL0292D12-MD	LE Hilden	17-Jul-2002	United States	Maryland	Pr. George's Co.
DIAL0292D11-MD	R Andrus	25-Sep-2004	United States	Maryland	Pr. George's Co.
DIAL1846H06-VA	SW Droeger	01-Jul-2006	United States	Virginia	Assateague I.
DIAL1846C01-MS	SW Droeger	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1846E11-MS	SW Droeger	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1409E03-TX	HW Ikerd	27-Apr-2002	United States	Texas	Denton Co.
DIAL1846G07-MS	SW Droeger	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1849F11-DE	SW Droeger	26-Aug-2006	United States	Delaware	Fenwick Island
DIAL1849G03-DE	SW Droeger	26-Aug-2005	United States	Delaware	Fenwick Island
DIAL1391D04-NC	C. Sheffield	10-Aug-2006	United States	North Carolina	E of Charlotte
06732C08-MA	DB	06-Aug-2008	United States	Massachusetts	
06732C10-VA	B. Staff	20-Aug-2008	United States	Virginia	
D-3253D07-FL		03-Jun-2007	United States	Florida	Martin Co.
B01566H05-TX	J.L. Neff	19-Apr-2008	United States	Texas	Tyler Co.
DIAL0292E02-MD	SW Droeger	21-Aug-2003	United States	Maryland	Dorchester Co.
DIAL0294F02-NC			United States	North Carolina	
DIAL0294F03-NC			United States	North Carolina	
DIAL0294E05-NC	SW Droeger	07-Jun-2005	United States	North Carolina	Hyde Co.
DIAL0292E04-MD	SW Droeger	21-Aug-2003	United States	Maryland	Dorchester Co.

DIAL1413D12-FL	JA Genaro	30-Aug-2006	United States	Florida	Miami
DIAL1846C06-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1846H02-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1846C11-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
CCDB-00611 E05	Ronquist lab	16-May-2005	United States	Florida	Wakulla co.
BEE0286C08-NC	Amro Zayed	04-Jun-2005	United States	North Carolina	Blude Ridge Pkwy
DIAL0294A11-IN	RP Jean	13-Apr-2001	United States	Indiana	Vigo Co.
DIAL0294A10-IN	RP Jean	01-Jul-2003	United States	Indiana	Jasper Co.
DIAL1390C02-ON	Alana Taylor		Canada	Ontario	Norfolk CO
BEE0286A05-GA	Amro Zayed	01-Jun-2005	United States	Georgia	Hwy 60
DIAL0294A09-in	RP Jean	02-Jul-2003	United States	Illinois	Kankakee Co.
DIAL0292E09-MD	SW Droege	01-Jan-2004	United States	Maryland	Garrett Co.
DIAL1845H09-BC	C. Ratti	19-Jun-2003	Canada	British Columbia	Banns
DIAL1845H07-BC	C. Ratti	01-Jun-2003	Canada	British Columbia	Fisher
DIAL0292E07-ME	HW Ikerd	20-Jun-2002	United States	Maine	Hancock Co.
DIAL1845F11-BC	C. Ratti	14-May-2003	Canada	British Columbia	Fisher
DIAL1391A03-NC	C. Sheffield	13-Aug-2006	United States	North Carolina	Grandfather Mtn.
BEE0289D05-MN	L Packer	01-Jun-2005	United States	Minnesota	Minnetonka
BEE0289D07-MN	L Packer	01-Jun-2005	United States	Minnesota	Minnetonka
DIAL1391A05-NC	C. Sheffield	13-Aug-2006	United States	North Carolina	Grandfather Mtn.
D00609G07-NS	Sheffield, Rigby &	24-Jun-2003	Canada	Nova Scotia	
DIAL1848A03-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
BEE1850G05-ME	HW Ikerd		United States	Maine	Hancock Co.
BEE0289D06-MN	L Packer	01-Jun-2005	United States	Minnesota	Minnetonka
D01561G01-MD	S.W. Droege	03-Sep-2003	United States	Maryland	
DIAL2386H03-WA			United States	Washington	
DIAL1391A06-NC	C. Sheffield	13-Aug-2006	United States	North Carolina	Grandfather Mtn.
D0287G06-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0288G10-ON	J Gibbs	17-Jun-2006	Canada	Ontario	
DIAL2386G06-BC			Canada	British Columbia	
03767G09-BC	L. McKinnon	15-May-2009	Canada	British Columbia	Cowichan Garry Oak R
06732B12-NY	L. Shapiro	18-Aug-2008	United States	New York	Suffolk Co.
DIAL2386F07-WA		09-Aug-2004	United States	Washington	
DIAL2386H05-WA			United States	Washington	
D-3253E10-OK			United States	Oklahoma	
D00607B09-KS	J. Hopwood	02-Aug-2004	United States	Kansas	Douglas Co.
DIAL1409D07-TX	HW Ikerd	27-Apr-2002	United States	Texas	Denton Co.
DIAL1409D04-TX	HW Ikerd	27-Apr-2002	United States	Texas	Denton Co.
DIAL1409E08-TX	HW Ikerd	27-Apr-2002	United States	Texas	Denton Co.
DIAL1409E10-TX	HW Ikerd	27-Apr-2002	United States	Texas	Denton Co.
DIAL1409F01-TX	HW Ikerd	27-Apr-2002	United States	Texas	Denton Co.
D00607B01-KS	J. Hopwood	09-Aug-2004	United States	Kansas	Douglas Co.
DIAL1848F12-NC	R Jackowski		United States	North Carolina	Union Co.
D01561B12-ON		09-Sep-2003	Canada	Ontario	Brock W
DIAL1848F10-ON	V MacPhail	07-Jun-2006	Canada	Ontario	Wentworth Co.
DIAL1848G01-ON	V MacPhail	07-Jun-2006	Canada	Ontario	Wentworth Co.
D01561E03-ON	V. MacPhail	07-Jun-2006	Canada	Ontario	Wentworth Co.
DIAL2374G04-UT			United States	Utah	
DIAL2388B04-UT		02-Jun-2006	United States	Utah	Washington Co.
DIAL2388C03-UT		24-May-2006	United States	Utah	Washington Co.
DIAL2386B05-NV			United States	Nevada	
DIAL2384C08-AB	Gibbs & Sheffield	13-Jun-2007	Canada	Alberta	
DIAL2374G05-UT			United States	Utah	
DIAL0294D02-IN	RP Jean	16-Jul-2003	United States	Indiana	Jasper Co.
D01560D03-IA	J. Krippel	14-Aug-2005	United States	Iowa	Allamakee Co.

D01560A07-WI	A. Wolf	23-Jul-2006	United States	Wisconsin	Avoca Co.
DIAL1409C09-ON	J Gibbs	01-Oct-2006	Canada	Ontario	Toronto
DIAL1390A09-ON	PJ Carson		Canada	Ontario	Norfolk CO
DIAL1839G05-MN	RL Andres	21-Jul-2006	United States	Minnesota	Clay Co.
D0288D03-IN	SW Droege	26-Jul-2003	United States	Indiana	Jackson Co,
DIAL1413G03-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
D0295C04-ON	J Gibbs	24-May-2006	Canada	Ontario	
DIAL1391H04-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
DIAL1849G11-MA	MF Veit	19-Jul-2006	United States	Massachusetts	Franklin Co.
DIAL1839H01-MN	RL Andres	21-Jul-2006	United States	Minnesota	Clay Co.
D0295C05-ON	J Gibbs	24-May-2006	Canada	Ontario	
D01562C02-MB	A.M. Patenaude	05-Aug-2007	Canada	Manitoba	
D01562B07-MI			United States	Michigan	
B03765D08-IA	J. Hopwood	19-Jun-2007	United States	Iowa	Story Co.
04485E09-MI		30-Jul-2009	United States	Michigan	
B03765D06-IA	J. Hopwood	01-Aug-2007	United States	Iowa	Story Co.
04485E02-MI		23-Sep-2009	United States	Michigan	
B03765D11-IA	J. Hopwood	31-Jul-2007	United States	Iowa	Story Co.
B03765E01-IA	J. Hopwood	20-Jun-2007	United States	Iowa	Story Co.
D1414G06-DC	Pascarella		United States	District of Columbia	Fairfax Co.
DIAL1846H11-DC		08-Jul-2005	United States	District of Columbia	
BEE0289A03-MN	L Packer	01-Jun-2005	United States	Minnesota	Kingsview Ln, North
DIAL1846E03-PA	SW Droege	23-Aug-2005	United States	Pennsylvania	Philadelphia Co.
D0295E03-VA	H Katki		United States	Virginia	Fairfax Co.
BEE0289A07-MN	L Packer	01-Jun-2005	United States	Minnesota	Kingsview Ln, North
DIAL0294H08-ON			Canada	Ontario	Toronto
DIAL1390F12-NC		15-Aug-2006			near Charleston
D0295C07-ON	J Gibbs		Canada	Ontario	
DIAL2387C02-ON	E Willis		Canada	Ontario	
DIAL1849H03-DC	C Osborn	16-Jul-2004	United States	District of Columbia	Washington DC
DIAL1846A05-ON	L Packer	17-Jul-2006	Canada	Ontario	
DIAL1846A07-ON	L Packer	17-Jul-2006	Canada	Ontario	
DIAL1846A02-ON	L Packer	17-Jul-2006	Canada	Ontario	
DIAL1390F08-WV		15-Aug-2006			near Charleston
DIAL1391F06-ON	J Gibbs	23-Sep-2006	Canada	Ontario	Toronto
DIAL1391G07-ON	J Gibbs	18-Aug-2006	Canada	Ontario	Toronto
DIAL1390F03-ON	Jason Gibbs		Canada	Ontario	Queen's University Biol
DIAL1846B02-ON	L Packer	17-Jul-2006	Canada	Ontario	
DIAL1846A03-ON	L Packer	17-Jul-2006	Canada	Ontario	
DIAL1409C02-ON	J Gibbs	06-Oct-2006	Canada	Ontario	Toronto
DIAL1409C03-ON	J Gibbs	06-Oct-2006	Canada	Ontario	Toronto
DIAL1409C07-ON	J Gibbs		Canada	Ontario	Toronto
DIAL1409C08-ON	J Gibbs		Canada	Ontario	Toronto
D01562C10-MB	A.M. Patenaude	09-Jun-2007	Canada	Manitoba	
DIAL1390E01-ON	E. Willis		Canada	Ontario	Toronto
DIAL1390F01-ON	Jason Gibbs		Canada	Ontario	Queen's University Biol
DIAL1390G01-NC		15-Aug-2006			near Charleston
DIAL1390F09-ON			Canada	Ontario	Queen's University Biol
DIAL1390F05-ON	Jason Gibbs		Canada	Ontario	
DIAL1391G03-ON	J Gibbs	23-Sep-2006	Canada	Ontario	Toronto
DIAL1390E03-ON	E. Willis		Canada	Ontario	Toronto
DIAL1390E06-ON	E. Willis		Canada	Ontario	Toronto
DIAL1390E07-ON	E. Willis		Canada	Ontario	Toronto
DIAL1391G05-ON	J Gibbs	23-Sep-2006	Canada	Ontario	Toronto
DIAL2387B11-ON	E Willis		Canada	Ontario	

BEE1850E08-MN	Pimm & Wagenius	17-Aug-2004	United States	Minnesota	Douglas Co.
D01561A03-IN	R. Grundel	04-May-2004	United States	Indiana	Porter Co.
DIAL1391G02-ON	J Gibbs	23-Sep-2006	Canada	Ontario	Toronto
D01560A04-WI	A. Wolf	23-Jul-2006	United States	Wisconsin	Avoca Co.
D01560B10-ON	E. Willis	04-Aug-2006	Canada	Ontario	York Co.
DIAL1849G08-WV	SW Droege	11-Jul-2005	United States	West Virginia	Hampshire Co.
DIAL2387B06-ON	E Willis	17-Aug-2006	Canada	Ontario	
D1414G04-DC	Pascarella		United States	District of Columbia	Fairfax Co.
04485F02-MI		12-Aug-2009	United States	Michigan	
DIAL1390D04-ON	E. Willis	20-Jun-2005	Canada	Ontario	Toronto
DIAL1409A02-ON	H Ngo	03-Oct-2006	Canada	Ontario	Toronto
DIAL2387C07-ON	E Willis	17-Aug-2006	Canada	Ontario	York University
DIAL1391H06-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
D-3253D06-FL			United States	Florida	
BEE0286A11-GA	Amro Zayed	02-Jun-2005	United States	Georgia	PAVO
DIAL1846F10-SC	SW Droege	07-Sep-2006	United States	South Carolina	Chesterfield Co.
DIAL1846F12-SC	SW Droege	07-Sep-2006	United States	South Carolina	Chesterfield Co.
BEE0286B08-GA	Amro Zayed	02-Jun-2005	United States	Georgia	PAVO
DIAL0294C11-IN	RP Jean	01-Aug-2001	United States	Indiana	Newton Co.
DIAL0294D01-IN	RP Jean	22-Jun-2003	United States	Indiana	Jasper Co.
DIAL2385E04-ON	PJ Carson		Canada	Ontario	
DIAL0294C12-IL	RP Jean	02-Jul-2003	United States	Illinois	Kankakee Co.
DIAL0293E02-MD	Russell, Droege	06-Jun-2001	United States	Maryland	PG Co.
DIAL0293E01-IN	RP Jean	22-May-2003	United States	Indiana	Jasper Co.
D00608G05-IN	R. Grundel	09-Aug-2004	United States	Indiana	Porter Co.
D00608G01-IN	R. Grundel		United States	Indiana	Lake Co.
D01561A09-MD	M. Gates		United States	Maryland	Calvert Co.
D01561C07-MD	M. Gates		United States	Maryland	Calvert Co.
DIAL2385C07-DE	SW Droege		United States	Delaware	
D00607F08-MA	M.F. Veit	14-Jul-2006	United States	Massachusetts	Plymouth Co.
BEE1850F05-NY	SW Droege	08-Sep-2005	United States	New York	Suffolk Co.
DIAL2385B04-NY	SW Droege	07-Sep-2005	United States	New York	
D1414H03-VA	SW Droege	30-Jun-2006	United States	Virginia	Assateague Island
DIAL2384H12-NY	SW. Droege	06-Sep-2005	United States	New York	Suffolk Co.
D01559D03-MA		21-Aug-2008	United States	Massachusetts	Parker River NWR
B04743G05-MA		30-Jul-2008	United States	Massachusetts	FRANKLIN CO.
DIAL1846G03-VA	SW Droege	30-Jun-2006	United States	Virginia	Assateague I.
D1414H12-VA	SW Droege		United States	Virginia	Assateague Island
D1414H10-VA	SW Droege		United States	Virginia	Accomack Co.
DIAL0294D09-NC	SW Droege	07-Jun-2005	United States	North Carolina	Hyde Co.
D1414C12-VA	SW Droege		United States	Virginia	Assateague Island
DIAL0294D08-NC	SW Droege	07-Jun-2005	United States	North Carolina	Hyde Co.
DIAL1413D09-FL	JA Genaro	30-Aug-2006	United States	Florida	Miami
DIAL1846G01-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague I.
DIAL1848E10-MD	SW Droege	21-Aug-2003	United States	Maryland	Dorchester Co.
DIAL1413A10-VA	SW Droege	01-Jul-2006	United States	Virginia	Accomack Co.
DIAL1413A11-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague I.
CCDB-00611 D02	J.K Tuell		United States	Michigan	Barry
04485G02-MI		25-Jun-2009	United States	Michigan	
DIAL1848D01-WI	A Wolf	24-May-2005	United States	Wisconsin	Oconto Co.
DIAL1846E08-WV	SW Droege	30-Mar-2006	United States	West Virginia	Hampshire Co.
DIAL1391D03-NC	C. Sheffield	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1391C11-NC	C. Sheffield	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
D1414H08-VA	SW Droege		United States	Virginia	Assateague Island
DIAL1413H11-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City

DIAL1391A10-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
D1414G12-VA	SW Droege		United States	Virginia	Assateague Island
DIAL1413E09-NC	J Gibbs	08-Aug-2006	United States	North Carolina	Bryson City
DIAL1413B01-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague I.
DIAL1413G07-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
D00607H10-KS	J. Hopwood	26-Jul-2004	United States	Kansas	Douglas Co.
D0288A11-MD	WE Steiner & JM	05-Sep-2005	United States	Maryland	Talbot Co.
D0288A09-WV	SW Droege		United States	West Virginia	Berkley Co.
D0287D03-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0288C02-DC	SW Droege		United States	District of Columbia	
D0287E03-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL0294A01-IN	RP Jean	24-Apr-2002	United States	Indiana	Vigo Co.
D0287F07-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287E04-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1846F05-WV	SW Droege	17-Sep-2005	United States	West Virginia	Hampshire Co.
DIAL0294A02-il	RP Jean	11-Apr-2003	United States	Illinois	Kankakee Co.
DIAL0294E08-MD	N Allen	21-Sep-2004	United States	Maryland	Pr. George's Co.
DIAL0294F06-VA			United States	Virginia	
DIAL0294E10-VA	SW Droege	08-Jun-2005	United States	Virginia	Suffolk City Co.
DIAL0294E09-MD	SW Droege	13-Apr-2005	United States	Maryland	Pr. George's Co.
DIAL0294F08-MD			United States	Maryland	
DIAL0292A09-VA	T Olivier	14-Apr-2003	United States	Virginia	Albemarle Co.
DIAL1413A01-IL	J Gibbs	25-Jun-2006	United States	Illinois	Montgomery Co.
DIAL1390G10-NC		06-Aug-2006	United States	North Carolina	Cataloochee
DIAL0294F04-VA			United States	Virginia	
DIAL1391D06-NC	C. Sheffield	10-Aug-2006	United States	North Carolina	E of Charlotte
B03765B12-MD	S.W. Droege	05-Oct-2009	United States	Maryland	Dorchester Co.
DIAL1847H08-MD	M Ibrahim	30-Sep-2003	United States	Maryland	Prince George's Co,
DIAL1391G09-MI	Colla & Willis	21-Sep-2006	United States	Michigan	St. Clair
DIAL1413H08-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL0293C02-NC	R Jackowski	01-Oct-2003	United States	North Carolina	Union Co.
DIAL0292A08-VA	D Smith	24-Apr-2003	United States	Virginia	Albemarle Co.
DIAL1413A04-IL	J Gibbs	25-Jun-2006	United States	Illinois	Montgomery Co.
DIAL1413A06-IL	J Gibbs	25-Jun-2006	United States	Illinois	Montgomery Co.
DIAL1413G05-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL1391E03-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1413B08-IL	C. Sheffield	25-Jun-2006	United States	Illinois	Litchfield
DIAL1846E12-SC	SW Droege	07-Sep-2006	United States	South Carolina	C. Sandhills NWR
DIAL1846B01-TN	C Sheffield	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
DIAL1846A11-NC	C Sheffield	07-Aug-2006	United States	North Carolina	
DIAL1846E05-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1413H03-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL1413C04-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
D0287F02-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1413F02-TN	J Gibbs	08-Aug-2006	United States	Tennessee	near Gatlinburg
D0288C08-DC	S Rudy		United States	District of Columbia	
DIAL1413C08-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
DIAL1413C05-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
DIAL1413B02-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague I.
DIAL1413C06-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
DIAL1391G08-MI	Colla & Willis	21-Sep-2006	United States	Michigan	St. Clair
DIAL1413C11-NC	J Gibbs	10-Aug-2006	United States	North Carolina	
D0287G01-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1413B09-IL	C. Sheffield	25-Jun-2006	United States	Illinois	Litchfield
DIAL1413C01-IL	Gibbs & Sheffield	25-Jun-2006	United States	Illinois	Macoupin Co.

