DEBITAGE VARIABILITY AMONG MULTIPLE FLINT KNAPPERS

By

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To the Faculty of Washington State University:

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Table of Contents

Page

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DEBITAGE VARIABILITY AMONG

MULTIPLE FLINT KNAPPERS

Abstract

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Five flint knappers produced both multidirectional cores and early stage bifaces. The debitage assemblages were compared to evaluate if, and to what degree, the debitage created by one flint knapper varies from that of the other flint knappers. The debitage from these reduction episodes was then analyzed with commonly used and replicable debitage attributes. Each knapper was evaluated in terms of his/her individual consistency and tested for each ratio scale debitage attribute to ensure that the variability found between knappers was not a product of variation within the assemblages of the individual knappers. The debitage from the individual flint knappers was found to be highly variable between knappers for both technologies. Attempts to predict knappers by their debitage assemblages alone were unsuccessful, however, with a larger population of flint knappers this could occur. This study suggests that variability between flint knappers must be considered when designing lithic reduction experiments and with further research could develop into a tool for understanding the debitage of prehistoric peoples.

List of Tables

Page

Page

Page

List of Figures

Page

Page

CHAPTER ONE

INTRODUCTION

Though many studies have focused on variability created by stone tool production and curation, very few have focused on differences created by individual knapping styles. Previous studies have shown that technological variability may be related to knapper variability (Gilreath 1994; Olausson 1998; Redman 1998; Shelly 1990). The lithic artifacts found within the archaeological record have been made by innumerable flint knappers. I believe that these flint knappers learned from and taught one another over generations. This learning process may have resulted in many techniques and styles of flint knapping which may be responsible for some of the variability which can be seen within the archaeological record. It is therefore crucial that archaeologists understand the extent to which knappers create variability in lithic technology and which variables, if any, change from one knapper to the next. Although variation caused by knappers' stylistic differences is likely present in both the tools produced and the debitage created during the manufacturing process, the focus of this study was the debitage variability.

For the purposes of this study, debitage is defined as any byproduct of the stone tool reduction with the exception of the tool or tools produced and/or the exhausted core (Andrefsky 2005: 16). Debitage is often the most prevalent artifact at archaeological sites (Andrefsky 2001 : 2; Johnson 2001: 16) and is often the only artifact found which can characterize the lithic technology at a site (Andrefsky 2009: 80). Therefore, understanding the amount of variability among debitage which is caused by different

knappers is imperative to better understanding the archaeological record. Variability in debitage assemblages are often interpreted to be indicative of the production and use of different lithic technologies at the site (Dibble and Pelcin 1995a; Kuijt et al. 1995; Moore 2002; Patterson 1990), different raw material types, nodule (package) size and shape (Pelcin 1997) and different phases of reduction (Evans et al. 1997). If debitage differences originate partially from variation among the knappers, then this too must be understood. Oftentimes interpretations of the amounts and types of lithic debitage are used to make statements of great importance archaeological sites, including the type of mobility patterns and the frequency of movements by the groups (Eerkins et al. 2007; Parry and Kelly 1989).

Unique styles of flint knapping may be traced through vertical and horizontal learning processes (Boyd and Richerson 1985). If this is the case, archaeologists may one day be able to identify and trace individual styles of lithic production and ultimately groups of people on the archaeological landscape. This study takes initial steps in this direction by investigating variability in debitage, specifically the morphological characteristics created by different knappers.

This problem is addressed by the collection and analysis of controlled replication studies of artifacts created by modern flint knappers. There are advantages to using an experimental approach because the amount of debitage collected, raw material variability, and the amount of samples from each flint knapper can all be controlled for in an experimental population. The disadvantage to using modern flint knappers is that assumptions about the amount of variability among modern flint knappers must be made. Is there more variability among modern flint knappers than prehistoric flint knappers, or

less? Does our ability to communicate over great distances affect the process of learning and spreading lithic techniques? Are modern flint knappers consistent in their flint knapping strategies? Is there an effect on the learning processes of flint knappers because there are few, if any, flint knappers in North America who create stone tools to survive? Within this study, it is assumed that while there may be differences among prehistoric and modern flint knappers, the degree to which flint knappers of these periods vary is the same. As the creator of archaeological debitage assemblages cannot be known by the analyst, experimentally produced assemblages are used to make inferences about prehistoric assemblages.

This study focused on three goals. It assessed to what degree the debitage created by different flint knappers varies and whether or not the debitage varies in a predictable manner. This study also evaluated whether or not a flint knapper can be identified by his/her debitage alone—ultimately, it sought to determine whether a debitage assemblage is diagnostic of its knapper and, if so, to what degree. To address these questions, assemblages of debitage from two types of objective pieces (multidirectional cores and early stage bifaces) were produced. All debitage attributes examined in this study were initially evaluated for replicability. This was done to ensure the utility of this study to archaeologists, as the entire value of the study lies in the application of the findings to archaeological data sets. If replicability of the analysis cannot be achieved, then the effort to answer these questions is futile.

The degree to which debitage varies in the in prehistoric past is imperative in understanding the archaeological record due to the sheer volume of debitage data available for study. The variability in debitage may be misinterpreted as technological

differences when it may instead be due to the style of different knappers. It is therefore vital that the relationship between technological variability and between knapper variability be better understood. The first essential step in achieving this understanding is demonstrating that the variability in debitage attributes between knappers exists.

CHAPTER TWO

PAST APPROACHES TO DEBITAGE ANALYSIS

According to Jay Johnson, "debitage is often the most numerous categories in any site collection…" (2001: 16). This being said, Johnson continues, stating that there are few diagnostic types (ibid: 16). These two statements seem to be diametrically opposed, in that the most numerous of artifact types should be the one lacking in diagnostic types. The fact that there are few diagnostic types renders debitage one of the least informative artifact types in the prehistoric archaeological record, despite the fact that it is the most numerous.

Experimental lithic analysis is not a new method in archaeology. The first instance of a scientist utilizing personal knapping experience can be found in the writings of Nilsson, who reported on the production of rifle flints (Johnson 1978: 337). William Henry Holmes was also one of the first to recognize the importance of lithic tool replication (Johnson 1978: 340). His flint knapping expertise allowed him a greater understanding of stone tool manufacture. He outlines the process through which a core or flake blank can become a projectile point along with the process and tools required to do so (Holmes 1894: 128). Warren (1914) furthered the study of lithic replication with the following statement: "It appears to me that an investigation of the elementary principles which underlie all flint chipping is no less important for the solution of the problems that are before us…" (412). The rest of the publication continues to outline the importance of knapping studies, examining the condition of the raw material, various fraction types, and the proper method for flaking (Warren 1914).

Efforts to better understand lithic tool variability were rekindled in the 1960's by the works of those like Don Crabtree and Francois Bordes. The work of Don Crabtree in the 1960's was instrumental for modern flint knapping experiments. His early experiments included work with heat treating, reproduction of Folsom points, raw material choice and tools of the flint knapper (Crabtree 1964, 1966, 1967a, 1967b). Replication in lithic studies regained popularity in the 1960's largely due to the efforts in training flint knappers and reestablishing the practice in archaeology (Whittaker 1994: 60).

In his 1989 article entitled "Experiments in Lithic Reduction," Odell addressed the question of whether or not debitage from multidirectional cores and bifaces could be distinguished. He found that several non-metric characteristics can be used to discern bifacial debitage from core reduction debitage, including dorsal scarring along the perimeter, hinge termination frequency, and the presence of bulbar scars. Odell also concludes that major differences lie in the size and weight of debitage (Odell 1989: 183).

Steven A. Tomka, in the same volume, compares the debitage created from the reduction of a multidirectional core, a lenticular chert nodule into a biface, and a flank blank into a Dawson dart point (1989: 137). Tomka records flake type, dorsal cortex, cortex location, dorsal scar count, and maximum linear dimension. Tomka also analyzes the platforms, including the platform facet count, degree of platform grinding, and platform cortex (1989). Despite the small sample size of only three assemblages, the article comes to valid conclusions about the flake types produced from the reduction of various lithic technologies. Several of the goals of the current study are closely aligned with the goals of Tomka's (1989) article: to better understand the debitage created from

various reduction types for the purpose of archaeological assemblages and possibly create a formula for the prediction of debitage created from the reduction technologies.

Bradbury and Carr (1995) also sought to understand the variability in flake type between core and tool production. In this article, the authors make use of the Sullivan Rosen Technique for flake classification (Bradbury and Carr 1995). The authors also make the point that while some of the variability is likely due to the difference in technologies represented by the assemblages, much of the variability could be due to variation in the raw material or the individual styles of different knappers (Bradbury and Carr 1995: 112).

In Mauldin and Amick (1989), the authors replicate three cores in an attempt to understand the variability of debitage throughout various reduction stages and within the three assemblages. Despite being knapped by the same individual, using the same general reduction strategies, one of the three cores is found to have significantly different debitage when flake types are considered (Amick and Mauldin 1989: 83). The authors admit that the only parameters not controlled were the size and shape of the initial nodules (Amick and Mauldin 1989: 68). It can be concluded from this study, then, that the differences were the result of either differences in the nodule or unnoticed changes in individual flint knappers' style from one core to the next.

Dibble and Pelcin (1995b) explained the variability in flake weight through changes in hammer velocity and weight. The study concludes, however, that hammer velocity and weight have very little to do with the weight of the flake and that this could be more likely attributed to variability within flake exterior platform angle and platform thickness (Dibble and Pelcin 1995b; Dibble 1997). Pelcin (1997) continues the analysis

through an addition of core surface morphology into the study. Pelcin observes that flake length and platform thickness increased for both core types, core surface morphology affected flake length, and that flake weight increased with platform thickness regardless of core morphology (1997: 752). Pelcin also suggests that flake weight is the most accurate measure of how much material was removed (1997: 754).

The Sullivan and Rosen Technique is a simple classification method for flakes (Sullivan and Rosen 1985). The Sullivan and Rosen Technique (SRT), has only three flake types: complete flakes, broken flakes, and angular shatter (Sullivan and Rosen 1985). In their paper Amick and Mauldin (1997) made use of the SRT to analyze the flakes. The raw material used varied, and included the following: several cherts, chalcedonies, basalts, and obsidians (ibid 1997: 18). Both cores and bifaces were produced and analyzed (ibid 1997). Amick and Mauldin (1997) evaluated the degree to which raw material selection affects flake type. The difference between the reduction of bifaces and cores was shown to account for the majority of the variability found within the assemblages. The reduction of cores resulted in many more pieces of split flakes and angular shatter as well as less complete and proximal flakes (ibid 1997). While not as statistically significant as the effect of the type of reduction, changes in raw material also had an effect on the type of flakes produced. Basalt and quartzite bifaces produce larger numbers of split flakes, featuring about twice the expected frequency (ibid 1997: 20). Obsidian cores feature a lower frequency of split flakes and proximal flakes than expected (ibid 1997: 20). Amick and Mauldin also review a concept known as "strategy of reduction," which they define as the "patterned sequences in flint knapping related to changing tools and tactics" (1997:21). Amick and Mauldin state that while this is an

important source of variability within lithic assemblages, it is difficult to recognize (1997:21).

In shifting from replication studies to studies of artifact style, debitage makes a noted disappearance from the discourse. Much of the focus here has been on tool diversity or the process of tool making itself, not the debitage created from it. David E. Young and Robson Bonnichsen attempt to better understand the choices and behaviors made and adopted by flint knappers while producing a stone tool (1985). They suggest that there are limited techniques with which a flint knapper can create a tool, but through performing these techniques in different orders and preferring the use of one technique over others, flint knappers cause variability (Young and Bonnichsen 1985:93). In their earlier 1984 study, Young and Bonnichsen attempt to understand the artifact morphology through an understanding of the behaviors which produced the artifacts (Young and Bonnichsen 1984). This study evaluates the behaviors through which the artifacts were made through artifact morphology, specifically focusing on debitage.

In a study devoted to determine the effects of hammer type on debitage, Kimberly Redman discovered that many of the variables used in the study were significantly affected by the individual knapper who produced the tool (1998: 89). Redman goes on to list those variables which are not affected by knapper variability, "…maximum thickness, bulb thickness, thickness at midpoint, dorsal scar count, relative bulb thickness, and relative bulb height" (Redman 1998:89). Michael Shott agrees that there is variability among knappers, stating, "Obviously knappers do not produce identical results" (Shott 1994: 73). With the exception of the abovementioned work of Gilreath (1994), Olausson

(1998), Redman (1998), and Shelly (1990), very little work on the variability of individual flint knappers has been done.

In the past, while archaeologists have admitted the potential for differences among stone tools caused by knapper variability, they have argued that understanding it is beyond the scope and purpose of archaeology (Goodman 1944: 415). Archaeology, however, has moved past this cultural historical ideology, seeking to understand the sources of variability instead of just using variability within artifacts as indications of time.

One possible venue to understand the variability between the reduction of lithic material at a site is through the debitage left behind. As pointed out by Shott (1994), debitage is found in far greater frequency at archaeological sites than are stone tools. Therefore, though debitage may or may not be less sensitive to the variation between knappers, the sheer volume of data demands that its use in understanding personal variability be tested. Flenniken (1985) argues that debitage may be more diagnostic than morphological tool types, so if there is differentiation between the debitage of knappers this may be due to cultural affiliation. As debitage is so plentiful within the archaeological record, multiple data sets could be combined or compared. This makes it highly important that the attributes used to analyze the debitage within this study be highly replicable, not time consuming to measure, and can be easily understood.

CHAPTER THREE

RESEARCH DESIGN

The research goals of this study were to evaluate whether or not, and to what degree, different flint knappers have an effect on the debitage they produced in controlled replication experiments. To answer these questions, the assemblages of several different flint knappers were needed. Five flint knappers, four from the Pullman, Washington area and one from Lexington, Kentucky were asked to create debitage assemblages. This sample includes some knappers who have knapped together and some who have not. In order to understand how different technologies can affect the variability between two knappers, each knapper was asked to reduce 5 multidirectional cores and 5 early stage bifaces. In this way the variability between the knappers can be evaluated independently for each technology and then compared between technologies to understand whether or not knappers are more variable in terms of debitage attributes for one technology or the other.

Replication Experiments

Overall, 48 assemblages were collected and coded, providing data from five knappers. Each flint knapper randomly received cobbles from a population of cobbles deemed to be suitable for multidirectional core reduction. While each of the cobbles varied slightly in size and shape, they were handed out randomly and were comprised of

the same raw material which was taken from the same source. Each flint knapper was randomly assigned five nodules from two groups (A and B). Nodules within group A were flat and lenticular (Figure 1). These nodules were used to produce early stage bifaces. Nodules from group B were more rounded. Group B nodules were used for the production of multidirectional or rotated cores. (Figure 2). Nodules selected for group A were thinner and more elongated, while those chosen for group B were more globular. Prior to the experiment, the knapper was allowed a chance to knap one of

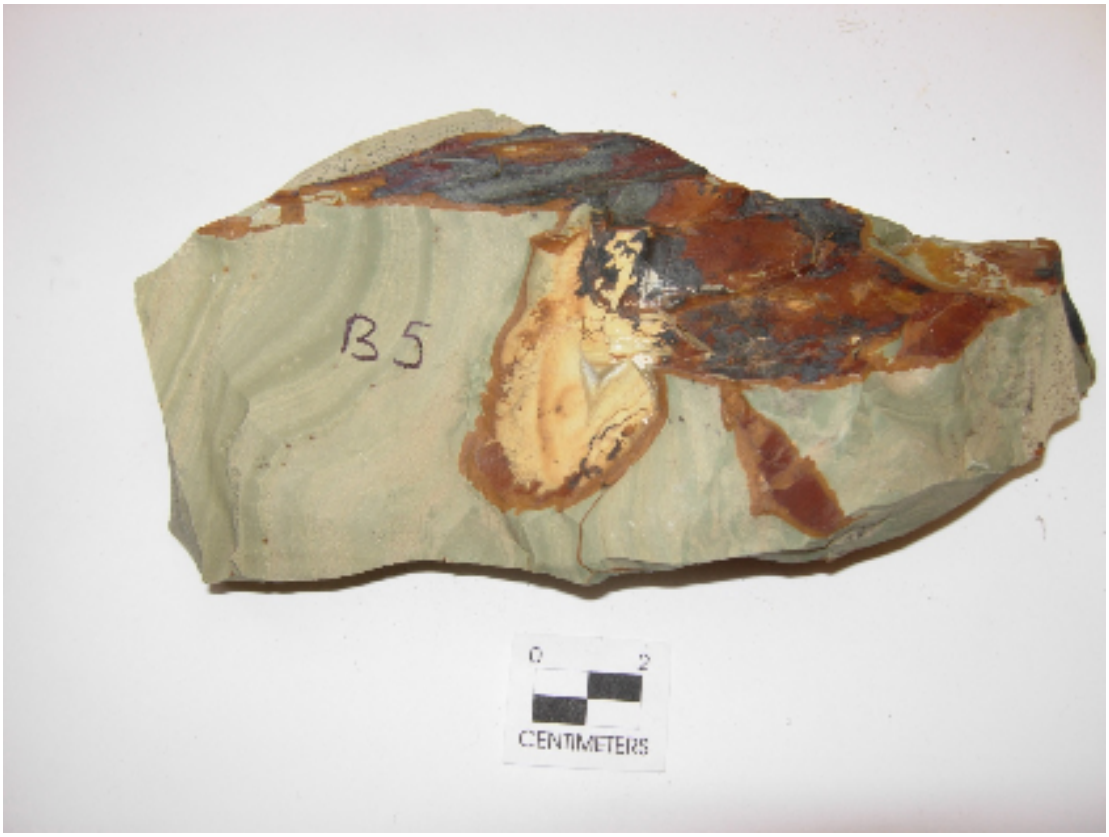

Figure 1. A Nodule from Group A.

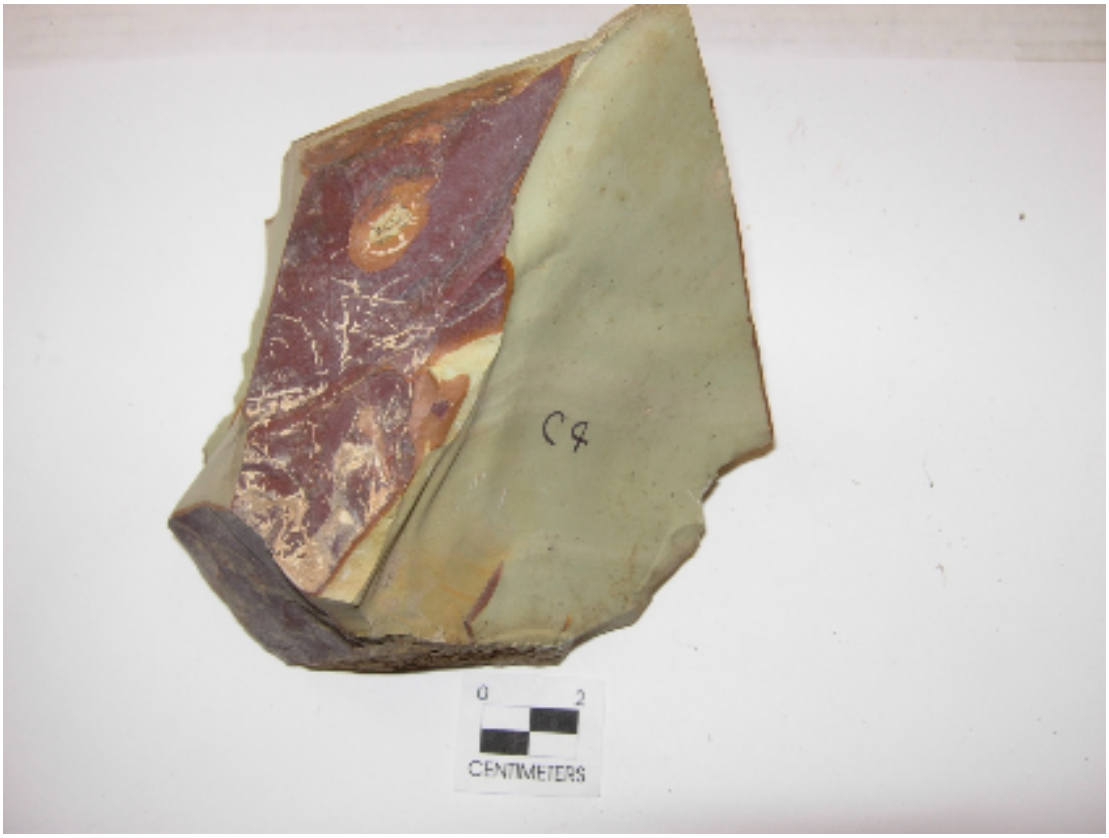

Figure 2. A nodule from Group B.

the nodules not selected for experimentation so as to familiarize himself/herself with the breakage patterns of the raw material. By assigning knappers nodules from each of the two groups randomly, some of raw material shape and size variability, also known as package variability, was accounted for; however, in hindsight, more efforts to control this variability would have been beneficial.

The goals for the reduction of each technology type were clearly outlined for the knapper. For multidirectional core reduction, each flint knapper was told to remove flakes from the core in an attempt to gain as many 'useful' flakes as possible. 'Useful' flakes were defined as those with a maximum dimension of over four centimeters. The core was

reduced until the flint knapper deemed that this was no longer possible or the risk of hand injury required him/her to stop knapping.

When producing an early stage biface, the knappers were told to produce a biface which could be further reduced for all of the following uses; further reduction for useable flakes, reduction of the core into a projectile point, or the production of a biface suitable for chopping and cutting. The knappers were further instructed to make the traditional bifacial form, defined as having only two sides and only a single edge.

Collection Methodology

All flakes from each reduction episode were collected individually by strike. The exhausted core or finished biface was also collected after each reduction episode. Each reduction episode consisted of the production or reduction of a single biface or multidirectional core. The method of collection was constant from one assemblage to the next.

Before knapping, a scaled picture was taken of both sides of the objective piece and the weight of the objective piece was taken in grams. If either the biface or core was not completed due to unintended fracture, then the experiment was concluded at that point.

During the experiment, each flake was labeled and collected by either the author or another person designated by the author. All flakes were collected after every strike. Those flakes that did not exceed ¼" in minimum linear dimension were not collected after every strike, but were instead collected after the entirety of the experiment had been

completed. All experiments were performed over top a plastic sheet or some other controlled surface such that all flakes were collected. Anytime the knapper switched from one hammer to another it was noted. Thus for all flakes for which the order of removal was known, the type of hammer used, either hard or soft, was also recorded.

All the raw material used for this experiment was taken from the area around the Owyhee River in eastern Oregon, specifically from the area known as Shadscale Flats. The chert is rather coarse grained, varying in color from light green to dark green. The cortex is a dark brown and the amount of coverage on each nodule is variable. Flakes of dark blue were also noted on the surface area around the procurement area, but no nodules of this color were found. Typically with this raw material, the darker the color, the more fine grained the nodule is. Some nodules contain dark brown veins of some sort of inclusion. The chert itself is quite hard. During replications, it was found that softer hammer stones often broke, but harder hammer stones and billets, of both moose and deer antler, were found to be effective. As previously stated, to avoid bias, the best nodules were selected beforehand, sorted into technologically specific groups, and then randomly assigned to individual knappers.

Debitage Attribute Selection

Because the true utility of this study lies in its use as a comparative guide for understanding variability among several knappers, all the attributes used must be replicable. Replicable attributes are those that are clearly defined enough so that several analysts can look at a specimen or specimens and classify it/them identically. If the

attributes are not easily understood and easily measured by others, then the true goal of this study as a tool for understanding knapper variability cannot be accomplished. For this reason, literature on the replication of debitage attributes was considered in detail in an effort to use attributes that are replicable. Some attributes which the author of this study felt were important in understanding the variability of debitage between knappers had not been evaluated; consequently, a small study of the replicability of these attributes was conducted in order to ensure their suitability for the analysis.

A series of potential debitage attributes were assessed for recording replicability. In terms of replicability, attributes which can be measured and expressed in terms of metric measurements are most easily replicated (Dukeman 2002). An example of such an attribute, and one which is widely accepted to be a useful and replicable measurement in terms of lithic technology, is that of mass or weight (Odell 2003: 126). This is not, however, true of all metric measurements, since some measurements which can be quantified are not as easily measured as weight. The difficulty of measuring these attributes may lie in many aspects of the measurement, including the physical location of the linear measurement or the variability of the angle to be measured on the flake. A good example of such a measurement lies in the angle of the striking platform. The measurement of this angle has been found to be difficult to replicate from one analyst to another and has even been shown to vary when one analyst is presented with the same flake several times (Andrefsky 2005: 92). If this amount of variance can be found when recording flake attributes that can be quantified, then the recording of nominal and ordinal flake attributes, such as flake type and dorsal cortex amount, must have very specific definitions to ensure replicability.

Several papers studying the replicablity of debitage attributes have been written. Of these papers, the earliest was that of Fish (1978). In this study, three archaeologists analyzed ninety flakes, twice, within a period of three years. The results were then compared from one episode of analysis to the next. Fish reported that both a few quantitative and qualitative attributes showed discrepancy, of which cortex coverage was one (Fish 1978: 87). Signa Larralde stresses the importance of well thought out definitions as the key for replicable attributes (1986: 247). Larralde also reports that one of the most difficult types to differentiate between are distal flake fragments and angular debris (1986: 246). In response to this, the definitions of the equivalent flake types, angular shatter, and flake fragments have been simplified within this study. Odell (1989) also addresses issues of replicability, requiring a 95% agreement rate between three researchers before the attributes were accepted.

In his 2002 thesis, Casey Dukeman examined the replicablity of several commonly used lithic attributes. In general, Dukeman found that the most replicable attributes were those that could be measured using quantitative metric measurements (Dukeman 2002). The metric measurements which were examined included the following: flake width, flake thickness at midpoint, platform width and depth, dorsal scar count, and platform angle. Of those metric measurements, only platform depth was found to be not replicable (Dukeman 2002). Platform angle was determined to be replicable, but had the lowest correlation of those attributes found to be replicable (Dukeman 2002). The non-metric attributes studied included platform condition, platform preparation, platform facet count, platform lipping, flake termination, and dorsal scar direction. Only two of the non-metric attributes, platform condition and flake termination, were found to be

replicable. The attributes which were shown by Dukeman (2002) to not be replicable were not included with this analysis.

To better control his experiment, Dukeman (2002) only dealt with complete flakes. The current study deals with the entire gamut of debitage and therefore requires the consideration of flakes other than those that are complete. A typology of flakes was used to deal with this issue. In the conclusion of Dukeman's (2002) study, he outlines the common traits which non-metric replicable attributes possess. He argues that categorical typologies can be improved by reducing the amount of types there are for the researcher to choose from (Dukeman 2002). The most replicable flake typology, therefore, would include very few types of flakes.

Platforms have been recognized as very diagnostic attributes of flake analysis (Pelcin 1997; Tomka 1989). It has also been noted, however, that despite their utility, platform attributes are difficult to measure consistently (Andrefsky 2005: 90; Cochrane 2003; Gnaden and Holdaway 2000). In an effort to prevent untested attributes from causing issues of replicability to appear in this study, a replicability experiment was performed before the analysis was conducted. Four different striking platform attributes were examined. The first three attributes were taken from Tomka (1989). Tomka divides the analysis of platforms into three attributes: the presence or absence of cortex, the presence or absence of grinding, and a categorical measure of the amount of facets on the platform (Tomka 1989). While these attributes cover all of the platform features present in the platform types, they do not include the size of the platform. According to several authors (Dibble 1997, Dibble and Pelcin 1995b, Odell 1989, Pelcin 1997, Shott et. al. 2000), platform size is indicative of original flake size and is therefore important in

analysis. Though all the authors agree that the size of the platform is indicative of the original size of the flake, they disagree on how to best measure platform size. Dibble and Pelcin (1995b) use an equation in which the size is calculated through exterior platform angle and platform thickness (Dibble and Pelcin 1995b: 431). Pelcin (1997) later admits, however, that exterior platform angle is quite difficult to measure and needs to be improved. Other researchers agree, stating that platform angles are only slightly replicable (Dukeman 2002: 24), more productively left out for the inclusion of other platform attributes (Andrefsky 2005: 92), or simply not measurable despite the attempt of several techniques (Odell 1989: 168). The only platform angle measuring technique which has been shown to be replicable is that which is illustrated by Conchrane (2003). The process involves the use of a microscope, and is likely very time consuming. While it may be useful when dealing with small assemblages of flakes, flakes are not usually found in small assemblages. Odell (1989: 168) measures platform area by measuring the distance between the convergence of the two lateral edges and then taking a measurement of distance perpendicular to this measurement at its maximum distance. While Odell (1989: 168) does achieve a 95% agreement measuring these attributes, he only considers those platforms that are considered to be a plane. Therefore, in an effort to maintain replicability, the maximum linear dimension of the platform will also be recorded in addition to the attributes outlined by Tomka (1989).

To ensure the replicability of these qualitative attributes, a test was conducted. Ten participants from Washington State University were asked to take the test, and ten flakes were selected from the assemblages of Knapper 1 as test specimens. Each participant was asked to analyze the three nominal and ordinal platform attributes and

record their answers. The three attributes tested within the replicablity test were the presence or absence of cortex on the platform, the presence or absence of abrasion on the platform, and the amount of facets on the platform. By making platform type three different attributes, replicablity should increase. The first attribute was presence or absence of cortex on the striking platform. Abrasion was considered present on a striking platform if there was a sign of the striking platform having been ground smooth. Facet amount, the third attribute, was divided into four categories: those flakes that have one, two, three, or greater than four total facets. A facet was defined as any planar surface; therefore a flat striking platform would have a single facet. Only facets with a single dimension greater than two millimeters were considered. The depth of the facet was not considered a dimension, thus a facet which was more than 2mm deep, but not 2mm in any other dimension, was not considered to be a facet.

The results showed that the presence or absence of cortex was highly replicable, presence or absence of abrasion was slightly replicable, and the amount of facets was not replicable at all. For presence or absence of cortex on the platform, there was 94 percent agreement among the analysts. This means that for the 10 questions posed to the 10 analysts, only six times did an analyst not agree with the answer given by the majority of the analysts (Table 1). Because the presence or absence of cortex is highly replicable, it will be included in the analysis. Analysts could only agree on platform abrasion for 78 of the 100 questions (Table 2). This was considered replicable enough that it was included within the final analysis. It was concluded that the definition of abrasion was simple enough to allow replicable measurements. The amount of facets on a platform was found to be not replicable at all, as it achieved agreement with the majority answer for only 51

out of the 100 questions (Table 3). In light of these results, presence or absence of cortex and the presence or absence of abrasion were included in the analysis, and the number of facets on the platform was not.

Eight attributes were selected for the analysis of the assemblages created by the knappers. The eight attributes were all deemed replicable by either the above mentioned test or that of Dukeman (2002). The eight attributes were: flake type, cortex amount,

Table 1. Analyst Answers for Presence or Absence of Platform Cortex.

Analyst	F1	F2	F3	F4	F5	F6	F7	F8	F8	F10
1	Yes	No	Yes	Yes	No	No	Yes	No	No	No
2	Yes	No	Yes	Yes	No	No	Yes	No	No	No
3	Yes	No	Yes	Yes	No	No	Yes	No	No	No
4	Yes	No	Yes	Yes	No	No	Yes	No	Yes	No
5	No	No	No	Yes	No	No	Yes	No	No	No
6	Yes	No	Yes	Yes	No	Yes	Yes	No	No	No
7	Yes	No	Yes	Yes	No	Yes	Yes	No	No	No
8	Yes	No	Yes	Yes	No	No	Yes	No	No	No
9	Yes	No	Yes	No	No	No	Yes	No	No	No
10	Yes	No	Yes	Yes	No	No	Yes	No	No	No
#majority answer	9	10	9	9	10	8	10	10	9	10

Table 2. Analyst Answers for Presence or Absence of Platform Abrasion.

Analyst	F1	F2	F3	F4	F5	F6	F7	F8	F8	F10
1	No	No	Yes	No	No	Yes	No	Yes	Yes	No
2	No	No	No	No	No	No	No	Yes	No	No
3	No	Yes	No	No	No	Yes	No	Yes	Yes	No
4	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	No
5	No	Yes	No	No	Yes	No	No	No	No	No
6	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No
7	No	No	No	No	No	No	No	No	Yes	No
8	No	No	No	No	No	No	No	Yes	No	No
9	No	No	No	No	No	No	No	Yes	No	No
10	No	Yes	No	No	No	No	No	No	No	No
#majority answer	9	5	8	8	8	6	10	8	6	10

Table 3. Analyst Answers for Platform Facet Count.

Analyst	F1	F2	F3	F4	F5	F6	F7	F8	F8	F10
1	2	2	3	1	3	1	3	2	2	1
2	2	1	2	1	2	4	3	2	1	1
3	2	1	4	3	2	4	4	4	4	2
4	2	3	4	2	4	4	3	2	3	1
5	1	1	2	3	1	1	1	2	1	1
6	1	2	4	2	1	3	2	2	2	1
7	4	3	2	2	1	4	3	1	1	1
8	1	3	2	1	2	1	3	2	2	1
9	1	4	2	1	4	4	1	4	3	1
10	1	2	3	1	4	4	4	2	3	1
#majority answer	5	3	5	5	3	6	5	7	3	9

weight, maximum linear dimension, maximum linear width, platform maximum linear dimension, the presence or absence of cortex on the platform, and presence or absence of abrasion on the platform.

Flake type, the first attribute, had three possible types: proximal, flake shatter, and angular shatter. The first, proximal flakes, were defined as pieces of debitage which exhibit both single dorsal and ventral sides and exhibit evidence of a platform. These flakes do not have to be complete (Andrefsky 2005). The second flake type, flake shatter, was defined as those pieces of debitage which exhibit single dorsal and ventral faces, but lack evidence of a platform. The final flake type, angular shatter, was defined as those pieces lacking single dorsal and ventral faces. To better illustrate the process an analyst should use when determining flake type, a figure was provided (Figure 3).

The next attribute examined was dorsal cortex coverage. Dorsal cortex coverage was divided into four categories (Andrefsky 2005: 106). Those with no dorsal cortex were placed into category one. Those with 1%-50% coverage of dorsal cortex were placed into category two. Flakes with cortex coverage amount ranging 51%-99% were

placed into category three. Finally, those with complete dorsal cortex coverage were placed into category four.

Four different ratio scale measurements were also made on the flakes. The first, maximum linear dimension, was defined as the longest length on the flake. The

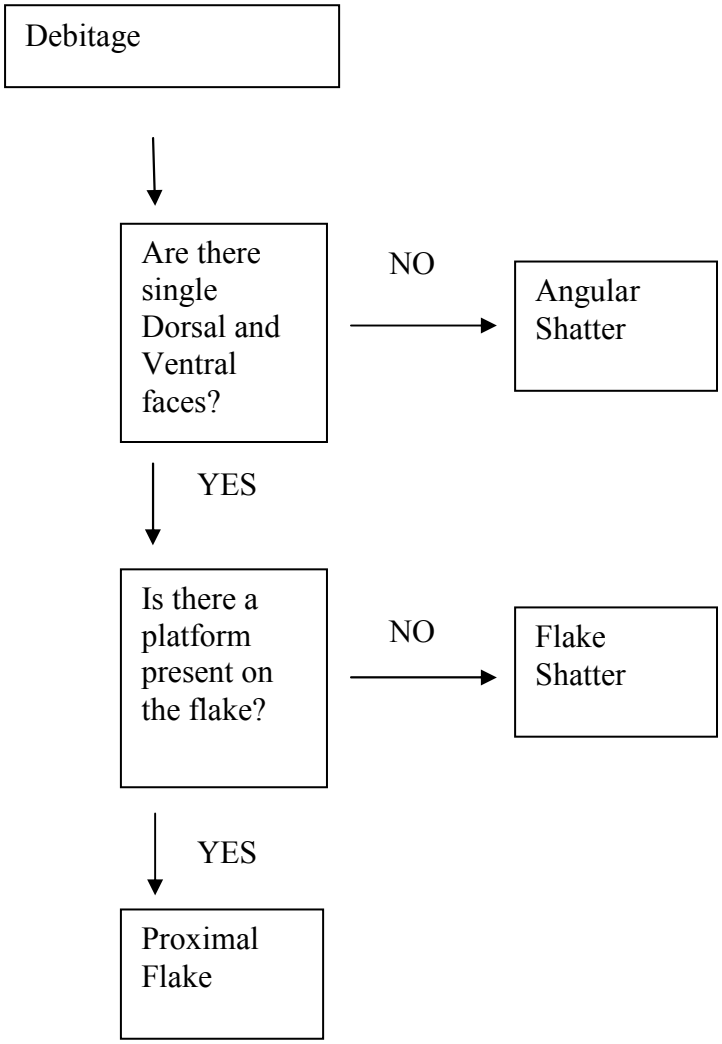

Figure 3. Analysis Guide for Flake Type

second, maximum linear width, was the longest length on a flake which was perpendicular to the maximum linear length. The final length, maximum platform dimension, was only taken on proximal flakes, as they are the only flakes to feature a platform. Maximum platform dimension was simply defined as the longest length on the platform. The last ratio scale attribute was that of weight, which was recorded individually for each flake in grams.

The final two attributes were also on the platform. The presence or absence of cortex on the platform and the presence or absence of abrasion were both recorded for all proximal flakes. The presence or absence of cortex on the platform was recorded as either yes or no, and cortex was defined as any portion of the raw material which has been subjected to chemical or mechanical weathering (Andrefsky 2005: 254). Like the presence or absence of cortex, the presence or absence of abrasion was recorded as either yes or no. Abrasion was defined as the platform showing signs of being ground smooth. By recording these seven attributes, the variability between the knappers could be seen more definitively.

CHAPTER FOUR

DEBITAGE VARIABLITY

Several different statistical tests were used to evaluate the degree to which the debitage varied between knappers. The first of these was the ANOVA F test. In this particular experiment, the origin of the samples is known in that the debitage was systemically collected; thus the question asked of the test is slightly different than its typical use. In the context of this study, ANOVA is used to evaluate whether or not the samples would appear to be from the same population if found archaeologically. Essentially, this is the same question as to whether or not these assemblages appear to have come from the same population.

In order to run ANOVA, there were a few requirements of the data being calculated that had to be met. First, there had to be enough data in each of the assemblages. For this reason, any assemblage with less than thirty flakes was removed from the sample. This only resulted in the removal of one assemblage, from the population of Knapper 5. The second requirement for the ANOVA test was that the data be as normally distributed as possible. As noted by Stephen Shennan (1997: 94), archaeological data is often positively skewed, with a long tail extending out in the positive direction. Therefore, all of the ratio scale data was transformed by taking the square root of the value (Shennan 1997: 94), before the ANOVA tests were run. This had a greater effect on the smaller samples, as the larger samples were less influenced by the lack of normality.

Due to the fact that two different technologies are utilized, the assemblages were analyzed separately so that any variability between the two technologies would not result in a bias in the analysis. Two technologies are examined in order to determine whether flint knapper variability is more prevalent among one reduction type or another. Therefore, the amount of debitage variability found among assemblages of flint knappers and between the individual flint knappers was compared across the two reduction types. The purpose of including two different technologies is not to compare the assemblages of the two tool types, but to provide two different types of reduction in which variability between the different knappers could be seen. To account for raw material variability when comparing the population of the various flint knappers, all debitage assemblages of each flint knapper were combined (by reduction type) into a single analytical assemblage. Because all the assemblages of a particular reduction type of a single knapper were combined, any difference between the nodules was less of a bias. The result of this combination was a more clear representation of the effects of the decisions made by the flint knappers during the reduction process.

Debitage Variability between Knappers

To determine if debitage attributes varied between different flint knappers, it was important to first determine whether each flint knapper produced a uniform debitage signature within each of the four ratio scale attributes. If a single knapper produced great amounts of debitage variability over several reduction episodes, this variability would influence any analyses between flint knappers. To determine if the flint knappers were

variable within any the ratio scale attributes, ANOVA tests were run between the debitage assemblages of each knapper for both multidirectional cores and bifaces. If the flint knapper was consistent for a given variable, then the assemblages from each of the reduction events would appear to be the same population within the ANOVA test. If the assemblages did not appear to be from the same knappers, then the knapper was variable for that attribute. Those knappers which were found to be highly variable from one assemblage to the next for a given attribute were eliminated from some of the ANOVA tests for that attribute. Each ANOVA test for each variable was run with all the knappers and then run again without those knappers deemed to be variable within their own assemblages.

After it was determined which knappers were highly variable for which attributes, the ANOVA tests between knappers were completed. For the purposes of these tests, all assemblages for each knapper were combined for each technology. All four ratio scale attributes were compared across knappers using an ANOVA F test. The relative frequency of flake types, cortex classes, platform abrasion and platform cortex coverage were also compared. The ANOVA tests between knappers demonstrated that there is variability between the knappers and to what degree the debitage assemblages of the various knappers varied.