DIAL1413F12-TN	J Gibbs	08-Aug-2006	United States	Tennessee	near Gatlinburg
DIAL1413D05-SC	C. Sheffield	09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1413C09-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
D0287G04-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287G02-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287G08-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL2385D05-NC	MF Veit	08-Jul-2006	United States	North Carolina	
DIAL1413C02-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
DIAL1413C03-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
D0287G07-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287G12-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287H09-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1413A03-IL	J Gibbs	25-Jun-2006	United States	Illinois	Montgomery Co.
D0287C11-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287C09-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287D02-MI	J Gibbs & C Sheffi	27-Jun-2006	United States	Michigan	Eaton
D0287D06-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
B03765B08-MD	S.W. Droege	05-Oct-2009	United States	Maryland	Dorchester Co.
D-3253C08-NM	K. Wetherill		United States	New Mexico	
DIAL2374A05-UT			United States	Utah	
DIAL2387C12-TX	HW Ikerd	27-Apr-2002	United States	Texas	Denton Co.
DIAL2374C06-UT			United States	Utah	
DIAL2374A06-UT			United States	Utah	
DIAL1849C11-CO	Kearns & Oliveras	07-Jul-2004	United States	Colorado	Boulder Co.
DIAL1409B10-TX	L Packer	15-May-2003	United States	Texas	Lasalle Co.
DIAL1409E06-TX	HW Ikerd	27-Apr-2002	United States	Texas	Denton Co.
DIAL2387B03-NM	Gibbs & Sheffield	10-Aug-2007	United States	New Mexico	Chaves Co.
DIAL2386H10-UT			United States	Utah	
D-3253D03-NM	K. Wetherill		United States	New Mexico	
DIAL2374F08-UT	B Hays	02-May-2006	United States	Utah	Washington Co.
DIAL2388D11-NM	J. Gibbs	23-Aug-2007	United States	New Mexico	Hidalgo Co.
DIAL2386F01-NV			United States	Nevada	
D00608D11-NM	K. Wetherill	19-Oct-2004	United States	New Mexico	Socorro Co.
DIAL2374F09-UT			United States	Utah	
DIAL2386D09-UT			United States	Utah	
DIAL1849E03-AZ	RL Minckley	05-Jul-2001	United States	Arizona	Cochise Co.
DIAL2388E03-NM	J. Gibbs	23-Aug-2007	United States	New Mexico	Hidalgo Co.
DIAL2388B11-UT	J Wilson	06-May-2002	United States	Utah	Garfield Co.
B-3252H08-NV		05-Feb-2004	United States	Nevada	Clark Co.
DIAL2374A07-UT	O. Messinger	17-May-2002	United States	Utah	Kane Co.
D00608H06-NV	E. Ahlstrom	24-Aug-2004	United States	Nevada	
DIAL1413F04-TN	J Gibbs	08-Aug-2006	United States	Tennessee	near Gatlinburg
DIAL1390H04-SC		09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1847H11-MD	S Aclander	09-Sep-2005	United States	Maryland	Prince George's Co,
D1414B02-NC	J Gibbs		United States	North Carolina	
DIAL1413G06-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL1845B07-CA	L. Fuerst		United States	California	Tuolumne Co.
DIAL1845A06-CA	Briggs, Stephens		United States	California	Mariposa Co.
DIAL1845B01-CA	Fuerst, Gibbs, Ste		United States	California	Mariposa Co.
DIAL1845C02-CA	E. Stephens		United States	California	Mariposa Co.
D00608H09-OR	Gibbs & Sheffield	06-Jul-2007	United States	Oregon	Baker Co.
D00607H02-CA	S.W. Droege	01-Jun-2008	United States	California	Santa Monica Mtns.
D00607D09-CA	S.W. Droege	31-May-2008	United States	California	Santa Monica Mtns.
D00607F10-CA	S.W. Droege	30-May-2008	United States	California	Los Angeles Co.
D01559D12-BC	LR Best	16-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen

D-3253F09-KY		26-Jul-2007	United States	Kentucky	
D0288F05-SC	SW Droege		United States	South Carolina	Chesterfield Co
D0287D12-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287F08-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1846G12-SC	SW Droege	06-Sep-2006	United States	South Carolina	C. Sandhills NWR
D0287F05-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1413H01-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
D0287H02-IL	J Gibbs & C Sheffi		United States	Illinois	Montgomery Co.
DIAL1391D05-NC	C. Sheffield	10-Aug-2006	United States	North Carolina	E of Charlotte
DIAL1409B08-VA	J Gibbs	14-Aug-2006	United States	Virginia	Mount Rogers
DIAL1409B09-VA	J Gibbs	14-Aug-2006	United States	Virginia	Mount Rogers
DIAL1413C10-NC	J Gibbs	10-Aug-2006	United States	North Carolina	
DIAL1413B07-IL	C. Sheffield	25-Jun-2006	United States	Illinois	Litchfield
DIAL1413D02-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
DIAL1391E06-SC	J Gibbs	09-Aug-2006	United States	South Carolina	S of Anderson
D0288G07-NC	SW Droege		United States	North Carolina	Richmond Co.
DIAL1413G02-TN	J Gibbs	08-Aug-2006	United States	Tennessee	near Gatlinburg
D0287F03-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1390G08-NC		06-Aug-2006	United States	North Carolina	Cataloochee
DIAL1413G01-TN	J Gibbs	08-Aug-2006	United States	Tennessee	near Gatlinburg
D0287C06-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1391F08-ON	J Gibbs	23-Sep-2006	Canada	Ontario	Toronto
DIAL1413H06-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL1391F02-NC	C. Sheffield	10-Aug-2006	United States	North Carolina	E of Charlotte
DIAL1391B02-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1849G10-MA	MF Veit	19-Jul-2006	United States	Massachusetts	Berkshire Co.
D-3253A10-BC	E. Elle		Canada	British Columbia	
D-3253A04-BC	E. Elle		Canada	British Columbia	
DIAL2388B03-UT		14-May-1997	United States	Utah	Tooele Co.
DIAL1847G08-OR	E Soderholm	13-Aug-2005	United States	Oregon	Douglas Co.
DIAL1409D08-OR	E Solderholm	13-Aug-2005	United States	Oregon	Douglas Co.
DIAL1847G09-OR	E Soderholm	13-Aug-2005	United States	Oregon	Douglas Co.
DIAL1847G11-OR	E Soderholm	13-Aug-2005	United States	Oregon	Douglas Co.
D00608A10-CA	S.W. Droege	31-May-2008	United States	California	Santa Monica Mtns.
DIAL2386H12-UT			United States	Utah	
DIAL2386H02-WA	Gibbs & Sheffield	29-May-2007	United States	Washington	Garfield Co.
D00607D10-CA	S.W. Droege	31-May-2008	United States	California	Santa Monica Mtns.
D00607D07-CA	S.W. Droege	30-May-2008	United States	California	Los Angeles Co.
DIAL2386D03-UT			United States	Utah	
DIAL2386D05-UT			United States	Utah	
06717H07-MA	J. Milam	08-Oct-2008	United States	Massachusetts	Franklin Co.
DIAL2385D09-WV	SW Droege	11-Jul-2002	United States	West Virginia	
D01560D09-IA	C. Owens	18-Jul-2005	United States	Iowa	Allamakee Co.
B03751H11-MA	J. Milam	08-Oct-2008	United States	Massachusetts	Franklin Co.
D01560E05-IA	C. Hemsley	20-May-2004	United States	Iowa	Emmet Co
B03750B04-MA	J. Milam	02-May-2008	United States	Massachusetts	Franklin Co.
B04743H04-MA		08-Oct-2008	United States	Massachusetts	FRANKLIN CO.
06735G03-MA	J. Milam	20-Oct-2009	United States	Massachusetts	Franklin Co.
D-3253B07-BC	E. Elle		Canada	British Columbia	
D-3253A07-BC	E. Elle		Canada	British Columbia	
D-3253B05-BC	E. Elle		Canada	British Columbia	
D-3253C02-BC	E. Elle		Canada	British Columbia	
DIAL1845C08-CA	Briggs, Stephens		United States	California	Mariposa Co.
D-3253B09-BC	E. Elle	01-May-2005	Canada	British Columbia	
DIAL1845C07-CA	H. Briggs	16-Jun-2005	United States	California	Mariposa Co.

D0295F03-CO	SW Droege		United States	Colorado	Larimer Co.
D-3253A03-BC	E. Elle		Canada	British Columbia	
D00608D06-BC	E. Elle	01-May-2005	Canada	British Columbia	District of Saanich
D00608E08-BC	E. Elle	28-Jun-2005	Canada	British Columbia	
D00608D08-BC	E. Elle	30-May-2005	Canada	British Columbia	Sooke Potholes Prov. P
D00607C01-CO	S.W. Droege	11-May-2004	United States	Colorado	Jackson Co.
DIAL1845G08-BC	C. Ratti	26-May-2003	Canada	British Columbia	Surrey
DIAL2374E06-WA			United States	Washington	
DIAL1409C10-OR	E Solderholm	13-Aug-2005	United States	Oregon	Douglas Co.
DIAL1845F09-BC	C. Ratti	14-May-2003	Canada	British Columbia	Fisher
DIAL1845D07-CA	Stephens, Ikerd		United States	California	Tuolumne Co.
DIAL1845D06-CA	Fuerst, Briggs		United States	California	Tuolumne Co.
DIAL1845D11-CA	H. Briggs & L. Fue		United States	California	Tuolumne Co.
DIAL1845E04-CA	Fuerst, Briggs		United States	California	Tuolumne Co.
DIAL1845F03-BC	C. Ratti	14-May-2003	Canada	British Columbia	Surrey
DIAL1845G05-BC	C. Ratti	14-May-2003	Canada	British Columbia	Fisher
03767G11-BC	E.Elle	14-May-2009	Canada	British Columbia	Cowichan Garry Oak R
DIAL2387E11-BC	C Ratti	23-Apr-2004	Canada	British Columbia	
DIAL2387F03-BC	C Ratti	07-May-2004	Canada	British Columbia	
DIAL2387A05-ID	Gibbs & Sheffield	23-Jun-2007	United States	Idaho	
DIAL2386A05-CA		13-Aug-2004	United States	California	
D00608D10-BC	E. Elle	20-Jun-2005	Canada	British Columbia	Sooke Potholes Prov. P
DIAL2386G12-ID	Gibbs & Sheffield	28-May-2007	United States	Idaho	Valley County
D00608C09-CO	S.W. Droege	12-May-2004	United States	Colorado	Jackson CO.
D00608C02-CO	S.W. Droege	11-May-2004	United States	Colorado	Larimer Co.
D00608F04-BC	E. Elle	27-Apr-2005	Canada	British Columbia	
D01562A04-MT	S.W. Droege	22-Jun-2008	United States	Montana	Park Co.
D0295H06-CO	SW Droege		United States	Colorado	Jackson Co.
B03765E10-BC	L.R. Best	02-Aug-2009	Canada	British Columbia	Kootenay Boundary
D-3253C01-BC	E. Elle		Canada	British Columbia	
DIAL2385E08-MD	SW Droege		United States	Maryland	
DIAL1848H12-PE	V MacPhail	07-Jul-2006	Canada	Prince Edward Island	Queens Co.
DIAL1845H05-BC	C. Ratti	04-Jul-2003	Canada	British Columbia	Edwards
D-3253A02-BC	E. Elle		Canada	British Columbia	
D00609G06-NS	Sheffield, Rigby &	08-Jul-2003	Canada	Nova Scotia	
DIAL0294F05-MD			United States	Maryland	
DIAL0294H11-NB			Canada	New Brunswick	
D00607G08-BC		07-Aug-2001	Canada	British Columbia	
DIAL1846A08-NC	C Sheffield	07-Aug-2006	United States	North Carolina	
DIAL1845H08-BC	C. Ratti	03-Jul-2003	Canada	British Columbia	Bauk
DIAL1845F08-BC	C. Ratti	13-May-2003	Canada	British Columbia	Randowa
DIAL1391B11-NC	C. Sheffield	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
D00609G04-NS	C. Sheffield	29-May-2002	Canada	Nova Scotia	
DIAL1848D05-NS	C Sheffield	29-May-2002	Canada	Nova Scotia	Kings Co.
DIAL1409H12-ON	E Willis	06-Jun-2006	Canada	Ontario	Toronto
DIAL1845H02-BC	C. Ratti	23-Apr-2004	Canada	British Columbia	Bissett
DIAL1845G01-BC	C. Ratti	12-Jul-2003	Canada	British Columbia	Edwards
DIAL1845G02-BC	C. Ratti	13-May-2003	Canada	British Columbia	Randowa
DIAL1845F04-BC	C. Ratti	31-May-2003	Canada	British Columbia	Beckmann
DIAL1409B05-NC	J Gibbs	13-Aug-2006	United States	North Carolina	Grandfather Mtn.
DIAL1845F06-BC	C. Ratti	13-May-2003	Canada	British Columbia	Randowa
DIAL1845F07-BC	C. Ratti	08-Jul-2003	Canada	British Columbia	Edwards
DIAL1413E07-NC	J Gibbs	07-Aug-2006	United States	North Carolina	Highlands
DIAL1848F09-PE	V MacPhail	06-Jul-2006	Canada	Prince Edward Island	Queens Co.
DIAL1848A05-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.

DIAL1848A06-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
DIAL1848G06-PE	V MacPhail	08-Jul-2006	Canada	Prince Edward Island	Queens Co.
DIAL1849H06-ME	MF Veit	16-Aug-2006	United States	Maine	Aroostock Co.
DIAL2388D05-CO	J. Gibbs		United States	Colorado	
D01562D02-ON	E. Proctor	11-Jul-2007	Canada	Ontario	
D00607A05-AB	Gibbs & Sheffield	02-Sep-2007	Canada	Alberta	
D00607C10-AB	Gibbs & Sheffield	02-Sep-2007	Canada	Alberta	Hwy 21
D00607C09-AB	Gibbs & Sheffield	02-Sep-2007	Canada	Alberta	Hwy 21
DIAL1391A07-NC	C. Sheffield	13-Aug-2006	United States	North Carolina	Grandfather Mtn.
D0295B10-ON	J Gibbs		Canada	Ontario	
D0295C01-ON	J Gibbs		Canada	Ontario	
DIAL1391C02-NC	J Gibbs	04-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1391B03-OH	J Gibbs	16-Aug-2006	United States	Ohio	near Cuyahoga Valley NP
DIAL1391C01-NC	J Gibbs	04-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL2388D04-CO	J. Gibbs		United States	Colorado	
06745E10-ON	L. Packer	30-May-2010	Canada	Ontario	York University, Keele C
DIAL1413E02-FL	JA Genaro	31-Aug-2006	United States	Florida	Miami
DIAL1413E04-FL	JA Genaro	31-Aug-2006	United States	Florida	Miami
DIAL1413E06-FL	JA Genaro	31-Aug-2006	United States	Florida	Miami
04485F04-MI	H. Gordon	09-Jul-2009	United States	Michigan	St. Joseph Co.
04485F08-MI	H. Gordon	06-Jun-2009	United States	Michigan	St. Joseph Co.
04485E08-MI		22-Jul-2009	United States	Michigan	
DIAL1848C01-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
04485F09-MI	H. Gordon	27-Jun-2009	United States	Michigan	St. Joseph Co.
04485F11-MI		28-Jul-2009	United States	Michigan	
04485H06-MI		24-Jun-2009	United States	Michigan	
DIAL1846A04-ON	L Packer	17-Jul-2006	Canada	Ontario	
04485H04-MI		19-Aug-2009	United States	Michigan	
DIAL1848B11-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
D00609G02-NS	Sheffield & Rigby	21-Jul-2003	Canada	Nova Scotia	
D00609H09-NS	C. Sheffield	17-May-2003	Canada	Nova Scotia	
DIAL1845E03-TX	Abbott, Caesar	12-May-2000	United States	Texas	Bastrop Co.
DIAL1846D07-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1846F11-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1391A11-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL2385E07-WV	SW Droege	14-Jul-2003	United States	West Virginia	
BEE0289B05-MN	L Packer		United States	Minnesota	St. Paul
DIAL0286H09-MB	A. M. Patenaude	06-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286H04-MB	A. M. Patenaude	25-Jul-2005	Canada	Manitoba	YellowQuill Mxd.
D0295B08-ON	J Gibbs		Canada	Ontario	
DIAL1390C12-ON	Alana Taylor		Canada	Ontario	Huron ON
DIAL0292H06-WV	SW Droege	24-May-2003	United States	West Virginia	Hampshire Co.
DIAL1839G07-MN		10-Jun-2005	United States	Minnesota	Clay Co.
06732C04-WV	J. Whitaker	11-May-2009	United States	West Virginia	Pendleton Co.
D00607B07-KS	J. Hopwood	14-Jun-2005	United States	Kansas	Franklin Co.
DIAL1409B01-NC	J Gibbs	13-Aug-2006	United States	North Carolina	Grandfather Mtn.
DIAL1390C07-ON	PJ Carson		Canada	Ontario	Norfolk CO
DIAL1390C04-ON	PJ Carson		Canada	Ontario	Norfolk CO
DIAL0286H06-MB	A. M. Patenaude	06-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL1846B05-MD	K Hutson	22-Sep-2006	United States	Maryland	Prince Georges Co.
DIAL1847H12-MD	R Walker	10-Sep-2005	United States	Maryland	Prince George's Co,
DIAL2388E04-AL		31-May-2007	United States	Alabama	Clay Co.
DIAL1846H04-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1846E02-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1846E09-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.

DIAL1846E06-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1846D05-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL2387F06-TX			United States	Texas	
D0288F08-NC	SW Droege	19-May-2006	United States	North Carolina	Richmond Co.
BEE0286B09-GA	Amro Zayed	02-Jun-2005	United States	Georgia	PAVO
D0288F10-SC	SW Droege		United States	South Carolina	Chesterfield Co
D01559E03-BC	LR Best	25-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D01559F06-BC	LR Best	27-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D00608B10-BC	E. Elle	28-Jun-2005	Canada	British Columbia	
D00608D04-BC	E. Elle	26-Jul-2005	Canada	British Columbia	Elk Falls Prov. Pk.
D00609H07-BC	E. Elle	12-Jun-2005	Canada	British Columbia	
D00609H03-BC	E. Elle	25-Jun-2005	Canada	British Columbia	
D00609H05-BC	E. Elle	13-Jul-2005	Canada	British Columbia	
DIAL2388B05-WA	J. Wilson	09-Aug-2004	United States	Washington	Okanagan
D01561E05-CA	H.W. Ikerd	03-Aug-2005	United States	California	Mariposa Co.
CCDB - 01565 H3	LR Best	16-Jul-2008	Canada	British Columbia	Okanagan - Similkamee
CCDB - 01565 H8	LR Best	13-Jul-2008	Canada	British Columbia	Okanagan - Similkamee
D1414C03-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague Island
DIAL1846D08-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague I.
DIAL1848C05-MD		18-Jul-2006	United States	Maryland	Worchester Co.
D1414D08-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague Island
D1414C06-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague Island
D1414C05-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague Island
D1414C04-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague Island
D01561E08-NY	S.W. Droege	08-Sep-2005	United States	New York	Suffolk Co.
DIAL1849F05-DC	E Keto	18-Oct-2004	United States	District of Columbia	
DIAL1409B02-NC	J Gibbs	13-Aug-2006	United States	North Carolina	Grandfather Mtn.
DIAL1409A01-ON	H Ngo		Canada	Ontario	Toronto
D-3253E12-FL			United States	Florida	
D-3253E02-FL			United States	Florida	
D01559A03-FL	SW Droege	04-Jun-2007	United States	Florida	Martin Co.
D01561H08-FL	S.W. Droege	04-Jun-2007	United States	Florida	
D01559D09-FL	SW Droege	04-Jun-2007	United States	Florida	Martin Co.
D01562D03-FL	S.W. Droege	04-Jun-2007	United States	Florida	Martin Co.
D-3253B01-BC	E. Elle		Canada	British Columbia	
D-3253A05-BC	E. Elle		Canada	British Columbia	
D-3253B10-BC	E. Elle		Canada	British Columbia	
D-3253B11-BC	E. Elle		Canada	British Columbia	
D-3253B08-BC	E. Elle		Canada	British Columbia	
D-3262G02-UT	L. Packer	23-Jun-1999	United States	Utah	kane co.
D-3253A08-BC	E. Elle		Canada	British Columbia	
DIAL1845C12-CA	Ikerd, Stephens		United States	California	Mariposa Co.
DIAL1845D10-CA	Stephens & Briggs		United States	California	Mariposa Co.
DIAL2387E12-BC	C Ratti	05-Jul-2003	Canada	British Columbia	
D00607F07-CA	S.W. Droege	31-May-2008	United States	California	Los Angeles Co.
BEE1850F04-OR	L Packer	27-Jul-2001	United States	Oregon	Lane Co.
D00607G10-BC		22-May-2001	Canada	British Columbia	
DIAL2386C03-CA			United States	California	
DIAL2374A11-UT		07-Sep-2000	United States	Utah	Kane Co.
DIAL2386D08-UT			United States	Utah	
DIAL2386D06-UT			United States	Utah	
DIAL2386C04-CA			United States	California	
D01559E12-BC	LR Best	16-Aug-2008	Canada	British Columbia	Thompson-Nicola
DIAL2374D09-UT			United States	Utah	
DIAL2374E11-WA			United States	Washington	

06732F01-WY	J. Rykken	28-Aug-2009	United States	Wyoming	Park Co.
DIAL2385C01-MD	SW Droegge		United States	Maryland	
DIAL1849G01-ME	MF Veit	18-Aug-2006	United States	Maine	Aroostock Co.
04485A08-MD		09-Jul-2007	United States	Maryland	Ann Arundel Co.
D00609G08-NS	Jansen, Sheffield	25-Jun-2003	Canada	Nova Scotia	Kings Co.
DIAL1849F12-MA	MF Veit	28-May-2006	United States	Massachusetts	Middlesex Co.
DIAL1848F03-ON	V MacPhail	07-Jun-2006	Canada	Ontario	Wentworth Co.
D01560B11-VT	M.F. Veit	28-Jul-2006	United States	Vermont	Lamoille Co.
DIAL1848F05-PE	V MacPhail	07-Jul-2006	Canada	Prince Edward Island	Queens Co.
D0288B10-NC	SW Droegge		United States	North Carolina	Moore Co.
D1414C10-VA	SW Droegge		United States	Virginia	Assateague Island
D1414C09-VA	SW Droegge		United States	Virginia	Assateague Island
D-3253F11-FL			United States	Florida	
D1414F02-NC			United States	North Carolina	Kill Devil Hills
D1414E12-NC			United States	North Carolina	Kill Devil Hills
D1414E11-NC			United States	North Carolina	Kill Devil Hills
D0288C03-SC	SW Droegge		United States	South Carolina	Chesterfield Co
D1414C08-VA	SW Droegge		United States	Virginia	Assateague Island
D0288B11-NC	SW Droegge		United States	North Carolina	Moore Co.
DIAL1846D11-MS	SW Droegge	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1849F03-NC	E Soderholm	13-Jul-2006	United States	North Carolina	Dare Co.
D1414D09-VA	SW Droegge		United States	Virginia	Assateague Island
B03765B03-VA	W. Schmitz	09-Aug-2008	United States	Virginia	Accomack Co.
D0288C11-SC	SW Droegge		United States	South Carolina	Chesterfield Co
D1414F05-NC			United States	North Carolina	Kill Devil Hills
D1414C07-VA	SW Droegge		United States	Virginia	Accomack Co.
D0295D12-MD	SW Droegge		United States	Maryland	Montgomery Co.
D1414B06-VA	SW Droegge		United States	Virginia	Assateague Island
DIAL0293B05-MD	HW Ikerd	31-Jul-2002	United States	Maryland	Pr. George's Co.
D1414B07-VA	SW Droegge		United States	Virginia	Assateague Island
D00607D12-MA	M.F. Veit	21-Jul-2006	United States	Massachusetts	Worcester Co.
D00608F12-IN	R. Grundel	31-Aug-2004	United States	Indiana	Porter Co.
D1414B08-VA	SW Droegge		United States	Virginia	Assateague Island
D1414E01-VA	SW Droegge		United States	Virginia	Assateague Island
D1414B09-VA	SW Droegge		United States	Virginia	Assateague Island
DIAL1849G02-MA	MF Veit	05-Aug-2006	United States	Massachusetts	Middlesex Co.
DIAL1413E12-TN	J Gibbs	08-Aug-2006	United States	Tennessee	near Gatlinburg
DIAL0294F11-VA			United States	Virginia	
DIAL1847B03-WV		30-Jul-2005	United States	West Virginia	Hampshire Co.
DIAL1848C11-NY	Fetridge	21-Jul-2005	United States	New York	Westchester co.
D0295E06-MD	SW Droegge		United States	Maryland	Montgomery Co.
DIAL1846B08-WV		07-Aug-2006	United States	West Virginia	Hampshire Co.
BEE0286D09-VA	Amro Zayed	06-Jun-2005	United States	Virginia	KOA
DIAL1391A04-NC	C. Sheffield	13-Aug-2006	United States	North Carolina	Grandfather Mtn.
DIAL1390G11-NC		06-Aug-2006	United States	North Carolina	Cataloochee
DIAL1849H08-VT	MF Veit	28-Jul-2006	United States	Vermont	Lamoille Co.
DIAL2385B03-MB		12-Jun-2007	Canada	Manitoba	
DIAL2387F09-NM	Gibbs & Sheffield		United States	New Mexico	
DIAL2387H11-NM	Gibbs & Sheffield	06-Aug-2007	United States	New Mexico	Colfax Co.
D0287A11-CO	SW Droegge		United States	Colorado	Larimer Co.
DIAL2385A10-MB		12-Jun-2007	Canada	Manitoba	
D0295G05-CO	SW Droegge		United States	Colorado	Larimer Co.
DIAL2385A04-CO	SW Droegge	11-May-2004	United States	Colorado	
D0287B11-CO	SW Droegge		United States	Colorado	Larimer Co.
D01561B01-MT	Gibbs & Sheffield		United States	Montana	

06732F09-WY	J. Rykken	28-Aug-2009	United States	Wyoming	Park Co.
D0295G10-CO	SW Droege	12-May-2004	United States	Colorado	Larimer Co.
DIAL1390C09-ON	PJ Carson		Canada	Ontario	Norfolk CO
DIAL1849G09-MA	MF Veit	05-Aug-2006	United States	Massachusetts	Middlesex Co.
DIAL1409A06-NC	J Gibbs	13-Aug-2006	United States	North Carolina	near Jefferson
DIAL1409A11-NC	J Gibbs	13-Aug-2006	United States	North Carolina	near Jefferson
DIAL1845G06-BC	C. Ratti	04-Jun-2003	Canada	British Columbia	Surrey
DIAL1845H10-BC	C. Ratti	18-Jun-2004	Canada	British Columbia	Bauck
DIAL1845G04-BC	C. Ratti	13-May-2003	Canada	British Columbia	Randowa
DIAL1845F05-BC	C. Ratti	14-May-2003	Canada	British Columbia	Surrey
DIAL1845H03-BC	C. Ratti	12-May-2003	Canada	British Columbia	Bissett
DIAL1845H11-BC	C. Ratti	01-Jul-2003	Canada	British Columbia	Hopcott
D00608G06-BC	E. Elle	11-May-2005	Canada	British Columbia	Cowichan River Prov. P
DIAL1845H12-BC	C. Ratti	09-Apr-2004	Canada	British Columbia	Fisher
DIAL1845G03-BC	C. Ratti	16-May-2003	Canada	British Columbia	Randowa
DIAL1845G07-BC	C. Ratti	22-May-2003	Canada	British Columbia	Beckmann
DIAL1845G12-BC	C. Ratti	25-May-2003	Canada	British Columbia	Onnink
DIAL1845F12-BC	C. Ratti	19-May-2003	Canada	British Columbia	Beckmann
DIAL1845F10-BC	C. Ratti	14-May-2003	Canada	British Columbia	Surrey
DIAL1845F02-BC	C. Ratti	20-May-2003	Canada	British Columbia	Surrey
DIAL1845G09-BC	C. Ratti	22-May-2003	Canada	British Columbia	Beckmann
DIAL1845G10-BC	C. Ratti	31-May-2003	Canada	British Columbia	Randowa
DIAL1845G11-BC	C. Ratti	14-May-2003	Canada	British Columbia	Fisher
DIAL2387H05-CO	Gibbs & Sheffield	15-Aug-2007	United States	Colorado	Gilpin Co.
B03765E05-BC	L.R. Best	03-May-2009	Canada	British Columbia	Okanagan-Similkameer
CCDB-00611 H09-C	Gibbs and Sheffield	01-Jul-2007	United States	Oregon	Lane co.
D01559D04-AB	Gibbs & Sheffield	13-Jun-2007	Canada	Alberta	Cypress Co.
DIAL2385A08-SK		04-Jun-2007	Canada	Saskatchewan	
D01559G01-AB	Gibbs & Sheffield	13-Jun-2007	Canada	Alberta	Cypress Co.
DIAL2385B02-SK		04-Jun-2007	Canada	Saskatchewan	
DIAL0293B11-WV	SW Droege	30-May-2004	United States	West Virginia	Hampshire Co.
DIAL1413A02-IL	J Gibbs	25-Jun-2006	United States	Illinois	Montgomery Co.
DIAL1409A08-NC	J Gibbs	13-Aug-2006	United States	North Carolina	near Jefferson
DIAL1390E09-ON	E. Willis	28-Jun-2005	Canada	Ontario	Toronto
DIAL1413B05-IL	C. Sheffield	25-Jun-2006	United States	Illinois	Dwight
D00609C03-WI	A. Wolf	23-Jul-2006	United States	Wisconsin	
D01560C09-IA	D. Christensen	18-Jun-2005	United States	Iowa	Allamakee Co.
CCDB-01557 B01	Green	20-Jul-2007	United States	Tennessee	Rutherford
DIAL1390D01-NT	A. Gunn		Canada	Northwest Territories	Yellowknife
DIAL1390C10-NT	A. Gunn	30-Jun-2005	Canada	Northwest Territories	Yellowknife
DIAL2384B09-YT	J. Taylor	22-Jul-1992	Canada	Yukon Territory	
D0295F10-CO	SW Droege		United States	Colorado	Larimer Co.
DIAL0286G05-MB	A. M. Patenaude	06-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286G06-MB	A. M. Patenaude	01-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0293B09-IN	RP Jean	01-Jul-2003	United States	Indiana	Jasper Co.
D00609H10-NS	Sheffield & Rigby	03-Jul-2002	Canada	Nova Scotia	
DIAL0286G07-MB	A. M. Patenaude	15-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286G03-MB	A. M. Patenaude	20-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
D01561B02-MT	Gibbs & Sheffield		United States	Montana	
D0287A03-CO	SW Droege		United States	Colorado	Larimer Co.
DIAL0286G10-MB	A. M. Patenaude	20-Jul-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286G09-MB	A. M. Patenaude	22-Aug-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286G04-MB	A. M. Patenaude	20-Jul-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286H03-MB	A. M. Patenaude	11-Sep-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0293C07-MN	SW Droege	10-Jul-2001	United States	Minnesota	Sher Co.