All of the ratio scale attributes were averaged for each of the assemblages for each knapper for both technologies. These averages were transformed into Z-scores and then analyzed using a PCA analysis. Weight did not work well in this analysis, as it has a curvilinear relationship with maximum linear length and width, skewing the PCA analysis (this is discussed below). PCA analysis was used on both technologies, to see if

the assemblages of knappers would cluster away from those of other knappers, showing that the debitage assemblages of each knapper were statistically different and unique from those of others. This PCA analysis addresses the final goal of the study, which was to evaluate whether or not knappers could be identified by their debitage alone.

The relationships between the ratio scale attributes are crucial to understanding the analysis of the debitage assemblages to follow. Comparison plots for all four ratio scale attributes for both multidirectional cores and early stage bifaces were created. For bifaces, between maximum linear dimension and maximum linear width, there is a strong positive linear relationship, with a P-value less than .001 and R-squared value of .7522 (Figure 4). The relationship between maximum linear dimension and weight is also positive, though it is curvilinear in shape with a P-value of less than .001 and an R-squared value of .5076. Maximum linear width and weight also have a curvilinear relationship, with a P-value less than .001 and an R-squared value of .5187.

For multidirectional cores, the relationships between the variables are very similar. The relationship between maximum linear dimension and maximum linear width is linear and positive, with a P-value of less than .001 and an R-squared value of .7745 (Figure 5). The relationship between maximum linear dimension and weight is curvilinear with a P-value of less than .001 and an R-squared of .5954. The relationship between weight and maximum linear width is also curvilinear with a P-value of less than

.001 and an R-squared value of .6228. This indicates that these three attributes,

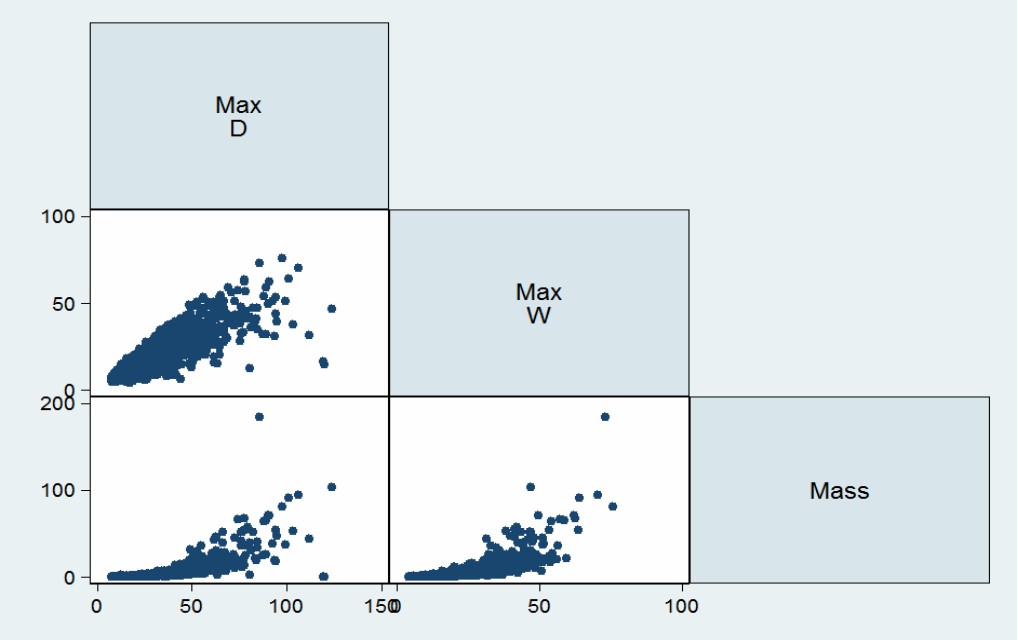

Figure 4. The Relationships of Maximum Dimension, Maximum Width, and Weight for Bifacial Assemblages.

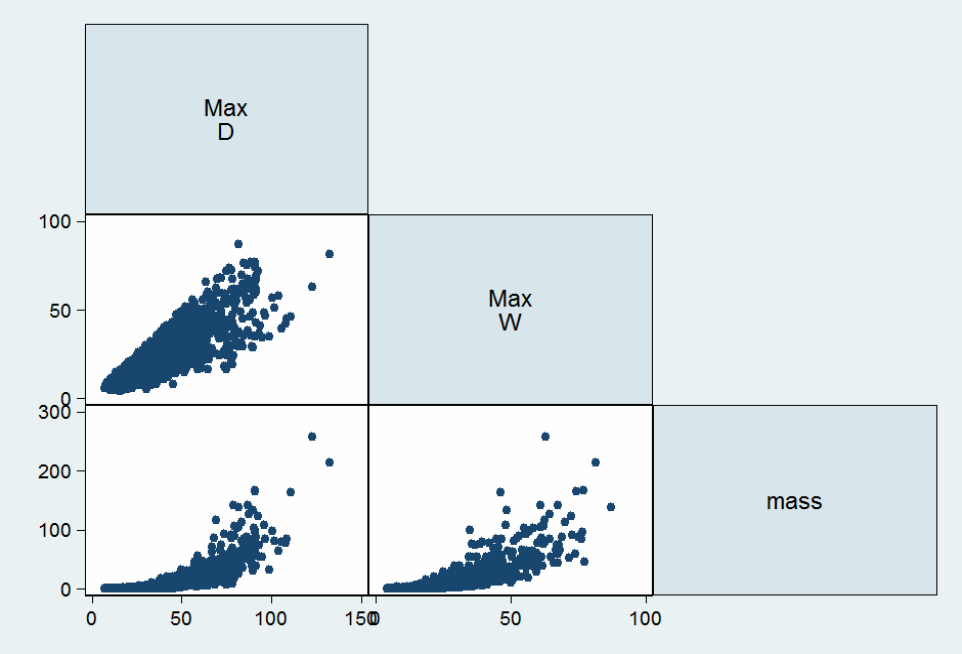

Figure 5. The Relationships of Maximum Dimension, Maximum Width, and Weight for Multidirectional Core Assemblages.

maximum linear dimension, maximum linear width, and weight are related such that as one increases, the others do as well.

With an understanding of the relationships of three of the ratio scale attributes, it is also important to test the data to better understand the influence of non-knapper variability. Like nodule package size and shape, a flake's position along the sequence of reduction can affect its size and shape, which can introduce variability into the data set. The sequence of reduction can affect the sample in that as the nodule is reduced, flakes will logically get smaller; therefore, this may have an effect on the overall data set. Because the majority of the flakes were collected in sequence by strike, the sequence of reduction is known. The flakes that were missed by the collector during the experiment and therefore are out of sequence were eliminated from this study. A single assemblage was chosen at random from each technology type and evaluated to better understand the effect of the sequence of reduction on each ratio scale attribute. Assemblage 5 was randomly chosen from the cores, and Assemblage 22 was randomly chosen from the bifaces.

To evaluate the strength of the relationship between the ratio scale attributes and sequence, each flake was ordered by strike and then graphed on a scatterplot with time, or strike number, as the x-axis, and the measurement for the attribute, measured in either mm or grams, as the y-axis. Assemblage 5 for the multidirectional cores was

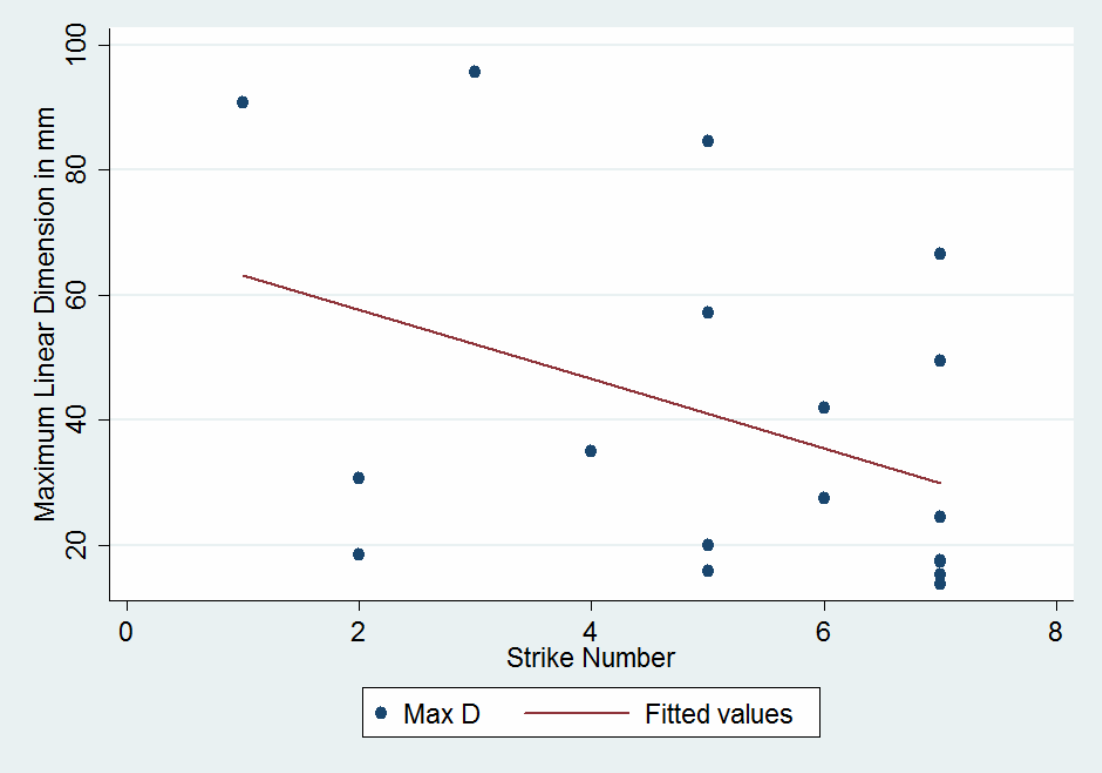

Figure 6. Maximum Linear Dimension and Strike Number for Assemblage Number 5 for Multidirectional Cores With Line of Best Fit. N=18.

evaluated first. Maximum linear dimension was demonstrated to be only weakly negatively correlated with the sequence of removal, with an R-squared value of .1608 and a P-value of .0991 (Figure 6). Maximum linear width was not highly correlated with R-squared value of .1809 and a P-value .0785 (Figure 7). Weight featured the highest negative correlation with an R-squared value of .2680 and a P-value of .0278 (Figure 8). Due to the low number of proximal flakes in this sample, a different assemblage was chosen for this attribute. Multidirectional core assemblage number 7 was used and resulted in a minimal negative correlation with an R-squared value of .0055 and a P-value of .6256 (Figure 9). From this small sample, it appears that the sequence of

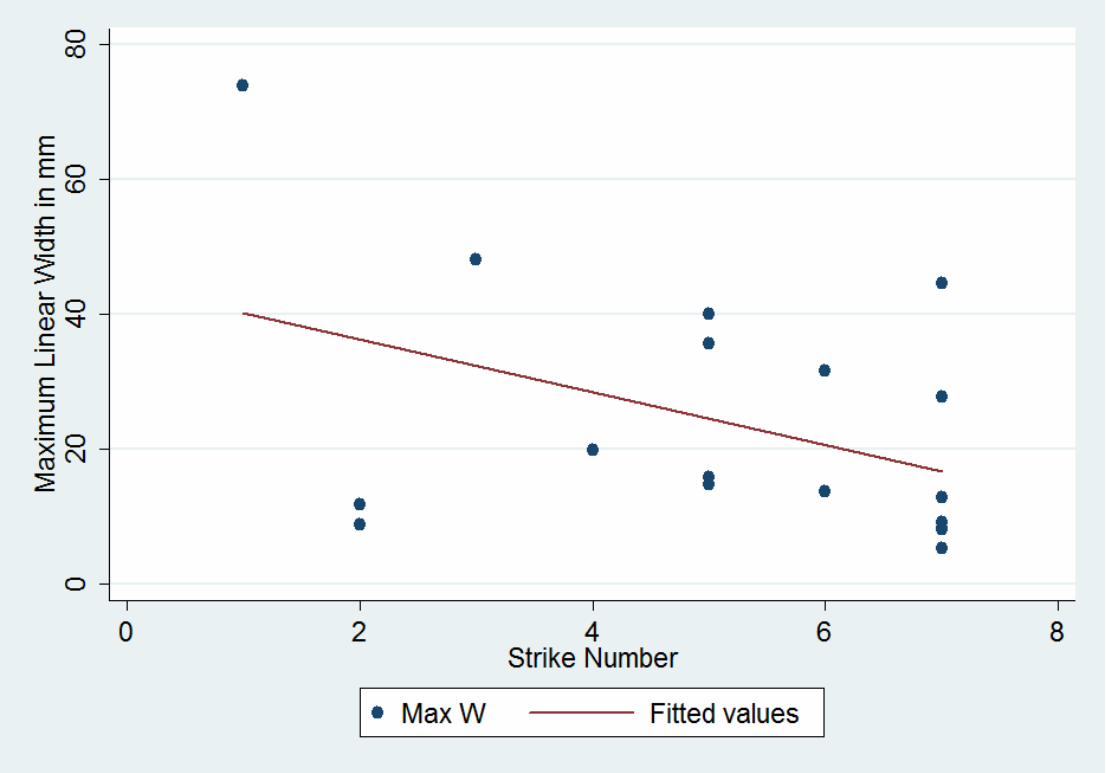

Figure 7. Maximum Linear Width and Strike Number for Assemblage Number 5 for Multidirectional Cores with Line of Best Fit. N=18.

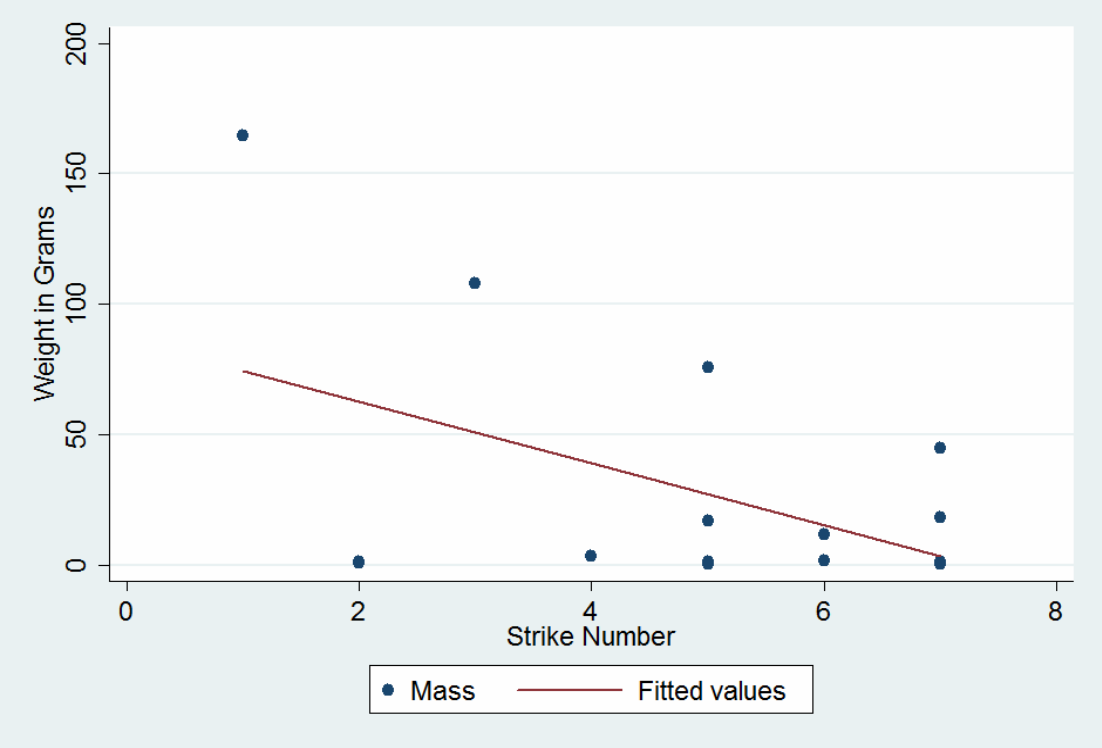

Figure 8. Weight and Strike Number for Multidirectional Cores N=18.

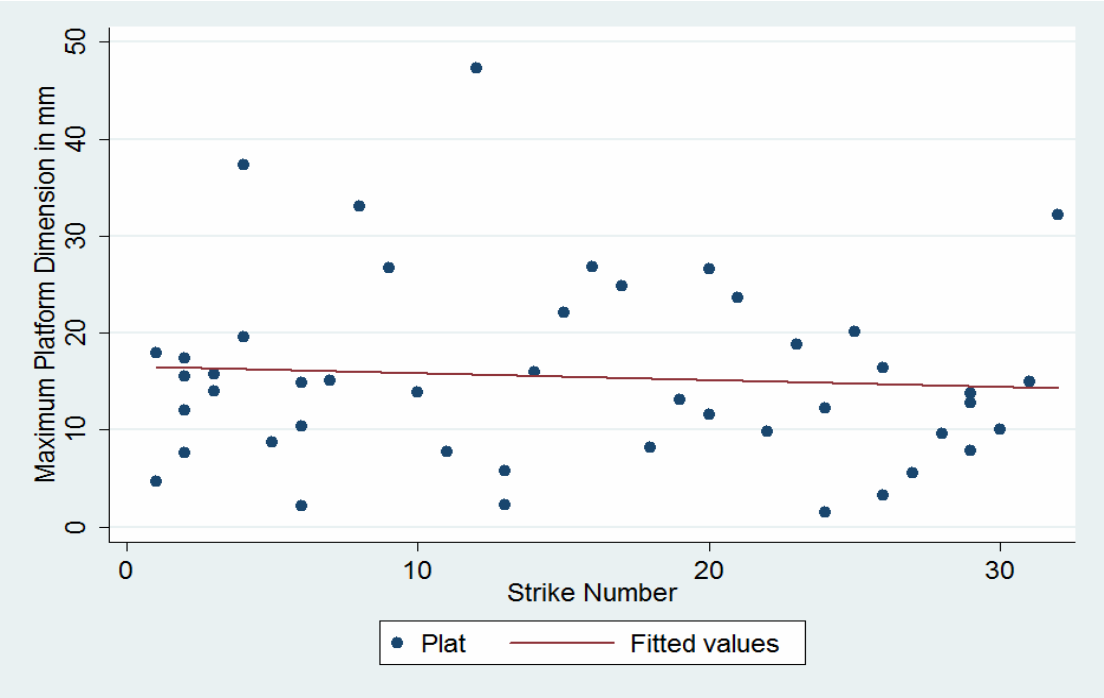

Figure 9. Maximum Platform Dimension and Strike Number for Multidirectional Cores with Line of Best Fit N=47.

reduction has little effect on the variability of the ratio scale attributes for multidirectional cores.

The same four attributes were tested for early stage bifaces as well. Maximum Linear Dimension resulted in a slight positive correlation with an R-squared value of .0283 and a P-value of .3200 (Figure 10). Maximum linear width also indicated a slightly positive correlation with an R-squared .0005 and a P-value of .8994 (Figure 11). Weight was slightly negatively correlated with an R-squared value of .2680 and P-value of .0278 (Figure 12). Platform maximum linear dimension was slightly negatively correlated with strike number with an R-value of .0164 and P-value .5900 (Figure 13). It appears that,

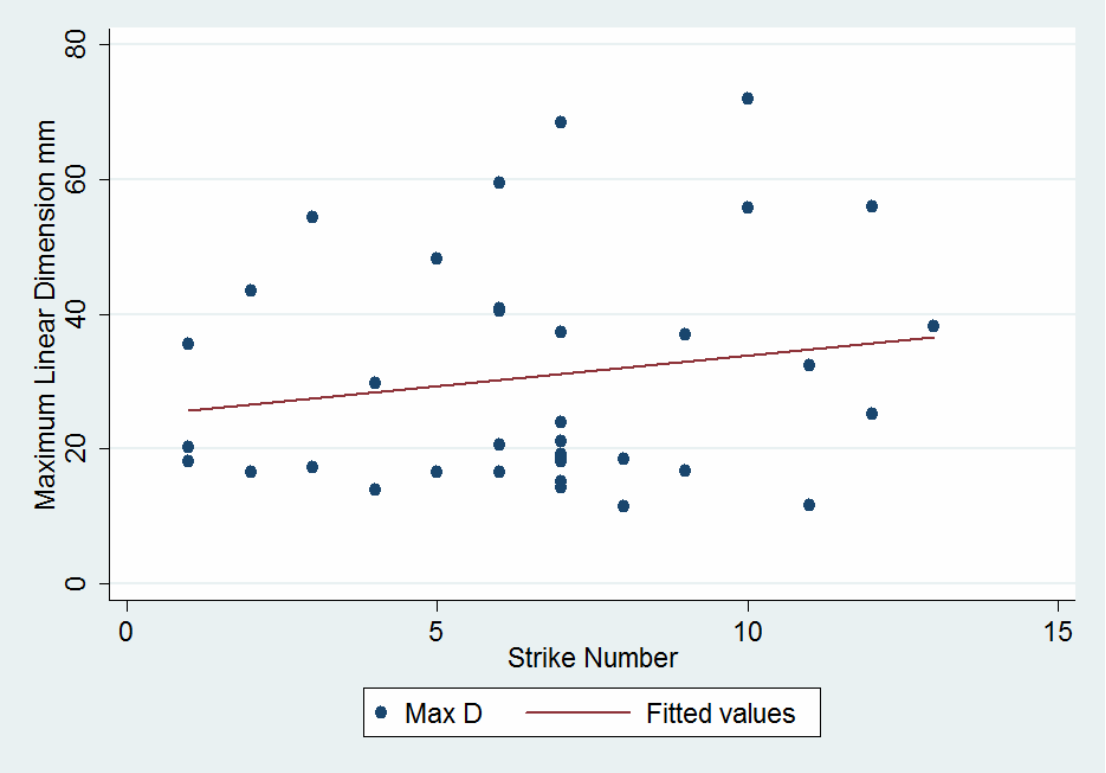

Figure 10. Maximum Linear Dimension and Strike Number for Early Stage Bifaces with Line of Best Fit. N= 37.

like multidirectional cores, the debitage assemblages created from early stage bifaces are not heavily affected by the stage of reduction.

While only one assemblage from each technology was examined, it appears that the stage of reduction has little morphological effect on the variability of the debitage created. The minimal effect of the sequence of reduction eliminates a potential bias for the overall study.

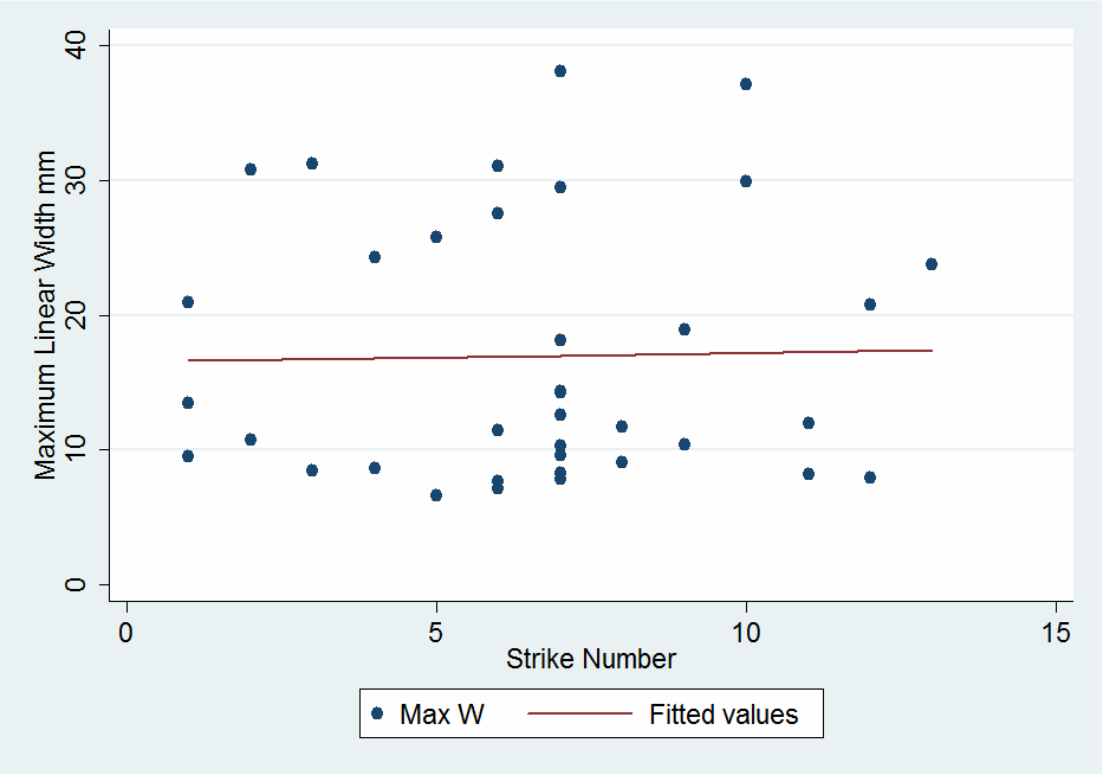

Figure 11. Maximum Linear Width and Strike Number for Early Stage Bifaces with Line of Best Fit. N=37.

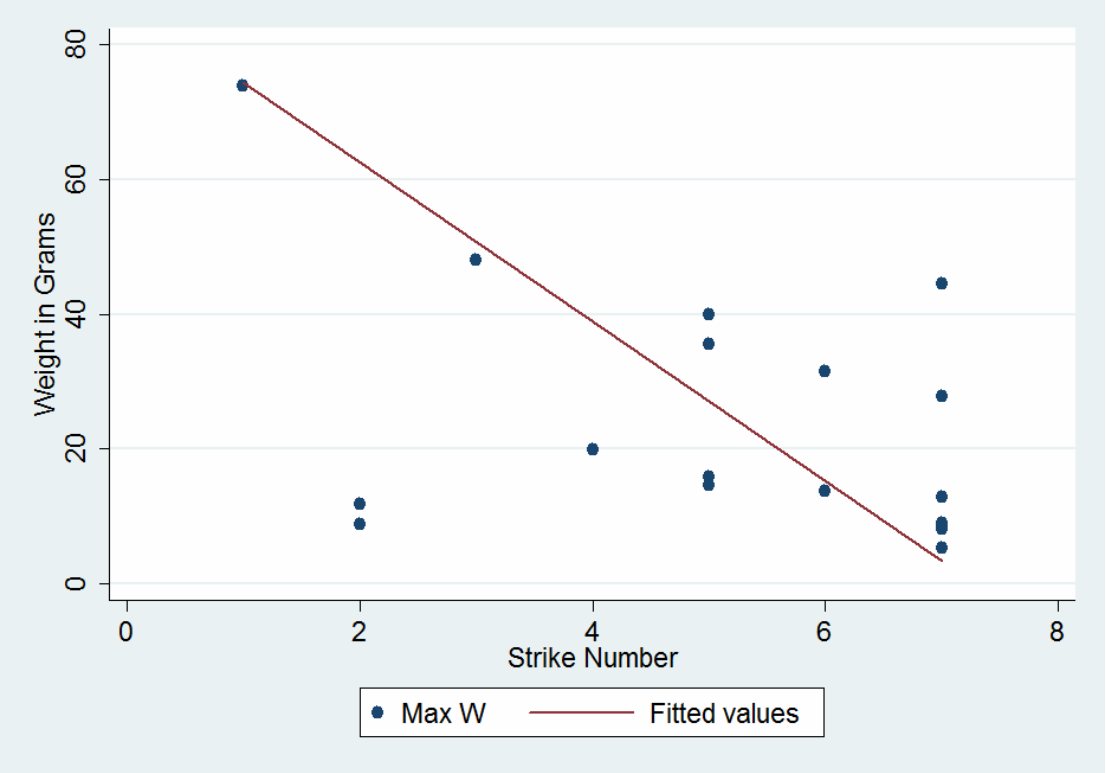

Figure 12. Weight and Strike Number for Early Stage Bifaces with Line of Best Fit.

N=37.

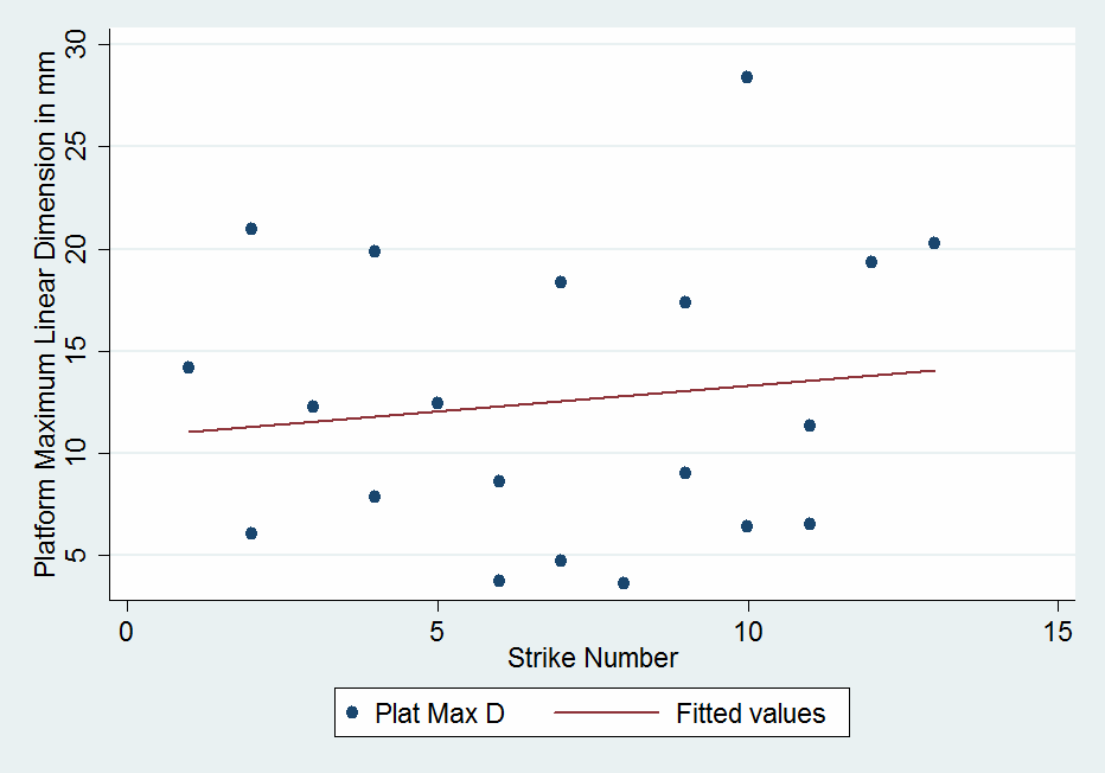

Figure 13. Platform Maximum Linear Dimension and Strike Number for Early Stage Bifaces with Line of Best Fit. N=20.

Debitage Variability within a Single Knapper

To understand how uniform each knapper's debitage was, ANOVA tests were run. Each of the ratio scale variables--maximum linear length, maximum linear width, weight, and platform maximum linear dimension--was tested for each knapper for both multidirectional cores and early stage bifaces. To normalize the data, the square root was taken of all the measurements.

Overall, Knapper 1 was the most variable of the knappers within multi-directional core technology (Table 4). Knapper 1 was significantly variable for both platform maximum linear dimension and weight. Both maximum linear length and maximum

linear width are variable though not significant at the .05 level. For multidirectional cores, the debitage of Knapper 1 was variable for the attributes of platform maximum linear dimension and weight. This variability means that from one multidirectional core to the next, Knapper 1 does not produce flakes that are consistent in term of these attributes. Because of this inconsistency, when examining the variability between knappers, the debitage of Knapper 1 will be removed from the analysis, as the variability introduced by Knapper 1's inconsistency cannot be accounted for.

Table 4. Variability within the Multidirectional Assemblages of Knapper 1.

Attribute	F-Score	P-value
Maximum Linear Length	1.85	.1191
Maximum Linear Width	1.73	.1442
Platform Maximum Linear Dimension	4.28	.0025
Weight	2.71	.0304

Table 5. Variability within the Bifacial Assemblages of Knapper 1.

Attribute	F-Score	P-value
Maximum Linear Length	.04	.9604
Maximum Linear Width	.25	.7787
Platform Maximum Linear Dimension	4.28	.0025
Weight	.81	.4454

The debitage for the early stage bifaces were much less variable than that of multidirectional cores for Knapper 1 (Table 5). None of the variables were shown to be from separate populations at or below a .1 significance level, except for platform maximum dimension. Largely, the debitage from the bifaces is similar across all 3 of the assemblages of Knapper 1.

The debitage from multidirectional nodules from Knapper 2 was more similar than that of Knapper 1. Weight among the multidirectional cores was found to be highly variable (Table 6). Maximum linear dimension and maximum linear width were considered to be variable at the .1 level of significance, meaning that the debitage were consistent enough to be included within the analysis between the assemblages made by the various knappers.

For the early stage biface assemblages, both platform maximum dimension and weight were found to be variable at the .05 level, which signified that the debitage of

Table 6. Variability within the Multidirectional Cores for Knapper 2.

Attribute	F-Score	P-value
Maximum Linear Length	2.34	.0549
Maximum Linear Width	2.06	.0856
Platform Maximum Linear Dimension	1.13	.3437
Weight	3.39	.0097

Table 7. Variability within Initial Stage Bifaces for Knapper 2.

Attribute	F-Score	P-value
Maximum Linear Length	.1251	.181
Maximum Linear Width	1.2	.3087
Platform Maximum Linear Dimension	4.77	.0009
Weight	3.00	.0182

Knapper 2 was highly variable in the attributes of maximum platform dimension and weight (Table 7).

The assemblages of Knapper 3 were not as variable as those of Knapper 1 or 2. None of the attributes for either multidirectional cores or initial stage bifaces were found to vary at a significant level (Table 8 and Table 9). None of the attributes for either technology are significant at the .1 level. The attributes for Knapper 3 for both multidirectional cores and initial stage bifaces were uniform enough that any variability between the knappers can be interpreted.

Knapper 4 demonstrated little variability within the multidirectional core technology. None of the variables varied significantly at the .05 or the .1 level, indicating that the multidirectional core assemblages of Knapper 4 were consistent in terms of debitage variability (Tables 10 and 11).

For early stage bifacial technology, Knapper 4 was moderately variable. None of the attributes were significantly variable at the .05 level but were at the .1 level. Maximum linear length and maximum linear width were variable at the .l level.

Table 8. Variability within Multidirectional Cores for Knapper 3.

Attribute	F-Score	P-value
Maximum Linear Length	1.26	.2845
Maximum Linear Width	.23	.9213
Platform	.36	.8384
Maximum Linear Dimension		
Weight	.17	.9530

Table 9. Variability within Initial Bifaces for Knapper 3.

Attribute	F-Score	P-value
Maximum Linear Length	1.55	.1857
Maximum Linear Width	.65	.6275
Platform	.60	.6599
Maximum Linear Dimension		
Weight	1.78	.1307

Knapper 5 was not variable across any of the attributes for multidirectional cores. None of the attributes varied significantly at the .1 level (Tables 12 and 13). For the early bifacial assemblages, only one of the assemblages varied significantly at the .1 level and none were found to be variable at the .05 level. Only four of the assemblages were considered for the initial stage bifaces, as the fourth broke early in

Table 10. Variability within Multidirectional Cores for Knapper

Attribute	F-Score	P-value
Maximum Linear Length	1.05	.3786
Maximum Linear Width	.50	.7391
Platform	.71	.5885
Maximum Linear Dimension		
Weight	.17	.9542

Table 11. Variability within Initial Bifaces for Knapper 4.

Attribute	F-Score	P-value
Maximum Linear Length	2.23	.064
Maximum Linear Width	2.27	.0607
Platform	1.73	.1424
Maximum Linear Dimension		
Weight	1.86	.1158

the production sequence and only resulted in a single flake. In order to avoid biases, assemblage four was removed from the bifacial assemblages. For the purposes of this analysis, all attributes found to vary significantly at the .05 level will not be considered in forthcoming ANOVA analysis between the different

Table 12. Variability within Multidirectional Cores for Knapper 5.

Attribute	F-Score	P-value
Maximum Linear Length	1.05	.3786
Maximum Linear Width	.50	.7391
Platform Maximum Linear Dimension	.71	.5885
Weight	.17	.9542

Table 13. Variability within Initial Bifaces for Knapper 5.

Attribute	F-Score	P-value
Maximum Linear Length	2.36	.0708
Maximum Linear Width	.6	.6112
Platform Maximum Linear Dimension	1.08	.3660
Weight	.81	.4875

flint knappers, as these knappers are too inconsistent to have their assemblages considered within the larger between knapper ANOVA analyses. Therefore, the only attributes which will not be considered within the segments of the analysis will be platform maximum dimension for and weight for the multidirectional cores of Knapper 1, weight for the multidirectional cores of Knapper 2, and maximum linear dimension of platforms and weight for the early stage bifaces of Knapper 2. The ANOVA test was run both with and without those knappers which were found to vary from nodule to nodule.

This way the effect that the highly variable single knappers had on the larger ANOVA tests between the knappers can be better understood.

The variability between Knappers 1 and 2 may stem from the length of time between the knapping episodes of these knappers. This may have lead to variability between the assemblages knapped during one period and those of another. To better understand this variability, the knappers' assemblages from the first episode of knapping were compared to those assemblages of the second.

In order to compensate for the variability found within these assemblages, the ANOVA tests used to compare the attributes which included the assemblages that were variable for Knappers 1 and 2 were run with and without Knappers 1 and 2. By following this method, the variability between knappers can be somewhat disentangled with the variability of the debitage between the knappers and technologies.

These initial studies have shown that this data is an acceptable data set to study variability between knappers. It has been demonstrated that the three ratio scale attributes measured on all flakes are positively correlated with each other. This means that as a flake increases in size, typically all three measurements, maximum length, maximum width, and weight should all increase. The sequence in which the flakes were removed from the core has been shown to have little effect on the analysis; thus all of the debitage can be considered, without regard for when the flake was removed from the core. The final suite of statistical tests has confirmed that most of the flint knappers are consistent in terms of the four ratio scale attributes, from one nodule to the next. Those that were not found to be consistent will be removed from the analysis during portions of the ANOVA tests so that their effect on the results can be seen.

CHAPTER FIVE

DEBITAGE VARIABILTY WITHIN MULTIDIRECTIONALCORE DEBITAGE

Each flint knapper randomly received cores from a population of cobbles deemed to be suitable for multidirectional core reduction. While each of the cobbles varied slightly in size and shape, the cores were handed out randomly and were comprised of the same raw material and collected from the same source. Each flint knapper was told to remove flakes from the core in an attempt to gain as many 'useful' flakes as possible. 'Useful' flakes were defined as those with a maximum dimension of over four centimeters. The core was reduced until the flint knapper deemed that this was no longer possible or the risk of hand injury required him/her to stop knapping.

The first attribute examined was maximum linear dimension. The results of comparing the maximum linear dimension of the different flint knappers are shown in Figure 14. This attribute may not appear to vary much graphically. However, when the ANOVA test was performed, an F-value of 13.4 and a P-value of less than .001 resulted. A Bonferonni comparison test was run to demonstrate which knappers varied from the

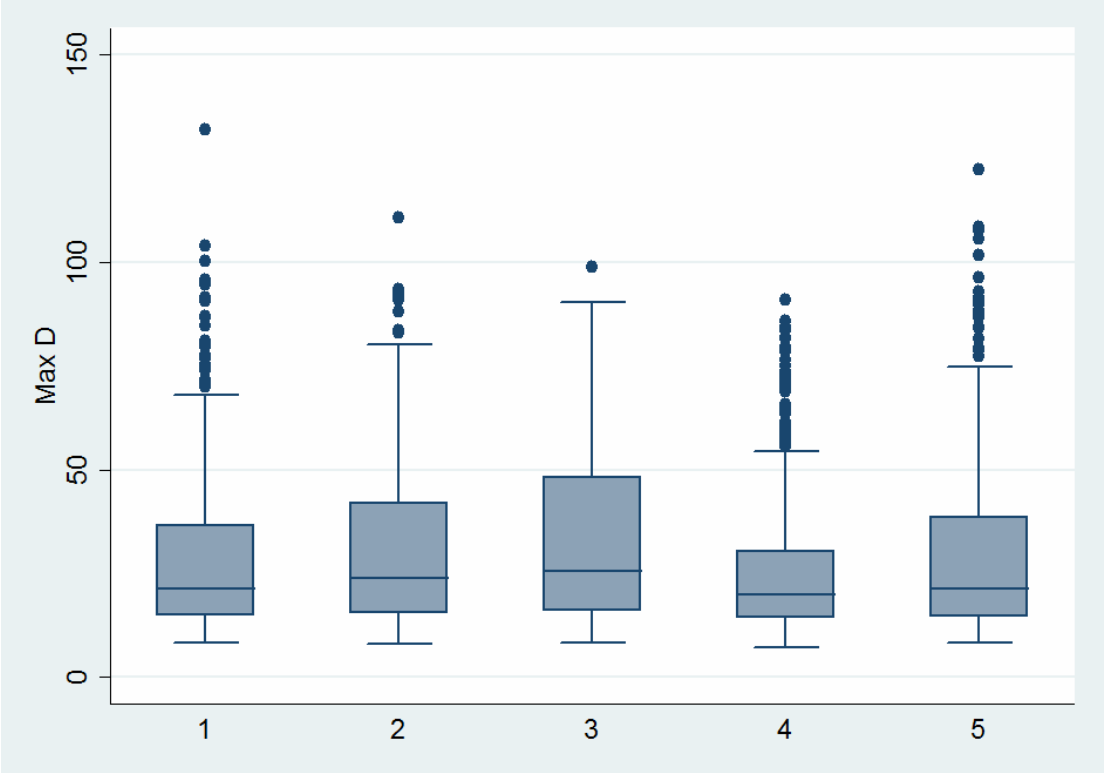

Figure 14. Box plot of the Maximum linear Dimension for Cores, Separated by Flint Knapper. N=2,279.

population (Table 14). This test better illustrates which knappers were similar and dissimilar. Knappers 1, 2 and 5 were very similar, while 3 and 4 were different from 1, 2 and 5 and dissimilar from each other. The Bonferonni test values are shown in Table 14. The Bonferonni results demonstrate that the debitage created by Knappers 1, 2 and 5, if only maximum linear dimension were considered, could be derived from the same population.

Due to the variation found within the assemblages of Knappers 1 and 2, the ANOVA tests for maximum linear length of multidirectional cores were re-run without the highly variable knappers. Upon removing Knappers 1 and 2 from the population, the

variability present between the remaining three, Knappers 3, 4, and 5, is increased, with an F-score of 25.19 and a P-value below .001.

The ANOVA test was also used to evaluate the relationship of the knappers for maximum linear width. As with maximum linear dimension, the range of variation between flint knappers appears to vary graphically very little. However, because ANOVA considers the mean and standard deviation, the assemblages appeared to be different populations (Figure 15).

Table 14. Bonferroni Test Results for Maximum Linear Dimension from Multidirectional Cores.

Knapper	1	2	3	4
2	1			
3	.416	1		
4	.003	0	0	
5	1	1	.118	.004

The Bonferonni test was run on these knappers to better understand which flint knappers were similar and dissimilar (Table 15). The ANOVA test produced an F-value of 11.54 and a P-value of less than .001. Unlike maximum linear dimension, all but Knappers 2 and 3 were dissimilar in terms of maximum linear width. In some ways, this difference may be a product of the experiment. The flint knappers were instructed to control their maximum linear dimension in that they were asked to produce flakes with a maximum linear dimension of 4 centimeters or greater, but not asked to control the width of the flakes. It is possible that without this instruction, maximum linear dimension

would have varied as much as maximum linear width. It should also be noted that Flint Knappers 2 and 3 were also similar in terms of maximum linear dimension.

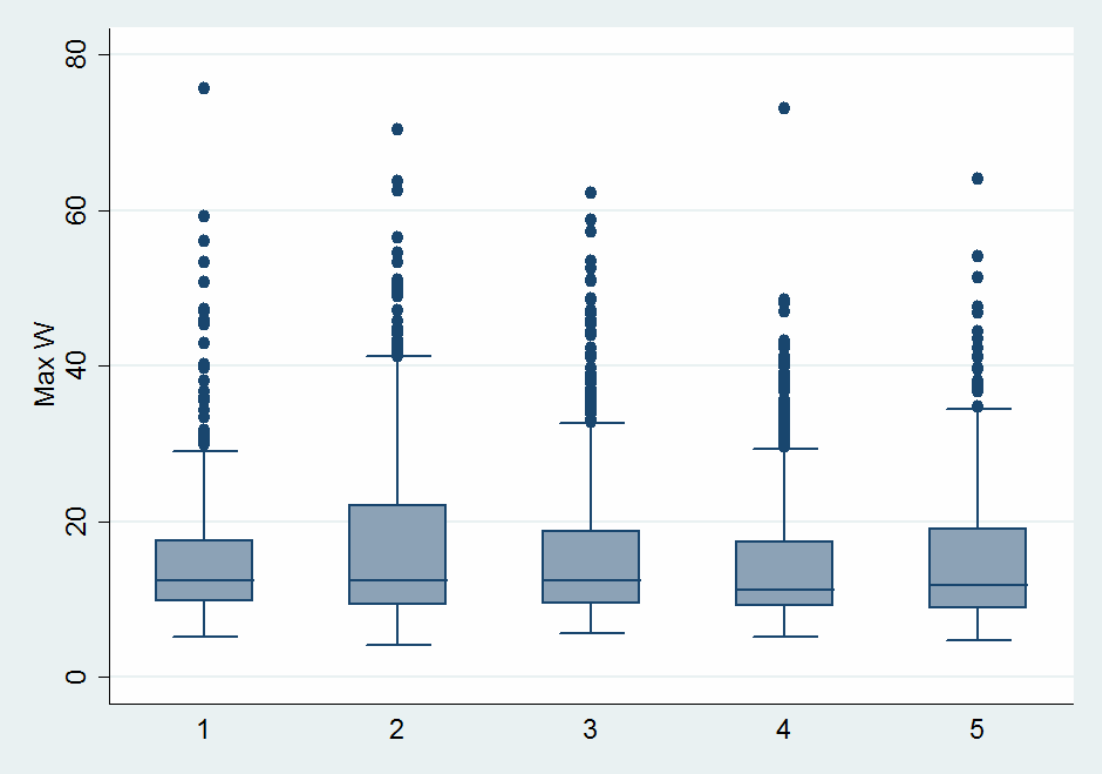

Figure 15. Box plot of the Maximum Linear Width for Cores, Separated by Flint Knapper. N=2,779.

Table 15. Bonferonni Test Results for Maximum Linear Width from Multidirectional Core Data.

Knapper	1	2	3	4
2	1			
3	.812	1		
4	.014	0	0	
5	1	.34	.17	.37

Weight was the next variable examined. As shown in Figure 16, weight appears to vary less than maximum linear dimension and maximum width, but the populations from all flint knappers include more outliers than before. Though deemed to be from the same population, weight varies less than maximum linear dimension and maximum linear width. The ANOVA produced an F-value of 10.41 and a P-value of less than .001. As with maximum linear dimension, several of the flint knappers are quite similar and would appear to be from the same population if found together. Flint knappers 1, 2, 3, and 5 are very similar in terms of weight as shown by the Bonferonni test (Table 16). In an effort to better understand the variability between Knappers 1, 2, 3 and 5, Knapper 4 was removed from the sample and the ANOVA was run again.

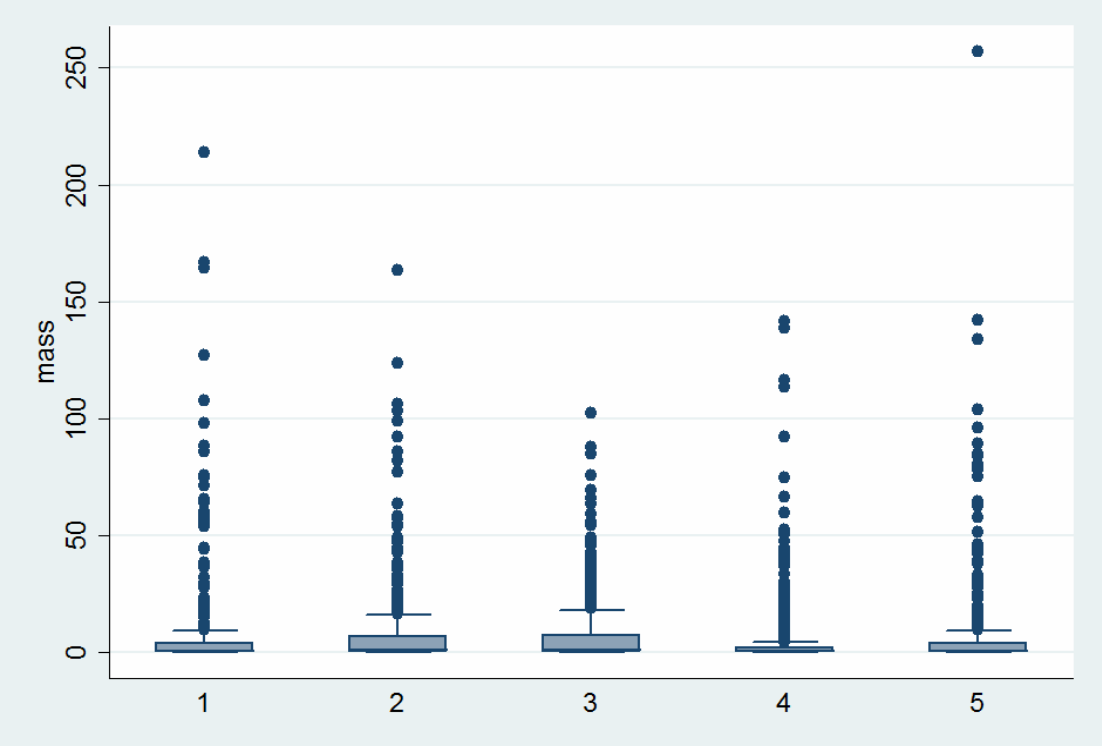

Figure 16. Box plot of Weight from Multidirectional Cores Separated by Flint Knapper. N=2,799.

When Flint Knapper 4 was removed from the test weight, an F-value of .38 and a P-value of .761 was produced. This shows that aside from the data from Flint Knapper 4, weight is not highly variable between flint knappers for multidirectional core technology. This also highlights the importance of examining the data using the Bonferonni test to better understand which assemblages are varying so that the source of the variation can be discovered. Due to the variability found between knappers, the ANOVA tests for weight were also run without Knappers 1 and 2. Without Knappers 1 and 2, weight was found to be highly variable with an F-score 2.71 and P-value of .067. While weight is not variable at the .05 level, it is somewhat variable, but like the main source of this variance is Knapper 4.

The last of the ratio scale attributes, platform maximum dimension, can only be measured on proximal flakes, as they are the only flake type to feature a striking platform (Figure 17). Like maximum linear dimension and maximum linear width, platform width does vary between flint knappers as the ANOVA test produced an F-score of 17.34 and a P-value less than .001. The Bonferonni test showed that Flint Knappers 2, 3 and 5 were similar, but the platform widths for Flint Knappers 1 and 4 were different from 2, 3 and 5 as well as each other (Table 17).

Table 16. Bonferonni Test Results for Weight from Multidirectional Core Data.

Knapper	1	2	3	4
2	1			
3	1	1		
4	0	0	0	
5	1	1	1	.002

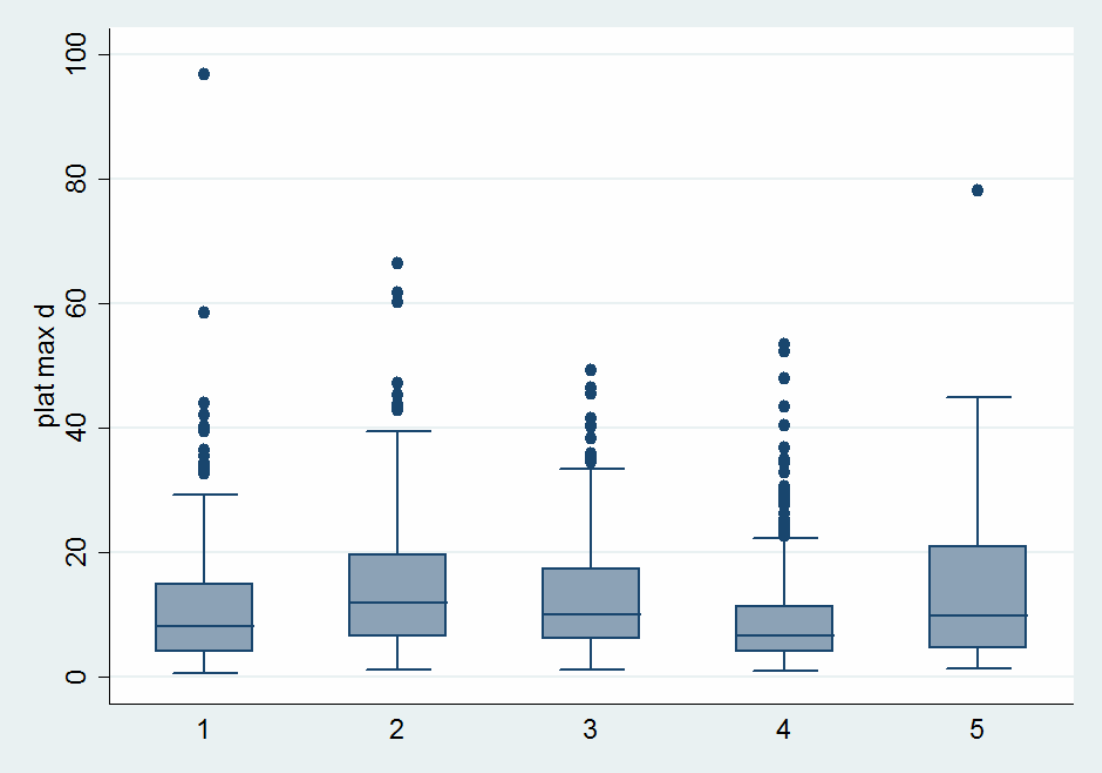

Figure 17. Box plot of the maximum linear dimension of platforms for Multidirectional Cores . N=1,459.

Maximum linear width is very similar in that the same two knappers varied from the group. It can be concluded, then, that like the maximum linear dimension, most of the variability in flake maximum linear width is due to knapper variability. The majority of the debitage variability in weight is due to Knappers 1 and 2. The final attribute, platform maximum dimension, only varies in one of the knappers, once again demonstrating that most of the debitage variability found within the previous ANOVA tests is due to between knapper variability.

Table 17. Bonferonni Test Results for Platform Maximum Linear Dimension from Multidirectional Core Data.

Knapper	1	2	3	4
2	.007			
3	.444	.701		
4	.107	0	0	
5	.223	1	1	0

Debitage variability can also be seen in the relative frequency of flake types created by the knappers when reducing multidirectional cores. Once again, to correct the bias of original nodule shape and size, all of each of the knappers' assemblages was combined for the purpose of this analysis. As shown in Table 18, the relative frequencies of the different flake types vary quite a bit from one knapper to another. From the highest to the lowest relative frequency, proximal flakes vary 21 percent, flake shatter 15 percent, and angular shatter 11 percent. From the results of this analysis, it is clear that individual knappers vary in terms of the relative frequencies of flake types for multidirectional cores.

The amount of cortex on the dorsal side of flakes was also highly variable. Like flake type, the relative frequency of each cortex class was calculated for the combined population of each flint knappers assemblages (Table 19). Dorsal cortex is also quite variable. The only apparent difference in Table 19 between each of the knappers is apparent in the results for Knapper 2. Knapper 2 took many more flakes with class 3 cortex, 51%-99% dorsal coverage and less class 2, less than 50% coverage than any other knapper. Although these results could signify a personal stylistic choice on the part of the knapper or the presence of more cortex on the initial nodule, it is not likely caused by one or the other, but both.

The variation in cortex classes is also present between the assemblages of a single knapper. Chi-squared tests were run to compare the variability of cortex classes between the knappers (Table 20). To standardize the chi-squared scores, the scores were divided by the number of flakes within the sample. Values lower than 5 can skew the results of the chi-squared analysis. For this analysis, the Class 4 flakes were removed, as the frequency of this flake class was often below 5 in number. As shown in Table 20, the knappers are highly variable between individually between the different nodules. Three of the knappers, Knappers 1, 3, and 5, demonstrated more variability between their own nodules than there was between the nodules of all the knappers combined. As the nodules of each knapper were found to be highly variable, the variability between debitage assemblages in terms of dorsal cortex is likely caused by the variability in the amount of cortex on the initial nodules. Knappers 1, 3, and 5 likely had cores with more variable amounts of initial cortex.

Table 18. Relative Frequencies of Flake Types for Each Flint Knapper for Multidirectional Cores.

Knapper	Proximal Flakes	Flake Shatter	Angular Shatter
1	0.58	0.28	0.14
2	0.73	0.22	0.05
3	0.71	0.22	0.07
4	0.65	0.32	0.03
5	0.52	0.38	0.11

Table 19. Relative Frequencies of Cortex Classes for Each Flint Knapper for Multidirectional Cores.

Knapper	Class 1	Class 2	Class 3	Class 4
1	0.45	0.42	0.11	0.01
2	0.33	0.20	0.47	0.01
3	0.28	0.62	0.08	0.01
4	0.54	0.32	0.13	0.01
5	0.53	0.38	0.08	0.01

The final attributes analyzed for multidirectional cores were the presence or absence of cortex on the platform and presence or absence of abrasion on the platform. The amount of cortex on the platforms of Knapper 3 corresponds to the amount within Class 3 for dorsal cortex (Table 21). It appears that, despite random assignment of nodules, Knapper 3 received more nodules with cortex. It seems that the amount of cortex on flakes varies more with the original nodule than the style or process of the knapper who knapped it. Evidence for abrasion does seem to vary between knappers (Table 22). The presence of abrasion varies from 10% of proximal flakes to 3%.

This attribute is highly variable, and though the relative frequency is low for all knappers, this could be considered diagnostic for different flint knappers. Further study with the addition of more flint knappers needs to be conducted to determine this.

Table 20. Chi-Squared Scores and P-Values for the Amount of Cortex on the Dorsal Side of the Flake for Multidirectional Cores.

Knappers	Chi-squared scores/n	P-values
1	0.19	0.00
2	0.05	0.01
3	0.16	0.00
4	0.03	0.06
5	0.09	0.00
All	0.06	0.00

Table 21. Relative Frequency of Cortex on the Platform of Proximal Flakes.

Knapper	Platform Cortex Present	Platform Cortex Absent	Total Flakes
1	0.93	0.07	169
2	0.96	0.04	254
3	0.90	0.10	366
4	0.94	0.06	458
5	0.97	0.03	199

Table 22. Relative Frequency of Evidence for Abrasion on Proximal Flakes.

Knapper	Abrasion present	Abrasion Absent	Total Flakes
1	0.93	0.057	175
2	0.96	0.04	254
3	0.90	0.10	366
4	0.94	0.06	458
5	0.97	0.03	199

In order to evaluate whether or not individual flint knappers could be identified by their debitage assemblages, PCA analysis was run. By using multiple attributes at once, it was possible to see if the assemblages of individual knappers clustered away from the other knappers. This clustering would signify that their debitage assemblages were significantly different from those of other flint knappers. Due to the nature of the analysis, only those attributes which were measured in ratio scale were analyzed using PCA. Thus, for both bifaces and multidirectional cores maximum length, maximum width, and maximum platform size were considered together. The mean of each of the attributes for each assemblage was calculated. These means were then standardized by conversion of the scores to Z-scores. The Z-score was calculated by subtracting the mean

from each case and dividing the difference by the standard deviation of all of the values for that attribute. Weight was not included due to its curvilinear relationship with both maximum linear dimension and maximum linear width. Principal components analysis was attempted with weight in addition to the other three ratio scale attributes, but little variability was explained by weight.

Despite the fact that only one component had an eigen value over one, both the first and second components were examined for multidirectional core debitage (Table 23). While it is unusual to examine a component with an eigen value under one, this particular analysis is justified by the unique patterning which emerges. Both of these components are used because it, unlike ANOVA, presents the variation in a clear and easily expressed manner. Another reason for the low eigen value is that only 3 variables were input; therefore, it would be unlikely that two components with eigen values greater than one would emerge.

Table 23. Eigen Values for Multidirectional Cores Assemblages.

Component	Eigen Value	Proportion
1	2.3792	.7931
2	.4951	.1650
3	.1256	.0419

The majority of the variability between the assemblages could be explained by two of the three components, thus only Components 1 and 2 were considered. The first two components for multidirectional cores explain 95% of the variability (Table 23). All three of the variables loaded positively on the first component (Table 24). Within the

second component, only maximum platform dimension loaded significantly, though it loaded negatively.

The first two components for multidirectional core debitage were graphed (Figure 18). Three of the knappers clearly clustered. Knappers 3, 4, and 5, which are represented by assemblages 11-15, 16-20, and 21-25 respectively, clustered quite well. Knappers 1 and 2 are highly variable and scattered throughout the plot, and occasionally intermixed with the clusters of the other three knappers. This intermixing limits the predictive power of the attributes. The fact that Knappers 3, 4, and 5 clustered so tightly, however, is an indication that style, or at least a knapping process can be seen within the debitage of the knappers. The assemblages of Knapper 4 are particularly well clustered away from the assemblages of any other knapper. Knapper 4 rates low on Component 1 and on either side of the 0 mark for Component 2, meaning that in general Knapper 4's flakes were smaller in terms of maximum linear length and width, yet feature platforms of a similar size of the other assemblages.

Table 24. Component Loadings for the Multidirectional Core Assemblages.

Letter name	Component 1	Component 2
Maximum Linear Dimension	.6039	-.3773
Maximum Linear Width	.6061	-.3548
Platform Maximum Linear Dimension	.5177	.8554

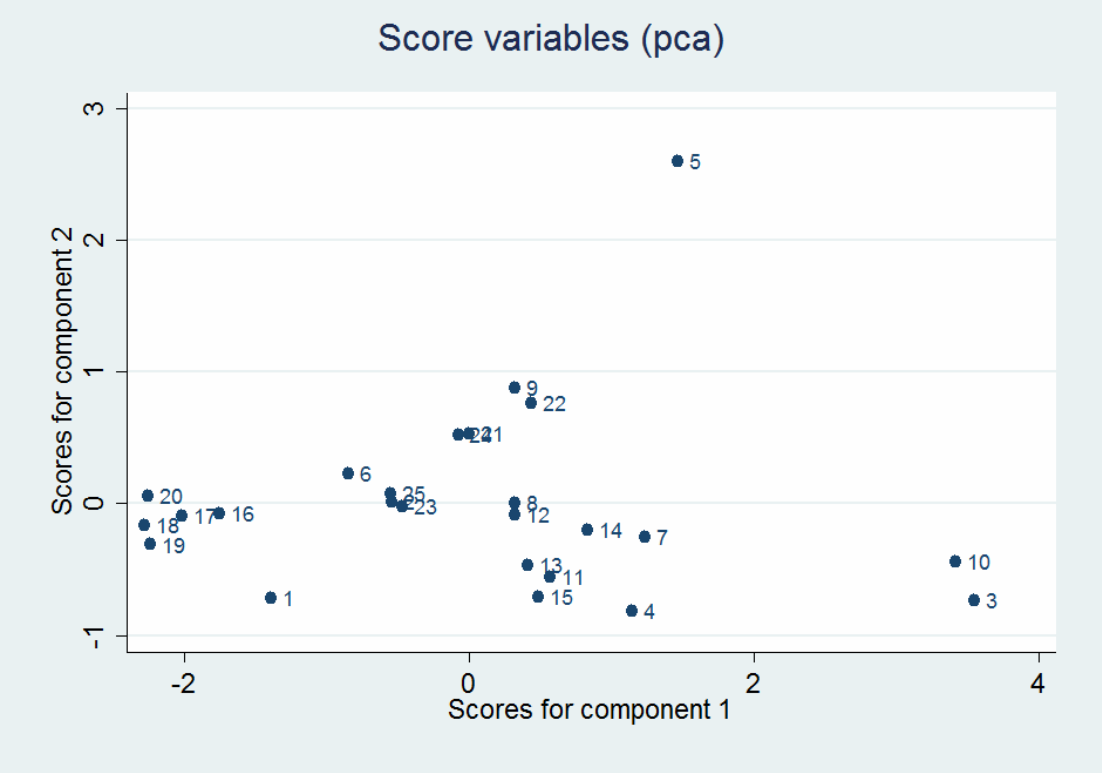

Figure 18. Principal Component Analyses of Multidirectional Cores. Each point represents an assemblage. Assemblages 1-5 are Knapper 1, 6-10 are Knapper 2, 11-15 are Knapper 3, 16-20 are Knapper 4 and 21-25 are Knapper 5. Three clusters are apparent assemblages 11-15 (Knapper 3), 16-20 (Knapper 4), and 21-25 (Knapper 5). Those from Knappers 1 and 2 are dispersed throughout (assemblages 1-10).

The PCA analysis has demonstrated that within multidirectional cores, there is clustering of the assemblages created by the same knapper. Despite the clustering of the assemblages of Knappers 3, 4, and 5, the assemblages of Knappers 1 and 2 were within or near these clusters. Due to their intermixing with the other knappers and lack of clustering, Knappers 1 and 2 limited the predictive power of this analysis. Further

research needs to be conducted to better understand why their assemblages are more scattered.

CHAPTER SIX

DEBITAGE VARAIBILTY WITHIN EARLY STAGE BIFACES

When the flint knappers were asked to create bifaces, they were specifically told to make what they considered an early stage biface. Like the multidirectional cores, the nodules that were chosen to become bifaces were those that seemed the most bifacial in nature. In other words, nodules selected were those which could most easily be reduced into bifaces in the opinion of the author. Only 28 bifaces were reduced, as Knapper 1 created three bifaces. Another biface, created by Knapper 5, was eliminated from the study as it broke very early in the production process, and the assemblage did not contain enough flakes to be statistically viable.

Like multidirectional cores, the population of debitage from bifaces was highly variable in terms of maximum linear dimension (Figure 19). The overall ANOVA produced an F-value of 6.89 and P-value of less than .001. Upon inspecting the Bonferonni test results, it appears that Knapper 2 stands out as dissimilar, except to Knapper 5 (Table 25). Knapper 4 also stands as dissimilar except to Knapper 1. Largely the relationship between the knappers is quite variable in terms of maximum linear dimension.

Due to the high amount of variation within the bifaces of Knapper 2, the ANOVA test was also run without Knapper 2. It was thought that because the assemblages of Knapper 2 were highly variable from one assemblage to the next that the lack of consistency for Knapper 2 may affect the overall comparison of the other Knappers in terms of maximum linear dimension. The results were much the same, but somewhat less

variable. The test resulted in an F-score of 5.14 and a p-value of .0015. The variability seen within the full sample is still present even without Knapper 2. This indicates that the variation within the nodules of Knapper 2 were not largely responsible for the variation found with the first run of the test.

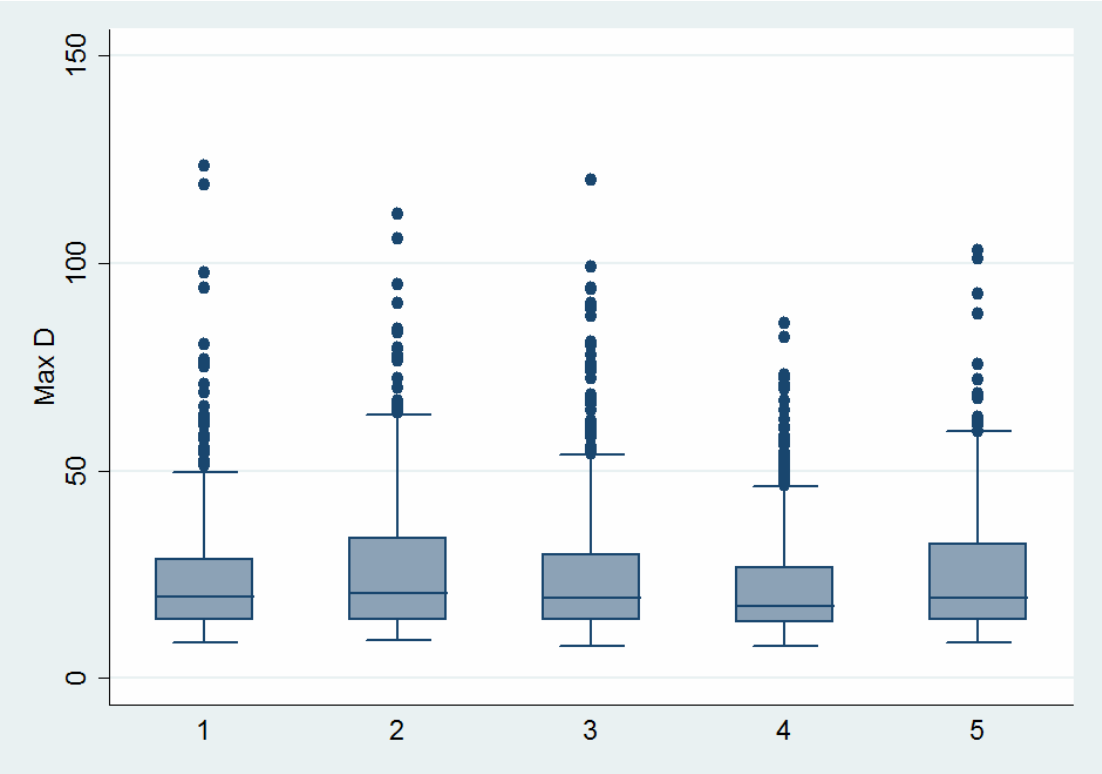

Figure 19. Box plot of Maximum Linear Dimension of Bifacial Debitage by Flint Knapper. N=2,734.

In terms of maximum linear width, the ANOVA test produced values which indicated that the knappers varied as a whole, but several similarities were seen between the knappers on an individual level (Figure 20). The ANOVA test produced an F-value of 3.6 and a P-value of less than .0062. According to the Bonferonni test, however,

Table 25. Bonferonni P-values for Maximum Linear Dimension for Early Stage Bifaces.

Knapper	1	2	3	4
2	0.023			
3	1.0	.339		
4	1.0	0.0	.013	
5	1.0	1.0	1.0	.017

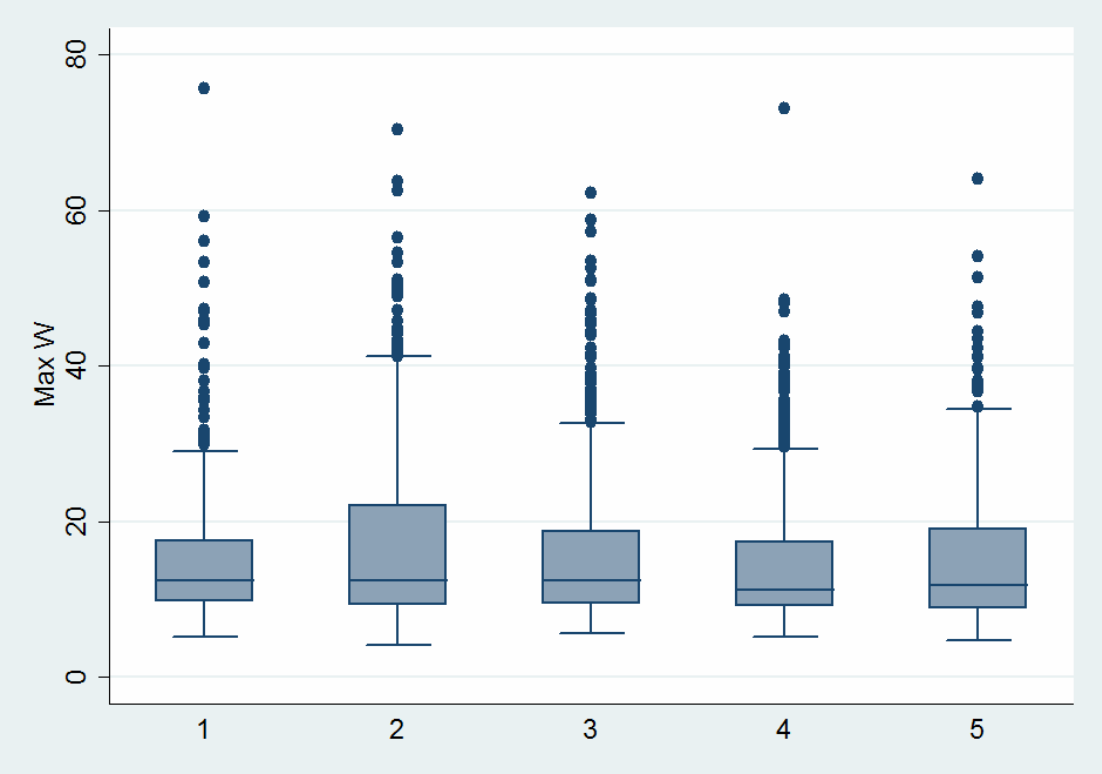

Figure 20. Box plot of Maximum Width for Bifacial Assemblages by Knapper. N=2,733.

several knappers were similar (Table 26). Knappers 1, 2, and 4 were very similar, while Knapper 5 was similar to 1, 3, and 4. Flint Knapper 2 was not similar to any of the other knappers is terms of maximum linear width.

Weight, unlike with multidirectional cores, was more variable than maximum linear width, with an F-value of 6.37 and a P-value of less than .001 (Figure 21). Several knappers showed significant relationships, though the strength of these relationships varied (Table 27).

Table 26. Bonferonni P-Values for Maximum Linear Width for Early Stage Bifaces.

Knapper	1	2	3	4
2	.065			
3	1.0	.566		
4	1.0	.004	.509	
5	1.0	.292	1.0	1.0

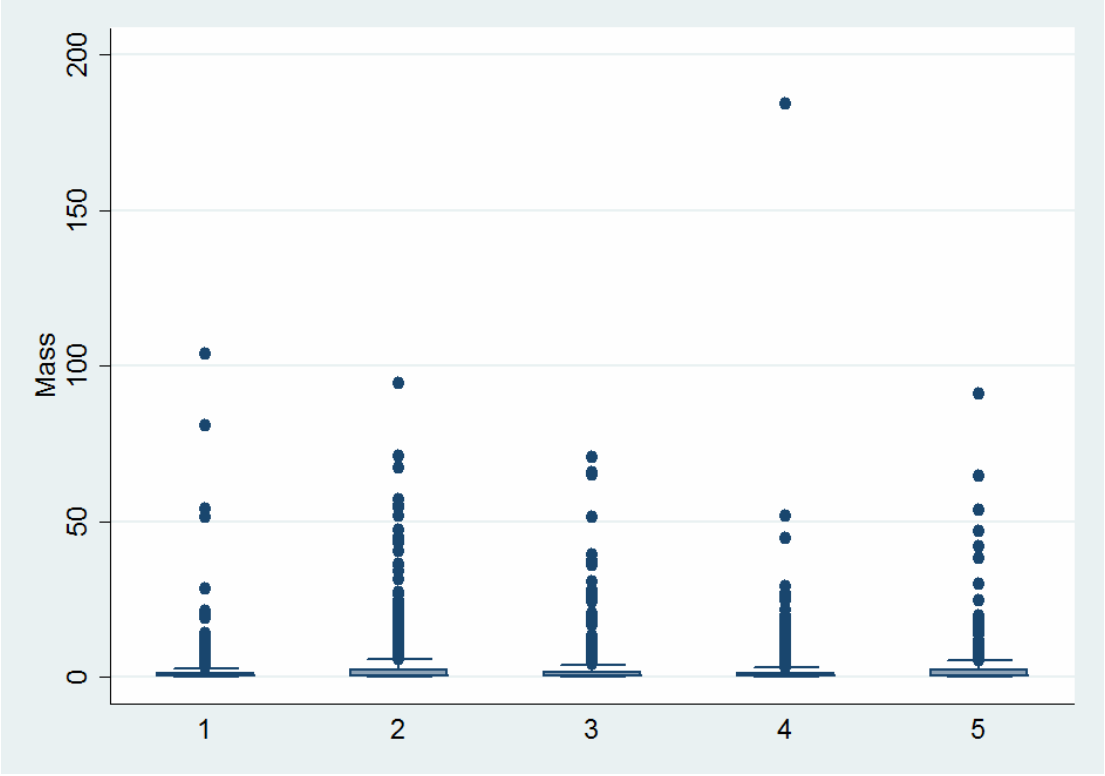

Figure 21. Box plot of the Weight of the Early Stage Bifaces by Knapper. All flakes with a weight greater than 50 grams were eliminated for ease of viewing. N=2,683.

As with multidirectional cores, maximum platform dimension was the most variable between the knappers. The ANOVA produced an F-score of 13.60 and a P-value of less than .001. The only knapper to be similar to any other knappers is Knapper 1, who is similar to both Knappers 3 and 4 with a P-value of 1. As with multidirectional cores,

Table 27. Biface Bonferonni P-Values for Weight for Early Stage Bifaces.

Knapper	1	2	3	4
2	0.001			
3	1.0	.00		
4	1.0	0.0	.471	
5	.070	.120	.629	.008

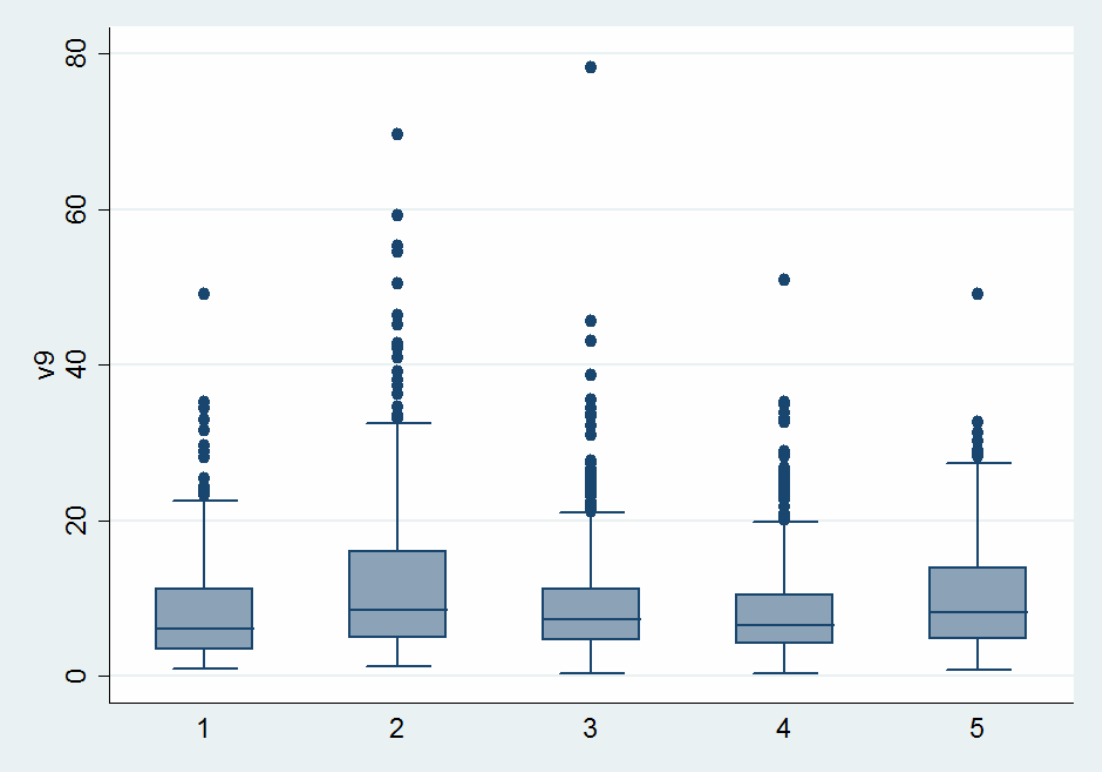

Figure 22. Box plot of Maximum Platform Dimension by Knapper. N=1,828

the most variability comes from maximum platform dimension (Figure 22).

Because of the high level of variability found for platform maximum linear dimension for Knapper 2, the ANOVA test was performed without the bifaces from Knapper 2. The platform maximum linear dimension between the flint knappers was still found to be highly variable without Knapper 2, resulting in an F-value of 5.38 and a P-value of .00011. This demonstrates that the variability found between the knappers in terms of platform maximum linear dimension was not only due to the variable nodules of Knapper 2.

The relative frequency of flake types varies little among the flint knappers (Table 28). Besides the higher prevalence of flake shatter for both Knappers 1 and 5, the relative frequencies of flake type are mostly uniform. This suggests that flake type does not vary much between flint knappers for bifacial reduction. The high percentage of angular shatter should also be noted and will be discussed later.

Unlike multidirectional cores, the amount of cortex on the dorsal side of flakes did not vary greatly (Table 29). This could indicate that the knappers have similar strategies in terms of how and when to remove cortex for an initial stage biface. To better understand this relationship, the cortex class totals for each individual assemblage was also calculated. Each of the knappers varied from assemblage to assemblage in the amount of cortex found on the dorsal side of the flakes (Table 29). The cortex variability between the assemblages of an individual knapper are nearly as variable as that between knappers, which indicates that the source of the variation likely lies between the nodules

Table 28. Relative Frequency of Flake Types for Early Stage Bifaces.