DIAL0293C08-MN	SW Droege	10-Jul-2001	United States	Minnesota	Sher Co.
DIAL0293C06-MN	SW Droege	10-Jul-2001	United States	Minnesota	Sher Co.
DIAL0294C01-IN	RP Jean	30-Jul-2003	United States	Indiana	Newton Co.
DIAL0293C05-MN	SW Droege	10-Jul-2001	United States	Minnesota	Sher Co.
DIAL0286F07-MB	A. M. Patenaude	16-Aug-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286F08-MB	A. M. Patenaude	15-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286F06-MB	A. M. Patenaude	20-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL2385B11-MI	SW Droege	18-Aug-2003	United States	Michigan	
D00609B09-WI	A. Wolf	23-Jul-2006	United States	Wisconsin	
D1414D12-VA	SW Droege		United States	Virginia	Assateague Island
DIAL1391D02-NC	C. Sheffield	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL0294F12-NY			United States	New York	
DIAL1390B05-ON	PJ Carson		Canada	Ontario	Norfolk CO
04485G12-MI		30-Jul-2009	United States	Michigan	
DIAL1846A06-ON	L Packer	17-Jul-2006	Canada	Ontario	
DIAL1847H06-MD	S Kolski	20-Aug-2004	United States	Maryland	Prince George's Co,
DIAL1391A01-VA	C. Sheffield	14-Aug-2006	United States	Virginia	5miles S of Elk Creek
DIAL1413C07-TN	J Gibbs	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
04485F01-MI		22-Jul-2009	United States	Michigan	
DIAL1409A05-NC	J Gibbs	14-Aug-2006	United States	North Carolina	N of Doughton Park
DIAL1413A08-VA	SW Droege	01-Jul-2006	United States	Virginia	Assateague I.
DIAL1390H05-NC		14-Aug-2006	United States	North Carolina	N of Doughton Park
DIAL1413F05-TN	J Gibbs	08-Aug-2006	United States	Tennessee	near Gatlinburg
DIAL1413D03-NC	J Gibbs	07-Aug-2006	United States	North Carolina	Junaluska Meadow
DIAL1413B04-ON	S Paiero	14-Jul-2001	Canada	Ontario	Haldimand-Norfolk
BEE1850F06-MN	Pimm & Wagenius	16-Jul-2004	United States	Minnesota	Douglas Co.
DIAL1391C12-NC	C. Sheffield	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
D00607G06-BC		11-Jul-2002	Canada	British Columbia	
DIAL0294H10-NB			Canada	New Brunswick	
DIAL1848A02-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
DIAL1848G02-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
DIAL1848A01-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
DIAL2388E07-NB	M. Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
DIAL1391F05-NT	Sheffield & A Guni	21-Jun-2005	Canada	Northwest Territories	Fort Providence
CCDB-00611 F10-CA	A. Taylor	23-Jun-2007	Canada	Ontario	Lambton
D01560D11-DC	E. Keto	07-Oct-2004	United States	District of Columbia	Washington DC
DIAL2385C11-DC		18-Oct-2004	United States	District of Columbia	
DIAL1413D08-NC	J Gibbs	07-Aug-2006	United States	North Carolina	Junaluska Meadow
DIAL0293D07-WV	S Droege	07-Apr-1999	United States	West Virginia	Jackson Co.
DIAL0293D03-MD	N Allen	22-Aug-2004	United States	Maryland	Pr. George's Co.
DIAL1849H02-DC	E Keto	18-Oct-2004	United States	District of Columbia	Washington DC
DIAL1847H09-MD	SW Droege	03-Sep-2003	United States	Maryland	
DIAL1848E09-MD	SW Droege	02-Apr-2002	United States	Maryland	Anne Arundel Co.
D01560B02-DC	E. Keto	07-Oct-2004	United States	District of Columbia	Washington DC
D01560B05-DC	E. Keto	07-Oct-2004	United States	District of Columbia	Washington DC
DIAL1849F08-MD	Riegel & Walk	19-Apr-2006	United States	Maryland	Pr. George's Co.
D00609E03-MT	Gibbs & Sheffield	21-Jun-2007	United States	Montana	
D0295H01-CO	SW Droege		United States	Colorado	Jackson Co.
D01559F01-AB	LR Best	07-Aug-2008	Canada	British Columbia	Okanagan-Smilkameen
DIAL2386G09-WA			United States	Washington	
D0295G03-CO	SW Droege		United States	Colorado	Jackson Co.
DIAL2384C05-AB	Gibbs & Sheffield	11-Jun-2007	Canada	Alberta	
DIAL1848F01-CO	SW Droege	12-May-2005	United States	Colorado	Jackson Co.
D01559C10-AB	Gibbs & Sheffield	13-Jun-2007	Canada	Alberta	Cypress Co.
DIAL2386H04-WA			United States	Washington	

D0295G01-CO	SW Droegge		United States	Colorado	Jackson Co.
D01559H06-BC	LR Best	18-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D0287C02-CO	SW Droegge		United States	Colorado	Jackson Co.
D01559G06-BC	LR Best	11-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D01559H09-BC	LR Best	18-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D01559A11-MT	Gibbs & Sheffield	21-Jun-2007	United States	Montana	Pondera Co.
DIAL2384C06-AB	Gibbs & Sheffield		Canada	Alberta	
DIAL2388F09-UT		12-Jul-2002	United States	Utah	Garfield Co.
BEE0289H09-MB	A. M. Patenaude	20-Sep-2005	Canada	Manitoba	YellowQuill Mxd.
BEE0289H07-MB	A. M. Patenaude	05-Sep-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL1409H03-MB	A. M. Patenaude	30-Aug-2005	Canada	Manitoba	YellowQuill Mxd.
BEE0289H06-MB	A. M. Patenaude	20-Sep-2005	Canada	Manitoba	YellowQuill Mxd.
BEE0289H10-MB	A. M. Patenaude	16-Aug-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL2388G12-AZ	L. Packer	14-Jun-1999	United States	Arizona	Apache Co.
DIAL2374G02-UT	B. Hays	05-Jul-2006	United States	Utah	Washington Co.
DIAL2374B05-UT			United States	Utah	
DIAL1845B08-CA	Ikerd, Stephens		United States	California	Mariposa Co.
D00608C07-CA	Gibbs & Sheffield	03-Jul-2007	United States	California	Siskiyou Co.
DIAL1845B02-CA	Ikerd, Stephens		United States	California	Mariposa Co.
DIAL2387A07-ID	Gibbs & Sheffield	24-Jun-2007	United States	Idaho	
B03765G03-BC	L.R. Best	04-May-2009	Canada	British Columbia	Okanagan-Similkameer
DIAL1848D04-FL	SW Droegge	25-Jan-2005	United States	Florida	Broward Co.
DIAL0293E07-FL	SW Droegge	27-Jan-2005	United States	Florida	Broward Co.
DIAL0293E09-FL	SW Droegge	27-Jan-2005	United States	Florida	Broward Co.
DIAL0293E08-FL	SW Droegge	27-Jan-2005	United States	Florida	Broward Co.
DIAL1846H07-SC	SW Droegge	07-Sep-2005	United States	South Carolina	C. Sandhills NWR
DIAL1847A04-FL	SW Droegge	27-Jan-2005	United States	Florida	Broward Co.
DIAL1413E05-FL	JA Genaro	31-Aug-2006	United States	Florida	Miami
DIAL1846B11-MS	SW Droegge	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1847A02-FL	SW Droegge	27-Jan-2005	United States	Florida	Broward Co.
D0288E11-SC	SW Droegge	19-May-2006	United States	South Carolina	Chesterfield Co
DIAL1846F01-SC	SW Droegge	06-Sep-2006	United States	South Carolina	C. Sandhills NWR
DIAL1846B09-MS	SW Droegge	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1846D01-MS	SW Droegge	04-Jun-2006	United States	Mississippi	Jackson Co.
D0288G05-FL	SW Droegge	27-Jan-2005	United States	Florida	Hendry Co.
D0288G04-FL	SW Droegge	25-Jan-2005	United States	Florida	Palm Beach Co.
D0288F04-SC	SW Droegge	19-May-2006	United States	South Carolina	Chesterfield Co
D0288E02-NC	SW Droegge	19-May-2006	United States	North Carolina	Moore Co.
D0288C12-FL	SW Droegge	25-Jan-2005	United States	Florida	Palm Beach Co.
D0288F01-SC	SW Droegge	19-May-2006	United States	South Carolina	Chesterfield Co
B03765A01-GA	W. Calver	23-Oct-2009	United States	Georgia	Chatham Co.
D01559B08-GA	J Hanula & S Horr	18-Jul-2008	United States	Georgia	
D01559C11-GA	J Hanula & S Horr	18-Jul-2008	United States	Georgia	Jasper Co.
D01559E01-GA	J Hanula & S Horr	18-Jul-2008	United States	Georgia	Jasper Co.
DIAL1846D03-MS	SW Droegge	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1846C03-MS	W Steiner	08-May-2005	United States	Maryland	Talbot Co.
D01561E01-MA	M.F. Veit	01-Sep-2006	United States	Massachusetts	Worcester Co.
DIAL1848D08-MD	J Jackson	02-Oct-2002	United States	Maryland	Pr. George's Co.
DIAL1848D06-WV	SW Droegge	20-Jul-2001	United States	West Virginia	Hampshire Co.
DIAL2385C05-MD		21-Jul-2004	United States	Maryland	
DIAL1849F10-MD	W Steiner	08-Mar-2005	United States	Maryland	Talbot Co.
DIAL2384B01-YT		04-Aug-1992	Canada	Yukon Territory	
DIAL2384A10-YT	J. Taylor	04-Aug-1992	Canada	Yukon Territory	
DIAL2384B03-YT		04-Aug-1992	Canada	Yukon Territory	
DIAL2384A08-YT		04-Aug-1992	Canada	Yukon Territory	

B01558C07-AB	Gibbs & Sheffield	12-Jun-2007	Canada	Alberta	Division No. 2
DIAL2387C04-NM	Gibbs & Sheffield		United States	New Mexico	
D00609B02-MT	Gibbs & Sheffield	23-Jun-2007	United States	Montana	
D01562A01-MT	S.W. Droege	24-Jun-2008	United States	Montana	Gallatin Co.
DIAL2374G03-NV			United States	Nevada	
03767G04-BC	L. Neame	09-May-2007	Canada	British Columbia	Thetis Lake Regional P
CCDB-00611 H02	Gibbs and Sheffield	27-Jun-2007	United States	Oregon	Baker co.
D0295H07-CO	SW Droege		United States	Colorado	Jackson Co.
CCDB-01557 A01	Gibbs & Sheffield	15-Jun-2007	Canada	Alberta	Three Hills
DIAL2384C03-AB	Gibbs & Sheffield	12-Jun-2007	Canada	Alberta	
D0295H03-CO	SW Droege		United States	Colorado	Larimer Co.
D01559G12-BC	LR Best	29-Jul-2008	Canada	British Columbia	Okanagan-Smilkeameen
D00607H03-SK	Goulet, Boudreaul	04-Jun-2007	Canada	Saskatchewan	Grassland Nat. Park
DIAL2386G03-BC			Canada	British Columbia	
DIAL2374B07-UT			United States	Utah	
DIAL2388C07-NV		15-Jul-2005	United States	Nevada	Clark Co.
D01561E07-SK	Goulet, Boudreaul	04-Jun-2007	Canada	Saskatchewan	Grassland NP
D01561E02-SK	Goulet, Boudreaul	04-Jun-2007	Canada	Saskatchewan	Grassland NP
D01562D12-BC	L.R. Best	23-Aug-2008	Canada	British Columbia	Okanagan-Similkamee
D01559A08-AB	Gibbs & Sheffield	12-Jun-2007	Canada	Alberta	Division 2
04486E05-WA	C. Fimbel	23-Jun-2009	United States	Washington	Thurston County
CCDB-00611 H11	Gibbs and Sheffield	30-Jul-2007	United States	Colorado	Park co.
03767G06-BC	L. Neame	22-May-2007	Canada	British Columbia	Mount Douglas Park, Vi
B03765E06-BC	L.R. Best	02-May-2009	Canada	British Columbia	Okanagan-Similkameer
CCDB-01557 A04	Goulet, Boudreaul	04-Jun-2007	Canada	Saskatchewan	Grassland National Parl
06732E12-WY	J. Rykken	28-Aug-2009	United States	Wyoming	Park Co.
DIAL2386A08-NV		27-Aug-2004	United States	Nevada	Clark County
D01562D10-ON	E. Proctor	27-May-2007	Canada	Ontario	
DIAL0286H10-MB	A. M. Patenaude	16-May-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0291H07-MB			Canada	Manitoba	YellowQuill Mxd.
DIAL0291H05-MB	A. M. Patenaude		Canada	Manitoba	YellowQuill Mxd.
DIAL0291H06-MB			Canada	Manitoba	YellowQuill Mxd.
DIAL0286H11-MB	A. M. Patenaude	16-May-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286H07-MB	A. M. Patenaude	06-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286H08-MB	A. M. Patenaude	15-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
B03765F12-BC	L.R. Best	22-Apr-2009	Canada	British Columbia	Okanagan-Similkameer
DIAL1409H04-MB	A. M. Patenaude	24-May-2005	Canada	Manitoba	YellowQuill Mxd
DIAL1409H02-MB	A. M. Patenaude	16-May-2005	Canada	Manitoba	YellowQuill Mxd
CCDB-01557 A09-M	Goulet & Boudreaul	16-Jun-2007	Canada	Manitoba	Camperville
D01562C04-MB	A.M. Patenaude	09-Jun-2007	Canada	Manitoba	
D01560A10-WI	A. Wolf	30-Jul-2005	United States	Wisconsin	Manitowoc Co.
DIAL0291H08-MB		08-Aug-2005	Canada	Manitoba	YellowQuill Mxd.
D01562E02-MB	A.M. Patenaude	03-Jun-2007	Canada	Manitoba	
D01562C09-ON	E. Proctor	27-May-2007	Canada	Ontario	
CCDB-01557 A07-M	Goulet & Boudreaul	16-Jun-2007	Canada	Manitoba	Camperville
B03765F09-BC	L.R. Best	22-Apr-2009	Canada	British Columbia	Okanagan-Similkameer
CCDB-01557 A10-M	Goulet & Boudreaul	11-Jun-2007	Canada	Manitoba	Tailgrass Prairie Preser
CCDB-01557 A11-M	Goulet & Boudreaul	16-Jun-2007	Canada	Manitoba	Winnipegosis
B03765F06-BC	L.R. Best	22-Apr-2009	Canada	British Columbia	Okanagan-Similkameer
D00608F06-BC	E. Elle	12-May-2005	Canada	British Columbia	Elk Falls Prov. Pk.
B03751H05-BC	L.R. Best	03-May-2009	Canada	British Columbia	Okanagan-Similkamee
D01559E08-BC	LR Best	26-Jul-2008	Canada	British Columbia	Okanagan-Smilkeameen
D00607E12-UT	L. Packer	21-Jun-1999	United States	Utah	Iron Co.
D00608E01-BC	E. Elle	25-Jun-2005	Canada	British Columbia	Elk Falls Prov. Pk.
D01561F06-BC	E. Elle	26-May-2005	Canada	British Columbia	Elk Falls Prov. Park

B03765E12-BC	L.R. Best	03-May-2009	Canada	British Columbia	Okanagan-Similkameer
D0295F01-CO	SW Droege		United States	Colorado	Larimer Co.
DIAL2374E05-WA			United States	Washington	
CCDB-00611 H04	Gibbs and Sheffield	27-Jun-2007	United States	Oregon	Baker co.
D01559G09-BC	LR Best	18-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D0295G11-CO	SW Droege		United States	Colorado	Larimer Co.
DIAL2387C03-ID	Gibbs & Sheffield	23-Jun-2007	United States	Idaho	
D0295F04-CO	SW Droege		United States	Colorado	Larimer Co.
DIAL2374E04-WA			United States	Washington	
D01559B11-BC	LR Best	13-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D01559C03-BC	LR Best	13-Jul-2008	Canada	British Columbia	Okanagan-Smilkameen
D0295H11-CO	SW Droege		United States	Colorado	Jackson Co.
D0287C01-CO	SW Droege		United States	Colorado	Larimer Co.
D0287B01-CO	SW Droege		United States	Colorado	Jackson Co.
D01562A10-MT	S.W. Droege	22-Jun-2008	United States	Montana	Park Co.
D0295G06-CO	SW Droege		United States	Colorado	Larimer Co.
CCDB-00611 H03	Gibbs and Sheffield	27-Jun-2007	United States	Oregon	Baker co.
DIAL2388D12-NM	J. Gibbs	23-Aug-2007	United States	New Mexico	Hidalgo Co.
DIAL0293H09-AZ	Laurence Packer		United States	Arizona	Cochise Co.
D-3262F07-NM	K. Wetherill		United States	New Mexico	Socorro Co.
D0295G07-CO	SW Droege		United States	Colorado	Larimer Co.
DIAL1848C04-MN	Pimm & Wagenius	13-Jul-2004	United States	Minnesota	Douglas Co.
DIAL1848F02-MN	Pimm & Wagenius	21-Jul-2004	United States	Minnesota	Douglas Co.
DIAL1848B05-AZ	L Packer	01-Aug-2005	United States	Arizona	Willcox
DIAL1849B05-AZ	RL Minckley	03-Mar-2001	United States	Arizona	Cochise Co.
DIAL1847F03-TX	HW Ikerd	27-Apr-2007	United States	Texas	Denton Co.
DIAL1849E10-AZ	L Packer	01-Sep-2004	United States	Arizona	Cochise Co.
D0287A06-CO	SW Droege	11-May-2004	United States	Colorado	Larimer Co.
DIAL2374F12-UT	B. Hays	29-May-2006	United States	Utah	Washington Co.
D0295G02-CO	SW Droege		United States	Colorado	Larimer Co.
DIAL1849E02-CO	Kearns & Oliveras	08-Jun-2004	United States	Colorado	Boulder Co.
DIAL1848B01-AZ	L Packer	01-Aug-2005	United States	Arizona	Willcox
DIAL1848C03-MN	Pimm & Wagenius	26-Jul-2004	United States	Minnesota	Douglas Co.
D01561B03-CA	Gibbs & Sheffield		United States	California	
DIAL2386B02-NV			United States	Nevada	
DIAL2374G01-UT			United States	Utah	
DIAL2388E02-NM	J. Gibbs	23-Aug-2007	United States	New Mexico	Hidalgo Co.
DIAL1849C06-CO	Kearns & Oliveras	01-Jun-2005	United States	Colorado	Boulder Co.
DIAL0286G11-MB	A. M. Patenaude	20-Sep-2005	Canada	Manitoba	YellowQuill Mxd.
D0287A04-CO	SW Droege		United States	Colorado	Larimer Co.
D0295H04-CO	SW Droege		United States	Colorado	Larimer Co.
D0295G04-CO	SW Droege		United States	Colorado	Larimer Co.
DIAL0286G12-MB	A. M. Patenaude	28-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286G08-MB	A. M. Patenaude	05-Sep-2005	Canada	Manitoba	YellowQuill Mxd.
06732H03-CO	Gibbs & Sheffield	31-Aug-2007	United States	Colorado	Gilpin Co.
DIAL2385E11-NS	C Sheffield	01-Aug-2001	Canada	Nova Scotia	
DIAL2385A02-NS	C Sheffield	18-Jul-2002	Canada	Nova Scotia	
DIAL2385F01-NS	C Sheffield	20-Sep-2001	Canada	Nova Scotia	
DIAL2385F04-NS	C Sheffield	09-Oct-2002	Canada	Nova Scotia	
DIAL1848D03-NS	C Sheffield	29-May-2002	Canada	Nova Scotia	Kings Co.
DIAL1848D02-NS	C Sheffield	29-May-2002	Canada	Nova Scotia	Kings Co.
D01560A05-WI	A. Wolf	30-Jul-2005	United States	Wisconsin	Manitowoc Co.
DIAL2384H08-MD	SW. Droege	13-Apr-2005	United States	Maryland	
DIAL1849H05-MD	SW Droege	20-Sep-2006	United States	Maryland	Worcester Co.
DIAL0294B06-IN	RP Jean	03-Apr-2003	United States	Indiana	Starke Co.