Knapper	Proximal Flakes	Flake Shatter	Angular Shatter
1	0.54	0.41	0.05
2	0.71	0.24	0.06
3	0.73	0.25	0.02
4	0.73	0.25	0.02
5	0.61	0.35	0.04

Table 29. Relative Frequency of Flakes within the Cortex Classes for Early Stage Bifaces.

Knapper	Class 1	Class 2	Class 3	Class 4	Total Flakes
1	0.55	0.38	0.05	0.01	378
2	0.35	0.49	0.14	0.02	486
3	0.50	0.38	0.10	0.01	801
4	0.40	0.44	0.14	0.01	645
5	0.45	0.45	0.08	0.02	398

originally assigned to the knappers.

To pinpoint the source of the cortex variability, and understand whether it is the knappers or the nodules assigned to the individual nodules, chi-squared scores for the variability between the knappers and the variability between assemblages made by a single knapper were considered. The chi-squared scores were then divided by the number of samples within each population to standardize the scores (Table 30). All of individual knappers scored higher than the combined populations of all knappers. This demonstrates that the majority of the dorsal cortex variability can be attributed to the amount of cortex on the individual nodules and not the style or knapping process of the knappers.

Table 30. Chi-squared Scores and P-values for Early Stage Bifaces for All Five Knappers.

Knappers	Chi-squared/N	P-value
1	0.03	0.03
2	0.16	0.00
3	0.06	0.00
4	0.11	0.00
5	0.03	0.33
All	0.02	0.00

Table 31. Eigen Values for Early Stage Biface Assemblages.

Component	Eigen Value	Proportion
1	2.55452	.8515
2	.37975	.1266
3	.06573	.0219

As detailed above within the chapter on multidirectional cores, PCA analysis was carried out for the debitage from the bifacial assemblages as well. In the case of early stage biface debitage, 97% of the data is explained by the first two Components (Table 31). Like multidirectional cores, only the first Component has an eigen value over one. Despite this, the comparison of the first two Components was performed to better understand the relationships between the five knappers. All three attributes load strongly onto Component 1 for early stage bifacial debitage. Maximum linear dimension loaded negatively on Component 2 (Table 32).

Components 1 and 2 were graphed in order to examine the relationships between the assemblages of the five knappers (Figure 23). The only apparent cluster was that of Knapper 2. Assemblages 7, 8, 9, and 10 clustered highly on Component 1. The majority of the assemblages made by the other flint knappers all clustered together around the 0, 0

area, indicating that the variables maximum length, maximum linear width, and platform dimension, do not well define the variability between the various assemblages. There were a few outliers such as 19, 2, and 22, but these are isolated away from the other assemblages made by the same knapper. This indicates that, except for Knapper 2, the debitage resulting from bifacial reduction among the various flint knappers when these three attributes are considered is roughly similar.

It seems that for early stage bifaces flint knappers are largely similar to one another and that there is little clustering of the assemblages created by a single knapper. Because the assemblages of the individual knappers clustered together less and all the assemblages are nearer to the average, this may be an indication that the concept of how to make a early stage biface is more standardized in the minds of the knappers. The similarity in the knappers' debitage when these three attributes are considered may indicate similar production techniques.

Table 32. Component Loadings for the Early Stage Biface Assemblages.

Letter name	Component 1	Component 2
Maximum Linear Dimension	.5871	-.4937
Maximum Linear Width	.6058	-.2577
Platform Maximum Linear Dimension	.5370	.8305

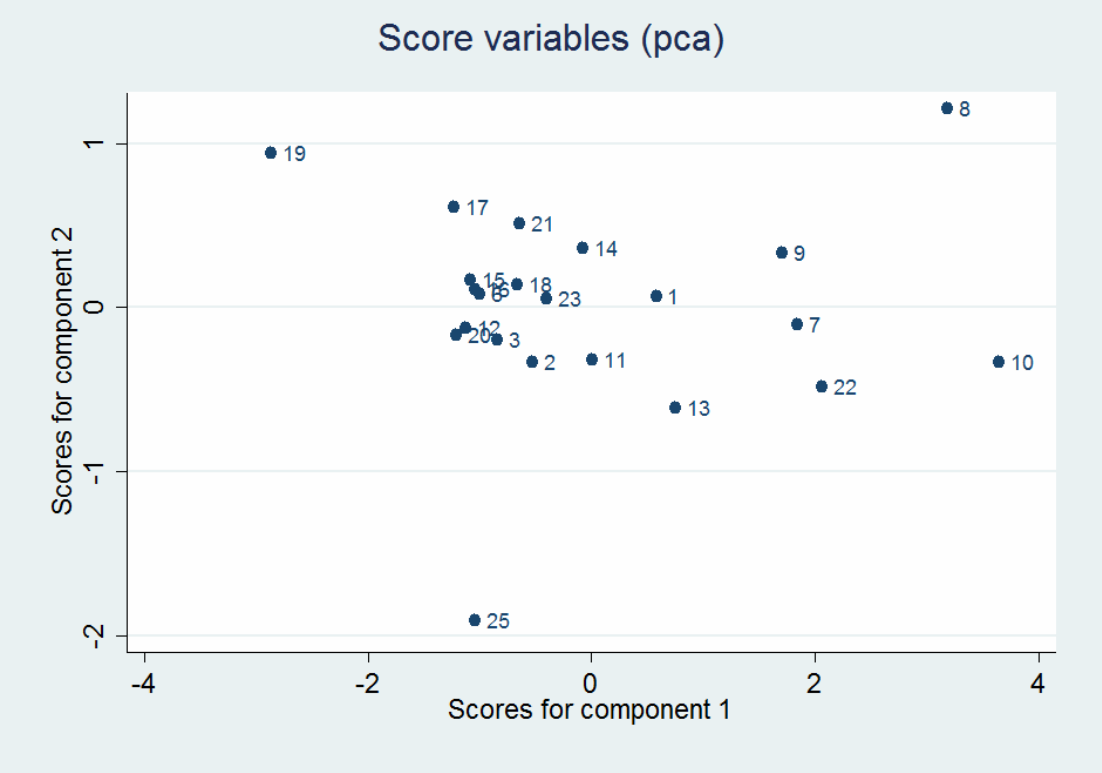

Figure 23. Principal Component Analysis Scores for Early Stage Bifaces. Each case is an assemblage and the values used to calculate the z-scores show here were the mean of each value of all flakes for each attribute. Each point represents an assemblage. Assemblages 1-3 are Knapper 1, 6-10 are Knapper 2, 11-15 are Knapper 3, 16-20 are Knapper 4 and 21-25 Knapper 5. The majority of the assemblages cluster around 0,0, meaning that there is very little variability. Assemblages 4 and 5 are not shown as they do not exist and Assemblage 24 is not shown as it only includes 4 flakes.

CHAPTER SEVEN

DISCUSSION AND CONCLUSIONS

For multidirectional cores the attributes of maximum linear dimension, maximum linear width, platform maximum dimension, and relative frequency of flake types shows considerable variability between knappers. Weight was found to vary but upon further examination, it was determined that this variability originated from one knapper, meaning that the attribute is not highly variable across multiple knappers. The variation of all these attributes was further demonstrated in that these attributes were, in most cases, constant within assemblages knapped by the same flint knapper.

Cortex coverage was found to vary between the individual assemblages made by a single knapper. This was due to variation between the cortex coverage of the nodules originally assigned to the knappers. The variability of dorsal cortex coverage among the assemblages knapped by the same knapper demonstrates this.

The debitage of early stage bifaces was found to vary between knappers in a similar manner to that of the debitage from multidirectional cores. Both maximum linear dimension and maximum linear width were found to vary, but with F-values less than that of the multidirectional cores. Unlike debitage from multidirectional cores, debitage weight from bifaces was found to be variable. Maximum platform dimension was found to be highly variable among bifaces with an F-value of 17.51. As with multidirectional cores, the relative frequency of flake types varied significantly from one knapper to the next. Cortex was found to be variable between knappers, but also found to be variable within the assemblages of an individual flint knapper. This variation, therefore, is likely

due variation in the amount of cortex in the assignment of initial nodules as with multidirectional cores.

When considering the results of the ANOVA tests, there appear to be large amounts of variability between knappers for both technologies (Table 33). With the exception of weight for multidirectional cores without Knapper 4 and maximum linear width for early stage bifaces the differences for all attributes for all technologies are significant at the .05 level. This demonstrates that there are significant differences caused by different knappers for most attributes in both technologies. Weight for multidirectional cores illustrates an important point, in that sometimes the majority of the variability comes from only one of the knappers within the sample. If this trend were found archaeologically, it would be difficult to separate out the weight variability caused by this single knapper. Thus even though this variability comes from only one of the five knappers it must be considered.

The second goal of this analysis was to evaluate whether or not the variability between knappers was predictable. Given the current sample, it appears that the variability is not as diagnostic of individual knappers as was hoped it would be. No consistent group or groups appear as different knappers are more similar to other knappers from one attributes to the next. The similarity matrices within the early stage biface chapter and multidirectional core chapter demonstrate how variable the relationships between the debitage of the knappers can be from one attribute to the next. Possibly with a larger sample of knappers more patterned information would be gleaned, but given the current data set there are not diagnostic signatures for individual knappers from the ANOVA analyses.

Table 33. ANOVA F-values and P-values for Both Technologies.

Technology	Attribute	F-Score	P-value
Multidirectional Cores			
	Maximum Linear Dimension	13.4	.001
	Maximum Linear Width	11.54	.001
	Weight	10.41(.38)*	.001(.761)*
	Maximum Platform Dimension	13.6	.001
Early Stage Bifaces			
	Maximum Linear Dimension	6.89	.001
	Maximum Linear Width	3.6	.006
	Weight	6.37	.001
	Maximum Platform Dimension	13.6	.001

*These values are without Knapper 4 in the sample and are shown because of the large difference.

Despite the lack of patterning within the ANOVA tests, the PCA does exhibit some patterning. Largely, this patterning is absent from the bifacial assemblages, as most of the individual knappers are scattered throughout the PCA plot and cluster near the 0, 0 mark. The clustering near the 0, 0 mark means the knappers are seemingly randomly distributed around the average (Figure 21). This can be interpreted to mean that these five knappers make early stage bifaces in a similar manner. The multidirectional cores, however, do demonstrate some patterns which are more interesting. The assemblages of Knapper 4, 16-20, are clearly clustered away from those of the other knappers, indicating that the debitage of Knapper 4 is consistently different from the other knappers (Figure 16). The component loadings demonstrate that Knapper 4 created debitage with the same size platforms, but are smaller in terms of maximum linear length and width. Two more knappers also clustered, Knapper 3, assemblages 11-15, and Knapper 5, assemblages 21-

25. While these assemblages are not as isolated as those of Knapper 4, they are clustered together indicting that these knappers are consistent in terms of platform maximum linear dimension, maximum linear dimension, and maximum linear width. Knappers 1 and 2 are scattered throughout the graph indicating that they are less consistent. With a larger sample, knappers could possibly be identified using analyses similar to the PCA analysis conducted here, though much more work remains to be done.

Despite the fact that there is a high level of variability between the different knappers, it cannot be said that all of the variability between the two different technologies can be attributed to inter-knapper variations. The types of technology created by the knapper have effects on the debitage created. The types of flakes created by each technology were compared (Tables 18 and 28). This could have important implications for assemblage typology such as the SRT which attempts to determine the type of technology made at a site using flake typologies similar to those used within this study. Williams and Andrefsky (2008) argue that it is difficult to segregate multidirectional cores from early stage bifaces using such typologies. As the same type of tools were created for this study, this presents an opportunity to enrich these conclusions by testing whether the differing style of knappers have an effect on whether or not core technology produces more angular shatter than bifacial reduction technology.

By comparing the relative frequency of each flake type produced by each knapper it can be seen that several of the relative frequencies overlap between the two technology types. For example, Knapper 5 created a greater relative frequency of angular shatter within bifacial reduction than Knapper 4 did within multidirectional reduction. The relative frequencies of flake types are affected by both the type of core being reduced

(bifacial or multidirectional) and the knapper who created it. The overlap in the relative frequencies of angular shatter between different knappers creating different technologies is especially significant. This is because the relative frequency of angular shatter is often stated to be an indicator of core reduction technology (Prentiss 2001: 171; Sullivan and Rosen 1985).

These analyses have shown that differences in the debitage between knappers due to style can cause significant variability within debitage assemblages. It has also been demonstrated that some knappers are variable from one nodule to the next while others are more consistent from nodule to nodule.

The ANOVA tests have shown that all of the assemblages for each of the two technologies, which were made by different knappers, would appear as separate populations. Unfortunately these populations do not always correspond to the five knappers who knapped them, such that there are obvious differences in the debitage of these five knappers. These differences between knappers, however, are not consistent from one attribute to the next. Because of this the knapper of a given assemblage could not be identified by their debitage alone. The ANOVA tests have also demonstrated that not all knappers are variable for each attribute. Within each attribute a different knapper or group of knappers vary from the rest of the population, making it difficult to predict which knappers will stand out for which attributes. This has serious implications for the archaeological record. Some of the variability which lithic analysts attribute to technological differences may truly be the result of the presence of several knappers at the same site. The variability inherent in assemblages that were created by several knappers should be considered when dealing with large sites, in which the debitage likely

came from several flint knappers. Given these results, it is recommended that for sites with large amounts of debitage, similar statistical tests such as ANOVA and PCA be used in an attempt to isolate single knappers or groups of knappers, whose style is evident with the debitage record.

The variability inherent between different knappers also has serious implications for all future experimental lithic studies. When creating experimental lithic studies it is imperative that all forms of variability be controlled to the best of the analyst's abilities. In light of the differences between knappers demonstrated within this study, it is important that those researchers conducting lithic experimentation take measures to ensure that biases are controlled for within their experimental population. Due to the differences between knappers, it is important that all experimental assemblages be made by a single knapper, or several flint knappers who have been shown to be very consistent in the debitage and tools they produce. It is also important that the knappers be shown to be consistent from one nodule, or assemblage, to the next.

The ANOVA tests have also demonstrated that there are no attributes for which all knappers vary or that all knappers are consistent. It appears that, given the current data set, different knappers vary across different attributes. None of the debitage attributes are constant across all knappers, indicating that none of the ratio scale attributes are always consistent from one knapper to the next. This means that the variability between one flint knapper and the next must be considered when any of the attributes considered in the study are measured. Thus, this study cannot provide the guide for which attributes vary solely based on technological differences and which vary based on who knapped the nodule as all of the tested attributes vary greatly for both.

When the average maximum linear dimension, maximum linear width, and platform maximum linear dimension for multidirectional cores are considered within a principal component analysis, the assemblages of some knappers cluster. When multidirectional cores are created, some knappers' assemblages group together, indicating that they have a slightly uniform technique or style. One knapper, Knapper 4, is significantly different than the other knappers, and all of Knapper 4's assemblages cluster far from the assemblages of all other knappers. Two of the knappers, Knappers 1 and 2, created multidirectional core assemblages, which are scattered throughout the graph indicating that their assemblages are highly variable.

The debitage assemblages created during the production of early stage bifaces were less diagnostic of the individual knappers who knapped them. The assemblages cluster near the average for early stage bifaces, demonstrating that there is little variability in how the debitage was created from one knapper to another, when early stage bifaces are produced. This suggests that it is possible that there is less variability when more formal technologies, such as early stage bifaces are knapped than when less formal technologies such as multidirectional cores are created.

For knappers such as 1 and 2, it is hypothesized that their variability in the multidirectional cores debitage is due to different strategies based upon the variable package sizes and shapes of the nodules they were given. If the nodules had been more standardized or they had been allowed to select nodules for themselves, it is thought that their debitage assemblages would have been more uniform. As previously stated, nodules were assigned randomly, it could be that these knappers, 1 and 2, prefer a nodule form not found among the chert sources selected, or simply not assigned to them. The

possibility of the preference of some knappers for some nodule package shapes or sizes needs to be considered in future studies. While many may argue that experience could lead to this knapper variability, given the samples of Knapper 5 this seems unlikely. Knapper 5 is the least experienced of the knappers, yet does cluster within the PCA analysis performed for the multidirectional cores. Therefore, it is not likely that experience causes the assemblages of a knapper to cluster, as the assemblages of Knapper 5 clusters while more experienced knappers do not. Another possible reason for the variation could be inexperience with the type of material in terms of its ability to be flaked. This, however, is a moot point as well because none the knappers had worked with the chert for Shadscale Flats before and were all given opportunity to knap nodules before conducting the experiments. For these reasons, it is most likely that the variation from Knappers 1 and 2 for the multidirectional cores stems from variation of the raw materials and possibly a lack of the nodule forms and or shapes preferred by these knappers. Further research needs to be conducted to determine if these knappers, or knappers like them, are more consistent in situations where they are allowed to choose the nodules that they knap for themselves.

It should also be noted that within multidirectional cores the three knappers which cluster together, Knappers 2, 3, and 5, have flint knapped together on numerous occasions. The clustering of these three knappers may represent a knapping style or traits which are common between these three knappers who have worked together. The other two knappers have not worked with this group frequently. With further research, it will be determined if flint knappers cluster with other flint knappers who they have worked

with or learned from. With the addition of more flint knappers to the sample, the presence or absence of clustering based on learning traditions can be determined.

Unfortunately, at this point it seems that knappers cannot be accurately predicted from their debitage alone. With further research, however, this may be possible. Samples from more knappers need to be obtained before there is enough variability and groups of knappers to consider.

The analysis of the various flake types found within the assemblages made by the various knappers provide information on the differences between the two technologies within the study. The overlap in the relative frequency of angular shatter between multidirectional cores and early stage bifaces reveals that typologies based on the frequencies of similar flake types may not be as accurate as previously thought in determining the type of technology which was created at a site. The evidence from this study shows that, depending on the flint knapper creating the assemblage, the relative frequency of angular shatter in multidirectional cores can overlap with that of early stage bifaces. It has long been thought that angular shatter is an indication of core reduction (Sullivan and Rosen 1985), but high frequencies of angular shatter can also be attributed to certain knappers. This sheds doubt on these interpretations as these differences in flake type frequencies could also be created by different knappers.

While attempts to control variation in initial nodule size and shape were made, slight variations of nodule shape and size had an effect on the study. There was an attempt to control for this, as the nodules were grouped into nodule types. The first type were those nodules suitable for bifacial reduction and the second type were those nodules deemed suitable for multidirectional core reduction. Despite these efforts, the nodules

were still variable in terms of both size and surface morphology. Package size and shape likely has much to do with the variation within the debitage created when making both early stage bifaces and multidirectional cores. Further research on the effects of package size and shape needs to be completed.

Overall, this study has demonstrated that there is variability between flint knappers. This variability needs to be considered when performing experimental lithic analysis, as well as the analysis of debitage from archaeological sites. Unfortunately, the differences between the debitage of the knappers were not pronounced enough that all of the knappers can be predicted by debitage alone. This study has also provided guidance for further research in debitage variability as it has been revealed that the debitage from some knappers varies such that their assemblages cluster away from the assemblages made by others. These instances in which knappers cluster suggest that each knapper may have an individual diagnostic style. This potential signature of a knapper's debitage needs to be furthered studied.

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Appendix A Full Data Set for Multidirectional Cores

Flake	Type	Cortex	Max D	Max W	Plat Max D	Plat Cortex	Plat Abr	Mass
C-1-1	Prox	2	38.74	10.84	10.8	NO	NO	1.9
C-1-2A	Prox	1	24.59	10.43	1.61	NO	NO	0.6
C-1-2B	Prox	2	11.38	8.87	4.11	NO	NO	0.2
C-1-3	Prox	3	33.1	8.4	2.25	NO	NO	0.6
C-1-4	Prox	2	45.66	20.16	1.62	NO	NO	8.7
C-1-5a	FS	2	75.18	24.28				20.8
c-1-5b	Prox	2	49.07	32.79	15.93	NO	NO	18.9
c-1-5c	Prox	2	38.33	26.35	11.73	NO	NO	2.3
c-1-5d	FS	1	24.17	15.96				1.5
c-1-5e	ANG	3	15.89	11.73				0.4
C-1-6	Prox	1	20.05	11.41	1.75	NO	NO	0.7
C-1-7A	Prox	1	35.06	20.91	7	NO	NO	3.2
C-1-7B	Prox	1	29.02	16.7	6.59	NO	NO	3
C-1-7C	Prox	2	33.66	10.47	1.95	NO	NO	1.3
C-1-8A	Prox	3	53.31	40.37	3.38	Yes	NO	17.9
c-1-8b	Prox	2	30.71	20.59	2.82	NO	NO	1.3
c-1-8c	Prox	3	18.76	15.68	2.71	YES	NO	0.9
c-1-9a	Prox	3	91.34	67.1	27.09	Yes	NO	74.6
c-1-9b	ANG	4	31.7	10.58				2.2
c-1-10	Prox	2	100.34	56.7	33.89	YES	NO	98.1
C-1-11A	Prox	2	80.73	59.28	34.29	YES	NO	60.3
C-1-11B	FS	2	26.84	18.69				1.1
C-1-12A	Prox	2	53.77	34.76	23.96	NO	NO	22.1
C-1-12B	ANG	3	30.34	11.66				3.9
C-1-12C	ANG	2	17.9	10.74				0.6
C-1-12D	Prox	1	16.53	12.76	4.41	NO	NO	0.3
C-1-12E	ANG	3	12.25	6.8				0.3
c-1-12f	ANG	1	11.23	6.97				0.1
c-1-13a	Prox	3	58.1	26.73	12.53	NO	NO	8.7
c-1-13b	FS	1	15.28	8.66				0.3
c-1-13c	FS	1	24.08	15.28				0.5
c-1-14a	Prox	2	43.91	22.58	10.63	NO	YES	6.5
C-1-14B	FS	1	33.25	25.28				2.4
C-1-14C	FS	2	35.61	19.33				2.2
C-1-15A	Prox	1	29.87	20.19	3.37			1.3

C-1-15B	Prox	1	21.61	13.97	6.86			0.5
C-1-16A	Prox	2	45.84	25.85	27.01	NO	NO	9.1
C-1-16B	FS	1	26	13.83				0.9
C-1-17	Prox	2	59.13	35.72	16.63	NO	NO	21.6
C-1-18A	Prox	1	27.99	23.18				4
C-1-18B	Prox	1	21.91	11.94				0.6
C-1-18C	FS	1	26.36	10.37				1.4
C-1-19A	Prox	2	79.94	37.48	9.2	NO	NO	54.8
C-1-19B	ANG	2	47.64	30.77				16.8
C-1-19C	Prox	2	28.54	17.97	10.13	NO	NO	2.6
C-1-19D	ANG	3	33.13	15.03				2.7
C-1-19E	FS	2	34.5	12.3				1.1
C-1-19F	ANG	1	13.29	8.89				0.5
C-1-19G	Prox	1	22.35	10.74	8.26	NO	YES	0.3
C-1-19H	Prox	1	17.34	9.9	4.11	NO	NO	0.6
C-1-20	Prox	1	47.06	21.98	10.59	NO	YES	6.2
C-1-21A	Prox	2	77.47	61.13	23.56	NO	YES	86.1
C-121B	Prox	1	71.48	51.39	7.62	NO	NO	28.5
C-1-22	Prox	1	66.91	41.36	39.56	NO	NO	27.8
C-1-23	Prox	1	53.93	43.93	42.16	NO	NO	20
C-1-24A	Prox	1	54.84	23.42	10.1	NO	NO	9
C-1-24B	Prox	1	36.64	21.33	20.96	NO	NO	6.5
C-1-25	Prox	2	63.93	30.04	11.4	NO	NO	22.9
C-1-26	Prox	2	31.97	22.88	9.35	NO	NO	1.5
C-1-27	Prox	1	39.09	17.33	2.29	NO	NO	2.9
C-1-28	Prox	2	66.95	45.27	16.94	NO	YES	71.4
C-1-29	Prox	2	73.87	18.26	13.18	NO	NO	15.1
C-1-30A	Prox	1	24.04	13.4	9.61	NO	NO	1.6
C-1-30B	FS	2	52.9	27.16				10
C-1-31A	Prox	1	12.21	9.94	0.96	NO	NO	0.2
C-1-31B	Prox	2	20.73	14.34	2.04	YES	NO	0.5
C-1-31C	Prox	1	16.81	8.22	0.63	NO	NO	0.2
C-1-31D	Prox	2	17.28	13.59	5.59	Y	NO	0.3
C-1-31E	Prox	1	18.4	8.15	3.95	NO	NO	0.2
C-1-32	Prox	1	50.08	33.01	10.16	YES	YES	11.5
C-1-33a	Prox	1	19.44	8.61	5.48	NO	NO	0.5
C-1-33B	Prox	1	18.53	9.3	3.9	NO	NO	0.3
C-1-34a	Prox	2	64.3	28.95	19.92	YES	YES	18.7
C-1-34B	ANG	2	13.39	10.75				0.4
1	Prox	1	27.87	22.47	3.87	NO	NO	1.7
2	Prox	1	25.92	14.72	3.39	NO	NO	2.1

3	FS	1	21.97	18.77				1.4
4	FS	1	20.54	20.4				0.9
5	Prox	1	33.99	14.77	9.02	NO	NO	1.5
6	Prox	2	21.17	12.48	7.66	Y	NO	0.4
7	FS	1	25.19	11.28				0.7
8	Prox	1	25.49	15.52	3.76	NO	NO	0.9
9	Prox	1	23.97	7.82	6.25	NO	NO	0.3
10	FS	1	20.71	14.09				0.3
11	Prox	1	21.76	16.53	13.68	NO	YES	1.3
12	ANG	2	23.75	8.5				0.6
13	FS	1	18.26	11.48				0.9
14	ANG	1	30.32	8.53				0.6
15	Prox	1	20.53	10.8	7.94	NO	NO	0.9
16	FS	1	20.35	16.9				1.1
17	FS	1	30.24	5.45				0.4
18	Prox	1	18.4	12.03	7.39	NO	NO	0.8
19	FS	1	19.28	9.68				0.5
20	ANG	1	22.29	6.98				0.6
21	FS	1	20.54	10.18				0.5
22	Prox	2	15.39	14.71	4.6	YES	YES	0.7
23	Prox	1	15.53	14.72	9.84	NO	NO	0.8
24	Prox	1	17.51	9.96	2.4	NO	NO	0.7
25	Prox	2	17.71	7.63	5.5	Y	NO	0.4
26	ANG	1	10.88	9.6				0.5
27	Prox	1	15.87	8.49	4.32	NO	NO	0.6
28	ANG	1	14.29	13.83				0.6
29	Prox	2	13.53	9.09	2.88	NO	NO	0.1
30	FS	1	14.9	7.71				0.2
31	Prox	1	12.99	8.59	3.29	NO	NO	0.2
32	Prox	2	15.98	8.2	2.16	YES	NO	0.1
33	FS	2	13.25	8.98				0.2
34	Prox	1	12.1	10.9	2.1	NO	NO	0.3
35	Prox	1	14.67	7.89	3.1	NO	NO	0.2
36	FS	1	13.86	8.59				0.2
37	FS	1	14.81	9.29				0.1
38	Prox	1	13.36	8.81	1.33	NO	NO	0.1
39	FS	1	15.83	8				0.3
40	Prox	1	15.4	8.33	2.98	NO	NO	0.2
41	Prox	1	11.63	10.19	2.84	NO	NO	0.1
42	ANG	3	14.4	8.08				0.3
43	FS	1	14.27	9.76				0.1

44	Prox	1	15.83	11.22	5.84	NO	NO	0.3
45	FS	1	14.23	8.33				0.1
46	FS	4	17.31	7.56				0.3
47	Prox	2	13.98	8.84	1.89	YES	NO	0.3
48	FS	1	10.76	9.32				0.1
49	Prox	2	11.36	7.8	3.34	NO	NO	0.1
50	ANG	2	13.23	9.11				0.3
51	Prox	1	10.5	9.66	3.48	NO	NO	0.1
52	Prox	1	10.7	6.3	3.22	NO	NO	0.2
53	Prox	1	8.73	7.9	4.43	NO	NO	0.2
54	ANG	1	11.82	9.45				0.2
55	FS	1	9.31	7.62				0.1
56	Prox	1	10.98	8.15	2.48	NO	NO	0.1
C-2-1A	PROX	3	71.64	48.62	35.44	YES	NO	36.4
C-2-1B	ANG	3	18.63	9.61				0.5
C-2-2A	PROX	2	66.37	51.15	8.36	YES	NO	28.2
C-2-2B	PROX	2	41.12	15.8	14.98	YES	NO	5.4
C-2-2C	FS	2	10.22	9.08				0.2
C-2-2D	FS	1	10.64	9.07				0.1
C-2-2E	FS	2	10.08	5.15				0.1
C-2-3	PROX	1	29.09	17.24	7.68	NO	NO	1.2
C-2-4A	PROX	2	34.01	26.39	3.95	YES	NO	3.6
C-2-4B	FS	3	32.66	16.28				2.5
C-2-4C	ANG	2	33.57	11.07				1.2
C-2-5A	PROX	2	39.98	28.37	12.35	YES	NO	6.2
c-2-5B	PROX	2	27.91	20.47	18.59	YES	NO	1.4
C-2-5C	PROX	2	26.11	25	9.53	YES	NO	1.2
C-2-5D	PROX	2	29.8	15.91	5.02	YES	NO	0.9
C-2-5E	FS	1	13.53	12.69				0.3
C-2-5F	PROX	2	17.91	12	7.27	YES	NO	0.6
C-2-5G	FS	1	16.19	6				0.3
C-2-6	PROX	2	52.52	49.97	16.85	NO	NO	10.2
C-2-7A	PROX	2	87.08	64.21	36.39	NO	NO	126.9
C-2-7B	PROX	2	29.42	16.54	5.22	NO	NO	0.9
C-2-8A	PROX	2	69.83	42.78	14.11	NO	NO	28.1
C-2-8B	PROX	1	31.93	19.59	11.4	NO	NO	2.5
C-2-8C	PROX	1	24.14	14.81	7.56	NO	NO	0.9
C-2-8D	FS	1	12.54	10.54				0.1
C-2-8E	FS	1	12.57	5.95				0.1
C-2-9A	FS	1	51.82	29.43				9.8
C-2-9B	PROX	1	21.32	13.3	3.22	NO	NO	0.3

C-2-9C	PROX	1	19.84	11.39	2.61	NO	NO	0.4
C-2-9D	FS	1	10.76	5.21				0.1
C-2-10	PROX	3	51.31	26.58	18.03	YES	NO	7.1
C-2-11A	PROX	3	47.21	31.45	32.59	NO	NO	11.6
C-2-11B	FS	2	39.95	38.14				9.7
c-2-11c	ANG	1	22.92	16.56				1.1
C-2-12A	ANG	2	46.85	14.59				4.9
C-2-12B	PROX	2	34.64	19.9	15.82	YES	NO	3.6
c-2-13a	FS	2	48.31	28.33				9.4
c-2-13b	FS	2	24.52	20.02				2
c-2-13c	FS	1	29.63	20.45				1.7
c-2-13d	PROX	1	28.22	10.12	5.31	NO	NO	0.9
c-2-13e	FS	1	9.87	8.28				0.1
c-2-14A	PROX	2	74.35	58.72	22.2	YES	NO	38.2
C-2-14B	FS	1	21.87	10.42				0.6
C-2-14C	ANG	2	28.44	13.52				1.2
c-2-15	PROX	2	39.04	11	9.7	YES	NO	1.1
c-2-16a	PROX	2	24.26	22.48	16.59	YES	NO	1.9
C-2-16B	FS	1	19.26	7.22				0.3
C-2-16C	PROX	1	13.26	10.24	4.96	NO	NO	0.2
C-2-16D	FS	2	13.75	7.38				0.2
C-2-16E	ANG	2	11.26	8.94				0.3
C-2-17A	FS	2	71.2	68.1				65.7
C-2-17B	PROX	2	54.88	28.26	33.13	YES	NO	21.6
C-2-17C	PROX	1	16.4	16	7.44	NO	NO	0.5
C-2-17D	PROX	2	16.57	12.74	1.15	NO	NO	0.2
C-2-18A	PROX	1	52.25	24.69	15.25	NO	YES	12.8
C-2-18B	FS	1	11.68	6.28				0.2
C-2-19A	PROX	2	16.22	13.1	6.12	NO	NO	0.8
C-2-19B	FS	1	26.11	13.31				0.9
C-2-19C	FS	2	22.82	12.78				1.2
C-2-20	ANG	2	22.98	13.35				1.6
1	ANG	1	15.29	5.78				0.2
2	FS	1	20.69	14.03				0.5
3	ANG	2	14.9	9.61				0.3
4	ANG	1	21.64	10.3				0.6
5	FS	1	14.94	14.78				0.3
6	FS	1	21.48	10.54				0.3
7	ANG	2	12.56	9.2				0.3
8	FS	2	18.1	9.96				0.3
9	ANG	1	17.27	10.76				0.4

10	FS	2	12.78	10.8				0.2
11	PROX	2	14.98	6.91	8.48	YES	NO	0.2
12	PROX	2	12.22	11.42	2.18	YES	NO	0.2
13	PROX	1	12.24	10.54	3.41	NO	NO	0.1
14	PROX	1	11.53	9.62	3.06	NO	NO	0.1
C-3-1A	ANG	2	79.75	56				54.2
C-3-1B	PROX	3	58.74	23.95	13.12	NO	NO	9.8
C-3-1C	PROX	2	26.96	14.93	8.18	NO	NO	1.1
C-3-1D	FS	1	12.06	6.7				0.1
C-3-2A	ANG	3	66.93	26.89				23.6
C-3-2B	PROX	3	15.31	14.68	11.48	YES	NO	0.9
C-3-2C	PROX	2	21.56	14.13	5.55	YES	NO	0.8
C-3-3A	PROX	2	75.21	34.9	21.67	YES	NO	36.9
C-3-3B	FS	2	9.83	8.4				0.2
C-3-4A	PROX	2	70.24	35.38	8.17	NO	NO	32.2
C-3-4B	PROX	2	61.29	30.08	14.62	NO	NO	22.4
C-3-5A	PROX	2	79.64	50.1	24.27	YES	NO	53.8
C-3-5B	FS	1	17.8	9.2				0.5
C-3-6A	PROX	2	57.33	44.69	43.92	YES	NO	19.4
C-3-6B	PROX	2	30.44	17.08	23.75	YES	NO	1.8
C-3-7	PROX	2	51.31	40.35	1.74	NO	NO	20.9
C-3-8	PROX	2	94.66	34.35	17.56	YES	NO	54.7
C-3-9	PROX	2	86.71	54.89	28.34	YES	NO	56.8
C-3-10A	PROX	2	25.73	16.87	11.95	NO	NO	1.5
C-3-10B	ANG	2	42.37	18.35				4.2
C-3-11	FS	1	28.9	13.08				1.1
C-3-12	PROX	2	90.88	76.78	17.69	NO	NO	166.6
1	FS	1	21.25	11.37				0.5
2	PROX	2	21.51	12.79				0.5
3	ANG	2	20.23	8.05				0.3
4	ANG	1	16.66	9.21				0.2
5	PROX	1	11.38	9.91				0.1
6	PROX	1	12.56	8.74				0.2
7	ANG	2	10.89	7.47				0.1
C-4-1	PROX	3	91.28	68.84	40.22	NO	NO	88.5
C-4-2A	PROX	2	68.08	46.86	14.93	NO	NO	29.3
C-4-2B	PROX	2	37.88	21.57	28.14	YES	NO	5.4
C-4-2C	PROX	2	32.8	18.51	10.21	YES	NO	2.4
C-4-2D	PROX	1	20.4	12.38	13.36	NO	NO	0.5
C-4-2E	PROX	1	14.62	6.19	2.31	NO	NO	0.1
C-4-3A	PROX	2	76.63	73.77	17.47	NO	NO	58.8

C-4-3B	FS	2	60.92	31.9				21.1
C-4-3C	PROX	3	19.74	15	12.06	NO	NO	1.2
C-4-3D	FS	1	22.19	20.18				1.3
C-4-3E	FS	1	13.76	12.16				0.3
C-4-3F	PROX	1	19.29	13.14	12.77	NO	NO	0.5
C-4-3G	FS	1	11.75	6.99				0.2
C-4-3H	FS	1	11.33	5.93				0.1
C-4-3I	PROX	1	28.81	11.4	8.31	NO	NO	0.9
C-4-4	PROX	2	91.27	42.59	58.45	YES	NO	55.7
C-4-5A	PROX	2	132.04	81.3	9.92	NO	NO	213.6
C-4-5B	PROX	2	62.75	40.02	10.3	NO	NO	23
C-4-5C	PROX	3	34.51	30.85	10.31	NO	NO	9.1
C-4-5D	FS	1	22.09	13.9				0.7
C-4-6A	PROX	2	80.47	61.23	19.31	NO	NO	54
C-4-6B	FS	1	16.58	11.63				0.1
C-4-7A	PROX	2	103.94	57.94	29.38	NO	NO	64.3
C-4-7B	PROX	3	45.28	39.28	7.23	NO	NO	21.2
C-4-8A	PROX	2	33.32	21.27	15.16	NO	NO	4.7
C-4-8B	FS	2	16	7.75				0.3
C-4-9A	PROX	2	80.95	59.22	19.77	YES	NO	29.6
C-4-9B	FS	1	18.75	15.26				0.4
C-4-10A	PROX	2	63.32	65.91	5.08	NO	NO	44.3
C-4-10B	FS	1	13.63	14.47				1
1	PROX	1	12.74	12.71	6.61	NO	NO	0.4
2	PROX	2	18.32	11.21	3.32	NO	NO	0.4
3	FS	2	17.63	9.06				0.5
4	FS	2	19.01	10.46				0.3
5	PROX	1	29.03	10.65	3.45	NO	NO	0.6
6	PROX	1	17.7	9.32	5.4	NO	NO	0.3
7	PROX	1	14.68	11.61	7.34	NO	NO	0.3
8	PROX	1	15.02	8.66	4.2	NO	NO	0.3
9	PROX	2	13.09	9.41	13.12	YES	NO	0.3
10	ANG	1	11.09	7.47				0.2
11	PROX	1	17.96	10.62	11.89	NO	NO	0.5
12	PROX	1	23.34	9.96	5.83	NO	NO	0.4
13	PROX	2	13.26	9.46	4.23	YES	NO	0.1
14	PROX	1	14.16	13.62	5.12	NO	NO	0.4
15	FS	2	18.74	11.68				
16	PROX	2	12.85	12.77	7.94	YES	NO	0.3
17	PROX	2	16.35	7.33	2.23	NO	NO	0.1
18	PROX	2	10.76	7.48	10.43	YES	NO	0.1

19	PROX	3	14.99	8.82	7.99	NO	NO	0.3
20	FS	2	12.78	9.32				0.3
21	FS	1	8.94	7.7				0.1
22	FS	1	12.85	8.62				0.2
23	FS	1	10.52	9.3				0.1
24	FS	1	8.4	8.84		`		0.1
C-5-1	PROX	3	90.72	73.96	96.91	YES	NO	164.5
C-5-2A	PROX	2	18.41	11.79	4.32	NO	NO	1
C-5-2B	PROX	2	30.66	8.81	6.89	YES	NO	0.5
C-5-3	PROX	3	95.6	48.07	28.94	YES	NO	107.7
C-5-4	PROX	3	35.05	19.86	22.62	YES	NO	3.5
C-5-5A	PROX	2	57.11	39.94	19.84	YES	NO	17
C-5-5B	PROX	3	19.96	15.78	12.73	YES	NO	1.2
C-5-5C	PROX	2	15.82	14.7	3.17	YES	NO	0.4
C-5-5D	ANG	3	84.56	35.54				75.56
C-5-6A	PROX	3	41.9	31.56	25.89	NO	NO	11.6
C-5-6B	FS	3	27.41	13.66				1.4
C-5-7A	PROX	2	66.48	44.51	27.56	YES	NO	44.7
C-5-7B	PROX	2	13.81	8.06	10.9	YES	NO	0.2
C-5-7C	ANG	3	49.46	27.77				18.2
C-5-7D	ANG	4	17.26	12.87				1.1
C-5-7E	ANG	2	24.5	8.28				0.9
C-5-7F	ANG	2	15.24	9.03				0.7
C-5-7G	ANG	2	17.51	5.3				0.2
1	ANG	3	19.13	8.08				0.6
2	ANG	2	24.2	10.76				1
3	PROX	3	14.48	12.13	9.04	NO	NO	0.3
4	FS	3	14.04	9.86				0.2
5	ANG	3	10.12	6.65				0.4
6	FS	2	14.77	8.82				0.4
7	FS	1	13.37	8.1				0.2
8	FS	1	10.24	6.81				0.1
9	FS	1	9.54	8.88				0.1
10	FS	2	10.14	7.94				
C-6-1A	PROX	2	28.82	16.49	16.49	NO	NO	4.5
C-6-1B	FS	2	22.45	16.91				2.4
C-6-2	PROX	2	55.83	28.26	12.24	YES	NO	10.4
C-6-3A	PROX	3	22.92	9.67	4.37	NO	NO	0.4
C-6-3B	PROX	3	14.26	7.02	4.27	NO	NO	0.2
C-6-4	PROX	2	35.36	13.3	13.39	NO	NO	2.2
C-6-5	PROX	2	15.32	7.82	1.44	NO	NO	0.1