DIAL1848G09-AB	Finnamore & Pollc	28-Jul-1994	Canada	Alberta	CFB Suffield
D01562E03-NS	C. Sheffield	31-Jul-2002	Canada	Nova Scotia	Kings Co.
DIAL2385A01-SK		04-Jun-2007	Canada	Saskatchewan	
DIAL2385A05-SK		04-Jun-2007	Canada	Saskatchewan	
D01560C07-IA	C. Hemsley	20-May-2004	United States	Iowa	Dickinson Co.
D-3253F03-MO		29-Mar-1998	United States	Missouri	
D0288E01-VA	B. Steury	11-Apr-2005	United States	Virginia	Fairfax Co.
DIAL2385E09-NS	C Sheffield	20-Jun-2002	Canada	Nova Scotia	
D0288C10-VA	B. Steury		United States	Virginia	Fairfax Co.
DIAL0294F07-MD			United States	Maryland	
DIAL0293B04-MD	SW Droege	07-Jul-2001	United States	Maryland	Pr. George's Co.
DIAL0294G03-MD		16-Jul-2003	United States	Maryland	
DIAL0293B03-MD	SW Droege	07-Jul-2001	United States	Maryland	Pr. George's Co.
DIAL0294G04-MD		15-Jul-2003	United States	Maryland	
DIAL0294C08-IN	RP Jean	17-Jul-2003	United States	Indiana	Newton Co.
DIAL0292A03-MD	SW Droege	13-Apr-2003	United States	Maryland	Anne Arundel Co.
DIAL0292A04-MD			United States	Maryland	Pr. George's Co.
B04743G07-MA		15-May-2008	United States	Massachusetts	FRANKLIN CO.
B04743G01-MA		08-Oct-2008	United States	Massachusetts	FRANKLIN CO.
DIAL1846F08-WV		07-Aug-2006	United States	West Virginia	Hampshire Co.
DIAL1848C12-WV	SW Droege	30-May-2004	United States	West Virginia	Hampshire Co.
B04743D05-NS		20-Jun-2002	Canada	Nova Scotia	KINGS CO.
D00608E10-IN	R. Grundel	28-Apr-2004	United States	Indiana	Jasper Co.
D01562B05-ON	E. Proctor	11-Jul-2007	Canada	Ontario	
B04743H06-MA		08-Aug-2009	United States	Massachusetts	
DIAL1391E05-TN	C. Sheffield	05-Aug-2006	United States	Tennessee	Great Smoky Mountain
D00607E07-CT	Bricker & Watson	01-Jun-2006	United States	Connecticut	New London Co.
D0288B02-MD	HW Ikerd		United States	Maryland	
D01559E06-ON	A Taylor	15-Jul-2008	Canada	Ontario	Lambton Co.
D00607A10-CT	Bricker & Watson	19-Jul-2006	United States	Connecticut	New London Co.
DIAL1849G06-NH	MF Veit	23-Jun-2006	United States	New Hampshire	Coos Co.
D01560A01-WI	A. Wolf	01-Jul-2005	United States	Wisconsin	Grant Co.
B03750B02-MA	J. Milam	08-Oct-2008	United States	Massachusetts	Franklin Co.
CCDB-00611 G08-A	A. Taylor	14-Jul-2008	Canada	Ontario	Lambdon
CCDB-00611 F03-A	A. Taylor	07-Jul-2007	Canada	Ontario	Lambton
B04743G03-MA		15-May-2008	United States	Massachusetts	FRANKLIN CO.
B04743H02-MA		03-Jul-2008	United States	Massachusetts	FRANKLIN CO.
CCDB-00611 G03-A	A. Taylor	14-Jul-2008	Canada	Ontario	Lambdon
CCDB-00611 G04-A	A. Taylor	12-Aug-2008	Canada	Ontario	Lambdon
B04743D03-NS		06-Jun-2002	Canada	Nova Scotia	KINGS CO.
D00608E12-IN	R. Grundel	25-Jun-2003	United States	Indiana	Jasper Co.
D01562E07-NS	C. Sheffield	20-Jun-2002	Canada	Nova Scotia	Kings Co.
D01560C12-IA	K. Kwaiser	17-Aug-2004	United States	Iowa	Dickinson Co.
DIAL0286F12-MB	A. M. Patenaude	01-Jun-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL0286F10-MB	A. M. Patenaude	29-Aug-2005	Canada	Manitoba	YellowQuill Mxd.
DIAL1848H03-AB	Finnamore & Pollc	29-Jun-1994	Canada	Alberta	CFB Suffield
DIAL1390B01-ON	PJ Carson		Canada	Ontario	Norfolk CO
DIAL0293E04-FL	SW Droege	27-Jan-2005	United States	Florida	Hendry Co.
D-3253D09-FL			United States	Florida	
D-3253E04-FL			United States	Florida	
D01561D10-FL	S.W. Droege	04-Jun-2007	United States	Florida	Martin Co.
D01559A04-FL	SW Droege	04-Jun-2007	United States	Florida	Martin Co.
D0295D02-DC	Pascarella	24-Jun-2006	United States	District of Columbia	
D00608B05-ON	A. Taylor	07-Jul-2007	Canada	Ontario	Lambton
D00608B03-ON	A. Taylor	22-Jun-2007	Canada	Ontario	Lambton

D1414C02-VA	SW Droegge	01-Jul-2006	United States	Virginia	Assateague Island
DIAL0294E01-VA	SW Droegge	02-Oct-2004	United States	Virginia	Fluvanna Co.
DIAL0294D12-NY	SW Droegge	06-Sep-2005	United States	New York	Suffolk Co.
D1414B10-VA	SW Droegge	01-Jul-2006	United States	Virginia	Assateague Island
D1414C01-VA	SW Droegge		United States	Virginia	Accomack Co.
D-3253F06-MO			United States	Missouri	
DIAL1846B06-MS	SW Droegge	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1847H10-MD	Haramis & Arch	12-Aug-2003	United States	Maryland	Prince George's Co.
DIAL1846H10-MD	M Gates	07-Jul-2006	United States	Maryland	Calvert Co.
DIAL1846B04-MS	SW Droegge	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1413A09-VA	SW Droegge	01-Jul-2006	United States	Virginia	Assateague I.
B01566D04-TX	L.Packer	22-May-2003	United States	Texas	Ceass Co.
D0288E08-WV	SW Droegge	30-May-2004	United States	West Virginia	Hampshire Co.
D1414B11-VA	SW Droegge	01-Jul-2006	United States	Virginia	Assateague Island
DIAL1391E02-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1391E01-SC	J Gibbs	09-Aug-2006	United States	South Carolina	Okanee Co.
D0288G09-SC	SW Droegge	19-May-2006	United States	South Carolina	Chesterfield Co
D0288E10-NC	R Jackowski	01-Oct-2003	United States	North Carolina	Union Co.
D0288E05-WV	SW Droegge	30-May-2004	United States	West Virginia	Hampshire Co.
D0288D12-WV	SW Droegge	30-May-2004	United States	West Virginia	Hampshire Co.
D0295E11-DC	Pascarella	24-Jun-2006	United States	District of Columbia	
D0295E10-DC	Pascarella	24-Jun-2006	United States	District of Columbia	
BEE0286E07-VA	Amro Zayed	07-Jun-2005	United States	Virginia	Hwy 340
D00607C02-MO	R.P. Jean	16-Jul-2006	United States	Missouri	Ozark Co.
D00607A01-NE	S.W. Droegge	10-May-2007	United States	Nebraska	Douglas Co.
06732C02-DC	J. Whitaker	08-Mar-2009	United States	Washington	
DIAL2387C06-YT	Goulet & Boudreau	08-Jul-2008	Canada	Yukon Territory	Champagne
DIAL1845E09-NL	M. Baird	05-Jul-2006	Canada	Newfoundland and Labra	Colliers
DIAL1845E06-NL	M. Baird	21-Jul-2006	Canada	Newfoundland and Labra	Colliers
DIAL2384A11-YT		04-Aug-1992	Canada	Yukon Territory	
DIAL1391C03-NC	J Gibbs	04-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL2384A03-YT		04-Aug-1992	Canada	Yukon Territory	
DIAL2384A02-YT		04-Aug-1992	Canada	Yukon Territory	
DIAL1845E12-NL	M. Baird	07-Jul-2006	Canada	Newfoundland and Labra	Colliers
DIAL1845F01-NL	M. Baird	05-Jul-2006	Canada	Newfoundland and Labra	Colliers
DIAL2387B10-YT	Goulet & Boudreau	08-Jul-2008	Canada	Yukon Territory	Champagne
DIAL1391C04-NC	J Gibbs	04-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL2387B04-YT	Goulet & Boudreau	08-Jul-2008	Canada	Yukon Territory	Champagne
DIAL2384A06-YT		04-Aug-1992	Canada	Yukon Territory	
DIAL1848A10-NB	M. Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
DIAL2384A09-YT		04-Aug-1992	Canada	Yukon Territory	
DIAL2384B08-YT		22-Jul-1992	Canada	Yukon Territory	
DIAL2384A01-YT		04-Aug-1992	Canada	Yukon Territory	
DIAL2384B02-YT		04-Aug-1992	Canada	Yukon Territory	
DIAL2384B10-YT		22-Jul-1992	Canada	Yukon Territory	
DIAL1390C01-ON	Alana Taylor		Canada	Ontario	Norfolk CO
DIAL1390C03-ON	Alana Taylor		Canada	Ontario	Norfolk CO
BEE1850G11-ME	HW Ikerd	17-Jun-2002	United States	Maine	Hancock Co.
D1414H01-VA	SW Droegge		United States	Virginia	Assateague Island
DIAL0292A11-WV	SW Droegge		United States	West Virginia	Hampshire Co.
DIAL0294E06-MD	Z Riegel	08-Sep-2005	United States	Maryland	Pr. George's Co.
DIAL2385F02-MD	K Hutson	17-Sep-2006	United States	Maryland	
DIAL0294E12-MD	P Oseinton	14-Jun-2005	United States	Maryland	Anne Arundel Co.
DIAL0294E07-IN	SW Droegge	26-Jul-2003	United States	Indiana	Jackson Co.
DIAL0293B10-WV	SW Droegge	30-May-2004	United States	West Virginia	Hampshire Co.

DIAL0293F02-NC	R Jackowski		United States	North Carolina	Union Co.
D00607H11-KS	J. Hopwood	09-Aug-2004	United States	Kansas	Douglas Co.
B01558D07-NC	E.J. Soderholm	17-Jul-2008	United States	North Carolina	Buncombe Co.
D00608A07-KS	J. Hopwood	06-Aug-2004	United States	Kansas	Douglas Co.
D0288C05-DC	S Rudy		United States	District of Columbia	
DIAL1409B07-NC	J Gibbs	10-Aug-2006	United States	North Carolina	E of Charlotte
DIAL1846D04-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1413H02-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
D0288D08-NC	SW Droege	19-May-2006	United States	North Carolina	Richmond Co.
DIAL2385C12-SC		25-Oct-2006	United States	South Carolina	
DIAL1849C10-CO	Kearns & Oliveras	23-Jun-2004	United States	Colorado	Boulder Co.
D00607B03-KS	J. Hopwood	02-Aug-2004	United States	Kansas	Douglas Co.
D00607H09-KS	J. Hopwood	06-Aug-2004	United States	Kansas	Douglas Co.
06732E01-MD	S.W.Droege	01-Aug-2009	United States	Maryland	Anne Arundel Co.
D1414A06-IL	J Gibbs		United States	Illinois	Macoupin Co.
B03765B09-GA	W. Calver	30-Oct-2009	United States	Georgia	Chatham Co.
B01558D08-NC	E.J. Soderholm	17-Jul-2008	United States	North Carolina	Buncombe Co.
B01558D03-NC	E.J. Soderholm	17-Jul-2008	United States	North Carolina	Buncombe Co.
B01558C12-NC	E.J. Soderholm	17-Jul-2008	United States	North Carolina	Buncombe Co.
D0288B08-SC	SW Droege		United States	South Carolina	Chesterfield Co
D0288B06-NC	SW Droege		United States	North Carolina	Richmond Co.
DIAL1391D08-NC	C. Sheffield	10-Aug-2006	United States	North Carolina	E of Charlotte
DIAL1391E10-NC	J Gibbs	14-Aug-2006	United States	North Carolina	N of Doughton Park
DIAL0293F04-TN	HW Ikerd	02-Apr-2002	United States	Tennessee	Blount Co.
DIAL0293F05-TN	HW Ikerd	02-Apr-2002	United States	Tennessee	Blount Co.
DIAL1391C05-NC	J Gibbs	04-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1391A08-NC	C. Sheffield	13-Aug-2006	United States	North Carolina	Grandfather Mtn.
DIAL1849H07-ME	MF Veit	17-Aug-2006	United States	Maine	Aroostock Co.
DIAL1848F07-PE	V MacPhail	07-Jul-2006	Canada	Prince Edward Island	Queens Co.
DIAL1848E08-WV	SW Droege	15-Aug-2004	United States	West Virginia	Hampshire Co.
D00607F12-NS	H. Goulet, A. Badi	14-Jun-2004	Canada	Nova Scotia	
DIAL2385C06-MD	HW Ikerd		United States	Maryland	
D1414D03-VA	SW Droege		United States	Virginia	Assateague Island
DIAL1846C07-WV		07-Aug-2006	United States	West Virginia	Hampshire Co.
D0287D08-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL0293B02-DC		29-Jul-2004	United States	District of Columbia	
DIAL1391H03-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
DIAL1847H05-MD	S Kolski	19-Aug-2004	United States	Maryland	Prince George's Co,
DIAL0294G01-MD			United States	Maryland	
DIAL0294C06-IL	RP Jean	26-Apr-2003	United States	Illinois	Kankakee Co.
DIAL0294C07-IN	RP Jean	14-Apr-2000	United States	Indiana	Vigo Co.
DIAL0294D11-NY	SW Droege	06-Sep-2005	United States	New York	Suffolk Co.
DIAL1848E02-MD	SW Droege	04-Aug-2004	United States	Maryland	Anne Arundel Co.
D0295B06-ON	J Gibbs		Canada	Ontario	
DIAL1391H02-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
DIAL1391D01-NC	C. Sheffield	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1391H08-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
DIAL1847H04-MD	S Kolski	21-Jul-2004	United States	Maryland	Prince George's Co,
DIAL1391G12-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
DIAL0292B09-MD	SW Droege	03-Apr-2003	United States	Maryland	Pr. George's Co.
DIAL0292C01-WV	SW Droege		United States	West Virginia	Hampshire Co.
DIAL0292B11-MD	SW Droege	03-Apr-2003	United States	Maryland	Pr. George's Co.
DIAL0292C02-MD	SW Droege	03-Apr-2003	United States	Maryland	Pr. George's Co.
DIAL1413G10-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL1391C10-NC	C. Sheffield	10-Aug-2006	United States	North Carolina	E of Charlotte

DIAL1391B10-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
06732E06-WV	J. Whitaker	20-Jul-2008	United States	West Virginia	Doddridge Co.
D0287H06-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287F01-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287H08-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1413G09-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
D0287H12-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1409C01-PQ	J Gibbs	07-Oct-2006	Canada	Quebec	W of Hudson
DIAL1409B11-PQ	J Gibbs	07-Oct-2006	Canada	Quebec	W of Hudson
DIAL1846F03-MD	K Hutson	21-Sep-2006	United States	Maryland	Prince Georges Co.
DIAL1847H01-MD	HW Ikerd	06-Jul-2002	United States	Maryland	Prince George's Co.
DIAL1847H02-MD	HW Ikerd	06-Jul-2002	United States	Maryland	Prince George's Co.
DIAL1846B03-MD	M Fell	15-Apr-2005	United States	Maryland	Howard Co.
D00607H07-KS	J. Hopwood	27-Jul-2004	United States	Kansas	Douglas Co.
DIAL1391H05-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
DIAL1391B07-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1391B05-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
D0287E12-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287E06-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1413B03-IL	C. Sheffield	24-Jun-2006	United States	Illinois	Macoupin Co.
DIAL1390A02-NC	Jason Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1390A01-NC	Jason Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1390F02-NC		15-Aug-2006			near Charleston
DIAL1413G08-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL1391H12-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
DIAL1413H07-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL1413H04-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL1391B09-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1391B08-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
D0287H11-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1391B04-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1391H07-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
D0287E02-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1391B06-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mountain
DIAL1848F04-MD	R Andrus	24-Sep-2004	United States	Maryland	Anne Arundel Co.
DIAL1413H09-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
D0287E08-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0295B07-ON	J Gibbs		Canada	Ontario	
D0295B01-ON	J Gibbs		Canada	Ontario	
D0295B02-ON	J Gibbs		Canada	Ontario	
D0287H07-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
DIAL1391H11-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Great Smoky Mtn NP
D0287G11-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287H03-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287H04-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287H05-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287G05-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287E11-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287E07-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287D07-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287C05-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D1414E06-VA	SW Droegge		United States	Virginia	Assateague Island
D0287C03-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287C04-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.
D0287E09-IL	J Gibbs & C Sheffi		United States	Illinois	Macoupin Co.

D1414E03-VA	SW Droege		United States	Virginia	Assateague Island
D0288H02-MD	J Gibbs		United States	Maryland	Frederick Co.
D0288G12-MD	J Gibbs		United States	Maryland	Frederick Co.
D0288D10-MD	SW Droege		United States	Maryland	Pr. George's Co.
D0288B07-MD	SW Droege		United States	Maryland	Pr. George's Co.
D1414H06-VA	SW Droege		United States	Virginia	Assateague Island
D1414H05-VA	SW Droege		United States	Virginia	Assateague Island
D1414E05-VA	SW Droege		United States	Virginia	Assateague Island
D0295B04-ON	J Gibbs		Canada	Ontario	
D00607F03-KS	J. Hopwood	01-Aug-2004	United States	Kansas	Douglas Co.
D00607C04-MO	M.S. Arduser	24-Jun-2001	United States	Missouri	Dent Co.
D00608E07-IN	R. Grundel	23-Jun-2004	United States	Indiana	Porter Co.
DIAL2385C08-MD		21-Jul-2004	United States	Maryland	
DIAL2385D06-MD		01-Aug-2005	United States	Maryland	
06732D06-WV	J. Whitaker	20-Jul-2008	United States	West Virginia	Doddridge Co.
CCDB-00611 D09	J.K Tuell		United States	Michigan	Cass
CCDB-00611 D03-I	J.K Tuell		United States	Michigan	Calhoun
06732H06-RI	E. King, S. Paton	28-Aug-2008	United States	Rhode Island	
DIAL1845C10-TX	Abbott, Caesar	12-May-2000	United States	Texas	Bastrop Co.
DIAL1847A01-SC	SW Droege	18-May-2006	United States	South Carolina	Chesterfield Co.
DIAL0294D04-IN	RP Jean	27-Apr-2003	United States	Indiana	Jasper Co.
DIAL0294E04-NY	SW Droege	06-Sep-2005	United States	New York	Suffolk Co.
DIAL0293F11-MN	SW Droege	10-Jul-2001	United States	Minnesota	Sher Co.
DIAL0293F08-MD	A. Lohr	27-Jul-2004	United States	Maryland	Anne Arundel Co.
D0288D06-NC	SW Droege	19-May-2006	United States	North Carolina	Moore Co.
DIAL0293F09-MD	S Kolski	20-Aug-2004	United States	Maryland	Pr. George's Co.
06732D07-MA	DB	22-Aug-2008	United States	Massachusetts	
DIAL1390A06-ON	PJ Carson		Canada	Ontario	Norfolk CO
DIAL0286H01-MB	A. M. Patenaude	22-Aug-2005	Canada	Manitoba	YellowQuill Mxd.
D0288D07-SC	SW Droege	19-May-2006	United States	South Carolina	Chesterfield Co
D0288D11-SC	SW Droege	19-May-2006	United States	South Carolina	Chesterfield Co
D00609G05-NS	Sheffield, Rigby &	10-Jul-2003	Canada	Nova Scotia	
DIAL2385E10-MB	Boudreault & Goul	11-Jun-2007	Canada	Manitoba	
D01561D05-ON	E. Willis	30-Jul-2005	Canada	Ontario	York Co.
D01561C04-IN	R. Grundel	05-Jun-2003	United States	Indiana	Lake Co.
DIAL1390G09-NC	J Gibbs	06-Aug-2006	United States	North Carolina	Cataloochee
DIAL1848A04-NB	M Gravel	31-Jul-2005	Canada	New Brunswick	Kent Co.
D0295D03-MD	SW Droege	24-Jun-2006	United States	Maryland	Montgomery Co.
DIAL1846C05-MS	SW Droege	04-Jun-2006	United States	Mississippi	Jackson Co.
DIAL1413D06-NC	J Gibbs	07-Aug-2006	United States	North Carolina	Junaluska Meadow
DIAL0294F01-PA			United States	Pennsylvania	
DIAL1413A05-IL	J Gibbs	25-Jun-2006	United States	Illinois	Montgomery Co.
DIAL0293A03-MD	SW Droege	19-Jul-2004	United States	Maryland	Pr. George's Co.
DIAL0293G02-MD	SW Droege	01-Jan-2004	United States	Maryland	Garrett Co.
DIAL1391E08-NC	J Gibbs	14-Aug-2006	United States	North Carolina	N of Doughton Park
DIAL0294E11-MD	P Osenton	10-May-2005	United States	Maryland	Pr. George's Co.
DIAL0292H12-MD	SW Droege	19-Jul-2004	United States	Maryland	Pr. George's Co.
DIAL1390E02-ON	E. Willis		Canada	Ontario	Toronto
DIAL1413F01-TN	J Gibbs	08-Aug-2006	United States	Tennessee	near Gatlinburg
DIAL1413A07-VA	SW Droege	01-Jul-2006	United States	Virginia	Accomac Co.
DIAL1413H05-NC	J Gibbs	08-Aug-2006	United States	North Carolina	S. of Bryson City
DIAL1413B10-IL	Gibbs & Sheffield	25-Jun-2006	United States	Illinois	Macoupin Co.
DIAL1846E01-WV		08-Aug-2006	United States	West Virginia	Hampshire Co.
DIAL1409A10-NC	J Gibbs	13-Aug-2006	United States	North Carolina	near Jefferson
DIAL1409H11-ON	E Willis	06-Jun-2006	Canada	Ontario	Toronto

DIAL1390H03-SC		09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1390C06-ON	PJ Carson		Canada	Ontario	Norfolk CO
DIAL1390H02-SC		09-Aug-2006	United States	South Carolina	Okanee Co.
DIAL1390G05-NC		15-Aug-2006	United States	North Carolina	near Charleston
DIAL1391A02-VA	C. Sheffield	14-Aug-2006	United States	Virginia	5miles S of Elk Creek
DIAL1413D07-NC	J Gibbs	07-Aug-2006	United States	North Carolina	Junaluska Meadow
DIAL1848F06-MD	SW Droegge	03-Sep-2003	United States	Maryland	
D1414A01-YT	L Packer		Canada	Yukon Territory	
DIAL2387F08-BC	C Ratti	25-Jun-2004	Canada	British Columbia	
DIAL1848C02-YT	Laurence Packer		Canada	Yukon Territory	Carcross Dunes
BEE0286C11-ON	JA Genaro	30-Apr-2006	Canada	Ontario	North York
D00608H10-OR	Gibbs & Sheffield	06-Jul-2007	United States	Oregon	Baker Co.
04485A10-VA		18-Jul-2009	United States	West Virginia	
DIAL1848D10-MD	S Kolski	20-Aug-2004	United States	Maryland	Pr. George\\'s Co.
DIAL1390D09-ON	E. Willis		Canada	Ontario	Toronto
DIAL1848B06-WV	J Gibbs	15-Aug-2006	United States	West Virginia	near Charleston
DIAL1848C08-WV	J Gibbs	15-Aug-2006	United States	West Virginia	near Charleston

Draft

Sector	Exact Site	Lat	Lon	Elev	Depth	Elevation Precision
Indiana Dunes NL		41.652	-87.071			
		37.2982	-111.157			
		51.495	-113.232			
		40.3681	-113.054			
		42.714	-80.453			
		39.024	-76.92			
		47.066	-96.449			
		47.046	-96.419			
		39.028	-76.923			
	Gibbs Road	45.433	-74.508			
Apalachicola N.F.	Post Office Bay	30.059	-84.984			
		40.56	-74.96			
Grass Prairie Preserv	near Treesbank	49.681	-99.554			
		45.0694	-64.484			
		46.856	-96.472			
		47.066	-96.45			
		Erie NWR	41.629	-79.964		
44.361	-68.23					
St. Ignace		46.707	-65.054			
		39.964	-105.265			
Grass Prairie Preserv	near Treesbank	49.681	-99.554			
		49.093	-111.621			
		49.243	-119.633			
nr Painting on Stone		49.0925	-111.621	929		
		49.089	-119.536			
		49.09	-119.538			
		49.688	-119.776			
10 km E Starbuck	Hwy 261	46.5048	-118.037	461		
Nipsco						
Prairie Border						
University of Minnesota	Arboretum	44.86	-93.61			
		43.621	-83.317			
		43.338	-89.949			
		42.838	-84.221			
	York University Keele C	43.774	-79.505			
		39.963	-75.177			
		38.412	-81.648			
MTJ						
		39.279	-78.68			
		39.335	-78.458			
		39.335	-78.458			
		39.335	-78.458			
		39.241	-78.464			
		39.235	-78.744			
		39.241	-78.464			

		38.412	-81.648	
		38.412	-81.648	
		38.412	-81.648	
		38.412	-81.648	
		39.551	-79.299	
		30.53	-88.694	
		37.918	-75.327	
		33.71	-79.442	
		37.909	-75.356	
		39.617	-74.783	
		39.683	-74.767	
		38.195	-75.476	
		38.186	-75.495	
		38.198	-75.479	
Algonquin P.P.	Madawaska Lk.	45.3285	-78.3066	
Algonquin P.P.	Madawaska Lk.	45.3285	-78.3066	
		38.899	-76.678	
	York University Keele C	43.775	-79.496	
		44.5441	-87.907	
		45.0845	-63.73	
		34.579	-80.233	
		34.579	-80.233	
Prairie Border				
		38.928	-76.668	
	Rappahnnck NWR	38.014	-76.888	
		38.4917	-95.218	
		39.232	-78.517	
	Pterophylla Plant Nurse	42.384	-80.344	
Blue Mtn Parkway		36.342	-81.375	
		37.914	-75.338	
	Pterophylla Plant Nurse	42.384	-80.344	
		38.949	-76.732	
Cades Cove	Mill Creek	35.583	-83.837	
		49.03	-119.492	
El Portal	Eagle Pk	37.673	-119.792	586
Yosemite NP	Yosem Vly	37.73	-119.61	1204
El Portal	Eagle Pk	37.673	-119.792	586
El Portal	Eagle Pk	37.673	-119.792	586
		37.268	-112.91	
		34.112	-118.777	
		49.029	-119.492	
		49.03	-119.493	415
		37.349	-113.091	
		34.112	-118.777	
		40.2014	-112.92	
		38.681	-77.096	
Hwy 28 near 1VA(?)		34.349	-82.567	
		34.984	-80.449	
		36.818	-76.552	
		35.685	-83.536	
		34.984	-80.449	

		38.911	-76.952
		38.911	-76.955
		37.918	-75.327
	15km N of Harrisonburg	38.534	-78.704
		35.543	-82.957
24/27 E		35.245	-80.537
		37.894	-75.358
24/27 E		35.228	-80.558
		35.422	-83.451
		37.912	-75.359
near Walhalla		34.805	-83.146
roadside 321		35.76	-83.361
24/27 E		35.245	-80.537
24/27 E		35.245	-80.537
Cades Cove	Mill Creek	35.583	-83.837
		37.912	-75.359
		38.91	-76.953
		34.606	-80.25
		34.606	-80.25
Diamond Grove Prairi			
		34.606	-80.25
		34.606	-80.25
near Walhalla		34.805	-83.146
near Walhalla		34.813	-83.137
near Walhalla		34.813	-83.137
		39.148	-89.667
Carlinsville		39.278	-89.89
E of Carlinsville		39.279	-89.796
		38.807	-76.702
		38.8	-76.698
		27.45	-81.374
		39.061	-95.204
		38.912	-76.755
		39.04	-78.77
		34.984	-80.449
		39.04	-78.77
		39.05	-76.777
		37.94	-75.315
		30.53	-88.694
		30.53	-88.694
		33.204	-97.081
		30.53	-88.694
		38.681	-75.073
		38.681	-75.073
24/27 E		35.245	-80.537
	Park River NWR	42.746	-70.804
	Dismal Swmp NWR	36.745	-76.456
		27.092	-80.129
		30.548	-94.409
		38.46	-76.139
		35.806	-75.767
		35.806	-75.767
		35.416	-76.162
		38.432	-76.159

Homestead		30.399	-88.766
		30.396	-88.755
		30.418	-88.715
		30.329	-84.505
	10km N of ASHEVILLE	35.663	-82.479
Landsbaum			
Prairie Border			
	Turkey Point Provincial	42.422	-80.199
	10km N of DAHLONEG	34.675	-83.994
Hooper Br.			
		39.566	-79.428
		44.361	-68.23
		36.089	-81.837
University of Minnesota Arboretum			
University of Minnesota Arboretum			
		36.089	-81.837
		45.2046	-64.379
St. Ignace		46.707	-65.054
		44.361	-68.23
University of Minnesota Arboretum			
		36.089	-81.837
		39.137	-89.942
Joker's Hill			
		48.809	-123.631
		41.051	-72.331
		48.6036	-119.765
		38.906	-95.156
		33.204	-97.081
		33.204	-97.081
		33.204	-97.081
		33.204	-97.081
		33.204	-97.081
		38.819	-95.363
		34.984	-80.449
		37.294	-112.909
		37.259	-112.918
		49.939	-110.35
Nipsco			
		43.454	-91.304

		43.195	-90.287
Ulster Street Parquett		43.659	-79.413
	Pterophylla Plant Nurse	42.384	-80.344
		47.047	-96.438
		38.88	-86.056
Bryson City Rd & Que		35.284	-83.487
Toronto	York University	43.775	-79.504
Cataloochee overlook		35.54	-83.06
		47.047	-96.438
Toronto	York University	43.775	-79.504
		50.186	-98.326
		41.9389	-85.9667
		42.114	-93.586
Cassopolis			
		42.113	-93.589
Charlotte			
		42.113	-93.589
		42.114	-93.586
		38.931	-77.116
		38.887	-77.012
Plymouth		45	-93.468
		39.963	-75.177
		38.995	-77.253
Plymouth		45	-93.468
York University		43.775	-79.504
		38.412	-81.648
Toronto	York University	43.775	-79.504
		38.887	-77.045
	Queen's University Biol	44.565	-76.325
	Queen's University Biol	44.565	-76.325
	Queen's University Biol	44.565	-76.325
		38.412	-81.648
Ulster Ave.	From Brunswick to Man	43.66	-79.409
Harbord & Huron		43.664	-79.4
		44.565	-76.325
	Queen's University Biol	44.565	-76.325
	Queen's University Biol	44.565	-76.325
Brunswick Avenue	Between College and B	43.662	-79.406
Brunswick Avenue	Between College and B	43.662	-79.406
Ulster Street Parquett		43.659	-79.413
Ulster Street Parquett		43.659	-79.413
		49.853	-95.487
	York University Keele C	43.775	-79.504
		44.565	-76.325
		38.412	-81.648
		44.565	-76.325
Ulster Ave.	From Brunswick to Man	43.66	-79.409
	York University Keele C	43.773	-79.509
	York University Keele C	43.774	-79.505
	York University Keele C	43.774	-79.505
Brunswick Ave.	S of Bloor	43.665	-79.407