C-6-6	PROX	3	36.09	24.97	21.12	NO	NO	5.3
C-6-7A	PROX	3	65.95	46.7	30.02	NO	NO	46.9
C-6-7B	FS	3	24.17	14.05				1.1
C-6-8A	PROX	3	50.69	27.5	18.89	NO	NO	15.1
C-6-8B	ANG	2	18.06	12.83				0.9
C-6-9	PROX	2	40.53	23.62	7.22	NO	NO	5.6
C-6-10	PROX	1	19.35	19.08	13.4	NO	NO	1.2
C-6-11	PROX	2	53.74	29.58	30.59	NO	NO	20.8
C-6-12	FS	2	13.78	10.84				0.3
C-6-13	PROX	2	27.32	12.97	10.58	NO	NO	1.4
C-6-14A	PROX	2	24.58	20.96	11.86	NO	NO	1
C-6-14B	PROX	2	18.97	11.99	7.67	NO	NO	0.8
C-6-14C	PROX	1	11.56	6.5	5.13	NO	NO	0.1
C-6-14D	PROX	1	15.53	13.66				0.4
C-6-15	PROX	2	28.25	21.22	13.16	NO	NO	2.9
C-6-16A	PROX	2	58.58	26.5	11.49	NO	NO	20.8
C-6-16B	PROX	2	25.39	9.94	9.45	NO	NO	0.7
C-6-17	PROX	1	23.15	9.12	5.76	NO	NO	0.4
C-6-18A	PROX	2	53.1	38.75	25.03	NO	NO	19.2
C-6-18B	PROX	1	36.86	12.01	10	NO	NO	1.5
C-6-18C	PROX	1	11.37	9.52	4.43	NO	NO	0.2
C-6-18D	FS	1	11.5	7.13				0.1
C-6-19A	PROX	2	73.97	44.54	21.22	NO	NO	57.2
C-6-19B	PROX	1	23.79	10.21	7.93	NO	NO	0.3
C-6-20A	PROX	1	38.28	29.98	20.78	NO	NO	5.9
C-6-20B	FS	1	26.42	18.53				2.3
C-6-21	PROX	1	48.98	25.09	22.95	NO	NO	5
C-6-22	PROX	1	21.89	14.16	11.56	NO	NO	1.1
C-6-23	PROX	2	41.14	35.31	22.76	NO	NO	9.2
C-6-24	PROX	2	37.37	22.28	8.17	NO	NO	2.4
C-6-25	PROX	2	78.3	29.81	17.9	NO	NO	25.3
C-6-26	PROX	1	29.21	18.83	17.28	NO	NO	2.1
C-6-27A	PROX	1	23.27	17.78	8.69	NO	NO	0.5
C-6-27B	PROX	1	15.01	7.5	15.01	NO	NO	0.1
C-6-27C	FS	1	24.49	21.73				1.7
C-6-28	PROX	2	46.19	16.12	4.44	NO	NO	3.9
C-6-29	PROX	2	39.09	34.06	15.27	NO	NO	8.9
C-6-30A	PROX	1	26.86	17.42	16.34	NO	NO	1.7
C-6-30B	PROX	1	14.36	14.22	7.78	NO	NO	0.6
C-6-31	PROX	2	44.47	19.09	17.93	NO	NO	9.7
C-6-32	PROX	3	36.11	29.02	21.09	YES	NO	6.1

C-6-33A	PROX	2	50.94	31.04	19.35	NO	NO	18.2
C-6-33B	ANG	2	22	5.89				0.8
C-6-33C	ANG	1	13.38	11.2				0.4
C-6-34	PROX	2	38.77	23.69	4.98	NO	NO	5.8
C-6-35A	PROX	2	31.59	17.05	13.17	NO	NO	2.6
C-6-35B	PROX	1	19.85	9.03	3.78	NO	NO	0.3
C-6-35C	PROX	1	15.86	12.41	2.16	NO	NO	0.2
C-6-36	PROX	1	9.74	7.98	1.81	NO	NO	0.1
C-6-37	PROX	1	24.43	18.23	11.24	NO	NO	2
C-6-38	PROX	1	19.02	12.01	13.57	NO	NO	0.3
C-6-39	PROX	1	21.36	16.19	14.56	NO	NO	0.7
C-6-40	PROX	1	16.62	15.67	10.72	NO	NO	0.3
C-6-41	PROX	1	20.12	13.63	7.38	NO	NO	0.5
C-6-42	PROX	1	15.95	9.88	11.6	NO	NO	0.3
C-6-43	PROX	1	12.26	9.3	6.63	NO	NO	0.2
C-6-44	PROX	2	44.55	42.98	25.32	NO	NO	18.1
C-6-45	PROX	1	39.08	24.5	15.3	NO	NO	6.6
1	ANG	3	23.02	9.73				0.5
2	FS	1	8.91	7.4				0.1
3	FS	2	12.29	8.97				0.2
4	PROX	1	8.88	6.91	3.27	NO	NO	0.2
5	FS	1	8.84	7.47				0.2
6	PROX	2	11.55	7.64	6	NO	NO	0.2
7	PROX	2	11.71	8.14	1.25	YES	NO	0.2
8	PROX	2	12.7	7.22	7.33	NO	NO	0.1
9	FS	1	8.52	8.09				0.1
C-7-1A	PROX	2	34.23	28.01	17.92	YES	NO	4.8
C-7-1B	FS	1	31.31	19.01				2.3
C-7-1C	ANG	2	16.27	8.99				0.3
C-7-1D	PROX	1	14.22	7.57	4.71	NO	NO	0.2
C-7-2A	PROX	3	80.2	54.97	15.56	NO	NO	103.5
C-7-2B	PROX	1	32.24	12.15	7.62	NO	NO	0.9
C-7-2C	PROX	2	21.75	14.34	17.38	NO	NO	1.3
C-7-2D	FS	2	21.72	10.75				0.4
C-7-2E	ANG	1	14.13	6.69				0.3
C-7-2F	PROX	1	15.18	9.93	11.98	NO	NO	0.5
C-7-3A	PROX	1	40.58	29.41	15.69	NO	NO	4.2
C-7-3B	PROX	1	18.09	14.07	13.97	NO	NO	1.1
C-7-3C	FS	1	15.03	6.8				0.1
C-7-3D	FS	2	12.34	10.64				0.2
C-7-4A	PROX	3	63.13	45.35	37.33	YES	NO	22.6

C-7-4B	PROX	3	52.33	46.4	19.54	YES	NO	29
C-7-4C	FS	4	30.67	21.75				1.5
C-7-5	PROX	2	79.39	57.91	8.72	NO	NO	48.9
C-7-6A	PROX	2	91.21	60.26	10.42	YES	NO	77.3
C-7-6B	PROX	2	44.29	27.79	14.9	YES	NO	9.6
C-7-6C	PROX	2	26.15	22.81	2.17	NO	NO	1
C-7-7	PROX	2	47.14	25.99	15.12	NO	NO	11.4
C-7-8	PROX	2	93.37	40.96	33	YES	NO	53.8
C-7-9A	PROX	1	37.61	22.83	26.69	NO	NO	4.1
C-7-9B	ANG	1	13.52	12.07				0.5
C-7-10A	PROX	2	52.46	20.42	13.87	NO	NO	5.3
C-7-10B	FS	1	18.98	7.87				0.3
C-7-11	PROX	1	16.22	9.61	7.72	NO	NO	0.2
C-7-12	PROX	2	68.12	52.24	47.3	NO	NO	85.7
C-7-13A	PROX	1	30.91	12.85	2.23	NO	NO	1.5
C-7-13B	PROX	1	14.34	11.05	5.73	B	NO	0.3
C-7-13C	FS	1	15.15	9.23				0.4
C-7-14	PROX	1	51.38	36.97	16.01	NO	NO	11.2
C-7-15	PROX	2	55.66	36.68	22.12	YES	NO	23.3
C-7-16	PROX	1	37.1	22.08	26.79	NO	NO	5.2
C-7-17	PROX	1	38.41	35.63	24.84	NO	NO	12.8
C-7-18	PROX	2	22.67	21.47	8.13	NO	NO	1.5
C-7-19A	PROX	1	27.42	14.33	13.1	NO	NO	3.4
C-7-19B	FS	1	13.64	7.49				0.1
C-7-20A	PROX	1	68.21	44.66	26.55	NO	NO	30.7
C-7-20B	PROX	2	34.04	23.77	11.55	NO	NO	5.5
C-7-21	PROX	1	44.46	27.68	23.65	NO	NO	7.6
C-7-22	PROX	1	16.59	11.72	9.78	NO	NO	0.3
C-7-23	PROX	2	63.96	42.24	18.81	NO	NO	23.2
C-7-24A	PROX	1	40.7	26	12.18	NO	NO	6.7
C-7-24B	PROX	1	26.88	17.25		NO	NO	1.1
C-7-24C	PROX	1	12.92	9.5	1.45	NO	NO	0.2
C-7-25	PROX		55.58	51.81	20.15	NO	NO	26.8
C-7-26A	PROX	2	38.57	23.53	16.4	NO	YES	8
C-7-26B	FS	1	19.04	10.77				0.4
C-7-26C	PROX	1	17.76	9.79	3.26	NO	NO	0.3
C-7-27	PROX	1	27.23	13.17	5.52	NO	NO	1.3
C-7-28A	PROX	1	40.94	29.41	9.63	NO	YES	7.4
C-7-28B	FS	1	11.78	10.26				0.2
C-7-29A	PROX	1	49.61	27.8	13.8	NO	NO	13.2
C-7-29B	PROX	1	30.54	19.6	7.87	NO	NO	4.3

C-7-29C	PROX	1	33.43	31.44	12.75	NO	NO	3.9
C-7-29D	FS	1	28.29	14.65				2.3
C-7-30	PROX	1	45.11	26.71	10.09	NO	NO	3.5
C-7-31	PROX	1	60.85	36.83	15.01	NO	NO	26
C-7-32A	PROX	2	51.53	43.47	32.19	NO	NO	20.2
C-7-32B	FS	1	11.82	8.25				0.1
1	PROX	1	17.98	10.01	12.35	NO	NO	0.4
2	PROX	1	10.02	7.71	5.58	NO	NO	0.1
3	FS	3	18.55	11.28				0.3
4	PROX	4	10.99	7.39	3.06	YES	NO	0.1
5	PROX	1	11.52	11.09	2.46	NO	NO	0.2
6	PROX	1	13.81	10.92	7.12	NO	NO	0.4
7	PROX	1	13.57	8.24	2.67	NO	NO	0.1
8	FS	4	12.12	8.97				0.2
9	FS	4	13.07	7.64				0.1
10	PROX	1	10.99	8.83				0.1
C-8-1A	PROX	3	34.19	27.5	15.27	NO	NO	4.3
C-8-1B	FS	3	32.87	31.93				3.9
C-8-1C	ANG	2	24.51	14.71				1.9
C-8-2	PROX	1	22.41	10.56	2.21	NO	NO	0.3
C-8-3A	PROX	2	55.91	50.69	34.06	NO	NO	15.2
C-8-3B	FS	2	43.25	22.06				4.3
C-8-3C	FS	2	43.58	33.11				3.8
c-8-3d	ANG	1	15.95	7.83				0.3
C-8-3E	FS	3	15.36	10				0.3
C-8-4A	PROX	2	65.15	41.57	33.27	NO	NO	24.1
C-8-4B	FS	3	48.53	32.62				13.9
C-8-5A	PROX	3	58.89	43.56	27.33	NO	NO	44.5
C-8-5B	FS	2	64.52	45.09				43
C-8-6	PROX	1	37.97	24.31	24.24	NO	NO	6.1
C-8-7	PROX	2	83.68	64.74	31.79	NO	NO	55
C-8-8A	PROX	3	62.17	41.03	26.12	NO	NO	32
C-8-8B	PROX	2	42.14	13.78	2.64	NO	NO	1.1
C-8-9A	PROX	1	35.44	12.94	7.34	NO	NO	1.6
C-8-9B	PROX	1	23.39	11.53	5.82	NO	YES	0.6
C-8-9C	FS	1	13.77	6.72				0.1
C-8-10A	PROX	2	56.75	19.32	15.78	NO	NO	9.8
C-8-10B	FS	2	29.81	6.98				0.5
C-8-11A	PROX	1	20.5	13.7	13.5	NO	NO	0.3
C-8-11B	FS	1	13.96	7.3				0.1
C-8-11C	PROX	1	15.79	9.44	8.13	NO	NO	0.3

C-8-12A	PROX	1	21.3	12.87	12.51	NO	NO	0.6
C-8-12B	FS	1	14.39	7.15				0.2
C-8-12C	FS	1	14.17	5.86				0.2
C-8-13a	PROX	1	51.37	30.8	28.59	NO	NO	6.7
C-8-13B	PROX	1	11.18	8.63	8.27	NO	NO	0.2
C-8-14A	PROX	2	90.88	34.88	28.57	NO	NO	99.1
C-8-14B	PROX	1	34.45	7.95	4.2	NO	NO	0.7
C-8-15A	PROX	2	88	46.37	10.94	NO	NO	58.4
C-8-15B	PROX	1	23.66	10.1	2.72	NO	NO	0.5
C-8-16A	PROX	1	33.07	25.95	18.21	NO	NO	6.8
C-8-17	PROX	3	38.57	19.2	20.7	NO	NO	2.7
C-8-18A	PROX	1	71.1	35.9	12.89	NO	NO	21.14
C-8-18B	FS	1	20.94	19.15				0.6
C-8-19A	PROX	1	57.83	36.56	23.31	NO	NO	15.9
C-8-19B	FS	1	18.25	10.58				0.3
C-8-20A	PROX	1	15.18	9.56	3.6	NO	NO	0.2
C-8-20B	PROX	1	10.22	10.21	6.87	NO	NO	0.1
C-8-21	PROX	1	16.83	12.7	8.4	NO	NO	0.3
C-8-22A	PROX	1	20.44	13.35	13.31	NO	NO	0.7
C-8-22B	PROX	1	20.37	8.95	6.2	NO	NO	0.3
C-8-22C	PROX	1	11.22	9.2	6.52	NO	NO	0.1
C-8-22D	FS	1	23.88	17.16				1.1
C-8-22E	FS	1	13.77	6.46				0.3
C-8-22F	PROX	2	16.22	10.11	6.73	YES	NO	0.3
C-8-23	PROX	2	52.26	43.27	39.4	NO	NO	25.2
C-8-24A	PROX	1	31.71	20.91	11.74	NO	NO	1.2
C-8-24B	PROX	1	28.97	12.08	8.39	NO	NO	1.3
C-8-25A	PROX	1	23.05	18.35	8.53	NO	NO	1.5
C-8-25B	PROX	1	14.87	9.53	7.02	NO	NO	0.2
C-8-26	PROX	2	54.72	38.13	20.34	NO	NO	16.9
C-8-27	PROX	2	42.04	36.71	33.09	NO	NO	11.4
C-8-28A	PROX	1	78.11	47.1	22.75	NO	NO	36.5
C-8-28B	FS	1	17.41	11.8				0.2
C-8-28C	PROX	1	11.54	7.84	2.61	NO	NO	0.2
C-8-28D	ANG	1	17.84	7.26				0.3
C-8-29	PROX	3	21.77	15.91	8.86	NO	NO	0.6
C-8-30A	PROX	1	28.64	13.78	4.87	NO	NO	0.8
C-8-30B	PROX	1	25.88	26.04	10.13	NO	NO	1.4
C-8-31	PROX	3	15.49	11.52	6.3	NO	NO	0.3
1	ANG	2	16.26	6.49				0.2
2	FS	1	15.78	8.17				0.3

3	PROX	1	11.3	9.48	3.53	NO	NO	0.3
4	PROX	1	16.51	8.45	9.77	NO	NO	0.2
5	FS	1	12.18	6.48				0.1
6	PROX	1	9.5	8.58	2.47	NO	NO	0.1
7	PROX	1	10.78	8.02	6.39	NO	NO	0.1
8	PROX	1	7.89	7.52	1.8	NO	NO	0.2
C-9-1A	PROX	3	82.85	48.8	20.01	NO	NO	63.7
C-9-1B	PROX	2	21.59	19.21	7.48	NO	NO	2.6
C-9-2A	PROX	2	17.59	7.04	3.85	NO	NO	0.1
C-9-2B	FS	4	21.86	7.08				0.2
C-9-3A	PROX	3	40.11	23.57	12.26	YES	NO	5.3
C-9-3B	PROX	2	17.54	14.27	7.83	NO	NO	0.4
C-9-3C	FS	1	12.31	11.27				0.2
C-9-3D	FS	1	9.25	7.62				0.1
C-9-4A	PROX	3	20.01	18.6	8.85	YES	NO	0.7
C-9-4B	PROX	2	16.52	10.92	10.34	YES	NO	0.5
C-9-4C	FS	3	21.1	13.44				0.9
C-9-5	PROX	2	38.99	24.62	27.6	NO	NO	3.7
C-9-6	PROX	2	62.47	31.63	16.63	NO	NO	11.1
C-9-7A	PROX	3	29.4	22.86	20.47	NO	NO	2.5
C-9-7B	PROX	1	22.88	11.43	9.99	NO	NO	0.6
C-9-7C	FS	3	8.49	7.81				0.1
C-9-7D	PROX	1	25.15	12.88	8.23	NO	NO	1.2
C-9-7E	FS	1	15.2	9.22				0.2
C-9-8A	PROX	2	16.05	13.17	5.92	YES	NO	0.3
C-9-8B	PROX	3	38.42	25.77	13.02	YES	NO	2.7
C-9-9A	PROX	2	68.27	25.28	4.49	NO	NO	7.3
C-9-9B	PROX	1	21.7	19.82	21.23	NO	NO	2.1
C-9-11A	PROX	3	33.18	16.15	2.41	NO	NO	2.4
C-9-11B	PROX	3	16.1	13.8	10.4	NO	NO	0.4
C-9-11C	FS	2	40.99	25.87				6.8
C-9-11D	FS	3	27.33	9.29				0.5
C-9-11E	FS	2	14.57	12.23				0.5
C-9-11F	FS	3	18.21	16.91				0.8
C-9-11G	FS	3	11.6	7.31				0.1
C-9-11H	FS	3	13.01	7.11				0.1
C-9-12	PROX	3	20.22	15.87	4.71	NO	NO	0.6
C-9-13A	PROX	2	20.63	18.56	14.7	NO	NO	0.9
C-9-13B	FS	3	14.62	10.94				0.3
C-9-14A	PROX	1	25.52	19.87	5.15	NO	NO	1.2
C-9-14B	PROX	3	47.9	29.75	21.46	NO	NO	5.4

C-9-15A	PROX	1	18.51	15.61	16.19	NO	NO	0.9
C-9-15B	PROX	1	20.89	10.12	18.45	NO	NO	0.4
C-9-15C	FS	2	11.4	9.68				0.2
C-9-16	PROX	2	68.13	58.45	25.49	NO	NO	48.8
C-9-17	PROX	1	58.39	49.77	7.55	NO	NO	16.6
C-9-18	PROX	2	69.42	67.33	38.86	NO	NO	44.4
C-9-19	PROX	2	29.11	19.77	5.44	NO	NO	1.5
C-9-20A	PROX	2	29.52	16.55	13.21	YES	NO	2.2
C-9-20B	ANG	1	28.93	11.03				1.2
C-9-20C	FS	1	12.4	7.14				0.1
C-9-20D	ANG	2	15.67	7.17				0.4
C-9-20E	ANG	1	27.47	8.79				0.8
C-9-20F	FS	2	19.01	6.97				0.2
C-9-21	PROX	2	55.85	27.51	17.24	YES	NO	12.4
C-9-22	PROX	2	59.56	40.61	43.83	NO	NO	26.7
C-9-23A	PROX	2	34.63	25.67	3.81	NO	NO	4.2
C-9-23B	PROX	1	12.93	6.98	3.02	NO	NO	0.1
C-9-24	PROX	2	41.39	36.69	32.43	NO	NO	10.9
C-9-25	PROX	2	61.74	55.73	61.74	YES	NO	36.1
C-9-26	PROX	1	41.92	30.79	13.67	NO	NO	7.7
C-9-27A	PROX	2	52.25	43.27	26.37	NO	NO	15.6
C-9-27B	FS	1	10.77	10.69				0.1
C-9-27C	FS	1	14.43	10.27				0.1
C-9-28A	PROX	2	49.16	17.7	8.12	NO	NO	7.4
C-9-28B	ANG	2	13.38	6.04				0.4
C-9-29A	PROX	2	63.69	32.56	13.21	NO	NO	26.9
C-9-29B	ANG	1	27.03	7.63				1.1
C-9-29C	ANG	1	16.9	9.18				0.3
C-9-29D	FS	1	9.68	7.81				0.1
C-9-29E	PROX	2	10.05	6.6	3.13	NO	NO	0.1
C-9-30	PROX	2	48.65	43.18	19.71	NO	NO	12.5
C-9-31	PROX	3	40.51	29.79	32.67	NO	NO	7
C-9-32	PROX	2	61.17	32.98	60.13	NO	NO	22.2
C-9-33	PROX	2	66.63	28.02	66.48	YES	NO	26.4
C-9-34	PROX	3	24.75	10.3	3.2	NO	NO	0.7
C-9-35	PROX	2	62.04	38.98	29.13	NO	NO	35.7
C-9-36A	PROX	1	10.56	9.85	4.16	NO	NO	0.1
C-9-36B	PROX	1	18.24	11.94	3.34	NO	NO	0.4
C-9-36C	PROX	1	17.18	10.51	3.87	NO	NO	0.4
C-9-37A	PROX	1	34.37	23.38	21.06	NO	NO	4.1
C-9-37B	FS	1	17.2	15.1				0.6

C-9-38A	PROX	1	57.5	39.84	20.24	NO	NO	18.2
C-9-38B	FS	1	11.28	10.25				0.1
C-9-39	PROX	1	21.85	12.66	1.47	NO	NO	0.6
C-9-40A	PROX	1	17.94	17.58	14.57	NO	NO	0.8
C-9-40B	PROX	1	15.9	14.43	13.09	NO	NO	0.5
C-9-40C	PROX	1	15.01	6.66	2.54	NO	NO	0.1
C-9-40D	FS	1	15.48	12.04				0.4
C-9-41	PROX	2	74.88	57.42	32.34	NO	NO	38.5
1	PROX	1	13.3	12.06	3.86	NO	NO	0.2
2	FS	1	15.92	8.25				0.2
3	ANG	2	11.81	7.53				0.3
4	PROX	1	15.75	11.23	10.59	NO	NO	0.5
5	PROX	1	14.52	7.42	8.05	NO	NO	0.3
6	PROX	1	12.69	8	3.9	NO	NO	0.2
7	PROX	1	17.21	7.5	3.87	NO	NO	0.1
C-10-1A	PROX	3	92.45	72.14	45.41	YES	NO	123.5
C-10-1B	PROX	3	56.48	45.79	30.16	NO	NO	36.2
C-10-1C	ANG	1	8.39	8.16				0.2
C-10-2A	PROX	2	79.05	62.03	33.86	YES	NO	106.3
C-10-2B	PROX	3	33.3	25.95	18.12	YES	NO	4.2
C-10-2C	FS	3	25.2	23.3				3.9
C-10-2D	PROX	2	13.32	9.96	6.32	NO	NO	0.4
C-10-3A	PROX	3	110.66	46.03	43.54	NO	NO	163.5
C-10-3B	FS	2	30.43	8.26				0.6
C-10-4A	PROX	2	77.4	72.65	42.9	NO	NO	92
C-10-4B	PROX	1	21.67	14.73	5.62	NO	NO	0.7
C-10-4C	PROX	1	21.19	9.7	6.58	NO	NO	0.6
C-10-5A	PROX	2	58.56	42.57	19.51	NO	YES	33.3
C-10-5B	FS	1	9.94	6.48				0.2
C-10-6	PROX		83.3	62.66	25.69	NO	YES	81.8
C-10-7A	PROX	1	25.65	8.71	9.79	NO	YES	0.8
C-10-7B	PROX	2	70.93	24.26	9.19	NO	NO	12.5
C-10-8A	PROX	2	54.71	38.73	26.17	NO	YES	22.4
C-10-8B	FS	1	14.13	12.95				0.2
C-10-9	PROX	2	36.17	28.81	26.21	NO	NO	7.7
C-10-10	PROX	2	59.96	23.24	20.3	YES	NO	10.3
C-10-11	PROX	2	58.63	17.16	12.19	NO	YES	7.5
C-10-12	PROX	1	22.48	18.99	13.2	NO	NO	2.2
C-10-13	PROX	1	50.93	16.91	14.93	NO	NO	4.8
C-10-14A	PROX	1	39.9	37.89	3.92	NO	YES	9.3
C-10-14B	FS	1	11.72	7.84				0.1

C-10-15A	PROX	1	23.94	16.64	14.07	NO	YES	2.2
C-10-15B	PROX	1	33.95	18.94	18.1	NO	NO	2
C-10-15C	FS	1	19.24	9.71				1
C-10-16A	PROX	2	59.8	49.3	22.32	NO	NO	32.3
C-10-16B	FS	1	29	12.01				1.2
C-10-16C	FS	1	12.69	8.75				0.1
C-10-17	PROX	1	67.74	25.35	9.36	NO	NO	10.8
C-10-18A	PROX	1	28.79	15.51	7.67	NO	NO	2.2
C-10-18B	PROX	1	17.01	11.78	5.27	NO	NO	0.2
C-10-19A	PROX	1	33.85	30.6	7.4	NO	NO	6.1
C-10-19B	PROX	1	32.1	19.19	11.25	NO	NO	3.4
C-10-19C	FS	1	13.92	7.29				0.3
C-10-20	PROX	1	41.3	23.08	14.58	NO	NO	5.5
C-10-21A	PROX	1	49.62	31.41	11.15	NO	YES	7.2
C-10-21B	PROX	1	17.29	8.9	3.08	NO	NO	0.6
1	FS	1	14.25	12.2				0.2
C-11-1	PROX	4	55.58	40.4	16.6	YES	NO	12.3
C-11-2A	PROX	2	55.16	24.04	18.22	NO	NO	5.6
C-11-2B	PROX	3	44.93	18.4	11.79	NO	NO	3.8
C-11-3	PROX	3	20.37	11.76	6.28	NO	NO	0.6
C-11-4A	PROX	2	51.38	22.32	8.22	NO	NO	7.3
C-11-4B	FS	4	25.6	8.61				0.6
C-11-4C	PROX	2	13.45	8.87	6.04	NO	NO	0.1
C-11-4D	PROX	1	12.39	10.52	1.26	NO	NO	0.2
C-11-4E	FS	1	13.03	8.61				0.3
C-11-5A	PROX	2	49.16	27.09	17.93	NO	NO	9.5
C-11-5B	FS	1	10.45	7.96				0.1
C-11-6	PROX	3	88.58	35.25	20.05	NO	NO	54.5
C-11-7	PROX	3	59.59	33.11	18.28	NO	YES	16.1
C-11-8	PROX	2	88.92	29.09	20.33	NO	NO	39.5
C-11-9	PROX	2	75.41	42.79	17.79	NO	NO	26.8
C-11-10A	PROX	1	49.5	16.28	6.95	NO	NO	3.8
C-11-10B	PROX	1	18.8	18.68	11.71	NO	NO	0.6
C-11-11	PROX	2	63.77	59.01	22.72	NO	NO	37.6
C-11-12	PROX	2	83.61	29.52	19.19	NO	YES	35.7
C-11-13A	PROX	2	64.14	24.71	9.17	NO	NO	8.2
C-11-13B	PROX	1	18.72	7.87	7.43	NO	YES	0.5
C-11-13C	PROX	1	16.67	12.79	5.23	NO	NO	0.2
C-11-13D	FS	2	12.04	7.74				0.1
C-11-14	PROX	3	60.58	25.41	13.05	NO	NO	10.5
C-11-15	PROX	2	47.36	33.06	18.12	NO	NO	10.1

C-11-16A	PROX	2	51.89	36.16	41.57	NO	NO	4.7
C-11-16B	PROX	3	31.61	24.28	9.66	NO	NO	2.7
C-11-16C	FS	1	23.28	14.99				0.5
C-11-16D	FS	1	17.32	10.74				0.4
C-11-16E	PROX	2	11.8	8.6	4.04	NO	NO	0.1
C-11-17A	PROX	2	86.88	38.53	8.32	NO	NO	75.6
C-11-17B	ANG	2	20.5	15.46				0.8
C-11-18A	PROX	2	60.61	16.71	9.26	NO	YES	5.2
C-11-18B	PROX	1	51.45	20.38	10.8	NO	YES	4.9
C-11-19A	PROX	2	37.28	21.15	8.64	NO	NO	3.4
C-11-19B	PROX	2	35.1	28.49	13.45	NO	YES	2.4
C-11-19C	FS	2	20.12	14.54				0.7
C-11-20	PROX	2	59.97	39.19	29.25	NO	NO	19.4
C-11-21	PROX	3	43.84	20.49	22.15	NO	NO	6.8
C-11-22	PROX	2	69.08	38.58	19.68	NO	NO	32.7
C-11-23	PROX	1	45.57	27.69	17.67	NO	NO	11.9
C-11-24A	PROX	2	38.91	21	17.43	NO	NO	3.9
C-11-24B	FS	2	25.42	7.75				4.2
C-11-25A	PROX	2	40.98	15.79	3.05	NO	NO	5.1
C-11-25B	PROX	1	15.12	9.52	6.82	NO	NO	0.2
C-11-26	PROX	2	52.01	19.2	8.72	NO	YES	3.4
C-11-27A	PROX	2	56.47	21.41	9.08	NO	NO	6.4
C-11-27B	FS	1	14.18	7.62				0.1
C-11-27A*	PROX	2	24.08	20.15	9.17	NO	NO	1.6
C-11-27B*	PROX	2	32.69	14.6	4.88	NO	NO	1.6
C-11-28	PROX	3	60.83	20.08	14.98	YES	NO	8
C-11-28A*	PROX	1	25.94	13.11	7.95	NO	NO	1.3
C-11-28B*	FS	1	20.66	15.92				1.2
C-11-29	PROX	2	55.41	33.44	32.33	YES	NO	17.9
C-11-30A	PROX	3	23.74	11.13	4.58	YES	NO	0.6
C-11-30B	ANG	3	18.51	8.59				0.8
C-11-31	PROX	2	35.44	17.25	9.34	NO	NO	2.9
C-11-32	PROX	1	16.65	10.54	7.48	NO	NO	0.5
C-11-33	PROX	1	15.8	15.79	12.76	NO	NO	0.3
C-11-34A	PROX	2	61.97	34.86	24.69	NO	YES	27
C-11-34B	ANG	1	9.86	9.59				0.2
C-11-35A	PROX	1	45.45	31.08	12.29	NO	NO	10.2
C-11-35B	ANG	1	37.35	18.82				6.7

1	PROX	1	15.18	9.91	5.66	NO	NO	0.2
2	ANG	2	14.2	8.91				0.3
3	ANG	1	16.48	7.46				0.3
4	ANG	1	13.84	7.09				0.3
5	PROX	1	11.91	7.74	7.24	NO	NO	0.1
6	PROX	1	12.65	10.13	4.49	NO	NO	0.1
7	PROX	1	12.66	10.56	9.01	NO	NO	0.1
8	PROX	1	11.56	8.71	6.12	NO	NO	0.1
9	PROX	1	11.11	9.26	2.15	NO	NO	0.2
10	PROX	1	9.72	8.67	8.11	NO	NO	0.1
11	FS	1	11.06	9.38				0.1
12	FS	3	9.83	7.91				0.1
c-12-1a	PROX	3	43.98	30.97	13.07	YES	NO	5.9
C-12-1B	PROX	2	23.7	14.3	10.58	YES	NO	0.6
C-12-1C	PROX	2	29.11	13.67	16.09	YES	NO	0.8
C-12-2A	PROX	3	53.6	19.96	6.62	YES	NO	6.1
C-12-2B	FS	3	10.45	8.07				0.2
C-12-3	PROX	3	59	50.2	18.59	YES	NO	13.6
C-12-4	PROX	2	81.34	31.63	21.25	YES	NO	25.8
C-12-5A	PROX	2	20.41	14.74	10.86	YES	NO	1
C-12-5B	FS	1	20.57	19.06				0.9
C-12-5C	FS	1	12.54	11.69				0.2
C-12-5D	FS	1	15.57	8.18				0.4
C-12-5E	FS	2	15.95	13.14				0.5
C-12-6A	PROX	3	60.62	43.54	40.37	YES	NO	27.9
C-12-6B	ANG	3	20.24	8.3				0.3
C-12-7A	PROX	3	41.93	36.53	15.22	YES	NO	20.1
C-12-7B	ANG	3	38.39	16.3				2.8
C-12-7C	FS	4	17.45	12.31				0.4
C-12-7D	FS	4	12.12	8.78				0.2
C-12-8	PROX	3	46.56	35.05	7.51	YES	NO	8.5
C-12-9	PROX	2	60.11	47.95	28.49	YES	NO	19.7
C-12-10	PROX	2	34.49	16.85	11.67	YES	NO	3.7
C-12-11A	PROX	2	48.25	39.66	14.61	YES	NO	15.5
C-12-11B	PROX	2	49.95	20.92	17.07	YES	NO	5.8
C-12-12A	PROX	2	38.09	26.99	26.9	YES	NO	8.6
C-12-12B	PROX	2	22.01	7.64	5.66	YES	NO	0.3
C-12-13A	PROX	2	76.98	41.57	14.77	YES	NO	42.7
C-12-13B	FS	2	15.29	11.16				0.1
C-12-14	PROX	2	19.61	10.99	6.89	YES	NO	0.5
C-12-15A	PROX	2	25.1	19.94	8.92	YES	NO	1.3

C-12-15B	PROX	2	12.76	7.64	4.25	YES	NO	0.3
C-12-16A	PROX	2	61.49	44.68	30.35	YES	NO	26.8
C-12-16B	ANG	2	27.39	16.88				2
C-12-17A	PROX	2	58.7	40.8	38.37	YES	NO	20.9
C-12-17B	FS	1	17.91	17.74				0.3
C-12-18A	PROX	2	53.23	22.06	14.39	YES	NO	5.3
C-12-18B	PROX	2	31.21	26.04	3.23	YES	NO	2.2
C-12-18C	FS	2	14.05	10.28				0.2
C-12-19								
C-12-20	PROX	2	35.49	26.26	20.36	YES	NO	4.8
C-12-21	PROX	2	47.04	31.74	9.63	YES	NO	7.6
C-12-22	PROX	2	18.62	14.94	5.01	YES	NO	0.4
C-12-23	PROX	1	23.24	15.46	2.56	NO	NO	0.7
C-12-24	PROX	2	47.33	35.69	10.81	YES	NO	7.4
C-12-25A	PROX	2	34.57	16.78	11.5	YES	NO	3.4
C-12-25B	FS	2	44.77	27.95				11.3
C-12-25C	FS	2	11.55	9.3				0.1
C-12-26	ANG	2	19.43	11.43				1.1
C-12-27A	PROX	2	62.54	50.57	30.53	YES	NO	37.3
C-12-27B	FS	1	14.82	8.39				0.2
C-12-28	PROX	2	31.05	17.65	16.52	YES	NO	2.4
C-12-29A	PROX	2	57.84	33.27	31	YES	NO	14.8
C-12-29B	PROX	2	27.6	19.35	26.73	YES	NO	3.6
C-12-30A	PROX	2	59.48	47.42	18.03	YES	NO	36.6
C-12-30B	ANG	2	19.27	13.97				0.8
C-12-31A	PROX	2	58.03	47.05	25.99	YES	NO	32.8
C-12-31B	PROX	2	19.18	8.04	4.44	YES	NO	0.3
C-12-31C	ANG	2	18.43	16.66				0.8
C-12-32	PROX	2	61.66	28.89	16.85	YES	NO	19.9
C-12-33A	PROX	2	40	32.25	24.23	YES	NO	6.9
C-12-33B	FS	2	19.42	9.64				0.3
C-12-34A	PROX	2	24.05	21.24	10.45	YES	NO	1.1
C-12-34B	PROX	2	29.22	14.98	11.16	YES	NO	2
C-12-34C	PROX	2	28.52	17.24	6.5	YES	NO	0.8
C-12-35	PROX	2	52.06	51.83	21.96	YES	NO	26.2
C-12-36	PROX	2	30.59	22.78	6.64	YES	NO	1.9
C-12-37	PROX	2	29.51	17.34	8.02	YES	NO	1.9
C-12-38	PROX	2	54.92	33.29	46.41	YES	NO	16.3
C-12-39A	PROX	2	45.91	29.59	3.13	YES	NO	5.2
C-12-39B	PROX	2	22.41	12.83	7.63	YES	NO	0.5
C-12-39C	FS	1	20.61	12.43				0.9

C-12-39D	ANG	3	16.96	9.22				0.4
C-12-40A	PROX	3	63.25	33.63	6.42	NO	YES	25.1
C-12-40B	PROX	3	13.65	7.16	1.64	NO	NO	0.2
C-12-40C	FS	2	17.52	9.76				0.4
C-12-40D	FS	1	13.67	12.36				0.3
C-12-41	PROX	2	74.56	28.95	4.86	NO	NO	17.7
C-12-42A	PROX	1	43.02	26.66	8.96	NO	NO	5.7
C-12-42B	PROX	1	42.3	22.45	7.77	NO	NO	1.8
C-12-42C	FS	1	25.3	12.5				0.8
C-12-43	PROX	2	65.58	52.98	13.27	YES	YES	42.4
C-12-44A	PROX	2	36.8	16.54	15.22	YES	NO	3.6
C-12-44B	ANG	2	10.36	8.96				0.3
C-12-45	PROX	2	23.73	16.44	5.99	NO	NO	1
C-12-46A	PROX	2	56.89	53.95	25.11	YES	YES	45.9
C-12-46B	ANG	2	23.82	14.25				1.3
C-12-46C	PROX	1	21.66	18.19	2.09	NO	NO	1.1
C-12-47A	PROX	2	61.25	42	17.75	YES	NO	22.7
C-12-47B	FS	2	31.66	10.22				0.8
C-12-48A	PROX	2	20.76	15.49	7.66	YES	NO	2
C-12-48B	FS	1	26.32	14.95				2.2
C-12-49A	PROX	2	61.27	40.32	21.55	YES	NO	48
C-12-49B	ANG	2	20.71	16.56				1.8
C-12-50	PROX	2	70.11	37.55	20.57	YES	NO	34.1
C-12-51	PROX	2	59.57	44.61	25.42	YES	YES	27.5
1	ANG	2	17.03	13.84				0.8
2	PROX	2	14.4	9.39	5.03	YES	NO	0.1
3	PROX	2	14.5	10.91	9.13	YES	NO	0.3
4	PROX	2	14.1	12.58	9.23	YES	YES	0.2
5	FS	1	10.47	7.21				0.1
6	FS	4	15.78	14.13				0.3
7	PROX	2	16.14	10.72	3.7	YES	NO	0.5
8	PROX	1	13.99	8.17	11	NO	NO	0.3
9	FS	2	17.38	15.99				0.3
10	PROX	2	12.86	9.91	10.27	YES	NO	0.2
11	PROX	2	14.13	10.72	2.86	NO	NO	0.2
12	ANG	2	10.13	9.24				0.1
13	ANG	2	14.49	10.4				0.4
14	PROX	2	14.15	13.98	7.65	YES	NO	0.2
15	PROX	2	12.4	8.96	3.72	YES	NO	0.2
16	PROX	2	14.33	8.99	13.19	YES	NO	0.1
17	PROX	1	12.52	7.86	5.01	NO	NO	0.1

18	PROX	2	11.84	7.22	8.83	YES	NO	0.1
19	ANG	2	10.28	9.47				0.2
20	PROX	2	12.91	8.36	10.44	YES	NO	0.2
21	FS	2	12.83	7.53				0.1
22	FS	1	10.31	10.13				0.1
23	PROX	2	9.92	8.72	3.6	YES	NO	0.1
24	PROX	2	12.19	8.13	5.38	YES	NO	0.1
25	PROX	2	11.92	8.13	5.67	YES	NO	0.1
26	PROX	2	12.65	7.61	4.17	YES	NO	0.2
27	FS	1	10.27	8.22				0.1
C-13-1A	PROX	2	77.5	21.65	19.74	NO	NO	19.9
C-13-1B	PROX	2	34.34	13.41	13.73	NO	NO	2.9
C-13-1C	PROX	1	11.37	10.58	3.7	NO	NO	0.2
C-13-1D	FS	1	13.17	11.15				0.1
C-13-2A	PROX	1	29.57	13.77	4.05	NO	NO	1
C-13-2B	PROX	1	12.43	8.49	2.58	NO	NO	0.1
C-13-3A	PROX	3	65.17	37.34	18.91	YES	NO	22
C-13-3B	PROX	2	17.35	10.73	7.92	YES	NO	0.3
C-13-4	PROX	2	16.88	10.42	4.44	YES	NO	0.7
C-13-5A	PROX	2	40.44	39.03	4.54	NO	NO	6.7
C-13-5B	PROX	2	34	15.99	11.45	NO	NO	0.8
C-13-5C	FS	1	11.32	7.45				0.1
C-13-6A	PROX	3	74.42	38.74	14.19B	NO	NO	31.5
C-13-6B	PROX	2	26.71	15.27	8.83	NO	NO	1.4
C-13-7A	PROX	2	85.84	53.99	45.561	NO	YES	65.8
C-13-7B	FS	1	23.96	11.63				0.6
C-13-7C	FS	1	18.41	14.99				0.4
C-13-8A	PROX	2	35.63	29.05	3.84	NO	NO	4.8
C-13-8B	ANG	2	32.31	9.66				0.5
C-13-8C	ANG	1	15.99	8.65				0.6
C-13-9	PROX	2	88.52	77.02	31.59	NO	YES	45.5
C-13-10A	PROX	2	47.05	27.88	23.36	NO	NO	11.2
C-13-10B	PROX	2	17.06	12.98	16.47	NO	NO	0.6
C-13-10C	PROX	1	16.53	9.76	10.46	NO	NO	0.2
C-13-10D	PROX	1	8.59	7.53	3.21	NO	NO	0.1
C-13-11A	PROX	2	49.28	38.79	28.82	NO	NO	11.6
C-13-11B	ANG	1	18.06	10.12				0.6
C-13-11C	ANG	1	22.42	8.02				0.5
C-13-12A	PROX	2	44.06	31.53	27.25	YES	NO	5.4
C-13-12B	PROX	1	18.3	7.62	1.86	NO	NO	0.3
C-13-13A	PROX	2	66.25	40.88	30.15	NO	NO	41.8

C-13-13B	ANG	2	15.04	10.83				0.6
C-13-14A	PROX	3	29.77	22.59	12.18	NO	NO	5.8
C-13-14B	FS	3	28.6	20.11				2.1
C-13-15	PROX	2	50.62	41.84	9.3	NO	YES	11.8
C-13-16A	PROX	2	62.35	27.54	14.17	NO	NO	16.1
C-13-16B	PROX	1	26.8	12.45				0.6
C-13-17	PROX	2	65.9	41.31	6.64	NO	YES	17.2
C-13-18A	PROX	2	56.4	46.2	9.58	NO	YES	14
C-13-18B	PROX	2	56.5	35.54	11.85	NO	NO	16.5
C-13-18C	PROX	2	24.44	15.57	3.2	NO	NO	0.6
C-13-19	PROX	2	98.69	35.04	6.78	NO	NO	32.5
C-13-20	PROX	1	44.08	19.4	4.72	NO	NO	3.5
C-13-21A	PROX	1	58.26	50.53	26.51	NO	NO	37.7
C-13-21B	FS	1	27.67	15.77				0.8
C-13-22	PROX	2	84	45.17	24.39	NO	NO	36.2
C-13-23	PROX	1	25.69	15.8	11.65	NO	NO	0.9
C-13-24A	PROX	1	24.44	16.56	10.64	NO	NO	2.5
C-13-24B	FS	2	58.23	37.35				17.2
C-13-25A	PROX	2	62.34	43.12	23.57	NO	NO	24.1
C-13-25B	FS	2	32.59	26.1				3.7
C-13-25C	FS	1	16.15	7.59				0.2
C-13-26A	PROX	1	53.28	48.72	8.19	NO	YES	30.7
C-13-26B	PROX	1	48.66	25.13	18.42	NO	NO	14.1
C-13-26C	FS	2	50.36	36.25				15.7
C-13-26D	ANG	1	34.03	20				3.7
C-13-26E	ANG	1	23.42	9.63				0.9
C-13-26F	FS	1	21.24	16.82				0.5
C-13-26G	FS	1	15.95	13.9				0.2
C-13-26H	FS	1	13.75	11.68				0.1
C-13-27A	PROX	3	24.2	18.48	6.29	NO	NO	0.8
C-13-27B	PROX	2	21.88	15.28	19.65	YES	NO	0.8
C-13-28A	PROX	1	59.99	45.43	23.9	NO	NO	31.3
C-13-28B	ANG	1	21.43	12.31				1.6
C-13-29	PROX	3	44.15	29.66	14.08	YES	NO	6.1
C-13-30	PROX	2	25.8	20.05	15.38	YES	NO	2.9
C-13-31	PROX	3	53.92	46.29	2.31	YES	NO	27
C-13-32A	PROX	2	37.27	22.98	9.12	YES	NO	4.4
C-13-32B	ANG	2	25.53	12.81				1
C-13-32C	FS	1	29.47	18.6				0.7
C-13-32D	FS	1	22.56	9.97				0.2
C-13-32E	PROX	2	15.34	13.35	5.54	YES	NO	0.3

C-13-33A	PROX	2	90.34	58.2	26.68	NO	NO	102.4
C-13-33B	PROX	2	24.25	13.73	5.53	NO	NO	0.5
C-13-34	PROX	1	42.63	30	30.68	NO	NO	8.8
C-13-35	PROX	1	26.44	15.93	16.38	NO	NO	0.5
C-13-36	PROX	2	64.27	35.74	12.35	NO	YES	10.2
C-13-37A	PROX	1	36.33	24.73	12.7	NO	YES	5.2
C-13-37B	FS	1	20.39	10.34				0.3
C-13-37C	FS	1	12.79	12.24				0.2
C-13-38A	PROX	2	77.95	67.51	25.62	NO	NO	59.3
C-13-38B	PROX	1	30.95	15.82	11.13	NO	NO	2.6
C-13-38C	FS	2	23.82	15.79				0.7
C-13-38D	FS	11	16.78	15.8				0.3
C-13-38E	ANG	1	20.94	8.98				0.4
C-13-39A	PROX	2	27.83	20.37	22.04	YES	NO	2.5
C-13-39B	ANG	2	11.25	8.51				0.5
C-13-40	PROX	1	37.55	30.02	23.99	NO	NO	6.7
C-13-41A	PROX	2	86.24	75.05	33.43	NO	NO	87.6
C-13-41B	PROX	1	37.34	25.54	15.6	NO	NO	9.9
C-13-41C	FS	1	26.63	22.86				1.7
C-13-41D	ANG	2	16.19	10.63				0.6
1	ANG	1	21.98	9.15				0.9
2	PROX	2	15.1	12.47	2.36	NO	NO	0.3
3	FS	1	18.14	8.31				0.2
4	PROX	1	21.49	7.37	6.71	NO	NO	0.2
5	PROX	2	22.25	10.69	14.51	YES	NO	0.2
6	PROX	1	19.08	10.78	4.19	NO	NO	0.3
7	PROX	1	18.33	9.73	7.54			0.2
8	FS	1	14	8.33				0.1
9	PROX	1	12.6	8.03	6.99	NO	NO	0.1
10	FS	1	14.86	9.44				0.1
11	FS	1	13.23	9.11				0.1
12	PROX	1	17.72	11.64	8.38	NO	NO	0.2
13	PROX	3	13.04	9.33	8.76	YES	NO	0.3
14	PROX	2	14.85	9.6	5.39	YES	NO	0.4
15	PROX	2	17.86	7.98	3.61	NO	NO	0.2
16	PROX	1	11.95	7.47	5.16	NO	NO	0.1
17	PROX	1	13.04	8.7	1.58	NO	NO	0.2
18	PROX	1	11.34	9.47	7.12	NO	NO	0.1
19	PROX	1	11.38	8.51	3.15	NO	NO	0.2
20	PROX	1	13.39	7.23	1.82	NO	NO	0.1
21	PROX	2	11.1	7.43	7.1	YES	NO	0.1

22	FS	1	10.24	9.14		NO	NO	0.1
23	PROX	1	8.73	8.98	3.58	NO	NO	0.1
24	FS	1	10.58	7.15				0.1
25	PROX	1	10.82	9.52	6.05	NO	NO	0.1
26	PROX	1	11.96	7.51	2.53	NO	NO	0.1
27	PROX	2	8.26	7.26	5.09	YES	NO	0.1
28	FS	2	10.87	7.1				0.2
C-14-1	PROX	2	48.39	16.02	7.75	NO	NO	4.9
C14-2A	PROX		40.22	24.89	17.58	YES	NO	6
C-14-2B	FS	2	42.75	18.93				2.6
C-14-2C	PROX	2	16.24	11.62	12.22	YES	NO	0.7
C-14	PROX	2	89.71	28.68	15.33	YES	NO	30
C-14-4	PROX	2	75.34	30.95	19.68	YES	NO	20
C-14-5A	PROX	2	63.83	23.03	16.91	YES	NO	14.8
C-14-5B	PROX	2	22.06	17.5	4.92	YES	NO	0.9
C-14-5C	PROX	1	21.16	16.64	5.64	NO	NO	1.1
C-14-5D	FS	1	11.02	5.82				0.3
C-14-6A	PROX	3	51.53	37.51	16.95	YES	NO	8.5
C-14-6B	FS	3	40.82	35.41				6.5
C-14-6C	FS	3	14.38	10.64				0.4
C-14-7A	PROX	2	74.93	18.01	12.65	YES	NO	7.2
C-14-7B	PROX	2	15.99	11.22	3.01	YES	NO	0.3
C-14-8	PROX	2	70.73	34.54	34.55	YES	NO	38.3
C-14-9	PROX	2	59.67	22.16	18.35	YES	NO	10.1
C-14-10	PROX	2	42.55	25.58	22.74	YES	NO	5.2
C-14-11A	PROX	2	36.95	19.59	9.06	YES	NO	3.2
C-14-11B	ANG	2	51.3	14.46				4.7
C-14-12A	PROX	2	60.65	49.86	27.27	YES	YES	35.7
C-14-12B	PROX	2	26.41	22.98	21.31	YES	YES	4.8
C-14-13A	PROX	2	41.09	17.63	3.85	NO	NO	7.1
C-14-13B	FS	3	40.91	17.47				4.9
C-14-13C	FS	1	21.28	14.3				1.3
C-14-13D	FS	3	15.37	7.22				0.2
C-14-14	PROX	2	78.41	56	35.88	NO	NO	48.9
C-14-15	PROX	2	39.96	36.67	21.18	NO	NO	4.9
C-14-16A	PROX	1	20.2	13.71	3.11	NO	NO	1.1
C-14-16B	FS	1	35.35	19.19				1.3
C-14-16C	FS	1	21.62	14.3				0.6
C-14-16D	FS	1	14.87	13.45				0.2
C-14-17A	PROX	1	45.24	30	19.23	NO	YES	11.7
C-14-17B	FS	1	13.97	6.59				0.1

C-14-17C	ANG	2	18.69	6.76				0.5
C-14-18A	PROX	2	59.43	42.87	49.35	YES	NO	25.1
C-14-18B	FS	1	11.31	7.57				0.1
C-14-19	PROX	2	72.32	24.77	16.18	NO	NO	29.8
C-14-20A	PROX	1	17.29	11.12	11.08	NO	NO	0.5
C-14-20B	PROX	2	27.38	12.93	7.12	NO	NO	1.1
C-14-21A	PROX	2	81.71	29.08	16.96	NO	YES	27.5
C-14-21B	FS	1	16.04	12.3				0.3
C-14-22	PROX	2	78.97	24.47	16.26	NO	YES	17.4
C-14-23	PROX	2	77.98	19.48	15.55	NO	YES	9.4
C-14-24	PROX	2	83.5	31.05	23.86	NO	NO	39.9
C-14-25	PROX	1	25.89	9.49	1.36	NO	NO	0.6
C-14-26A	PROX	2	39.21	23.52	17.78	YES	NO	7.9
C-14-26B	PROX	2	21.48	12.37	10.68	YES	NO	0.5
C-14-27A	PROX	2	74.36	27.87	13.14	YES	NO	30.7
C-14-27B	PROX	2	40.08	13.29	9.98	YES	NO	1.2
C-14-27C	FS	1	9.12	6.48				0.2
C-14-28	PROX	2	64.53	16.43	3.44	NO	NO	5.2
C-14-29A	PROX	2	78.22	43.52	16.07	YES	NO	69.5
C-14-29B	FS	1	17	10.92				0.3
C-14-29C	PROX	1	15.42	8.15	2.89	NO	NO	0.3
C-14-29D	FS	2	15.58	7.98				0.3
1	PROX	2	25.33	17.03	14.92	NO	NO	1.5
2	PROX	1	18.56	11.66	2.62	NO	NO	0.5
3	FS	1	19.73	11.84				0.1
4	FS	1	12.32	10.79				0.1
5	FS	2	20.17	12.18				0.4
6	PROX	1	11.72	8.1	3.42	NO	NO	0.3
7	PROX	1	12.85	7.86	6.66	NO	NO	0.2
8	FS	2	12.24	9.66				0.1
9	FS	1	11.98	9.87				0.1
10	FS	2	16.41	8.39				0.2
11	PROX	1	13.53	7.73	2.71	NO	NO	0.1
12	PROX	1	8.99	7.47	3.82	NO	NO	0.1
13	PROX	2	11.46	8.4	9.12	YES	NO	0.2
C-15-1	PROX	2	58.96	34.3	6.89	YES	NO	11.7
C-15-2A	PROX	2	49.75	48.96	40.29	YES	NO	32.3
C-15-2B	PROX	2	37.28	24.02	18.26	YES	NO	7.4
C-15-2C	PROX	2	20.04	15.29	10.26	YES	NO	0.8
C-15-3A	PROX	2	40.01	23.53	8.02	YES	NO	4
C-15-3B	PROX	2	32.58	19.55	6.41	YES	NO	1.2

C-15-3C	FS	1	47.63	27.39				4.7
C-15-3D	PROX	2	17.84	12.51	5.96	YES	NO	0.3
C-15-3E	FS	2	12.18	7.58				0.1
C-15-4A	PROX	2	19.28	13.04	7.43	NO	NO	0.3
C-15-4B	PROX	2	21.15	11.9	1.82	NO	NO	0.9
C-15-5	PROX	3	79.35	40.06	9.8	YES	NO	46.3
C-15-6A	PROX	2	38.59	36.28	27.98	YES	NO	16.9
C-15-6B	PROX	2	26.79	11.18	6.2	NO	NO	1.1
C-15-6C	PROX	3	11.86	7.63	2.89	NO	NO	0.2
C-15-7A	PROX	3	44.85	23.51	14.12	YES	NO	8.7
C-15-7B	PROX	3	35	19.93	16.61	YES	NO	4.1
C-15-7C	PROX	2	22.84	15.51	9.44	YES	NO	1.2
C-15-8A	PROX	2	51.88	25.36	11.55	YES	NO	11.7
C-15-8B	PROX	2	44.29	20.53	14.54	YES	NO	4.8
C-15-8C	PROX	2	39.33	11.46	5.23	YES	NO	3.9
C-15-9	PROX	2	39.87	39.7	28.88	YES	NO	12
C-15-10	PROX	2	62.07	38.33	12.92	YES	NO	24.9
C-15-11	PROX	2	59.32	44.68	18.62	HY	NO	17.8
C-15-12	PROX	2	58.3	41.8	14.21	YES	YES	17.7
C-15-13	PROX	1	25.95	9.96	3	NO	NO	0.4
c-15-14	PROX	2	57.18	29.08	11.14	YES	NO	9.3
C-15-15	PROX	2	47.54	18.83	8.04	YES	NO	4.6
c-15-16	PROX	2	31.04	20.78	7.25	YES	NO	1.7
C-15-17	PROX	3	67.22	53.17	8.96	YES	NO	21.4
C-15-18	ANG	2	22.42	10.66				1.2
C-15-19	PROX	2	58.86	44.98	16.17	YES	NO	55.7
C-15-20A	PROX	2	28.86	22.23	28.1	YES	NO	2.2
C-15-20B	FS	1	14.73	7.82				0.1
C-15-21A	PROX	2	25.81	14.05	5.92	YES	NO	1.3
C-15-21B	FS	1	27.82	14.73				2.1
C-15-21C	FS	2	26.5	12.07				0.7
C-15-21D	PROX	2	30.12	10.5	6.9	YES	NO	1.1
C-15-21E	PROX	2	28.38	12.74	4.9	YES	NO	0.7
C-15-22	PROX	2	59.95	38.96	25.05	YES	NO	38.3
C-15-23	PROX	2	64.38	41.77	21.07	YES	NO	21.9
C-15-24A	PROX	2	61.13	43.42	16.02	YES	NO	29.2
C-15-24B	FS	2	18.49	7.94				0.4
C-15-25	PROX	2	46.87	27.34	27.12	YES	NO	13.8
C-15-26A	PROX	2	17.62	9.76	4.76	YES	NO	0.3
C-15-26B	FS	1	22.48	5.93				0.2
C-15-27A	PROX	2	52.23	27.27	18.18	YES	NO	11.4

C-15-27B	PROX	2	20.7	14.09	5.55	YES	NO	0.6
C-15-27C	PROX	2	21.22	19.08	8.64	YES	NO	0.7
C-15-28A	PROX	2	49.26	18.18	9.72	YES	NO	2.8
C-15-28B	PROX	2	22.79	13.87	18.5	NO	NO	1.7
C-15-28C	PROX	2	12.44	6.75	3.28	YES	NO	0.1
C-15-28D	FS	1	11.66	10.89				0.2
C-15-29A	PROX	2	60.96	34.33	21.13	YES	NO	14.7
C-15-29B	FS	2	14.59	6.01				0.1
C-15-29C	FS	2	9.87	7.94				0.1
C-15-30A	PROX	2	52.71	27.49	8.46	YES	NO	6.9
C-15-30B	FS	2	34.26	19.28				3.1
C-15-31A	PROX	2	90.32	64.14	11.31	YES	NO	84.7
C-15-31B	ANG	2	22.76	12.47				2.2
C-15-32A	PROX	2	27.57	14.54	4.66	NO	YES	1.2
C-15-32B	FS	2	31.18	24.75				3.3
C-15-32C	FS	2	28.24	11.46				1.8
C-15-32D	FS	1	22.55	12.17				0.7
C-15-32E	FS	1	17.87	9.22				0.5
c-15-33a	PROX	2	59.45	28.66	18.5	YES	NO	8.9
C-15-33B	PROX	2	15.88	12.35	4.5	YES	NO	0.1
C-15-34	PROX	2	32.51	10.44	4.57	YES	NO	1.1
C-15-35A	PROX	2	59.05	23.45	11.13	YES	NO	11.7
C-15-35B	FS	1	11.92	7.51				0.2
C-15-36	FS	2	32.19	13.88				0.9
C-15-37A	PROX	2	36.95	21.16	10.91	YES	NO	3.5
c-15-37b	PROX	2	34.81	18.67	16.58	YES	YES	2
C-15-37C	PROX	2	27.19	10.93	4.21	NO	YES	0.7
C-15-37D	FS	2	28.25	9.3				0.5
C-15-37E	PROX	1	16.5	7.98	4.04	NO	NO	0.4
C-15-38	PROX	2	43.47	30.86	18.71	YES	NO	4.5
C-15-39A	PROX	2	16.32	11.5	8.9	YES	NO	0.2
C-15-39B	PROX	2	19.69	8.96	7.21	YES	NO	0.2
C-15-39C	PROX	2	11.96	8.36	2.98	YES	NO	0.1
C-15-40	PROX	2	51.66	26.03	13.86	YES	NO	9.9
C-15-41	PROX	2	30.02	27.46	6.09	YES	YES	4.3
C-15-42A	PROX	2	22.22	14.08	16.24	YES	NO	1.1
C-15-42B	PROX	2	29.77	29.63	18.94	YES	NO	4.2
C-15-42C	PROX	2	24	15.42	9.33	YES	NO	0.7
C-15-43A	PROX	2	57.24	45.02	6.46	YES	NO	12.1
C-15-43B	PROX	2	41.54	25.66	8.05	YES	NO	2.7
C-15-43C	PROX	2	38.22	16.52	11.96	YES	NO	1.9

C-15-44A	PROX	2	66.96	50.55	35.29	YES	NO	63.4
C-15-44B	PROX	1	21.04	15.29	5.39	NO	NO	0.5
C-15-45	PROX	2	35.67	23.04	16.91	YES	NO	5.1
C-15-46A	PROX	2	48.5	30.03	16.59	YES	NO	10.9
C-15-46B	PROX	2	47.66	33.85	19.2	NO	NO	12.5
C-15-47A	PROX	2	16.83	8.05	3.95	YES	NO	0.2
C-15-47B	PROX	2	29.35	13.96	7.52	NO	NO	0.9
C-15-48A	PROX	2	48.78	47.01	9.96	YES	NO	19.2
C-15-48B	PROX	2	18.75	16.47	16.26	NO	NO	0.9
C-15-48C	PROX	2	17.03	11.68	5.84	YES	NO	0.4
C-15-48D	FS	1	17.08	7.84				0.1
C-15-49A	PROX	2	55.25	49.05	9.5	YES	NO	27.5
C-15-49B	PROX	2	32.78	22.61	11.9	YES	NO	2.5
C-15-50	PROX	2	45.84	28.89	17.05	YES	NO	8
C-15-51	PROX	2	65.5	39.86	12.51	YES	NO	32.9
C-15-52A	PROX	2	48.31	25.05	10.11	YES	NO	7.6
C-15-52B	FS	2	11.33	7.69				0.1
C-15-53	PROX	2	53.23	41.42	23.07	YES	YES	23
C-15-54A	PROX	2	22.71	20.59	14.25	YES	NO	0.7
C-15-54B	FS	2	43.21	14.89				2.7
C-15-55	PROX	2	48.42	34.72	26.38	YES	NO	11.6
C-15-56	PROX	2	57.68	35.47	29.2	YES	YES	16.7
C-15-57	PROX	2	55.24	29.08	8.82	YES	NO	6.8
C-15-58	PROX	2	51.4	40.45	14.74	YES	NO	23.9
C-15-59A	PROX	2	61.43	33.81	28.49	YES	YES	24.4
C-15-59B	FS	2	16.26	5.73				0.1
C-15-59C	PROX	2	17.7	6.85	4.38	YES	NO	0.2
1	PROX	2	17.96	7.47	13.3	YES	NO	0.4
2	PROX	2	17.5	12.38	5.08	YES	NO	0.5
3	FS	2	21.87	10.28				0.4
4	PROX	2	21.21	7.89	7.6	YES	NO	0.4
5	FS	2	10.02	6.87				0.1
6	PROX	2	16.78	14.06	9.79	YES	NO	0.3
7	FS	2	12.45	10.46				0.3
8	FS	3	16.35	9.58				0.5
9	PROX	2	12.87	8.27	7.41	YES	NO	0.1
10	PROX	2	16.53	11.05	1.1	YES	NO	0.1
11	PROX	3	12.61	10.67	8.33	YES	NO	0.3
12	PROX	2	15.21	7.87	8.56	YES	YES	0.2
13	PROX	2	17.17	11.46	4.6	YES	NO	0.2
14	PROX	2	15.84	11.95	11.82	YES	NO	0.6

15	PROX	2	12.19	9.13	8.27	YES	NO	0.1
16	PROX	2	11.11	10.84	6.5	YES	NO	0.1
17	PROX	3	12.14	8.73	7.46	NO	NO	0.3
18	PROX	2	13.17	10.25	6.85	YES	NO	0.1
19	FS	1	11.73	10.83				0.1
20	PROX	2	12.02	9.89	5.16	YES	NO	0.1
C-16-1A	PROX	2	27.44	15.98	15.13	NO	NO	0.6
C-16-1B	PROX	2	15.52	11.34	12.09	NO	NO	0.2
C-16-2A	PROX	2	26.88	23.1	15.25	YES	NO	2
C-16-2B	PROX	2	17.44	9.16	4	YES	NO	0.2
C-16-3A	PROX	2	23.44	22.29	8.9	YES	NO	0.8
C-16-3B	PROX	2	15.3	12.5	3.67	YES	NO	0.4
C-16-4	PROX	3	19.05	13.69	3.18	NO	NO	0.8
C-16-5	PROX	3	69.16	53.8	5.19	NO	NO	39.1
C-16-6A	PROX	2	40.12	12.79	2.46	NO	NO	3.5
C-16-6B	PROX	2	26.98	15.29	12.57	YES	NO	0.7
C-16-7A	PROX	3	38.49	33.74	11.4	NO	NO	4.2
C-16-7B	FS	4	25.08	11.35				0.4
C-16-8	PROX	2	27.83	24.85	27.65	YES	NO	2.5
C-16-9	PROX	2	52.23	18.93	6.62	NO	NO	6.7
C-16-10A	PROX	2	76.52	26.25	3.58	NO	NO	22.1
C-16-10B	PROX	2	35.87	14.46	4.08	NO	NO	1.6
C-16-11	FS	2	47.36	18.37				2.8
C-16-12A	PROX	3	58.1	30.64	17.76	NO	NO	4.1
C-16-12B	FS	2	20.64	17.93				0.6
C-16-13A	PROX	2	59.15	25.13	12.58	NO	YES	16.5
C-16-13B	FS	1	10.83	10.14				0.1
C-16-13C	PROX	3	14.29	7.82	7.93	YES	NO	0.2
C-16-14A	PROX	1	20.77	15.27	6.6	NO	YES	1.2
C-16-14B	FS	2	37.93	22.9				2.3
C-16-14C	FS	2	26.69	22.44				1.7
C-16-14D	PROX	1	13.98	7.48	4.78	NO	NO	0.2
C-16-15A	PROX	2	79.67	35.38	17.81	NO	NO	30.2
C-16-15B	PROX	1	28.96	15.49	2.7	NO	NO	1.4
C-16-16	PROX	1	37.61	23.97	18.13	NO	NO	2.3
C-16-17	PROX	3	56.74	32.29	34.99	NO	NO	12.3
C-16-18A	PROX	3	14.69	8.81	7.11	NO	NO	0.2
C-16-18B	PROX	2	29.05	14.67	7.68	NO	NO	1.7
C-16-19	PROX	1	19.9	12.74	2.81	NO	NO	0.4
C-16-20A	PROX	2	42.2	30.36	22.83	NO	NO	8
C-16-20B	PROX	2	25.66	14.7	7.33	NO	NO	1.3

C-16-21	FS	1	20.49	15.07				0.4
C-16-22	PROX	1	21.46	11.28	7.24	NO	NO	1
C-16-23A	PROX	2	23.93	12.75	4.5	NO	NO	1.3
C-16-23B	PROX	2	39.97	11.08	3.9	NO	NO	1.1
C-16-24A	PROX	1	42.28	19.69	7.72	NO	NO	2.8
C-16-24B	PROX	2	21.84	11.16	3.15	NO	NO	0.4
C-16-24C	PROX	1	19.13	12.32	6	NO	NO	0.7
C-16-24D	FS	1	12.66	6.34				0.1
C-16-25	PROX	2	41.12	13.95	6.92	NO	NO	2.6
C-16-26A	PROX	1	22.39	14.07	6.69	NO	NO	0.6
C-16-26B	FS	1	16.09	9				0.3
C-16-27	PROX	1	31.43	13.25	8.59	NO	NO	0.9
C-16-28	PROX	1	25.25	16.09	20.43	NO	YES	1.1
C-16-29	PROX	1	61.34	35.63	30.16	NO	NO	23.4
C-16-30A	FS	2	52.3	45.69				12.8
C-16-30B	FS	3	28.46	11.84				0.9
C-16-30C	FS	1	15.61	13.26				0.2
C-16-31A	PROX	2	21.8	13.91	12.36	NO	YES	0.9
C-16-31B	FS	2	21.96	17.45				1
C-16-31C	PROX	1	20.42	10.08				0.6
C-16-31D	FS	1	13.46	13.22				0.2
C-16-31E	FS	1	11.04	10.6				0.1
C-16-32	PROX	1	57.84	20.83	17.78	NO	NO	6.3
C-16-33A	PROX	2	70.85	34.64	13.03	NO	NO	12.9
C-16-33B	PROX	1	34.06	31.01	4.26	NO	YES	2.9
C-16-33C	FS	1	23.54	13.17				0.7
C-16-34A	PROX	1	30.71	22.21	7.26	NO	NO	1
C-16-34B	FS	1	34.94	10.43				0.8
C-16-35	PROX	2	79.24	30.34	20.56	NO	YES	18.7
C-16-36A	PROX	1	46.33	14.34	10.08	NO	NO	2
C-16-36B	FS	1	24.96	12.31				0.4
C-16-36C	FS	3	15.46	6.61				0.1
C-16-37	PROX	1	65.15	43.69	29.36	NO	YES	15.9
C-16-38	PROX	1	46.97	31.75	22.67	NO	YES	14.4
C-16-39A	PROX	2	48.36	26.71	13.31	NO	NO	8.8
C-16-39B	FS	1	21.96	9.83				0.4
C-16-39C	FS	1	11.58	6.01				0.1
C-16-40	PROX	2	46.75	32.51	24.77	NO	YES	15.3
C-16-41	PROX	2	25.57	8.15	4.9	NO	NO	0.5
C-16-42	PROX	1	23.3	18.67	8.98	NO	NO	1
C-16-43	PROX	1	14.9	11.65	5.5	NO	NO	0.3

C-16-44	PROX	2	22.83	18.39	13.73	NO	NO	2
C-16-45	PROX	2	50.83	40.88	34.46	YES	NO	22.2
C-16-46	FS	2	10.99	9.87				0.2
1	PROX	2	33.27	13.06	6.7	NO	NO	1
2	PROX	1	23.02	18.96	10.87	NO	NO	0.8
3	FS	2	27.21	10.01				0.6
4	PROX	2	16.8	15.72	5.09	NO	NO	0.4
5	FS	1	17.73	10.2				0.2
6	PROX	1	18.31	14.73	2.82	NO	YES	0.6
7	PROX	1	16.8	13.61	3.63	NO	NO	0.2
8	PROX	2	16.55	9.1	7.98	YES	NO	0.4
9	FS	22	19.17	9.49				0.2
10	ANG	2	17.16	14.15				0.5
11	FS	2	15	9.51				0.2
12	PROX	1	12.8	10.32	4.43	NO	NO	0.1
13	PROX	2	14.85	10.18	9.04	NO	NO	0.2
14	FS	1	14.72	8.71				0.1
15	PROX	1	13.02	7.34	3.16	NO	NO	0.1
16	PROX	1	20.16	12.58	3.85	NO	NO	0.2
17	PROX	1	15.35	9.81	8.15	NO	NO	0.2
18	PROX	3	12.8	12.22	3.43	NO	NO	0.1
19	PROX	1	19.73	8.93	1.45	NO	NO	0.2
20	ANG	3	12.27	9.19				0.2
21	FS	3	13.47	9.97				0.1
22	PROX	2	13.73	7.51	1.59	YES	NO	0.1
23	FS	1	13.23	10.5				0.1
24	FS	3	14.14	7.55				0.1
25	FS	2	12.68	9.99				0.1
26	FS	1	16.5	8.05				0.1
27	PROX	2	12.36	7.73	4.26	NO	NO	0.1
28	PROX	2	11.79	10.86	6.35	NO	NO	0.1
29	PROX	2	13.69	8.76	10.22	NO	NO	0.1
30	PROX	1	10.3	9.26	2.79	NO	NO	0.1
31	FS	2	10.75	9.98				0.1
32	PROX	1	11.64	11.45	7.31	NO	NO	0.1
33	PROX	1	10.2	10.35	6.32	NO	NO	0.1
34	FS	1	13.48	8.64				0.1
35	FS	1	12.59	8.39				0.1
36	PROX	2	9.68	9.61	6.79	NO	NO	0.1
37	FS	1	12.45	7.08				0.1
38	FS	1	7.96	7.84				0.1

39	FS	2	9.28	8.95				0.1
C-17-1A	PROX	1	30.25	14.62	12.42	YES	NO	1.9
C-17-1B	FS	2	37.3	17.89				4
C-17-1C	PROX	2	16.02	12.17	7.94	YES	NO	0.3
C-17-2A	PROX	2	30.33	23.8	11.48	YES	NO	4.7
C-17-2B	FS	2	40.13	20.57				8.2
C-17-3A	PROX	2	15.92	9.11	10.82	YES	NO	0.6
C-17-3B	FS	2	17.25	11.39				0.4
C-17-3C	PROX	3	17.47	8.58	4.5	YES	NO	0.5
C-17-4A	PROX	1	25.58	11.94	3.08	NO	NO	1.2
C-17-4B	FS	3	21.9	12.26				0.4
C-17-5A	PROX	2	69.63	51.94	10.58	YES	NO	44.7
C-17-5B	PROX	2	14.42	7.79	3.94	YES	NO	0.2
C-17-6	PROX	2	73.02	26.06	19.28	NO	NO	23.5
C-17-7A	PROX	2	12.42	10.47	5.9	NO	NO	0.3
C-17-7B	FS	1	12.17	10.33				0.2
C-17-7C	FS	3	20.85	9.38				0.7
C-17-8A	PROX	1	20.02	11.97	2.28	NO	NO	0.6
C-17-8B	PROX	1	15.43	8.18	11.41	NO	NO	0.3
C-17-8C	PROX	1	13.91	10.26	8.74	NO	NO	0.4
C-17-9	PROX	1	23.33	12.65	6.69	NO	NO	1.3
C-17-10A	PROX	3	71.62	51.97	23.91	YES	YES	47.4
C-17-10B	FS	2	42.19	39.95				10.1
C-17-11	PROX	3	24.68	23.77	4.88	YES	YES	2.8
C-17-12	PROX	2	65.16	38.71	19.41	YES	NO	24.2
C-17-13A	PROX	2	46.89	47.5	10.62	YES	NO	18.8
C-17-13B	PROX	2	21.11	10.78	4.52	NO	YES	0.5
C-17-14A	PROX	2	35.24	28.31	21.55	NO	NO	7.3
C-17-14B	PROX	2	27.64	7.78	3.07	YES	NO	0.6
C-17-14C	FS	2	20.8	17.35				1.1
C-17-14D	PROX	2	21.84	9.56	2.67	NO	NO	0.3
C-17-14E	FS	3	15.61	11.04				0.4
C-17-15	PROX	3	44.09	35.91	7.59	NO	NO	8.1
C-17-16A	PROX	2	39.66	20.97	3.81	NO	NO	5
C-17-16B	FS	2	42.47	22.61				6.4
C-17-16C	FS	2	26.41	16.03				0.8
C-17-17A	PROX	2	64.51	59.84	34.55	NO	YES	44.8
C-17-17B	FS	2	61.55	30.1				26
C-17-17C	FS	2	58.05	26.66				24.7
C-17-18A	PROX	1	33.15	29.77	10.52	NO	YES	3.1
C-17-18B	FS	1	18.36	11.96				0.6

C-17-19A	PROX	2	56.08	31.56	18.08	NO	YES	15.4
C-17-19B	PROX	1	44.17	15.82	9.4	NO	NO	6.9
C-17-19C	PROX	1	27.54	8.68	4.02	NO	NO	0.5
C-17-20A	PROX	1	49.46	17.21	16.4	NO	NO	5.6
C-17-20B	FS	2	20.59	13.05				0.7
C-17-20C	FS	2	15.63	4.08				0.3
C-17-21A	FS	1	30.96	9.74				1.6
C-17-21B	ANG	1	13.03	8.4				0.4
C-17-21C	FS	1	12.9	9.02				0.2
C-17-22A	PROX	1	20.83	15.39	5.88	NO	YES	0.7
C-17-22B	PROX	1	21.58	11.53	5.06	NO	NO	0.9
C-17-22C	PROX	1	22.1	6.95	3.23	NO	NO	0.3
C-17-22D	FS	2	70.83	33.61				16
C-17-22E	FS	1	20.76	12.95				0.7
C-17-22F	FS	3	23.19	13.14				0.7
C-17-22G	FS	1	12.13	7.42				0.2
C-17-23A	PROX	1	16.97	15.23	8.24	NO	NO	0.9
C-17-23B	PROX	1	15.79	10.23	8.82	NO	NO	0.5
C-17-23C	FS	1	53.66	25.88				5.1
C-17-24	PROX	1	18.92	13.75	5.25	NO	NO	0.2
C-17-25	PROX	1	22.56	15.9	9.01	YES	NO	0.6
C-17-26A	PROX	2	17.2	14.67	3.63	NO	NO	0.5
C-17-26B	PROX	1	16.17	10.45	5.49	NO	NO	0.4
C-17-26C	FS	1	12.66	4.45				0.1
C-17-27A	PROX	1	32.01	14.52	13.84	NO	NO	1.1
C-17-27B	PROX	1	35.39	19.56	24.97	NO	NO	3.7
C-17-27C	PROX	1	12.55	8.11	7.93	NO	NO	0.2
C-17-28A	PROX	1	22.45	11.82	2.71	NO	NO	0.6
C-17-28B	ANG	1	22.01	9.65				0.8
C-17-29	PROX	1	81.52	37.72	24.41	NO	NO	42.2
C-17-30	PROX	2	43.66	36.74	30.48	NO	NO	10.1
C-17-31	PROX	1	23.72	21.26	18.74	NO	NO	1.6
C-17-32A	PROX	1	19.45	15.28	15.27	NO	NO	2.2
C-17-32B	FS	1	15.1	8.41				0.4
C-17-33A	PROX	1	24.26	12.63	7.85	NO	YES	0.8
C-17-33B	ANG	1	18.5	6.73				0.6
1	PROX	1	27.47	24.27	2.53	NO	NO	2.7
2	FS	2	19.02	11.12				0.9
3	PROX	1	16.28	10.06	2.62	NO	NO	0.4
4	FS	1	12.82	11.49				0.2
5	PROX	1	15.23	9.23	10.99	NO	NO	0.4

6	PROX	1	15.33	6.94	3.72	NO	NO	0.2
7	PROX	1	14.72	9.78	3.37	NO	NO	0.2
8	FS	1	12.63	11.11				0.2
9	FS	1	12.81	9.79				0.1
10	PROX	2	15.71	12.08	9.22	YES	NO	0.6
11	PROX	1	10.79	8.89	5.76	NO	NO	0.2
12	FS	1	12.4	7.72				0.2
13	FS	1	11.64	8.88				0.1
14	PROX	1	17.6	6.52	3.4	NO	NO	0.2
15	PROX	3	12.41	8.93	5.06	NO	NO	0.1
16	FS	2	12.65	8.13				0.2
17	FS	1	11.59	6.81				0.1
18	PROX	3	14.7	8.38	3.02	YES	NO	0.2
19	PROX	1	9.33	8.34	5.2	NO	NO	0.1
20	PROX	1	10.46	8.85	2.81	NO	NO	0.1
21	FS	1	10.93	7.6				0.1
22	FS	1	9.4	8.86				0.1
23	FS	3	15.36	6.31				0.2
24	FS	1	14.78	7.81				0.3
25	FS	1	12.63	8.12				0.1
26	FS	1	11.53	10.04				0.1
27	FS	1	13.58	7.83				0.1
28	FS	2	10.23	9.64				0.2
C-18-1A	PROX	3	55.74	26.78	30.6	YES	NO	10.5
C-18-1B	PROX	3	34.44	31	15.97	NO	NO	6
C-18-1C	PROX	3	26.67	21.92	15.07	NO	NO	2.6
C-18-1D	FS	3	45.74	16.53				2.9
C-18-1CE	FS	3	13.92	5.85				0.2
C-18-1CF	FS	4	10.36	9.34				0.1
C-18-2	PROX	2	42.01	23.84	6.62	NO	NO	6.8
C-18-3A	PROX	2	42.4	38.18	2.23	NO	NO	6.5
C-18-3B	FS	2	14.7	4.45				0.2
C-18-3C	FS	3	22.4	8.01				0.5
C-18-4A	PROX	3	12.49	8.88	3.32	NO	NO	0.1
C-18-4B	PROX	2	16.74	7.93	0.96	NO	NO	0.3
C-18-4C	FS	2	23.23	9.33				0.7
C-18-5A	PROX	2	20.78	15.87	9.4	NO	NO	1.2
C-18-5B	FS	3	28.62	11.79				0.9
C-18-6	PROX	3	47.71	39.37	13.16	NO	NO	6.2
C-18-7A	PROX	2	48.89	32.04	7.19	NO	NO	11
C-18-7B	PROX	2	26.64	21.07	19.96	NO	NO	1.8