		45.798	-95.732
Indiana Dune NL		41.601	-87.203
Ulster Ave.	From Brunswick to Man	43.66	-79.409
		43.195	-90.287
		43.7739	-79.5053
		39.216	-78.748
		38.931	-77.116
Grant Blanc			
	York University Keele C	43.774	-79.505
York University		43.772	-79.496
		43.7728	-79.5087
Cataloochee overlook		35.54	-83.06
		26.448	-82.041
		30.941	-83.708
		34.53	-80.222
		34.53	-80.222
		30.941	-83.708
Conrad			
Prairie Border			
		42.717	-80.433
Hooper Br.			
Laurel	PWRC		
Nipsco			
Indiana Dunes NL	Ogden dunes	41.615	-87.203
Indiana Dunes NL		41.611	-87.274
		39.544	-75.576
Plymouth	Myles Standish St. Fore		
		41.128	-72.272
		40.997	-72.074
		37.981	-75.281
		42.772	-70.806
		42.57	-72.536
		37.981	-75.281
		37.958	-75.315
		37.97	-75.304
		35.416	-76.162
		37.912	-75.359
		35.416	-76.162
Homestead			
		37.98	-75.293
		38.381	-76.068
		37.97	-75.304
		37.98	-75.293
		42.687	-85.209
		43.343	-84.108
Sunrise Lake Rd.		45.224	-88.459
		39.248	-78.527
Cataloochee	Cataloochee overlook	35.64	-83.06
Cataloochee	Cataloochee overlook	35.64	-83.06
		37.914	-75.338
Bryson City Rd & Que		35.284	-83.487

near Walhalla		34.805	-83.146
		37.914	-75.338
		35.422	-83.451
		37.98	-75.293
Bryson City Rd & Que		35.284	-83.487
		38.819	-95.363
Wittman		38.8	-76.283
		39.519	-77.841
		39.303	-89.882
		38.868	-77.001
		39.302	-89.789
Sandford	SW Ag. Field, Regan R		
		39.278	-89.89
		39.302	-89.789
		39.335	-78.456
Hooper Br.			
		39.029	-76.927
		36.818	-76.552
		36.818	-76.552
		39.015	-76.864
		38.941	-76.741
E of Carlinville		37.848	-78.668
		39.26	-89.549
	Great Smoky Mountain	35.628	-83.1
		36.818	-76.552
24/27 E		35.245	-80.537
		38.349	-75.937
		38.692	-77.07
		42.815	-82.749
Bryson City Rd & Que		35.284	-83.487
		34.984	-80.449
		38.091	-78.493
E of Carlinville		39.26	-89.549
E of Carlinville		39.26	-89.549
Bryson City Rd & Que		35.284	-83.487
near Walhalla		34.813	-83.137
		39.148	-89.667
		34.547	-80.177
Cades Cove	Hiate lane (Abhrams Cr	35.592	-83.824
		35.543	-82.957
		30.425	-88.838
Bryson City Rd & Que		35.284	-83.487
Cades Cove	Hiate lane (Abhrams Cr	35.592	-83.824
		39.302	-89.789
roadside 321		35.76	-83.361
		38.868	-77
Cades Cove	Hiate lane (Abhrams Cr	35.592	-83.824
Cades Cove	Hiate lane (Abhrams Cr	35.592	-83.824
		37.914	-75.338
Cades Cove	Hiate lane (Abhrams Cr	35.592	-83.824
		42.815	-82.749
		35.139	-80.139
		39.137	-89.942
		39.148	-89.667
E of Carlinville		39.279	-89.796

roadside 321		35.76	-83.361	
near Walhalla		34.813	-83.137	
Cades Cove	Hiate lane (Abhrams Cr	35.592	-83.824	
		39.137	-89.942	
		39.137	-89.942	
		39.137	-89.942	
		35.416	-80.856	
Cades Cove	Barns at 1st farm parkir	35.588	-83.821	
Cades Cove	Hiate lane (Abhrams Cr	35.592	-83.824	
		39.137	-89.942	
		39.137	-89.942	
		39.302	-89.789	
E of Carlinville		39.26	-89.549	
		39.279	-89.796	
		39.279	-89.796	
	Olivet	42.4128	-84.9386	
		39.302	-89.789	
		38.349	-75.937	
		33.204	-97.082	
Chaparral Wildlife Ma		33.204	-97.081	
Hwy 385	5km S of Roswell	33.3618	-104.512	1108
		37.1769	-113.036	
	24.5mi S of Animas	31.603	-108.868	
		36.42	-114.551	
		37.268	-112.91	
San Bernardino NWR		31.336	-109.268	
		31.619	-108.867	
		37.847	-111.354	
		36.445	-115.375	
		37.14	-111.835	
		36.436	-115.353	
roadside 321		35.76	-83.361	
near Walhalla		34.805	-83.146	
		39.013	-76.824	
Bryson City Rd & Que		35.284	-83.487	
Yosemite NP	Poopenaut Vly	37.934	-119.8	1060
Yosemite NP	Tueeulala Falls	37.96	-119.779	1225
Yosemite NP	Foresta Rd	37.673	-119.79	576
Yosemite NP	Tueeulala Falls	37.96	-119.779	1225
	Farewell Bend S.P.	44.3096	-117.221	659
		34.046	-118.898	
		34.142	-118.777	
		34.112	-118.777	
		49.042	-119.511	

		36.929	-84.883	
		34.519	-80.221	
		39.302	-89.789	
		39.278	-89.89	
		34.547	-80.177	
		39.278	-89.89	
Bryson City Rd & Que		35.284	-83.487	
		39.267	-89.623	
24/27 E		35.245	-80.537	
Jeff Nat Forest		36.888	-81.138	
Jeff Nat Forest		36.888	-81.138	
		35.139	-80.139	
		39.148	-89.667	
Cades Cove	Mill Creek	35.583	-83.837	
Hwy 28 near 1VA(?)		34.349	-82.567	
		34.863	-79.836	
roadside 321		35.76	-83.361	
		39.278	-89.89	
	Great Smoky Mountain	35.628	-83.1	
roadside 321		35.76	-83.361	
		39.246	-89.918	
Ulster Ave.	From Brunswick to Man	43.66	-79.409	
Bryson City Rd & Que		35.284	-83.487	
24/27 E		35.245	-80.537	
near Walhalla		34.805	-83.146	
		43.214	-123.377	
		43.214	-123.377	
		43.214	-123.377	
		43.214	-123.377	
		34.142	-118.777	
	10 km S of Dodge	46.477	-117.731	461
		34.142	-118.777	
		34.113	-118.778	
Montague WMA		42.568	-72.519	
		39.301	-78.436	
		43.454	-91.304	
		42.567	-72.533	
		43.442	-94.873	
		42.57	-72.436	
		42.572	-72.523	
Montague WMA		42.565	-72.536	
Yosemite NP	Merced Lk Tr	37.744	-119.432	2141
Yosemite NP	Elephant Rock	37.703	-119.743	1331

		40.683	-105.398	
Konukson Park		48.79	-123.257	
Meachie Lake		48.819	-124.135	
		48.429	-123.711	
		40.602	-106.073	
		49.0983	-122.775	
		43.214	-123.377	
		49.1447	-123.06	
Yosemite NP	Andrews Peak	38.041	-119.717	2394
Yosemite NP	Hodgon Meadow			
Yosemite NP	Hodgon Meadow	37.796	-119.861	1414
Yosemite NP	Hodgon Meadow	37.796	-119.861	1414
		49.0983	-122.775	
		49.1447	-123.06	
		48.809	-123.631	
Westham Island		49.088	-123.136	
Surrey		49.098	-122.774	
		44.3933	-111.383	2032
		48.429	-123.711	
		44.2978	-116.089	
		40.602	-106.073	
		40.683	-105.398	
Meachie Lake		48.819	-124.135	
		45.067	-110.638	
		40.602	-106.073	
		49.111	-119.178	1295
		39.31	-79.458	
		45.113	-65.585	
		39.299	-79.42	
Highlands	Nature Centre	35.053	-83.188	
Cataloochee		35.628	-83.1	
		45.1198	-64.273	
Avonport		45.12	-64.273	
York University	Lawn Near CSEB	43.774	-79.505	
		49.148	-123.065	
		36.089	-81.837	
		35.053	-83.188	
		46.3642	-63.1661	
St. Ignace		46.707	-65.054	

St. Ignace		46.707	-65.054	
		46.3638	-63.1661	
		46.796	-68.4825	
Algonquin P.P.	Sitting Duck Lk.			
		51.495	-113.232	
15km S Three Hills		51.495	-113.232	702
15km S Three Hills		51.495	-113.232	702
		36.089	-81.837	
Toronto	York University	43.775	-79.504	
Toronto	York University	43.775	-79.504	
Swain Co.	Andrew's Bald	35.54	-83.494	
		41.241	-81.545	
Swain Co.	Andrew's Bald	35.54	-83.494	
		39.9929	-105.363	
		43.775	-79.5046	
Westchester				
Westchester				
Westchester				
		41.852	-85.609	
St. Ignace		46.707	-65.054	
East Leroy				
	Queen's University Biol	44.565	-76.325	
		42.539	-86.111	
St. Ignace		46.707	-65.054	
		45.0628	-64.488	
		45.135	-64.489	
Stengl Biological Strn	6ml N of Smithville			
		30.453	-88.794	
		30.396	-88.755	
near Walhalla		34.805	-83.146	
		39.335	-78.457	
394+Penn				
Grass Prairie Preserv	near Treesbank	49.691	-99.575	
Grass Prairie Preserv	near Treesbank	49.681	-99.554	
Toronto	York University	43.775	-79.504	
	Pinery Provincial Park			
		39.331	-78.46	
4mi E, 1mi S Glyndon		46.85	-96.433	
		38.864	-79.455	
		38.572	-94.715	
		36.089	-81.837	
	Pterophylla Plant Nurse	42.384	-80.344	
	Pterophylla Plant Nurse	42.384	-80.344	
Grass Prairie Preserv	near Treesbank	49.691	-99.575	
		38.962	-76.746	
		38.942	-76.892	
		33.323	-86.293	
		30.425	-88.838	
		30.396	-88.755	
		30.366	-88.732	

		30.396	-88.755	
		30.396	-88.755	
Galveston				
		34.894	-79.81	
		30.941	-83.708	
		34.579	-80.233	
		49.089	-119.534	
		49.09	-119.537	
Meachie Lake		48.819	-124.135	
		50.043	-125.326	
		48.4639	-123.563	
		48.4639	-123.563	
		48.4639	-123.563	
		48.602	-119.765	
		49.045	-119.531	780
		49.244	-119.632	925
		37.981	-75.281	
		37.882	-75.346	
Assateague Island Na				
		37.981	-75.281	
		37.981	-75.281	
		37.981	-75.281	
		37.981	-75.281	
		41.128	-72.272	
		38.891	-77.024	
		36.089	-81.837	
York University		43.772	-79.496	
		27.007	-80.102	
		27.007	-80.102	
		27.012	-80.103	
		27.012	-80.103	
		27.007	-80.102	
		27.012	-80.103	
N of Kanab	Kanab creek			
Yosemite NP	Ostrander Rocks	37.677	-119.573	2114
Yosemite NP	El Capitan	37.723	-119.637	1202
Pitt Meadows		49.25	-122.716	
		34.097	-118.813	
nr McCreadie Hot Spr Hwy 58 E of Oak Ridge				
		37.3019	-111.144	
		50.743	-120.886	

		44.948	-110.701
		39.346	-79.484
		38.809	-76.702
Weston	Brooklyn St.		
	Field, 4.5 mi NE Hyde F		
		35.284	-79.314
		37.94	-75.315
		37.98	-75.293
		27.741	-81.578
		34.6	-80.214
		37.949	-75.316
		35.088	-79.483
		30.368	-88.719
		36.031	-75.676
		37.94	-75.315
		37.95	-75.305
		34.504	-80.225
		37.938	-75.318
		38.97	-77.156
		37.914	-75.338
		39.048	-76.795
		37.98	-75.293
Winchendon	Lk. Denison Rec. Area	42.64	-72.09
Indiana Dunes NL		41.652	-87.071
		37.914	-75.338
		37.89	-75.34
		37.914	-75.338
roadside 321		35.76	-83.361
		39.193	-78.42
		39.249	-78.526
Ossining	Clemmons Garden		
		38.97	-77.156
		39.248	-78.527
	15km N of Harrisonburg	38.534	-78.704
		36.089	-81.837
	Great Smoky Mountain	35.628	-83.1
		49.196	-98.25
Hwy 64		36.6369	-104.678
		40.683	-105.398
		49.196	-98.25
		40.664	-105.189
		40.664	-105.189
		40.683	-105.398
		45.8305	-111.896

	44.969	-110.7	
	40.683	-105.398	
Pterophylla Plant Nurse	42.384	-80.344	
Blue Mtn Parkway	36.342	-81.375	
Blue Mtn Parkway	36.342	-81.375	
	49.0983	-122.792	
	49.1281	-122.418	
	49.0983	-122.792	
	49.0883	-123.164	
	48.778	-123.942	
	49.1447	-123.073	
	49.1281	-122.418	
	49.21	-122.246	
	49.0783	-122.388	
	49.21	-122.246	
	49.0983	-122.792	
	49.0983	-122.792	
	49.21	-122.246	
	49.1281	-122.418	
	49.1447	-123.073	
	39.8701	-105.466	
	49.114	-119.341	1109
	44.27	-124.108	7
10 km S of Manyberries Hwy 501	49.2613	-110.591	948
	49.071	-106.524	
10 km S of Manyberries Hwy 501	49.2613	-110.591	948
	49.071	-106.524	
	39.341	-78.464	
E of Carlinville	39.26	-89.549	
Blue Mtn Parkway	36.342	-81.375	
York University Keele C	43.7732	-79.509	
	43.1978	-90.059	
	43.454	-91.304	
	35.828	-86.291	
Ingram Trail	62.375	-113.214	
Ingram Trail	62.375	-113.214	
	64.097	-138.527	
	40.683	-105.398	
Grass Prairie Preserve near Treesbank	49.691	-99.575	
Grass Prairie Preserve near Treesbank	49.691	-99.575	
Nipsco			
	45.1189	-64.263	
Grass Prairie Preserve near Treesbank	49.681	-99.554	
Grass Prairie Preserve near Treesbank	49.681	-99.554	
	45.8305	-111.896	
	40.683	-105.398	
Grass Prairie Preserve near Treesbank	49.691	-99.575	
Grass Prairie Preserve near Treesbank	49.681	-99.554	
Grass Prairie Preserve near Treesbank	49.691	-99.575	
Grass Prairie Preserve near Treesbank	49.691	-99.575	
Zimmerman			
Sherburne NWR			

Zimmerman	Sherburne NWR		
Zimmerman	Sherburne NWR		
Conrad			
Zimmerman	Sherburne NWR		
Grass Prairie Preserv	near Treesbank	49.691	-99.575
Grass Prairie Preserv	near Treesbank	49.691	-99.575
Grass Prairie Preserv	near Treesbank	49.691	-99.575
		42.554	-86.044
		43.1978	-90.059
		37.891	-75.346
Cataloochee	Cataloochee overlook	35.64	-83.06
	Pterophylla Plant Nurse	42.384	-80.344
		43.693	-83.207
	Queen's University Biol	44.565	-76.325
		38.958	-76.744
Hwy 21		36.689	-81.178
Cades Cove	Hiate lane (Abhrams Cr	35.592	-83.824
		42.539	-86.111
		36.448	-81.029
		37.98	-75.293
Blue Ridge Pkwy		36.448	-81.029
roadside 321		35.76	-83.361
		35.543	-82.957
Reg. Delhi-Simcoe R&		45.854	-95.758
Cataloochee	Cataloochee overlook	35.64	-83.06
St. Ignace		46.707	-65.054
St. Ignace		46.707	-65.054
St. Ignace		46.7066	-65.054
St. Ignace		46.707	-65.054
Roadside		61.32	-117.605
		43.272	-81.82
		38.895	-77.046
		38.886	-77.037
		35.543	-82.957
Sheperdstown	National Conservation T		
		39.029	-76.927
		38.886	-77.034
		38.858	-76.687
		38.888	-77.045
		38.888	-77.045
		39.037	-76.872
		48.1014	-112.053
		40.602	-106.073
		49.03	-119.492
		40.602	-106.073
		49.463	-112.456
		40.602	-106.073
10 km S of Manyberri Hwy 501		49.2613	-110.591 948

		40.602	-106.073	
		49.688	-119.776	
		40.602	-106.073	
		49.243	-119.634	925
		49.688	-119.776	
Oil Field Rd.		48.1014	-112.053	1135
		50.001	-110.644	
		38.076	-110.843	
Grass Prairie Preserv near Treesbank		49.681	-99.554	
Grass Prairie Preserv near Treesbank		49.681	-99.554	
grass prairie preserve		49.681	-98.446	
Grass Prairie Preserv near Treesbank		49.681	-99.554	
Grass Prairie Preserv near Treesbank		49.681	-99.554	
		37.3459	-113.092	
Yosemite NP	Ostrander Rocks	37.672	-119.569	2104
		41.256	-122.04	125
Yosemite NP	Ostrander Rocks	37.672	-119.569	2104
Ketchum	Sawtooth Botanic Gard	43.6272	-114.355	1726
		49.243	-119.633	935
		26.303	-80.202	
		25.107	-80.264	
		25.107	-80.264	
		25.107	-80.264	
		34.547	-80.177	
		26.107	-80.264	
Westchester				
		30.53	-88.694	
		26.107	-80.264	
		34.623	-80.19	
		34.56	-80.256	
		30.366	-88.732	
		30.53	-88.694	
		26.312	-81.235	
		26.349	-80.276	
		34.504	-80.225	
		35.284	-79.314	
		26.349	-80.276	
		34.623	-80.19	
		32.139	-81.14	
		30.425	-88.838	
		38.8	-76.283	
1.6 mi SW of Lake De Sand pit		42.61	-72.1	
		39.057	-76.814	
Capon Bridge	Buffalo Gap camp			
		39.035	-76.874	
		38.8	-76.283	
		60.902	-135.432	
		60.902	-135.432	
		60.902	-135.432	
		60.902	-135.432	