C-18-8	PROX	3	20.53	19.94	43.44	NO	NO	1.1
C-18-9A	PROX	2	26.56	15.82	4.1	NO	NO	2.6
C-18-9B	ANG	2	20.23	10.48				0.7
C-18-10	PROX	3	74.99	71.58	29.46	NO	NO	52.6
C-18-11	FS	3	19.49	13.18				0.4
C-18-12A	FS	2	20.18	16.81				1.3
C-18-12B	PROX	2	23.28	18.99	3.03	NO	NO	0.7
C-18-12C	PROX	4	19.53	15.25	7.6	NO	NO	0.5
C-18-12D	PROX	2	17.91	15.37	8.89	NO	NO	0.6
C-18-12E	PROX	3	12.88	8.65	6.72	NO	NO	0.2
C-18-13A	PROX	2	38.99	24.74	13.98	NO	NO	6.4
C-18-13B	FS	2	63.39	41.89				37.1
C-18-14	FS	1	15.04	11.32				0.3
C-18-15A	PROX	2	83.47	69.84	25.26	YES	NO	113.7
C-18-15B	FS	4	13.03	12.17				0.5
C-18-16A	PROX	3	30.74	16.28	3.6	NO	NO	2.7
C-18-16B	FS	2	14.16	10.2				0.2
C-18-17	PROX	2	25.57	17.61	3.29	NO	NO	1
C-18-18	FS	3	19.12	10.43				0.2
C-18-19A	PROX	2	30.89	13.89	8.15	NO	NO	0.8
C-18-19B	PROX	3	14.53	9.81	8.35	NO	NO	0.2
C-18-19C	PROX	1	8.96	8.86				0.1
C-18-20A	PROX	2	27.26	11.31	3.6	NO	NO	0.7
C-18-20B	PROX	2	21.76	16.08	4.33	NO	NO	0.8
C-18-21A	PROX	3	18.36	11.87	6.3	NO	NO	0.6
C-18-21B	FS	1	18.49	14.1				0.6
C-18-22A	PROX	1	18.77	16.36	5.71	NO	NO	1.1
C-18-22B	FS	1	45.67	25.99				4.3
C-18-23	PROX	2	29.44	26.01	8.92	NO	NO	3.3
C-18-24A	PROX	1	20.9	14.63	9.31	NO	NO	1.2
C-18-24B	PROX	1	21.33	17.41	5.95	NO	NO	1.3
C-18-24C	FS	1	18.81	14.22				0.8
C-18-25A	PROX	2	41.91	27.71				5.1
C-18-25B	FS	2	13.93	8.47				0.1
C-18-26	FS	1	15.65	11.45				0.3
C-18-27	PROX	3	78.51	34.97	11.24	NO	NO	15.5
C-18-28	PROX	3	85.67	56.68	8.66	YES	NO	59.8
C-18-29A	PROX	2	40.1	21.23	10.03	YES	NO	3.5
C-18-29B	PROX	2	50.79	19.52	2.81	NO	NO	6.6
C-18-29C	FS	2	33.76	9.77				0.8
C-18-29D	FS	1	16.08	7.87				0.4

C-18-29E	FS	2	15.96	6.06				0.3
C-18-30	PROX	1	11.03	9.47	4.69	NO	NO	0.1
C-18-31	PROX	2	78.61	61.06	18.61	NO	NO	141.5
C-18-32A	PROX	2	19.66	14.72	11.36	NO	NO	1.3
C-18-32B	FS	2	30.86	12.62				1.3
C-18-33A	PROX	2	55.45	47.9	15.5	NO	NO	28.3
C-18-33B	PROX	1	16.95	9.3	8.68	NO	NO	0.6
C-18-33C	FS	2	10.83	8.95				0.1
C-18-33D	ANG	1	23.03	6.86				0.5
C-18-34	PROX	1	43.01	17.61	7.72	NO	YES	3.1
C-18-35	PROX	1	14.83	14.08	7.57	NO	NO	0.2
C-18-36	PROX	1	23.48	14.54	2.82	NO	NO	0.7
C-18-37A	PROX	1	28.12	12.74	8.82	NO	NO	0.6
C-18-37B	PROX	1	17.7	8.1	3.48	NO	NO	0.1
C-18-38	PROX	1	22.08	10.39	3.26	NO	NO	0.8
C-18-39	PROX	1	25.57	21.02	7.88	NO	NO	2.7
C-18-40	PROX	2	58.06	25.73	9.82	NO	YES	15.3
C-18-41	PROX	1	28.81	15.04	8.22	NO	NO	1.5
C-18-42	PROX	1	16.69	8.63	3.64	NO	NO	0.4
C-18-43A	PROX	1	54.28	22.53	20.21	NO	NO	5.5
C-18-43B	PROX	1	18.56	8.4	2.51	NO	NO	0.3
C-18-44A	PROX	1	23.99	18.78	13.53	NO	NO	0.8
C-18-44B	PROX	1	21.49	16.61	10.78	NO	NO	0.8
C-18-45A	PROX	1	29.53	16.98	19.56	NO	NO	2.5
C-18-45B	PROX	1	23.63	10.57	6.47	NO	NO	0.8
C-18-45C	FS	1	42.97	32.51				11.9
C-18-45D	FS	1	31.7	23.29				4.3
C-18-46	PROX	2	68.9	62.5	20.55	NO	YES	116.3
C-18-47A	PROX	1	31.79	25.92	7.08	NO	NO	2.3
C-18-47B	PROX	1	30.53	17.13	10.66	NO	NO	1.5
C-18-47C	FS	1	40.56	17.72				3.6
C-18-47D	FS	1	17.62	9.79				0.6
C-18-48A	PROX	1	22.13	12.4	14.5	NO	NO	0.9
C-18-48B	PROX	1	20.17	12.2	2.94	NO	NO	0.7
C-18-49	PROX	1	43.23	26.61	17.46	NO	NO	9.5
C-18-50A	PROX	1	45.22	16.78	11.95	NO	NO	3.2
C-18-50B	ANG	1	22.54	10.41				0.7
C-18-51	PROX	1	15.85	12.86	8.56	NO	NO	0.4
C-18-52A	PROX	1	25.25	13.5	2.15	NO	NO	0.7
C-18-52B	PROX	1	18.39	6.6	3.42	NO	NO	0.3
C-18-53	PROX	1	21.26	15.65	15.72	NO	NO	0.8

C-18-54	PROX	1	25.9	18.96	7.34	NO	NO	0.6
C-18-55A	PROX	1	23.31	21.04	9.17	NO	NO	1.5
C-18-55B	FS	1	36.96	22.15				2.1
C-18-55C	PROX	1	23.73	13.93	14.34	NO	NO	0.5
C-18-56A	PROX	1	26.71	12.75	9.83	NO	NO	1.3
C-18-56B	ANG	1	16.99	12.25				0.6
C-18-56C	FS	1	30.78	17.86				3.5
C-18-56D	FS	2	16.31	6.21				0.2
C-18-57A	PROX	2	57.46	31.89	17.19	NO	YES	18.6
C-18-57B	ANG	1	23.84	9.47				0.7
C-18-58	PROX	1	15.44	7.85	2.56	NO	NO	0.2
C-18-59	PROX	1	41.99	41.11	27.52	NO	NO	17.6
1	PROX	1	23.16	20.58	8.68	NO	NO	1.6
2	PROX	3	18.06	10.21	8.17	NO	NO	0.4
3	FS	2	18.52	11.52				0.5
4	FS	3	22.84	9.98				0.3
5	PROX	1	18.32	16.11	2.76	NO	NO	0.3
6	FS	1	11.68	9.13				0.1
7	PROX	1	18.33	9.01	12.72	NO	NO	0.3
8	ANG	2	14.15	10.6				0.5
9	PROX	3	18.13	8.26	2.51	NO	NO	0.2
10	FS	1	25.85	8.01				0.3
11	PROX	1	17.12	9.63				3
12	PROX	2	16.07	12.4	11.7	NO	NO	0.5
13	PROX	1	15.22	9.35	2.31	NO	NO	0.2
14	PROX	2	14.01	9.52	8.1	NO	NO	0.2
15	FS	1	14.61	8.03				0.3
16	PROX	1	20.98	10.03	4.33	NO	NO	0.3
17	PROX	1	11.8	9.78	7.44	NO	NO	0.2
18	ANG	1	14.73	7.62				0.4
19	PROX	1	15.97	11.44	5.36	NO	NO	0.3
20	PROX	2	13.9	12.31	12.26	NO	NO	0.4
21	FS	1	17.46	7.12				0.2
22	FS	1	14.59	8.82				0.2
23	FS	1	12.03	8.53				0.1
24	FS	2	14.98	8.21				0.2
25	PROX	1	15.04	6.92	1.78	NO	NO	0.1
26	PROX	1	14.98	7.82	4.11	NO	NO	0.3
27	FS	1	12.68	10.22				0.2
28	PROX	1	16.47	13.24	12.92	NO	NO	0.3
29	PROX	1	15.94	9.52	2.35	NO	NO	0.2

30	PROX	1	9.96	8.97	4.42	NO	NO	0.2
31	PROX	1	12.12	7.14	4.92	NO	NO	0.2
32	PROX	2	11.26	11.44	6.87	NO	NO	0.1
33	PROX	1	13.26	8.62	6.64	`N	NO	0.3
34	PROX	2	15.76	8.38	6.15	NO	NO	0.2
35	PROX	1	15.32	8.16	7.44	NO	NO	0.2
36	FS	1	11.58	7.58				0.1
37	PROX	1	10.58	10.02	6.17	NO	NO	0.2
38	PROX	1	10.69	9.8	3.77	NO	NO	0.1
39	PROX	1	12.59	8.41	6.94	NO	NO	0.1
40	PROX	1	12.36	7.73	3.17	NO	NO	0.2
41	PROX	1	12.11	7.69	4.29	NO	YES	0.1
42	PROX	1	15.89	9.2	1.54	NO	NO	0.1
43	PROX	1	12.13	10.83	7.19	NO	NO	0.3
44	FS	1	10.02	8.56				0.1
45	FS	1	9.9	8.56				0.1
46	PROX	1	10.01	8.32	2.2	NO	NO	0.1
47	PROX	4	14.64	9.14	4.89	NO	NO	0.2
48	FS	1	10.34	9.3				0.1
49	PROX	1	12.17	10.71	4.34	NO	NO	0.1
50	PROX	2	10.63	9.68	2.21	NO	NO	0.2
51	PROX	3	12.92	10.47	4.72	NO	NO	0.3
52	FS	1	10.03	8.48				0.1
53	PROX	1	13.56	9.48	10.19	NO	NO	0.2
54	FS	1	11.32	9.78				0.1
55	PROX	1	11.14	8.44				0.1
C-19-1	PROX	3	24.96	19.17	17.4	YES	NO	1.4
C-19-2A	PROX	2	13.85	8.28	3.66	YES	NO	0.2
C-19-2B	FS	4	10.82	5.96				0.1
C-19-3	PROX	3	63.48	31.36	16.69	NO	NO	16.1
C-19-4A	PROX	1	18.76	11.56	3.3	NO	NO	0.6
C-19-4B	FS	1	25.36	15.07				1.7
C-19-4C	FS	2	21.96	7.49				0.6
C-19-5	PROX	3	32.42	10	3.22	NO	NO	0.4
C-19-6	PROX	2	19.4	11.22	2.23	NO	NO	0.5
C-19-7	FS	2	20.72	9.24				0.7
C-19-8A	PROX	2	65.41	42.38	21.05	NO	NO	43.7
C-19-8B	PROX	2	25.61	22.1	3.97	NO	NO	2.3
C-19-9	PROX	1	42.86	21.66	16.26	NO	YES	6.5
C-19-10A	PROX	1	18.66	18.27	14.71	NO	NO	1.1
C-19-10B	FS	1	21.6	20.74				1.6

c-19-11A	PROX	3	11.94	7.86	2.09	NO	NO	0.1
C-19-11B	FS	3	12.69	10.51				0.4
C-19-11C	FS	1	15.08	6.28				0.3
C-19-11D	ANG	1	15.02	13.32				1
C-19-12	PROX	3	20.58	15.93	15.92	YES	NO	1.6
C-19-13	PROX	3	11.68	9.53	1.19	NO	NO	0.1
C-19-14A	PROX	1	21.95	16.24	15.3	NO	NO	1.6
C-19-14B	PROX	1	10.66	7.02	3.21	NO	NO	0.2
C-19-15A	PROX	2	37.17	30.62	17.5	YES	NO	6.1
C-19-15B	FS	1	25.78	18.77				0.9
C-19-16A	PROX	3	64.32	41.7	15.85	NO	NO	29.5
C-19-16B	PROX	2	13.38	9.39	10.5	NO	NO	0.2
C-19-17A	PROX	3	21.43	18.18	10.26	NO	NO	1.1
C-19-17B	FS	3	18.14	15.36				0.9
C-19-18A	PROX	1	29.77	25.48	10.39	NO	NO	3.1
C-19-18B	PROX	3	14.74	12.98	4.69	YES	NO	0.7
C-19-19	PROX	3	60.04	38.75	4.36	NO	NO	20.7
C-19-20	PROX	2	14.69	11.37	4.99	NO	NO	0.2
C-19-21	FS	1	16.01	8.49				0.4
C-19-22	PROX	2	58.37	40.04	22.99	NO	NO	37.5
C-19-23A	PROX	2	20.41	15.55	4.05	YES	NO	0.3
C-19-23B	FS	3	15.45	12.28				0.6
C-19-23C	FS	2	16.77	10.37				0.8
C-19-23D	PROX	2	38.77	22.39	7.3	NO	NO	4.7
C-19-24	PROX	2	28.06	12.2	11.23	NO	NO	1.1
C-19-25A	PROX	2	31.42	18.24	10.61	NO	NO	4.1
C-19-25B	FS	1	43.23	29.81				8.5
C-19-25C	FS	2	42.85	34.26				10.9
C-19-25D	FS	1	24.89	20.11				2.7
C-19-25E	FS	2	14.54	6.54				0.3
C-19-26A	PROX	1	22.13	11.05	4.01	NO	NO	0.4
C-19-26B	PROX	1	16.44	11.46	10.24	NO	NO	0.4
C-19-27A	PROX	2	81.72	86.98	25.31	NO	NO	138.7
C-19-27B	FS	1	22.12	14.58				1.2
C-19-28	PROX	2	20.47	15.28	4.02	YES	NO	0.5
C-19-29A	PROX	1	17.99	6.98	1.38	NO	NO	0.3
c-19-29b	FS	1	21.18	19.35				1.2
C-19-30	PROX	2	24.62	19.28	5.41	YES	NO	2.1
C-19-31A	PROX	2	55.81	38.72	8.29	NO	NO	27
C-19-31B	PROX	2	48.14	47.82	7.77	NO	NO	15.9
C-19-32	PROX	2	44.23	22.1	18.52	YES	NO	4

C-19-33	PROX	1	23.07	19.21	6.58	NO	NO	1.4
C-19-34	PROX	3	56.88	39.58	14.78	NO	NO	25
C-19-35A	PROX	1	57.49	45.44	19.94	NO	NO	39.3
C-19-35B	PROX	1	26.44	15.37	2.1	NO	NO	2.7
C-19-35C	PROX	1	22.21	18.74	1.72	NO	NO	1.4
C-19-35D	ANG	1	39.28	18.84				4.5
C-19-36A	PROX	3	11.35	10.25	2.15	NO	NO	0.3
C-19-36B	FS	2	15.92	12.09				0.6
C-19-37	PROX	1	27.97	23.7	5.73	NO	NO	3.2
C-19-38A	PROX	1	36.36	18.7	15.47	NO	NO	4.3
C-19-38B	FS	1	36.22	8.61				0.8
C-19-39A	PROX	1	28.82	22.26	6.65	NO	NO	1.8
C-19-39B	PROX	1	23.69	18.21	10.71	NO	NO	1.1
C-19-40A	PROX	1	19.62	10.94	10.67	NO	NO	0.7
c-19-41	PROX	1	31.59	12.46	4.62	NO	YES	2
C-19-42	PROX	1	17.95	15.81	5.89	NO	NO	0.8
C-19-43A	PROX	1	31.05	24.46	22.02	NO	NO	5.4
C-19-43B	PROX	1	38.71	25.95	18.32	NO	NO	7.6
C-19-43C	FS	1	13.61	7.34				0.1
C-19-44A	PROX	1	17.86	11.96	16.48	YES	NO	0.7
C-19-44B	FS	1	23.95	15.14				1.4
C-19-44C	FS	1	29.777	17.73				2.4
C-19-45A	PROX	1	40.49	34.68	4.18	NO	NO	12.1
C-19-45B	PROX	1	22.56	12.06	8.98	NO	NO	0.9
C-19-45C	PROX	1	20.13	15.64	6.68	NO	NO	1.2
C-19-45D	FS	1	23.17	9.46				0.7
C-19-46	FS	1	25.34	9.02				0.3
C-19-47A	PROX	1	60.82	28.62	28.91	NO	NO	21.3
C-19-47B	FS	1	33.64	17.96				1.6
C-19-47C	FS	1	21.93	15.72				0.9
C-19-47*	FS	1	28.87	12.08				0.6
C-19-49	PROX	1	32.77	21.44	5.94	NO	YES	2.1
C-19-50	PROX	1	19.36	10.12	5.41	NO	NO	0.4
C-19-51	PROX	1	19.29	14.92	7.64	NO	NO	0.7
C-19-52A	PROX	1	45.18	37.12	6.09	NO	NO	12.6
C-19-52B	FS	1	40.91	20.67				7.7
C-19-52*	PROX	1	21.68	14.64	4.04	NO	NO	1.1
C-19-53	PROX	2	58.46	40.33	20.91	NO	NO	23.8
1	FS	1	26.76	12.87				0.8
2	FS	1	12.41	8.73				0.2
3	PROX	2	13.65	9.14	5.37	NO	NO	0.3

4	FS	1	15.69	9.7				0.4
5	PROX	1	16.53	10.52	7.19	NO	NO	0.5
6	FS	1	15.25	9.06				0.4
7	FS	1	15.25	7.68				0.2
8	FS	1	12.75	8.43				0.3
9	FS	1	16.22	7.65				0.2
10	PROX	1	14.84	9.41	8.89	NO	NO	0.2
11	PROX	1	20.04	16.48	5.3	NO	NO	0.5
12	PROX	1	16.53	13.21	3.95	NO	NO	0.2
13	PROX	1	14.04	9.86	2	NO	NO	0.2
14	FS	1	12.21	7.65				0.1
15	PROX	1	13.82	8.95	2.91	NO	NO	0.3
16	FS	1	10.99	9.82				0.2
17	PROX	2	11.34	8.66	5.14	NO	NO	0.1
18	FS	1	12.97	7.55				0.2
19	PROX	1	15.11	10.3	6.01	NO	NO	0.4
20	FS	1	11.54	7.45				0.2
21	FS	1	15.57	7.32				0.1
22	PROX	1	26.98	10.12	6.08	NO	NO	0.5
23	FS	1	13.13	7.77				0.2
24	FS	1	15.22	10.63				0.3
25	PROX	1	10.66	8.16	5.01	NO	NO	0.4
26	PROX	1	9.16	7.73	4.46	NO	NO	0.2
27	PROX	1	14.12	8.88	7.9	NO	NO	0.4
28	FS	1	8.89	6.65				0.2
29	PROX	1	9.99	7.43	2.56	NO	NO	0.2
30	FS	1	13.85	8.57				0.3
31	PROX	1	12.64	11.76	5.55	NO	NO	0.2
32	PROX	1	10.79	10.25	3.45	NO	NO	0.2
33	PROX	1	13.12	7.26	2.82	NO	NO	0.1
34	FS	3	11.71	8.84				0.1
35	FS	4	12.03	9.42				0.2
36	PROX	2	10.92	8.21	4.99	YES	NO	0.1
37	PROX	2	9.67	9..39	2.06	YES	NO	0.1
38	ANG	2	10.75	9.23				0.3
39	PROX	3	8.6	8.47	3.39	YES	NO	0.1
40	PROX	3	9.77	8.75	3.11	YES	NO	0.3
c-20-1	PROX	1	16.66	14.17	5.33	NO	NO	0.5
C-20-1B	PROX	1	12.35	9.79	3.16	NO	NO	0.2
C-20-1C	PROX	1	12.67	11.76	2.36	NO	NO	0.3
C-20-2A	PROX	3	16.02	8.52	5.22	YES	NO	0.2

C-20-2B	PROX	3	27.26	12.37	2.59	NO	NO	1.3
C-20-2C	PROX	2	13.15	7.88	2.14	NO	NO	0.3
C-20-2D	PROX	3	12.65	10	1	NO	NO	0.2
C-20-3	ANG	3	13	10.34				0.7
C-20-4	PROX	2	84.41	59.87	53.46	NO	NO	50.5
C-20-5	PROX	1	29.03	13.09	29.11	NO	NO	1.3
C-20-6A	PROX	3	57.43	50.79	7.56	YES	NO	33.4
C-20-6B	ANG	2	37.17	26.24				11.7
C-20-7A	PROX	2	36.59	19.3	14.88	NO	NO	3.7
C-20-7B	PROX	1	10.97	8.43	5.88	NO	NO	0.1
C-20-7C	FS	2	33.56	8.99				0.9
C-2-7D	FS	2	44.97	8.23				0.7
C-20-8	PROX	1	38.2	22.54	20.58	NO	NO	4.1
C-20-9A	PROX	1	30.56	15.82	8.69	NO	NO	1.6
C-20-9B	PROX	1	17.26	10.76	3.77	NO	NO	0.4
C-20-9C	PROX	1	17.08	12.08	6.87	NO	NO	0.3
C-20-9D	FS	1	14.37	11.62				0.3
C-20-9E	FS	1	11.88	10.16				0.1
C-20-10	PROX	1	47.46	29.71	11.84	NO	NO	6.2
C-20-11	PROX	2	90.91	66.53	47.88	NO	NO	66.4
C-20-12A	PROX	3	32.49	19.38	4.54	NO	NO	2.2
C-20-12B	PROX	1	20.22	9.31	7.77	NO	NO	0.5
C-20-12C	PROX	2	13.89	8.97	6.15	NO	NO	0.2
C-20-12D	FS	1	23.89	15.08				0.5
c-20-13	FS	2	20.07	16.06				1.2
C-20-14A	PROX	2	41.26	33.38	8.81	YES	NO	8
C-20-14B	FS	1	24.73	14.1				0.6
C-20-14C	FS	1	14.16	10.26				0.3
c-20-14d	PROX	2	18.85	10.81	4.27	NO	NO	0.6
C-20-15	PROX	1	27.06	11.18	5.91	NO	NO	0.9
C-20-16A	PROX	1	20.77	10.91	6.18	NO	NO	0.5
C-20-16B	PROX	1	17.79	13.04	6.72	NO	NO	0.3
C-20-17	PROX	1	23.33	12.38	5.3	NO	NO	0.6
C-20-18	PROX	1	19.11	13.08	10.57	NO	NO	0.5
C-20-19A	PROX	1	16.57	7.23	5.51	NO	NO	0.1
C-20-19B	FS	3	18.29	12.08				0.3
C-20-19C	FS	3	14.17	8.61				0.2
C-20-19D	PROX	2	11.46	8.89	9.43	YES	NO	0.3
C-20-20	PROX	3	15.77	14.01	5.27	NO	NO	0.2
C-20-21A	PROX	3	32.8	19.41	9.13	NO	NO	1.9
C-20-21B	PROX	2	27.95	20.11	11.43	NO	NO	1.4

C-20-21C	PROX	2	19.93	10.6	3.33	NO	NO	0.6
C-20-22A	PROX	3	50.78	39.88	7.2	NO	NO	6.8
C-20-22B	FS	3	29.99	15.58				1.2
C-20-23A	PROX	2	70.54	39.1	22.18	NO	NO	33.6
C-20-23B	PROX	2	37.07	29.06	17.34	NO	NO	4.9
C-20-24A	PROX	2	25.05	11.33	3.51	YES	NO	1
C-20-25	PROX	2	35.24	29.58	18.63	YES	NO	3.5
C-20-26	PROX	2	14.57	10.56	4.09	YES	NO	0.3
C-20-27A	PROX	1	14.13	10.7	5.01	YES	NO	0.3
C-20-27B	FS	2	15.73	8.59				0.2
C-20-28A	PROX	2	51.95	37.2	8.49	NO	NO	13.3
C-20-28B	PROX	4	41.15	28.26	20.39	YES	NO	6.8
C-20-28C	PROX	1	20.65	8.99	16.37	NO	NO	0.7
C-20-29	PROX	2	20.53	13.24	7.02	NO	NO	0.5
C-20-30A	PROX	3	20.25	9.84	10.5	NO	NO	1.1
C-20-30B	FS	1	17.02	12.54				0.3
C-20-31	ANG	1	20.88	11.65				0.7
C-20-32A	PROX	2	43.65	23.41	8.16	NO	NO	5.2
C-20-32B	PROX	2	34.29	19.14	5.1	YES	NO	2
C-20-32C	FS	1	24.88	15.34				1.7
C-20-32D	PROX	1	20.17	20.61	15.36	NO	NO	1.7
C-20-33A	PROX	2	21.53	14.88	4.53	NO	NO	1.1
C-20-33B	FS	2	26.08	19.94				2.4
C-20-34	PROX	2	24.13	7.46	3.26	NO	NO	0.4
C-20-35	PROX	3	11.41	9.52	8.95	YES	NO	0.2
C-20-36A	PROX	2	59.35	29.26	7.1	YES	NO	18.5
C-20-36B	PROX	1	36.92	11.18	2.8	NO	NO	2.1
C-20-36C	FS	1	14.34	13.65				0.2
C-20-37	PROX	2	60.75	38	25.04	YES	NO	22.5
C-20-38A	PROX	2	46.79	23.16	12.05	NO	NO	7.9
C-20-38B	PROX	1	18.77	7.05	3.37	NO	NO	0.3
C-20-39A	PROX	1	19.77	8.29	4.41	NO	NO	0.5
C-20-39B	PROX	1	14.51	13.73	10.66	NO	NO	0.6
C-20-39C	FS	1	10.98	7.52				0.1
C-20-39D	PROX	1	12.6	6.49	2.27	NO	NO	0.1
C-20-39E	FS	1	15.83	9.06				0.4
C-20-39F	FS	1	36.13	18.14				3.8
C-20-40	PROX	3	30.15	17.91	10.36	NO	NO	3.3
C-20-41A	PROX	2	19.24	11.95	13.29	NO	NO	0.4
C-20-41B	ANG	1	20.37	5.5				0.2
C-20-42A	PROX	2	44.88	39.77	22.3	NO	NO	16.8

C-20-42B	FS	3	26.23	16.09				2.4
C-20-43	PROX	1	29.62	14.38	3.05	NO	NO	0.9
C-20-44A	PROX	3	47.56	34.51	28.77	YES	NO	21.8
C-20-44B	FS	1	11.24	4.66				0.1
C-20-44C	ANG	2	12.68	7.41				0.4
C-20-45A	FS	2	15.43	7.71				0.1
C-20-45B	FS	2	16.99	10.3				0.3
C-20-46	PROX	1	20.02	15.07	15.07	NO	NO	0.9
C-20-47A	FS	2	34.4	17.58				1.8
C-20-47B	FS	1	20.6	7.43				0.2
C-20-48A	PROX	1	13.28	11.66	2.63	NO	NO	0.3
C-20-48B	PROX	2	45.55	36.25	4.81	NO	NO	11.2
C-20-48C	FS	1	20.93	10.78				0.6
C-20-49	PROX	3	15.95	10.42	4.33	NO	NO	0.4
C-20-50A	PROX	1	32.95	11.1	4.42	NO	NO	0.8
c-20-50b	FS	1	24.3	19.91				1
C-20-50C	PROX	1	17.54	9.74	5.28	NO	NO	0.4
C-20-50D	FS	1	12.82	11.85				0.3
C-20-51A	PROX	2	58.46	50.44	32.86	NO	NO	17
C-20-51B	PROX	1	38.15	22.28	3.43	NO	NO	2.7
C-20-52A	FS	2	53.79	34.69				17.1
C-20-52B	PROX	2	52.08	33.3	52.3	NO	NO	25.3
C-20-52C	PROX	1	14.25	11.43	5.88	NO	NO	0.8
C-20-52D	FS	2	14.59	12.12				0.7
C-20-53	FS	3	33.94	19.9				1.1
C-20-54A	PROX	2	71.88	67.71	40.38	NO	NO	74.9
C-20-54B	FS	1	24.04	9.04				0.6
C-20-55	PROX	2	15.15	14.84	5.89	NO	NO	0.9
C-20-56A	PROX	2	71.31	46.56	19.29	NO	NO	41
C-20-56B	FS	1	12.77	11.15				0.1
C-20-57	PROX	2	73.6	55.44	36.79	YES	NO	92.2
c-20-58	PROX	1	20.52	10.26	10.53	NO	NO	0.6
C-20-59A	PROX	2	32.91	7.5				0.5
C-20-59B	FS	1	16.34	11.52				0.1
C-20-60	FS	1	25.05	10.71				1.4
C-20-61A	PROX	2	46.62	22.66	3.56	NO	NO	5.5
C-20-61B	FS	1	26.43	9.3				0.5
C-20-62	PROX	2	45.64	29.09	26.19	NO	NO	16.4
C-20-63A	PROX	2	19.79	13.43	7.03	YES	NO	1.3
C-20-63B	FS	2	40.82	14.95				2.9
C-20-64	PROX	2	49.92	24.83	16.07	NO	NO	11.7

C-20-65A	PROX	2	20.57	15.58	4.01	NO	NO	1.4
C-20-65B	FS	1	30.6	13.07				1.9
C-20-66	FS	1	39.69	17.7				1.3
C-20-67A	PROX	2	32.14	25.29	6.59	NO	NO	2.8
C-20-67B	FS	2	27.58	20.58				2.3
C-20-68A	PROX	1	25.12	13.55	11.12	NO	NO	0.7
C-20-68B	PROX	2	17	9.16	7.28	YES	NO	0.5
C-20-68C	FS	3	11.25	10.97				0.2
C-20-69	PROX	1	46.79	20.68	14.06	NO	NO	2.6
C-20-70	FS	1	21.68	12.99				0.3
C-20-71A	PROX	1	23.95	14.83	3.88	NO	NO	1.4
C-20-71B	ANG	1	42.23	12.12				
C-20-72	PROX	1	28.18	7.5	3.2	NO	NO	0.3
C-20-73	PROX	2	49.84	28.58	20.59	NO	NO	19.8
C-20-75A	PROX	2	65.65	36.64	27.95	NO	NO	24.7
C-20-75B	FS	2	23.71	12.53				1.1
C-20-75C	PROX	1	12.82	7.66	8.9	NO	NO	0.3
1	PROX	1	24.06	12.93	3.76	NO	NO	1.3
2	PROX	1	20.23	9.51	8.5	NO	NO	0.6
3	PROX	1	19.34	9.66	8.09	NO	NO	0.6
4	FS	2	24.67	10.29				0.7
5	PROX	1	20.37	17.29	7.29	NO	NO	0.4
6	PROX	3	19.86	13.05	2.32	YES	NO	0.7
7	PROX	1	13.22	8.51	2.51	NO	NO	0.2
8	PROX	2	19.86	10.64	2.4	NO	NO	1
9	PROX	1	14.09	10	1.55	NO	NO	0.3
10	FS	1	17	5.25				0.3
11	PROX	1	14.08	9.48	2.05	NO	NO	0.4
12	PROX	2	16.14	8.57	1.83	NO	NO	0.4
13	FS	1	16.44	6.76				0.2
14	PROX	3	13.48	7.93	8.41	YES	NO	0.3
15	ANG	2	12.9	8.48				0.5
16	FS	3	11.95	8.33				0.6
17	PROX	1	10.13	7.91				0.2
18	PROX	1	8.89	8.74	10.26	NO	NO	0.2
19	PROX	1	12.1	6.97	4.89	NO	NO	0.2
20	PROX	1	11.43	7.26	2.73	NO	NO	0.2
21	PROX	1	13.19	7.48	2.38	NO	NO	0.3
22	PROX	1	13.97	7.02	3.95	NO	NO	0.4
23	PROX	3	11.17	5.89	5.29	NO	NO	0.4
24	FS	1	11.71	6.96				0.3

25	FS	3	12.9	5.86				0.3
26	PROX	1	8.94	6.18	5.3	NO	NO	0.3
27	PROX	3	14.78	11.2	5.81	YES	NO	0.5
28	PROX	2	11.54	8.77	1.5	NO	NO	0.3
29	PROX	2	19.55	5.26	2.81	NO	YES	0.5
30	PROX	1	10.39	7.14	8.73	NO	NO	0.3
31	PROX	1	8.55	6.14	4.15	NO	NO	0.2
32	FS	1	9.61	7.58				0.3
33	FS	1	11.79	8.01				0.3
34	PROX	2	14.47	6.84	1.24	NO	NO	0.2
35	FS	1	9.62	8.03				0.2
36	FS	1	16.51	8.18				0.2
37	PROX	1	15.22	6.79	1.64	NO	NO	0.2
38	PROX	1	10.17	9.68	1.45	NO	NO	0.3
39	FS	1	9.83	6.19				0.3
40	PROX	1	13.87	6.05	1.4	NO	NO	0.2
41	PROX	2	8.56	8.05	4.2	YES	NO	0.1
42	PROX	2	10.17	8.02	5.6	NO	NO	0.2
43	PROX	2	11.69	7.18	4.06	NO	NO	0.3
44	PROX	1	8.88	6.52	1.31	NO	NO	0.2
45	FS	1	9.83	7.13				0.3
46	PROX	3	8.08	6.56	1.2	YES	NO	0.1
47	FS	1	12.78	7.86				0.2
48	FS	3	9.81	5.38				0.2
49	PROX	2	7.13	5.55	4.76	NO	NO	0.1
C-21-1A	PROX	3	58.93	29.32	6.53	NO	NO	15.5
C-21-1B	PROX	1	13.62	9.12	2.92	NO	NO	0.2
C-21-2	PROX	3	73.36	34.17	15.88	NO	NO	10.4
C-21-3A	PROX	2	107.6	41.95	31.38	NO	NO	78.1
C-21-3B	FS	1	15.2	8.9				0.2
C-21-3C	ANG	2	29.36	14.29				2.4
C-21-4	PROX	2	60.2	46.64	17.72	NO	NO	18.7
C-21-5	PROX	2	92.82	36.52	41.55	NO	NO	75.2
C-21-6A	PROX	1	66.63	42.42	28.74	NO	NO	46
C-21-6B	PROX	2	37.91	20.32	13.79	NO	YES	6.7
C-21-6C	FS	1	39.02	21.76				3.6
C-21-6D	FS	1	18.38	14.26				0.5
C-21-6E	PROX	1	10.69	8.39	4.41	NO	NO	0.3
C-21-7A	PROX	1	11.43	9.63	2.66	NO	NO	0.1
C-21-7B	FS	1	35.01	16.2				1.8
C-21-7C	FS	1	28.29	11.86				1.4

C-21-7D	FS	2	36.93	13.86				2.5
C-21-7E	FS	1	17.87	9.3				0.5
C-21-7F	FS	1	15.48	6.3				0.2
C-21-8A	PROX	1	17.14	8.35	16.87	NO	NO	0.3
C-21-8B	ANG	1	19.7	8.95				0.7
C-21-8C	FS	1	16.91	7.5				0.3
C-21-8D	FS	1	21.04	8.71				0.8
C-21-8E	FS	1	14.46	9.47				0.4
C-21-8F	FS	1	11.4	8.01				0.4
C-21-9A	PROX	2	74.6	42.15	30.45	NO	NO	44.2
C-21-9B	PROX	1	26.12	17.1	3.34	NO	NO	1.8
C-21-9C	ANG	1	41.12	12.45				2.4
C-21-9D	ANG	1	33.5	29.72				11
C-21-9E	FS	1	15.89	9.67				0.4
C-21-9F	FS	1	12.84	10.13				0.4
C-21-9G	FS	1	15.2	7.08				0.3
C-21-9H	FS	1	11.39	7.24				0.1
C-21-9I	FS	1	10.39	4.38				0.1
C-21-10A	PROX	1	63.15	31.86	31.95	NO	NO	14.4
C-21-10B	PROX	1	9.4	8.24	7.83	NO	NO	0.1
C-21-10C	FS	1	14.93	6.9				0.2
C-21-10D	PROX	1	24.02	22.58	22.58	NO	NO	0.8
C-21-11	PROX	1	57.73	23.83	26.03	NO	NO	10
C-21-12A	PROX	2	34.54	13.95	4.3	NO	NO	2.5
C-21-12B	PROX	1	25.29	14.09	10.13	NO	NO	0.7
C-21-12C	FS	1	21.02	8.32				0.6
C-21-13	PROX	2	108.31	44.77	25.24	NO	YES	84.8
C-21-14A	ANG	1	58.82	16.64				6.4
C-21-14B	PROX	1	12.25	8.07	3.81	NO	NO	0.1
C-21-14C	FS	1	9.77	8.11				0.2
C-21-14D	FS	1	9.73	7.9				0.1
C-21-15	PROX	1	48.61	27.97	17.58	NO	NO	14.4
C-21-16	PROX	1	10.41	8.89	3.42	NO	NO	0.1
C-21-17A	PROX	1	31.2	19.51	21.12	NO	YES	2.7
C-21-17B	PROX	1	22.3	14.64	12.9	NO	NO	0.8
C-21-18	PROX	1	40.08	28.95	15.63	NO	NO	4.6
C-21-19	PROX	1	15.99	10.82	7.41	NO	NO	0.3
C-21-20A	PROX	1	46.98	22.7	30.16	NO	NO	10.3
C-21-20B	ANG	1	14.5	12.63				1.1
C-21-21A	PROX	1	74.86	53.28	20.62	NO	NO	51.5
C-21-21B	PROX	1	12.59	12.57	2.12	`N	NO	0.4

C-21-21C	PROX	2	12.04	8.89	2.91	NO	NO	0.3
C-21-21D	FS	1	39.28	21.81				6.6
C-21-21E	PROX	1	13.43	10.82	2.84	NO	NO	0.3
C-21-21F	PROX	1	11.85	6.39	2.65	NO	NO	0.2
1	PROX	1	11.21	11.01	3.92	NO	NO	0.2
C-22-1	PROX	3	71.62	43.95	26.83	YES	NO	51.5
C-22-2A	PROX	3	105.67	39.42	78.12	YES	NO	80.1
C-22-2B	ANG	2	31.05	13.5				2.5
C-22-2C	FS	3	30.49	25.87				1.8
C-22-2D	FS	3	32.83	15.74				1.5
C-22-2E	FS	2	27.5	15.46				1.4
C-22-2F	FS	2	21.84	7.7				0.4
C-22-2G	FS	1	10.24	8.07				0.2
C-22-3A	PROX	2	60.27	41.96	5.95	NO	NO	25.5
C-22-3B	FS	2	65.38	44.89				38.7
C-22-3C	ANG	2	39.19	33.83				17
C-22-3D	FS	2	14.33	12.03				0.7
C-22-3E	PROX	1	14.09	8.3	2.26			0.2
C-22-4A	PROX	1	25.68	9.94	9.14	NO	NO	0.7
C-22-4B	PROX	1	16.49	11.39	5.7	NO	NO	0.3
C-22-4C	PROX	2	17.8	14.44	12.46	NO	NO	1.3
C-22-5A	PROX	2	49.42	26.71	8.63	NO	NO	7
C-22-5B	PROX	2	15.8	14.19	7.56	NO	NO	0.5
C-22-5C	FS	1	15.66	13.13				0.2
C-22-6	PROX	2	56.16	55.63	34.54	NO	YES	22.7
C-22-7A	PROX	2	86.63	67.4	29.53	NO	YES	142.1
C-22-7B	FS	2	63.62	24.37				6
C-22-7C	ANG	2	18.32	10.23				0.5
C-22-8A	PROX	2	61.53	32.52	20.79	YES	NO	31
C-22-8B	PROX	2	20.07	9.04	2.36	YES	NO	0.3
C-22-9	PROX	2	61.25	48.66	42.31	YES	NO	31.7
C-22-10A	PROX	1	13.51	12.36	3.94	NO	NO	0.5
C-22-10B	FS	2	65.59	39.06				9.4
C-22-10C	FS	1	22.46	15.58				0.7
C-22-10D	PROX	1	31.2	17.21	12.77	NO	NO	1.7
C-22-10E	PROX	1	22.63	10.72	2.22	NO	NO	0.5
C-22-10F	PROX	1	19.38	11.92	4.34	NO	NO	0.4
C-22-10G	FS	1	12.61	7.18				0.2
C-22-10A*	PROX	2	87.63	55.87	31.12	NO	NO	64.7
C-22-10B	FS	2	23.02	11.46				0.5