Stafford Lake Park	49.728	-112.458	855
	44.8038	-111.175	
	45.825	-110.91	
6 km W Victoria CRD	48.467	-123.466	
	44.669	-118.377	
	40.602	-106.073	
	51.495	-113.232	
	49.745	-112.533	
	40.664	-105.189	
	49.207	-119.614	
	49.071	-106.529	
	36.288	-115.653	
	49.071	-106.539	
	49.071	-106.529	
	49.303	-119.626	
Stafford Lake Park	49.7276	-112.458	855
	46.903	-122.739	125
	38.991	-105.43	2671
District of Saanich	48.492	-123.345	
	49.207	-119.613	745
	49.071	-106.529	830
	44.949	-110.705	
	36.324	-115.762	
Algonquin P.P. Crossbar Lk.			
Grass Prairie Preserv near Treesbank	49.681	-99.554	
Grass Prairie Preserv near Treesbank	49.691	-99.575	
Grass Prairie Preserv near Treesbank	49.681	-99.554	
Grass Prairie Preserv near Treesbank	49.691	-99.575	
Grass Prairie Preserv near Treesbank	49.681	-99.554	
Grass Prairie Preserv near Treesbank	49.681	-99.554	
Grass Prairie Preserv near Treesbank	49.681	-99.554	
	49.09	-119.536	280
grass prairie preserve	49.681	-98.446	
grass prairie preserve	49.691	-98.425	
	51.795	-100.104	260
	49.853	-95.487	
	43.962	-87.701	
Grass Prairie Preserv near Treesbank	49.681	-99.554	
	50.476	-96.002	
Algonquin P.P. Crossbar Lk.			
	51.795	-100.104	260
	49.09	-119.536	280
	49.074	-96.766	292
	51.651	-99.945	251
	49.09	-119.536	280
	50.043	-125.326	
	49.029	-119.493	
	49.114	-119.342	
1-4mi S of Cedar Bre:			
	50.043	-125.326	
	50.049	-125.326	

	49.114	-119.341	1109
	40.683	-105.398	
	44.669	-118.377	
	49.688	-119.776	
	40.664	-105.189	
	44.3933	-111.383	2032
	40.683	-105.398	
	49.244	-119.632	
	49.244	-119.632	
	40.602	-106.073	
	40.683	-105.398	
	40.602	-106.073	
	45.067	-110.638	
	40.683	-105.398	
	44.669	-118.377	
16mi S of Animas	31.72	-108.822	
Portal			
	40.683	-105.398	
	45.861	-95.653	
	45.818	-95.703	
	32.216	-109.782	
San Bernardino NWR	31.337	-109.202	
	33.204	-97.082	
4mi E of Willcox			
	40.664	-105.189	
	37.3408	-113.103	
	40.664	-105.189	
	32.216	-109.782	
	45.818	-95.703	
	39.0085	-123.688	
Grass Prairie Preserv near Treesbank	49.691	-99.575	
	40.664	-105.189	
	40.664	-105.189	
	40.664	-105.189	
Grass Prairie Preserv near Treesbank	49.681	-99.554	
Grass Prairie Preserv near Treesbank	49.681	-99.554	
	39.87	-105.466	
	45.12	-64.273	
	45.12	-64.273	
	45.12	-64.273	
	45.12	-64.273	
Avonport	45.12	-64.273	
Avonport	45.12	-64.273	
	43.962	-87.701	
	39.028	-76.886	
	38.162	-75.17	
Ober			

Amiens	Mounted Rifles Rd.	45.087	-64.668
		49.071	-106.524
		49.071	-106.524
		43.439	-95.182
		37.0921	-91.0541
		38.967	-77.169
		45.12	-64.273
		38.961	-77.145
		38.3	-75.117
		38.899	-76.678
		38.989	-76.904
		38.899	-76.678
		38.989	-76.904
Conrad		38.891	-76.53
		38.91	-76.684
		42.57	-72.536
		42.564	-72.534
		39.248	-78.527
		39.346	-78.403
		45.12	-64.273
		41.157	-86.978
Algonquin P.P.	Florence Lk.		
SKYFIELDS ARBOR		42.622	-72.22
Cades Cove	Mill Creek	35.583	-83.837
Montville		41.511	-72.18
	Patuxent Wildlife	39	-76.7
		43.281	-81.808
Montville		41.511	-72.18
		43.003	-91.026
		42.568	-72.519
		43.263	-81.838
		43.276	-81.814
		42.564	-72.539
		42.564	-72.534
		43.26	-81.839
		43.272	-81.82
		45.12	-64.273
		41.176	-86.95
Avonport		45.12	-64.273
		43.427	-95.244
Grass Prairie Preserv	near Treesbank	49.681	-99.554
Grass Prairie Preserv	near Treesbank	49.681	-99.554
Amiens		50.628	-110.306
	Pterophylla Plant Nurse	42.384	-80.344
		26.311	-81.267
		27.43	-81.391
		27.43	-81.391
		27.02	-80.107
		27.012	-80.103
		38.931	-77.116
		43.233	-81.865
		43.234	-81.859

		37.962	-75.311	
		37.753	-78.162	
		37.958	-75.315	
		37.938	-75.318	
		30.366	-88.732	
		38.912	-76.755	
		38.536	-76.518	
		30.456	-88.784	
		37.962	-75.108	
		39.346	-78.403	
		37.962	-75.311	
near Walhalla		34.813	-83.137	
near Walhalla		34.813	-83.137	
		34.637	-80.176	
		34.984	-80.449	
		39.346	-78.403	
		39.351	-78.509	
		38.931	-77.116	
		38.931	-77.116	
	10km N of SHENANDO	38.564	-78.606	
		41.28	-95.907	
	District of Columbia	38.948	-77.08	
		60.787	-136.436	733
Blueberry farm of Mar				
Blueberry farm of Mar				
		60.902	-135.432	
Swain Co.	Andrew's Bald	35.54	-83.494	
		60.902	-135.432	
		60.902	-135.432	
Blueberry farm of Mar				
Blueberry farm of Mar				
		60.787	-136.436	733
Swain Co.	Andrew's Bald	35.54	-83.494	
		60.787	-136.436	733
		60.902	-135.432	
	St. Ignace	46.707	-71.054	
		60.902	-135.432	
		64.097	-138.527	
		60.902	-135.432	
		60.902	-135.432	
		64.097	-138.527	
	Turkey Point Provincial	42.422	-80.199	
	Turkey Point Provincial	42.422	-80.199	
		44.368	-68.23	
		37.914	-75.338	
		39.335	-78.458	
		38.978	-76.764	
		38.962	-76.75	
		39.082	-76.788	
		38.88	-86.056	
		39.303	-78.434	

		34.984	-80.449
		38.819	-95.363
		35.606	-82.455
		38.905	-76.955
24/27 E		35.228	-80.558
		30.53	-88.694
Bryson City Rd & Que		35.284	-83.487
		34.863	-79.835
		34.601	-80.258
		38.906	-95.156
		38.819	-95.363
		38.879	-76.673
Carlinville		39.278	-89.89
		32.132	-81.134
		35.606	-82.455
		35.613	-82.449
		35.611	-82.445
		34.54	-80.232
		34.894	-79.81
24/27 E		35.245	-80.537
		36.448	-81.029
		35.774	-83.213
		35.774	-83.213
Swain Co.	Andrew's Bald	35.54	-83.494
		36.089	-81.837
		39.322	-78.43
Sydney		46.145	-70.962
		39.05	-76.816
		37.912	-75.359
		39.248	-78.527
		39.302	-89.789
		38.9	-76.958
Cataloochee overlook		35.54	-83.06
		39.035	-76.874
		39.346	-79.484
Hooper Br.			
MTJ			
		38.894	-76.614
Gibbs Road	West Side from Petite C	45.435	-74.508
Cataloochee overlook		35.54	-83.06
Cataloochee	Cataloochee overlook	35.64	-83.06
Cataloochee overlook		35.54	-83.06
		39.035	-76.874
Cataloochee overlook		35.54	-83.06
		38.699	-77.048
		39.335	-78.458
		38.689	-77.024
		38.699	-77.048
Bryson City Rd & Que		35.284	-83.487
24/27 E		35.245	-80.537

Cataloochee	35.625	-83.114
	39.226	-80.843
	39.302	-89.789
	39.302	-89.789
	39.302	-89.789
Bryson City Rd & Que	35.284	-83.487
	39.302	-89.789
Finnegan's Market	45.473	-74.186
Finnegan's Market	45.473	-74.186
	38.963	-76.748
	39.049	-76.809
	39.049	-76.809
	39.212	-76.878
	39.045	-95.204
Cataloochee overlook	35.54	-83.06
Cataloochee	35.625	-83.114
Cataloochee	35.625	-83.114
	39.302	-89.789
	39.302	-89.789
Carlinville	39.246	-89.918
Cataloochee	35.625	-83.114
Cataloochee	35.625	-83.114
	38.412	-81.648
Bryson City Rd & Que	35.284	-83.487
Cataloochee overlook	35.54	-83.06
Bryson City Rd & Que	35.284	-83.487
Bryson City Rd & Que	35.284	-83.487
Cataloochee	35.625	-83.114
Cataloochee	35.625	-83.114
	39.302	-89.789
Cataloochee	35.625	-83.114
Cataloochee overlook	35.54	-83.06
	39.302	-89.789
Cataloochee	35.625	-83.114
	38.964	-76.685
Bryson City Rd & Que	35.284	-83.487
	39.302	-89.789
Gibbs Road West Side from Petite C	45.435	-74.508
Gibbs Road West Side from Petite C	45.435	-74.508
Gibbs Road West Side from Petite C	45.435	-74.508
	39.302	-89.789
Cataloochee overlook	35.54	-83.06
	39.137	-89.942
	39.267	-89.623
	39.302	-89.789
	39.302	-89.789
	39.137	-89.942
	39.302	-89.789
	39.302	-89.789
	39.302	-89.789
	39.246	-89.918
	37.912	-75.359
	39.246	-89.918
	39.246	-89.918
	39.302	-89.789

		37.891	-75.346
550 at Monocacy Rive by Creagerstown Park		39.562	-77.351
550 at Monocacy Rive by Creagerstown Park		39.562	-77.351
		39.035	-76.874
		39.035	-76.874
		37.914	-75.338
		37.98	-75.293
		37.912	-75.359
Gibbs Road	West Side from Petite C	45.435	-74.508
		38.906	-95.156
Indiana Dunes NL		41.618	-87.102
		39.035	-76.874
		39.034	-76.874
		39.226	-80.843
		42.954	-85.849
		42.181	-85.132
	RI NWR - Trustom	41.381	-71.567
Stengl Biological Stn	6ml N of Smithville		
		34.6	-80.214
Nipsco			
Zimmerman	Sherburne NWR		
		39.928	-76.668
		35.284	-79.314
		38.976	-76.749
	Park River NWR	42.738	-70.792
	Pterophylla Plant Nurse	42.384	-80.344
Grass Prairie Preserv near Treesbank		49.691	-99.575
		34.504	-80.225
		34.6	-80.214
		45.0845	-63.73
		49.147	-96.68
		43.774	-79.507
		41.607	-87.286
	Great Smoky Mountain	35.628	-83.1
St. Ignace		46.707	-71.054
		38.97	-77.156
		30.386	-88.753
		35.543	-82.957
		39.963	-75.177
E of Carlinville		39.26	-89.549
		38.99	-76.752
		39.551	-79.299
		36.448	-81.029
		39.056	-76.82
		38.99	-76.752
	York University Keele C	43.775	-79.504
roadside 321		35.76	-83.361
		37.938	-75.318
Bryson City Rd & Que		35.284	-83.487
E of Carlinville		39.279	-89.796
		39.248	-78.527
Blue Mtn Parkway		36.342	-81.375
York University	CSEB	43.774	-79.505

near Walhalla		34.805	-83.146	
	Pterophylla Plant Nurse	42.384	-80.344	
near Walhalla		34.805	-83.146	
		38.412	-81.648	
Hwy 21		36.689	-81.178	
		35.543	-82.957	
Pitt Meadows		49.224	-122.747	
Toronto	Marlee St.	43.6994	-79.439	
	Farewell Bend S.P.	44.3096	-117.221	659
		39.376	-80.909	
		38.99	-76.752	
	York University Keele C	43.773	-79.509	
		38.412	-81.648	
		38.412	-81.648	

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Depth Precision	GPS Source	Coordinate Accuracy	Event Time
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Collection Date Accuracy	Habitat	Sampling Protocol	Collection Notes
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Site Code	Collection Event ID
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BOLD TaxonID Tree

Title : SEARCH: Process ids(1283 ids) [SEARCH3]
Date : 12-July-2017
Data Type : Nucleotide
Distance Model : Kimura 2 Parameter
Marker : COI-5P
Codon Positions : 1st, 2nd, 3rd
Labels : ProcessID
Filters : Length > 200
Colorization : [blue]=Stop Codons [red]=Contamination or misidentification

Sequence Count : 1279
Species count : 110
Genus count : 1
Family count : 1
Unidentified : 0

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2 %

Lasioglossum pavoninum|DIAL944-06
Lasioglossum pavoninum|DIAL941-06
Lasioglossum pavoninum|DLIII1148-08
Lasioglossum versatum|DLII390-07
Lasioglossum versatum|DLII554-07
Lasioglossum versatum|DLII553-07
Lasioglossum versatum|DLII437-07
Lasioglossum callidum|DLII017-06
Lasioglossum versatum|DIAL1230-08
Lasioglossum versatum|DIAL969-06
Lasioglossum versatum|DIAL910-06
Lasioglossum versatum|DIAL911-06
Lasioglossum versatum|DIAL829-06
Lasioglossum versatum|DIAL585-06
Lasioglossum versatum|DIAL591-06
Lasioglossum callidum|DIAL771-06
Lasioglossum versatum|DIAL1020-06
Lasioglossum versatum|BOWGF419-09
Lasioglossum versatum|BOWGF425-09
Lasioglossum versatum|LASNA040-08
Lasioglossum versatum|LASNA030-08
Lasioglossum versatum|DLIII1480-08
Lasioglossum versatum|DLIII1358-08
Lasioglossum versatum|DLIII1393-08
Lasioglossum versatum|DIAL809-06
Lasioglossum versatum|DIAL457-06
Lasioglossum versatum|DIAL483-06
Lasioglossum versatum|DIAL521-06
Lasioglossum versatum|DIAL523-06
Lasioglossum versatum|DIAL770-06
Lasioglossum versatum|DIAL559-06
Lasioglossum versatum|DIAL558-06
Lasioglossum versatum|DIAL773-06
Lasioglossum versatum|DIAL560-06
Lasioglossum versatum|DIAL574-06
Lasioglossum versatum|DIAL590-06
Lasioglossum versatum|DIAL608-06
Lasioglossum versatum|DIAL620-06
Lasioglossum versatum|DIAL619-06
Lasioglossum versatum|DIAL618-06
Lasioglossum versatum|DIAL614-06
Lasioglossum versatum|DIAL1096-06
Lasioglossum versatum|DIAL622-06
Lasioglossum versatum|DIAL906-06
Lasioglossum versatum|DLII720-07
Lasioglossum versatum|DIAL581-06
Lasioglossum versatum|DIAL1092-06
Lasioglossum versatum|DIAL1018-06
Lasioglossum versatum|DIAL626-06
Lasioglossum versatum|DIAL1022-06
Lasioglossum versatum|DIAL1023-06
Lasioglossum callidum|DIAL1048-06
Lasioglossum callidum|DIAL1053-06
Lasioglossum callidum|DIAL1015-06
Lasioglossum callidum|DIAL499-06
Lasioglossum versatum|DIAL592-06
Lasioglossum versatum|DIAL621-06
Lasioglossum callidum|DIAL775-06
Lasioglossum callidum|DIAL512-06
Lasioglossum callidum|DLIII1339-08
Lasioglossum callidum|DLIII1384-08
Lasioglossum versatum|DIAL1085-06
Lasioglossum versatum|DLII557-07
Lasioglossum versatum|DLIII1421-08
Lasioglossum versatum|DIAL623-06
Lasioglossum callidum|DIAL1047-06
Lasioglossum versatum|DIAL391-06
Lasioglossum versatum|DIAL349-06
Lasioglossum versatum|DLII556-07
Lasioglossum versatum|DIAL1035-06
Lasioglossum versatum|DIAL1024-06
Lasioglossum versatum|DIAL1090-06
Lasioglossum versatum|DIAL1021-06
Lasioglossum callidum|DIAL482-06
Lasioglossum callidum|DIAL467-06
Lasioglossum callidum|DIAL462-06
Lasioglossum versatum|DIAL1019-06
Lasioglossum versatum|DIAL904-06
Lasioglossum versatum|DIAL893-06
Lasioglossum callidum|DIAL1046-06
Lasioglossum callidum|DIAL1012-06
Lasioglossum callidum|DIAL810-06
Lasioglossum callidum|DIAL774-06
Lasioglossum versatum|DIAL808-06
Lasioglossum versatum|DIAL772-06
Lasioglossum callidum|DIAL1044-06
Lasioglossum versatum|DIAL901-06
Lasioglossum versatum|DIAL1097-06
Lasioglossum callidum|DIAL880-06
Lasioglossum versatum|DIAL758-06
Lasioglossum versatum|LASNA028-08
Lasioglossum versatum|DLII706-07
Lasioglossum versatum|DIAL1087-06
Lasioglossum versatum|DIAL1038-06
Lasioglossum versatum|DIAL1093-06
Lasioglossum callidum|DIAL465-06
Lasioglossum versatum|DIAL575-06
Lasioglossum versatum|DIAL627-06
Lasioglossum versatum|DIAL587-06

Genome

Genome

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Genome