C-22-10C	ANG	1	14.39	6.58				0.1
C-22-11A	PROX	1	11.2	5.21	3.27	NO	NO	0.1
C-22-11B	FS	1	17.77	10.2				0.3
C-22-11C	FS	2	17.86	13.83				0.6
C-22-11D	FS	1	18.95	16.02				0.2
C-22-11E	FS	2	24.07	8.95				0.7
C-22-11F	ANG	2	45.6	31.12				14.5
C-22-11G	ANG	2	39.11	14.98				4.7
C-22-12A	PROX	2	44.45	25.83	25.43	NO	NO	8.5
C-22-12B	FS	1	31.08	10.1				0.4
C-22-12C	FS	2	15.95	10.11				0.3
C-22-13	PROX	2	91.36	61.54	29.39	YES	NO	38.8
C-22-14A	PROX	2	39.49	28.93	25	YES	NO	12.3
C-22-14B	FS	2	39.86	28.52				3.8
C-22-14C	FS	2	15.74	11.39				0.5
C-22-14D	PROX	2	20.41	12.65	17.5	YES	NO	0.5
C-22-15A	PROX	1	41.42	26.18	18.11	NO	NO	6.5
C-22-15B	FS	1	29.1	15.52				1.2
C-22-15C	FS	1	17.77	10.6				0.4
C-22-15D	PROX	1	16.27	8.81	4.92	NO	NO	0.3
C-22-15E	FS	1	12.82	8.21				0.1
C-22-16								
C-22-17A	PROX	1	25.45	22.23	8.32	NO	NO	1.5
C-22-17B	PROX	2	25.59	11.68	5.01	NO	NO	0.8
C-22-17C	FS	1	21.33	9.08				0.2
C-22-17D	FS	1	8.66	7.25				0.1
C-22-18A	PROX	2	41.08	21.57	14.49	NO	NO	3.2
C-22-18B	FS	1	19.54	15.43				0.6
C-22-18C	FS	1	14.34	8.08				0.3
C-22-18D	FS	1	15.09	5.9				0.2
C-22-19	FS	1	23.1	11.45				0.7
C-22-20A	PROX	2	53.61	25.16	16.16	YES	NO	15.1
C-22-20B	PROX	2	64.88	46.64	35.28	YES	NO	39.2
C-22-21A	PROX	2	73.65	54.72	40.51	YES	NO	58
C-22-21B	ANG	2	12.4	8.44				0.3
C-22-22A	PROX	2	65.75	27.72	22.31	NO	NO	20.2
C-22-22B	PROX	1	63.62	30.73	18.22	NO	NO	17
C-22-22C	PROX	1	11.81	10.07	2.43	NO	NO	0.2
C-22-23A	PROX	1	57.28	48.01	29.92	NO	NO	14.9
C-22-23B	FS	1	23.64	19.27				0.6
C-22-24A	PROX	2	33.54	26.42	15.52	YES	NO	5

C-22-24B	FS	2	23.7	14.16				1
C-22-25A	PROX	1	38.68	31.94	25.21	NO	NO	3.1
C-22-25B	PROX	1	20.02	16.46	1.76	NO	NO	0.4
C-22-25C	FS	1	13	10.11				0.3
C-22-25D	FS	1	13.6	11.81				0.2
C-22-26A	PROX	1	36.06	35.51	32.3	NO	NO	4
C-22-26B	PROX	1	33.8	16.09	21.83	NO	NO	1.6
c-22-26c	PROX	2	18.67	13.8	10.05	NO	NO	0.6
C-22-26D	FS	3	20.18	12.11				0.5
C-22-26E	FS	1	14.33	8.34				0.1
C-22-26F	FS	1	10.94	10.3				0.2
C-22-27	PROX	2	24.84	14.81	11.64	NO	NO	0.6
C-22-28A	PROX	1	45.85	41.33	12.44	N	NO	7.4
C-22-28B	PROX	1	13.88	8.66	3.56	N	NO	0.1
C-22-28C	FS	1	23.62	8.5				0.5
C-22-28D	ANG	2	20.47	16.52				1.2
C-22-29	PROX	1	9.85	8.95	4.34	NO	NO	0.1
C-22-29A*	PROX	1	18.48	7.85	4.47	NO	NO	0.2
C-22-29B*	ANG	2	12.57	10.89				0.3
1	PROX	2	22.2	13.1	2.25	NO	NO	1
2	ANG	1	10.74	8.94				0.5
3	PROX	1	15.75	11.83	1.37	NO	NO	0.4
4	ANG	2	20.09	8.12				0.2
5	PROX	1	13.51	11.74	5.91			0.2
6	FS	2	12.75	11.32				0.3
7	FS	1	8.85	8.54				0.1
8	FS	1	10.46	7.49				0.1
9	PROX	1	13.35	9.2	4.95	NO	NO	0.1
10	FS	4	12.18	8.35				0.1
11	PROX	1	13.3	8.43	3.89	NO	NO	0.1
C-23-1	PROX	3	65.37	56.37	11.54	YES	NO	18.4
C-23-2	PROX	2	89.63	48.52	44.97	YES	NO	134
C-23-3A	PROX	2	64.73	43.22	22.71	YES	NO	30.4
C-23-3B	FS	2	32.91	15.96				2.4
C-23-3C	FS	1	12.54	10				0.1
C-23-3D	FS	2	10.73	6.24				0.2
C-23-3E	ANG	2	14.69	5.93				0.3
C-23-4	PROX	2	48.37	26.4	28.44	YES	NO	11.1
C-23-5A	PROX	2	64.26	43.2	5.7	YES	NO	43.9

C-23-5B	PROX	3	22.86	15.71	8.36	YES	NO	1.5
C-23-5C	ANG	3	35.2	29.96				3.4
C-23-6	ANG	2	34.34	8.71				1.2
C-23-7A	PROX	1	74.47	16.4	12.32	NO	NO	8.6
C-23-7B	PROX	2	26.06	11.41	4.57	NO	NO	0.7
C-23-7C	PROX	1	14.25	6.64	4.15	NO	NO	0.1
C-23-7D	ANG	1	18.14	10.86				0.5
C-23-7E	FS	2	13.16	4.73				0.1
C-23-7F	FS	3	13.29	7.26				0.1
C-23-7G	PROX	1	8.98	7.64	4.82	NO	NO	0.1
C-23-8								
C-23-9A	PROX	1	16.65	10.49	7.24	NO	NO	0.2
C-23-9B	PROX	1	15.7	8.6	4.38	NO	NO	0.2
C-23-9C	PROX	1	10.58	6.37	6.09	NO	NO	0.1
C-23-10A	PROX	2	65.74	45.86	10.8	NO	NO	23.9
C-23-10B	PROX	3	9.94	5.57	9.02	NO	NO	0.2
C-23-11	PROX	2	19.82	6.27	5.72	NO	NO	0.3
C-23-12	PROX	1	57	41.58	30.55	NO	NO	22.7
c-23-13A	PROX	2	84.46	59.59	20.92	YES	NO	78.1
C-23-13B	PROX	1	12.29	11.88	2.49	NO	NO	0.1
C-23-13C	ANG	2	11.87	9.42				0.9
C-23-14A	PROX	2	60.13	24.76	4.52	YES	NO	14
C-23-14B	PROX	2	25.24	21.97	8.9	YES	NO	1.1
C-23-14C	PROX	2	46.75	21.85	2.35	YES	NO	5.5
C-23-14D	FS	2	33.87	13.27				2.2
C-23-14E	PROX	2	17.34	13.04	2.09	YES	NO	0.8
C-23-14F	PROX	2	17.27	13.01	13.18	YES	NO	0.6
C-23-14G	PROX	2	15.59	13.92	2.43	YES	NO	0.4
C-23-15A	PROX	1	37.58	23.86	22	NO	NO	4.1
C-23-15B	FS	1	51.47	33.97				10
C-23-15C	FS	1	29.38	10.97				1
C-23-15D	ANG	2	23.47	11.27				1.5
C-23-15EQ	FS	1	21.48	11.53				0.6
C-23-15F	FS	1	21.62	16.62				1.4
C-23-15G	FS	1	21.865	13.19				0.8
C-23-15H	PROX	2	17.24	7.9	6.19	YES	NO	0.4
C-23-15I	FS	1	13.74	7.47				0.2
C-23-16	PROX	1	46.78	44.35	12.01	NO	NO	15.5
C-23-17A	PROX	2	79.29	38.63	31.56	NO	NO	27.8
C-23-17B	FS	2	16.67	16.54				0.2

C-23-18	PROX	2	77.21	44.61	22.92	YES	NO	62.7
C-23-19	PROX	2	64.91	22.26	21.74	YES	YES	9.2
C-23-20A	PROX	1	13.25	11.6	10.74	NO	NO	0.4
C-23-20B	FS	2	34.59	11.89				1
C-23-21A	PROX	2	18.7	9.88	8.69	YES	NO	0.5
C-23-21B	PROX	2	20.22	16.93	14.27	NO	NO	1
C-23-21C	FS	3	19.2	10.72				0.6
C-23-21D	FS	1	11.59	6.42				0.1
C-23-22A	PROX	1	29.1	12.54	10.26	NO	NO	0.7
C-23-22B	PROX	1	19.68	9.06	7.49	NO	NO	0.5
C-23-22C	FS	1	9.42	8.06				0.1
C-23-22D	FS	1	14.06	6.19				0.1
1	FS	2	18.46	11.38				0.8
2	ANG	1	13.13	7.54				0.3
3	PROX	1	13.54	7.92	5.78	NO	NO	0.1
4	ANG	2	16.53	4.72				0.3
5	FS	1	11.49	8.56				0.1
C-24-1A	PROX	3	47.22	20.51	9.3	YES	NO	3.8
C-24-1B	FS	3	44.97	21.85				3.4
C-24-1C	FS	3	44	24.85				8.5
C-24-1D	PROX	2	21.81	16.23	14.87	YES	NO	1.2
C-24-1E	FS	1	22.06	20.08				2
C-24-1F	PROX	2	20.14	12.62	1.61	NO	NO	0.8
C-24-1G	FS	2	25.49	16.75				1.5
C-24-1H	FS	1	9.75	6.88				0.1
C-24-2A	PROX	2	23.33	14.13	11.93	YES	NO	2.1
C-24-2B	FS	3	48.77	33.87				12
C-24-3	PROX	3	27.92	19.46	6.23	YES	NO	1.5
C-24-4A	PROX	3	22.78	12.81	4.16	NO	NO	0.5
C-24-4B	FS	2	24.42	21.11				1.2
C-24-4C	FS	4	24.05	12.09				0.8
C-24-4D	FS	2	13.37	12.84				0.4
C-24-4E	FS	4	11	7.43				0.2
C-24-5A	PROX	2	15.69	8.09	3.2	YES	NO	0.2
C-24-5B	FS	1	17.53	10.99				0.5
C-24-5C	FS	3	19.75	8.32				0.2
C-24-6	PROX	3	88.3	61.87	31.07	NO	NO	75.3
C-24-7	PROX	2	96.22	46.65	38.91	NO	NO	83.9
C-24-8A	PROX	2	29.51	22.29	15.9	NO	NO	3.1
C-24-8B	PROX	2	25.83	11.53	2.64	NO	NO	1.1
C-24-8C	FS	2	63.39	43.69				20.2

C-24-8D	ANG	3	51.83	17.12				7.5
C-24-8E	FS	1	17.12	10.54				0.6
C-24-8F	ANG	2	15.58	7.02				0.2
C-24-8G	PROX	2	10.01	9.73	2.03	NO	NO	0.1
C-24-8H	ANG	1	10.45	8.03				0.2
C-24-9A	PROX	2	52.46	17.11	13.32	NO	NO	6
C-24-9B	PROX	1	26.92	21.6	18.59	NO	NO	2.3
C-24-9C	FS	2	27.39	14.83				1.1
C-24-9D	PROX	1	29.1	18.01	12.14	NO	NO	1.5
C-24-9E	ANG	1	16.49	9.91				0.7
C-24-9F	FS	1	22.58	11.72				0.9
C-24-9G	FS	1	14.97	10.94				0.4
C-24-9H	FS	1	20.05	9.17				0.5
C-24-9I	PROX	1	24.09	8.71	3.99	NO	NO	0.4
C-24-10A	PROX	2	122.3	62.92	35.61	YES	NO	256.9
C-24-10B	PROX	2	39.2	25.82	12.63	YES	NO	5.2
C-24-10C	FS	2	19.84	8.89				0.4
C-24-11A	PROX	1	36.32	24.36	19.47	NO	NO	2.2
C-24-11B	PROX	1	32.12	24.15	5.57	NO	NO	1.4
C-24-11C	PROX	1	27.82	22.22	10.81	NO	NO	0.8
C-24-11D	FS	1	20.38	13.38				0.4
C-24-11E	FS	1	12.41	11.39				0.2
C-12-12A	PROX	2	71.54	59.77	39.69	NO	NO	42.4
C-12-12B	ANG	2	26.16	13.39				1.2
C-12-13A	PROX	2	37.76	25.79	18.83	YES	NO	5.1
C-12-13B	PROX	1	34.98	13.59				1.4
C-12-14A	PROX	2	55.12	43.77	19.83	YES	NO	29.2
C-12-14B	FS	2	40.05	18.48				2.7
C-12-14C	FS	1	19.73	9.24				0.2
C-12-14D	ANG	2	21.08	11.28				0.5
C-12-15A	PROX	2	52.5	30.99	38.7	YES	NO	24
C-12-15B	FS	1	34.25	19.76				1.8
C-12-15C	ANG	1	19.96	7.03				0.5
C-12-15D	FS	1	13.17	11.97				0.1
C-12-16	PROX	2	79.07	52.77	14.02	NO	NO	89.2
C-12-17A	PROX	2	15.68	10.83	8.81	YES	NO	0.6
C-12-17B	PROX	2	17.3	15.88	8.68	YES	NO	0.8
C-12-17C	FS	2	12.25	8.24				0.3
C-12-18A	PROX	2	27.68	15.38	8.94	YES	NO	1.4
C-12-18B	FS	1	31.4	18.66				1.9
C-12-18C	FS	2	15.17	9.74				0.4

C-12-18D	PROX	2	12.51	7.86	6.22	YES	NO	0.2
C-12-19A	PROX	1	58.16	42.83	38.69	NO	NO	33.2
C-12-19B	PROX	2	30.24	24.32	19.99	YES	NO	5
C-12-19C	FS	1	15.37	5.46				0.2
C-12-20A	PROX	1	16.98	11.46	11.95	NO	NO	0.6
C-12-20B	FS	2	26.57	18.08				1.8
C-12-20C	PROX	1	15.5	10.87	8.63	NO	NO	0.3
C-12-21A	PROX	2	14.42	9.83	5.78	NO	NO	0.4
C-12-21B	FS	1	16.88	15.14				0.5
C-12-21C	FS	1	16	13.53				0.4
C-12-21D	FS	2	15.02	10.64				0.4
1	PROX	2	10.21	8.56	3.08	NO	NO	0.1
2	FS	1	12.1	11				0.1
3	PROX	2	9.67	7.84	2.85	YES	NO	0.1
C-25-1A	PROX	3	71.81	49.44	16.2	YES	NO	38.1
C-25-1B	PROX	3	33.63	13.06	10.69	YES	NO	1.1
C-25-1C	FS	1	15.26	11.33				0.1
C-25-1DA	ANG	3	24.28	22.58				1.8
C-25-1E	PROX	1	25.14	9.31	2.66	NO	NO	0.3
C-25-1F	FS	1	14.17	12.2				0.1
C-25-1G	FS	1	11.39	10.04				0.2
C-25-2A	PROX	3	9.94	8.46	6.43	NO	NO	0.2
C-25-2B	FS	3	14.72	8.91				0.1
C-25-2C	FS	3	11.54	10.31				0.3
C-25-3A	PROX	2	81.64	60.81	22.37	NO	NO	104
C-25-3B	PROX	1	65.74	39.97	10.04	NO	NO	29.4
C-25-3C	FS	1	42.07	17.59				2.4
C-25-3D	ANG	1	40.67	19.88				4.5
C-25-4A	PROX	2	23.89	13.75	10.22	NO	NO	1.2
C-25-4B	FS	2	18.72	6.7				0.2
C-25-4C	PROX	1	19.36	11.15	5.1	NO	NO	0.4
C-25-4D	FS	1	16.98	7.91				0.2
C-25-4E	PROX	1	14.88	12.61	1.58	NO	NO	0.2
C-25-4F	PROX	2	17.57	8.88	3.8	NO	NO	0.3
C-25-4G	FS	2	15.95	6.68				0.3
C-25-4H	ANG	2	11	7.71				0.2
C-25-5A	PROX	2	18.93	7.77	4.83	NO	NO	0.3
C-25-5B	FS	1	29.38	16.43				0.5
C-25-6A	PROX	1	53.74	26.75	26.57	NO	NO	12.7
C-25-6B	PROX	1	35.35	8.25	6.24	NO	NO	0.7
C-25-6C	ANG	1	35.37	15.07				4.2

C-25-7A	PROX	2	38.44	37.67	15.17	YES	NO	7
C-25-7B	FS	2	55.15	35.49				19.5
C-25-7C	FS	1	13.84	7.04				0.3
c-25-8a	PROX	2	30.5	17.81	7.08	YES	NO	5.1
C-25-8B	ANG	2	22.93	10.04				1.5
C-25-9A	PROX	1	28.31	14.21	4.4	NO	NO	0.8
C-25-9B	PROX	1	9.3	8.19	5.64	NO	NO	0.1
C-25-9C	PROX	3	13.58	9.14	9.77	NO	NO	0.3
C-25-9D	PROX	1	8.3	8.69	1.68	NO	NO	0.1
C-25-10A	PROX	2	78.64	39.15	21.34	NO	NO	37.8
C-25-10B	FS	1	12.91	7.78				0.2
C-25-10C	ANG	2	22.81	16.2				1.6
C-25-11A	PROX	1	31.36	26.82	7.16	NO	NO	3.5
C-25-11B	FS	1	11.88	8.29				0.1
C-25-11C	PROX	1	23.54	9.02	8.47	NO	NO	0.7
C-25-11D	FS	1	21.56	12.18				0.3
C-25-12A	PROX	2	101.55	50.98	43.06	NO	NO	80.4
C-25-12B	PROX	2	13.57	12.46	6.48	NO	NO	0.3
c-25-13A	PROX	1	43.37	27.25	24.82	NO	NO	6.2
C-25-13B	PROX	1	12.33	7.4	4.62	NO	NO	0.2
C-25-14A	PROX	1	59.64	28.92	28.27	NO	NO	7.5
C-25-14B	FS	1	44.9	24.77				9.1
C-25-14C	ANG	1	28.36	26.96				4.1
C-25-15A	PROX	1	44.19	23.14	23.15	NO	NO	5.8
C-25-15B	PROX	1	29.35	18.81	9.66	NO	NO	1
C-25-15C	FS	1	18.35	15.05				0.2
C-25-16A	PROX	1	31.73	24.78	15.74	NO	NO	2.9
C-25-16B	PROX	1	20.68	19.83	8.45	NO	NO	1.2
C-25-17	PROX	1	84.24	76.2	34.13	YES	NO	85.1
C-25-18	PROX	1	12.71	12.65	7.56	NO	NO	0.2
C-25-19	PROX	1	50.72	30.04	36.97	NO	NO	10.8
C-25-20A	PROX	2	47.35	39.22	8.24	YES	NO	12.1
C-25-20B	FS	2	24.41	16.34				2.2
C-25-20C	FS	1	18.22	8.59				0.5
C25-20D	ANG	1	19.37	11.33				0.6
c-25-20e	FS	1	18.72	9.17				0.3
C-25-20F	PROX	1	14.99	9.79	5.9	NO	NO	0.4
c-25-20g	FS	1	14.33	7.52				0.3
C-25-20H	FS	1	13.85	7.68				0.2
C-25-20I	PROX	1	9.7	7.73	3.92	NO	NO	0.1
C-25-20J	ANG	2	11.2	5.41				0.2

C-25-21A	PROX	2	90.84	76.33	22.31	NO	NO	96.3
C-25-21B	FS	2	59.9	29.65				18.7
1	FS	1	15.68	11.81				0.6
2	FS	1	14.54	9.62				0.2
3	FS	1	11.45	8.25				0.2
4	FS	1	18.77	6.9				0.3
5	FS	1	11.39	7.68				0.1
6	PROX	2	18.39	9.42	4.24	NO	NO	0.5
7	PROX	2	12.86	8.06	3.86	YES	NO	0.2
8	PROX	3	11.87	11.07	7.52	NO	NO	0.4

Appendix B Full Data Set for Early Stage Bifaces

Flake	Knapper	Type	Cortex	Max D	Max W	Plat Max D	Plat Cortex	Plat Abr	Mass
B-1-1A	1	PROX	2	55.05	36.72	11.12	YES	YES	10.5
B-1-1B	1	PROX	2	37.28	24.08	2.7	NO	NO	3.9
B-11C	1	FS	2	38.63	17.3				2.7
B-1-1D	1	FS	2	63.32	45.68				10.9
B-1-2A	1	PROX	3	97.61	75.66	49.14	YES	NO	81
B-1-2B	1	FS	1	19.5	16.39				0.4
B-1-2C	1	ANG	3	27.45	16.39				1.9
B-1-3A	1	PROX	2	94.07	53.3	28.82	YES	NO	54.2
B-1-3B	1	ANG	2	22.51	14.88				1.3
B-1-3C	1	FS	1	14.02	9.51				0.2
B-1-3D	1	PROX	2	10.85	8.13	1.52	YES	NO	0.2
B-1-4A	1	PROX	2	47.29	33.32	16.47	YES	YES	9.4
B-1-4B	1	PROX	2	52.5	50.7	34.38	YES	NO	7.2
B-1-4C	1	PROX	2	8.88	7.96	5.81	YES	NO	0.1
B-1-4D	1	FS	1	8.64	7.55				0.1
B-1-5A	1	PROX	2	30.73	28.88	12.98	YES	NO	3.8
B-1-5B	1	PROX	1	22.76	19.7	3.36	NO	YES	1.1
B-1-5C	1	PROX	1	13.07	9.44	3.02	NO	NO	0.1
B-1-6	1	PROX	3	75.88	42.97	32.95	YES	NO	51.4
B-1-7a	1	PROX	1	21.05	19.71	13.18	NO	YES	1.2
B-1-7B	1	FS	1	30.29	13.39				1.2
B-1-8A	1	PROX	1	35.69	19.91	2.99	NO	NO	1.3
B-1-8B	1	PROX	1	21.68	17.82	8	NO	YES	1.1
B-1-8C	1	FS	1	19.61	14.32				1.1
B-1-8D	1	FS	1	19.67	16.05				0.4
B-1-8E	1	PROX	1	13.25	9.8	2.48	NO	NO	0.1
B-1-9	1	PROX	2	55.02	28.15	28.15	NO	NO	8.8
B-1-10A	1	PROX	2	22.7	14.13	1.45	NO	NO	1
B-1-10B	1	ANG	2	12.48	6.7				0.3
B-1-11A	1	PROX	2	31.79	14.28	7.1	NO	NO	1.7
B-1-11B	1	ANG	2	28.11	19.84				1.5
B-1-11C	1	FS	2	16.5	11.81				0.3
B-1-11D	1	FS	2	15.71	13.38				0.2
B-1-11E	1	FS	1	13.21	12.4				0.2
B-1-11F	1	FS	2	13.89	10.19				0.1

B-1-11G	1	FS	2	17.47	7.42				0.2
B-1-11H	1	FS	1	12.79	8.45				0.1
B-1-11I	1	FS	2	11.2	7.95				0.2
B-1-11J	1	FS	1	12.42	7.63				0.1
b-1-12a	1	PROX	2	52.43	29.02	24.24	NO	YES	13.9
b-1-12b	1	FS	1	10.78	8.89				0.1
B-1-13A	1	PROX	2	32.63	17.29	6.6	NO	NO	1.3
B-1-13B	1	PROX	2	31.46	21.3	8.16	NO	YES	2.2
B-1-14	1								
B-1-15	1								
B-1-16A	1	PROX	2	41.48	36.02	20.07	YES	NO	5.1
B-1-16B	1	FS	1	17.46	7.8				0.1
B-1-17A	1	PROX	2	28.7	21.66	19.41	YES	NO	2.4
B-1-17B	1	FS	1	28.69	20.5				1.2
B-1-18A	1	PROX	1	33.63	25.1	3.46	NO	NO	1.8
B-1-18B	1	ANG	1	30.58	8.61				0.5
B-1-18C	1	FS	1	24.08	12.88				0.4
B-1-18D	1	FS	1	20.84	11.32				0.4
B-1-18E	1	FS	1	16.79	9.08				0.1
B-1-19A	1	PROX	2	26.88	20.9	16.13			1.9
B-1-19B	1	FS	1	15.57	9.66				0.3
B-1-19C	1	FS	1	17.28	9.07				0.2
B-1-19D	1	PROX	2	13.48	11.64	7.86	NO	NO	0.4
B-1-20	1								
B-1-21A	1	PROX	2	28.6	16.27	20.47	NO	NO	1.6
B-1-21B	1	FS	2	49.61	13.25				3.6
B-1-22	1	PROX	2	75.08	38.01	6.92	NO	NO	13.1
B-1-23	1	PROX	2	43.57	18.66	9.42	NO	NO	3.1
B-1-24	1	PROX	1	23.41	15.2	4.45	NO	NO	1.1
B-1-25	1	PROX	2	65.52	45.93	29.64	YES	NO	28.3
B-1-26A	1	PROX	1	43.43	31.66	6.27	NO	NO	5.8
B-1-26B	1	PROX	1	32.91	18.26	16.12	NO	NO	1.5
B-1-26C	1	FS	1	40.47	26.08				1.5
B-1-26D	1	PROX	1	118.9	16.29	7.84	NO	NO	0.6
B-1-26E	1	FS	1	15.3	10.32				0.1
B-1-27A	1	ANG	2	37.83	17.61				2.7
B-1-27B	1	FS	1	53.99	33.4				4.8
B-1-27C	1	FS	1	15.8	12.64				0.2
B-1-28A	1	PROX	2	13.12	11.46	9.27	YES	no	0.4
b-1-28b	1	FS	1	20.94	18.23				0.4
B-1-28C	1	FS	1	14.11	12.87				0.2

B-1-29	1	FS	1	20.54	14.94				0.6
B-1-30	1	FS	1	18.77	15.22				0.3
B-1-31A	1	PROX	2	28.54	15.84	10.81	YES	NO	0.8
B-1-31B	1	FS	2	17.14	6.83				0.2
B-1-32	1	PROX	2	30.51	13.7	3.92	YES	NO	1.1
B-1-33A	1	FS	1	21.3	17.99				0.3
B-1-33B	1	FS	1	16.03	8.56				0.2
B-1-33C	1	ANG	1	17.2	11.87				0.4
B-1-34A	1	PROX	2	61.63	31.14	24.39	YES	YES	10.2
B-1-34B	1	PROX	2	33.04	19.25	12.16	YES	YES	1.5
B-1-35	1	PROX	3	23.32	16.71	7.84	YES	NO	1.5
B-1-36		PROX	2	36.84	12.52	4.46	NO	NO	0.8
B-1-37A	1	PROX	2	45.85	27.05	23.27	NO	YES	4.3
B-1-37B	1	PROX	2	12.65	11.87	7.79	YES	NO	0.4
B-1-37C	1	PROX	1	13.47	8.79	2.64	NO	NO	0.2
B-1-38A	1	FS	2	19.73	11.25				0.7
B-1-38B	1	FS	2	12.71	11.91				0.5
B-1-39A	1	FS	1	26	11.56				0.6
B-1-39B	1	FS	1	24.65	15.01				0.5
1	1	PROX	1	20.9	16.83	11.11	NO	NO	0.8
2	1	PROX	1	14.28	12.75	6.19	NO	NO	0.3
3	1	FS	2	16.2	14.76				1
4	1	ANG	3	13.72	12.19				0.4
5	1	FS	1	24.28	12.54				0.4
6	1	FS	2	16.12	9.88				0.3
7	1	PROX	2	15.75	13.14	2.95	NO	NO	0.5
8	1	PROX	2	23.42	11.59	4.41	NO	NO	0.5
9	1	ANG	2	13.94	9.28				0.3
10	1	FS	1	15.23	12.43				0.4
11	1	PROX	1	14.89	14.73	7.95	NO	NO	0.3
12	1	PROX	1	15.41	11.59	3.13	NO	NO	0.2
13	1	ANG	3	13.21	7.69				0.2
14	1	PROX	1	13.05	9.76	3.29	NO	NO	0.2
15	1	FS	1	20.64	9.73				0.3
16	1	FS	1	12.7	12.57				0.1
17	1	FS	1	15.47	11.43				0.2
18	1	FS	1	16.57	8.17				0.2
19	1	FS	1	13.87	9.74				0.2
20	1	FS	1	15.26	13.42				0.2
21	1	FS	1	14.35	13				0.2
22	1	FS	2	11.17	7.46				0.1

23	1	FS	2	15.79	11.66				0.4
24	1	FS	2	12.11	8.43				0.1
25	1	FS	1	11.82	9.14				0.2
26	1	FS	2	10.43	9.05				0.1
27	1	PROX	1	10.42	9.92	3.4	NO	NO	0.1
28	1	PROX	1	10.74	9.82	2.46	NO	NO	0.1
29	1	FS	1	12.21	11.24				0.1
30	1	FS	1	12.18	8.83	0.1	NO	NO	0.1
31	1	PROX	1	10.67	8.59	2.54	NO	NO	0.1
32	1	PROX	2	9.4	7.95	3.09	YES	NO	0.1
33	1	PROX	1	11.13	9.34	2.71	NO	NO	0.1
34	1	FS	1	10.09	8.23				0.1
35	1	PROX	1	11.42	9.08	5.62	NO	NO	0.1
35	1	PROX	1	8.61	8.03	2.13	NO	NO	0.1
36	1	FS	2	9.73	9.73				0.1
B-2-1A	1	ANG	3	123.5	46.91				103.9
B-2-1B	1	FS	2	41.83	20.16				6.2
B-2-2A	1	PROX	1	20	14.24	1.66	NO	NO	0.8
B-2-2B	1	ANG	1	14.36	9.75				0.3
B-2-3	1	PROX	3	58.77	40.19	31.54	NO	YES	13.2
B-2-4	1	FS	1	26.03	19.53				0.5
B-2-5A	1	FS	2	26.98	11.89				0.8
B-2-5B	1	PROX	1	23.32	19.43	19.99	NO	NO	2
B-2-6		PROX	2	37.24	37.08	12.92	NO	NO	6.6
B-2-7	1	PROX	2	39.38	18.05	13.47	NO	YES	5.4
B-2-8A	1	PROX	2	57.55	22.84	8.46	YES	NO	10
b-2-8b	1	FS	2	28.11	10.32				0.5
B-2-8C	1	FS	1	21.21	11.58				0.4
B-2-8D	1	PROX	1	15.73	10.46	10.4	NO	NO	0.3
B-2-8E	1	FS	1	10.34	5.11				0.1
B-2-9A	1	PROX	3	40.5	23.88	12.74	NO	YES	2.6
B-2-9B	1	PROX	2	18.89	11.23	3	NO	NO	0.3
B-2-10A	1	PROX	1	21.85	10.12	1.42	NO	NO	0.4
B-2-10B	1	ANG	1	18.93	7.51				0.6
B-2-11A	1	PROX	2	30.48	18.02	7.27	YES	NO	1.2
B-2-11B	1	FS	2	17.87	10.27				0.4
B-2-11C	1	FS	2	12.87	9.06				0.2
B-2-11D	1	FS	2	13.72	12.48				0.3
B-2-11E	1	ANG	1	12.06	9.17				0.2
b-2-11F	1	PROX	2	12.48	7.66	2.62	YES	NO	0.1
B-2-12	1	PROX	4	68.97	59.22	17.03	NO	YES	21.19

B-2-13A	1	PROX	3	70.93	56.09	35.27	YES	NO	20.5
B-2-13B	1	PROX	1	37.42	20.92	3.4	NO	NO	1.8
B-2-13C	1	ANG	1	26.29	17.2				2.4
B-2-14	1	PROX	2	60.82	39.77	31.64	YES	NO	12.6
B-2-15A	1	PROX	2	30.48	30.15	16.02	YES	YES	3.7
B-2-15B	1	FS	1	34.23	23.36				2.3
B-2-15C	1	FS	2	39.92	22.05				2.7
B-2-15D	1	FS	2	24.5	9.78				0.6
b-2-16a	1	PROX	3	48.27	26.25	2.14	NO	NO	6
B-2-16B	1	PROX	2	21.14	14.83	9.68	NO	NO	1.5
B-2-17	1	FS	2	17.64	8.95				0.2
B-2-18	1	PROX	2	32.94	20.48	6.02	NO	NO	3.2
B-2-19A	1	PROX	2	20.86	11.96	8.94	NO	NO	1.1
B-2-19B	1	PROX	2	15.96	15.44	4.5	NO	NO	0.4
B-2-19C	1	FS	3	25.92	16.78				1.2
B-2-20A	1	PROX	2	55.63	33.34	7.82	NO	YES	7.2
B-2-20B	1	FS	2	32.05	23.56				1.5
B-2-20C	1	FS	1	14.49	5.75				0.1
B-2-20D	1	PROX	1	13.47	11.81	7.78	NO	NO	0.4
B-2-21A	1	PROX	1	26.2	14.75	4.64	NO	NO	0.9
B-2-21B	1	ANG	1	12.93	5.64				0.1
B-2-22A	1	PROX	3	76.51	45.35	21.12	NO	NO	11.7
B-22-2B	1	FS	3	15.68	9.04				0.1
B-2-23	1	PROX	2	62.76	47.28	12.13	NO	YES	12.5
B-2-24	1	PROX	1	28.09	16.86	9.08	NO	NO	1.6
B-2-25A	1	PROX	1	14.84	13.73	8.18	NO	NO	0.3
B-2-25B	1	FS	1	19.13	10.32				0.2
B-2-26A	1	PROX	2	19.5	12.74	5.01	NO	NO	0.6
B-2-26B	1	FS	2	36.43	15.12				2.2
B-2-27	1	PROX	2	26.79	16.19	10.84	NO	NO	2.2
B-2-28	1	FS	2	45.24	30.5				4.7
B-2-29A	1	PROX	2	40.68	31.74	3.31	NO	YES	4.8
B-2-29B	1	FS	1	18.89	8.89				0.2
B-2-30A	1	PROX	2	25.05	17.39	10.92	NO	YES	1.1
B-2-30B	1	FS	1	23.43	19.7				0.6
B-2-31	1								
B-2-32	1	PROX	2	38.43	35.53	7.19	NO	NO	5.3
B-2-33A	1	PROX	2	16.53	15.52	14.06	NO	NO	0.8
B-2-33B	1	FS	2	22.88	15.81				0.7
B-2-33C	1	PROX	1	16.78	9.88	3.37	NO	NO	0.3
B-2-33D	1	FS	1	14.92	10.78				0.1

B-2-34	1	PROX	1	30.69	27.68	11.86	NO	YES	2.1
B-2-35	1	PROX	1	20.74	12.1	1.99	NO	YES	0.6
B-2-36A	1	PROX	2	34.91	23.59	1.38	NO	NO	2.6
B-2-36B	1	PROX	2	20.34	19.44	5.29	NO	YES	0.7
B-2-36C	1	PROX	2	20.26	18.88	5.57	NO	YES	0.8
B-2-37A	1	PROX	1	26.18	16.11	6.03	NO	YES	0.9
B-2-37B	1	PROX	1	24.05	12.72	5.23	NO	NO	0.5
B-2-37C	1	PROX	1	20.06	8.33	2.99	NO	NO	0.3
B-2-38A	1	PROX	2	19.69	13.82	2.34	NO	NO	0.6
B-2-38B	1	FS	1	23.11	15.49				0.4
B-2-38C	1	FS	2	30.94	8.77				0.8
B-2-39	1	FS	1	23.47	14.17				0.7
B-2-40A	1	PROX	2	24.19	20.48	17.83	NO	NO	2.6
B-2-40B	1	FS	2	27.4	16.3				1.5
B-2-41	1	PROX	3	21.17	13.02	6.88	NO	NO	0.8
B-2-42A	1	PROX	3	49.5	31.05	21.15	NO	NO	10.4
B-2-42B	1	FS	3	32.49	10.48				1.2
B-2-42C	1	FS	1	19.44	11.53				0.5
B-2-42D	1	FS	3	15.35	11.61				0.2
B-2-43	1	PROX	1	26.76	12.3	4.16	NO	YES	0.5
B-2-44	1	PROX	1	16.72	12.18	6.04	NO	NO	0.3
B-2-45	1	PROX	2	21.69	15.9	11.17	NO	YES	1
B-2-46A	1	PROX	2	33.07	14.83	22.52	NO	YES	2.6
B-2-46B	1	FS	2	43.86	25.06				4.5
B-2-46C	1	FS	1	20.35	8.36				0.3
B-2-47	1	PROX	1	18.13	15.42	4.05	NO	NO	0.6
B-2-48A	1	PROX	1	24.31	12.38	13.25	NO	NO	0.4
B-2-48B	1	FS	1	24.38	15.42				0.8
B-2-49A	1	PROX	2	36.67	18.21	15.66	NO	NO	2.5
B-2-49B	1	FS	2	32.78	16.66				2
B-2-49C	1	PROX	1	22.15	15.2	4.26	NO	NO	0.5
B-249D	1	PROX	1	25.42	15.26	3.37	NO	NO	0.8
1	1	PROX	1	18.03	11.99	2.59	NO	NO	0.5
2	1	PROX	1	20.01	11.8	5.65	NO	YES	0.3
3	1	PROX	2	21.89	15.84	15.65	NO	NO	0.9
4	1	PROX	1	17.98	8.33	2.75	NO	NO	0.2
5	1	PROX	1	15.6	12.9	2.98	NO	YES	0.3
6	1	PROX	1	18.37	13.34	6.46	NO	NO	0.4
7	1	PROX	1	13.45	11.91	8.7	NO	YES	0.3
8	1	PROX	1	14.11	12	8.69	NO	NO	0.3
9	1	PROX	1	10.9	10.27	5.35	NO	NO	0.1

10	1	FS	2	12.77	9.86				0.2
11	1	PROX	1	23.12	10.67	1.89	NO	NO	0.5
12	1	FS	2	20.56	11.99				0.3
13	1	FS	1	19.12	9.94				0.2
14	1	FS	2	20.86	6.93				0.2
15	1	PROX	1	12.78	7.94	4.8	NO	NO	0.1
16	1	FS	1	12.65	8.89				0.1
17	1	FS	2	16.38	8.82				0.2
18	1	FS	2	11.7	8.89				0.1
19	1	FS	2	12.99	9.69				0.1
20	1	FS	2	12.04	10.61				0.1
21	1	FS	1	11.46	8.32				0.2
22	1	FS	1	14.3	9.5				0.2
23	1	ANG	2	12.6	9.28				0.1
24	1	FS	1	13.19	8.55				0.1
25	1	FS	1	14.8	8.79				0.3
26	1	ANG	1	14.21	8.7				0.4
27	1	PROX	1	14.06	11.87	3.95	NO	NO	0.1
28	1	PROX	1	13.46	9.92	1.67	NO	NO	0.2
29	1	PROX	1	12.68	8.25	4.1	NO	NO	0.2
30	1	PROX	1	16.75	8.79	1.72	NO	NO	0.3
31	1	PROX	1	15.79	9.17	2.39	NO	NO	0.4
32	1	FS	3	11.16	9.55				0.1
33	1	PROX	1	11.42	7.68	2.62	NO	YES	0.1
34	1	FS	1	11.54	9.93				0.1
35	1	FS	2	9.81	9.16				0.1
36	1	PROX	2	12.12	8.89	2.52	NO	NO	0.1
37	1	FS	3	15.36	9.32				0.1
38	1	FS	2	11.01	9.74				0.1
39	1	FS	2	11.69	8.65				0.1
40	1	PROX	1	13.33	10.86	5.23	NO	NO	0.2
41	1	PROX	1	13.77	9.8	3.19	NO	NO	0.2
42	1	PROX	1	12.32	8.8	4.71	NO	NO	0.3
43	1	PROX	1	12.97	9.22	6.82	NO	NO	0.3
44	1	FS	4	9.95	9.94				0.2
45	1	PROX	1	14.15	8.31	6.23	NO	NO	0.3
46	1	PROX	1	10.73	10.49	2.25	NO	NO	0.3
47	1	PROX	1	14.53	8.45	3.08	NO	NO	0.4
48	1	PROX	2	12.72	10.15	5.14	NO	NO	0.5
B-3-1A	1	PROX	2	23.28	13.26	3.63	NO	NO	1.2
B-3-2A	1	FS	2	19.44	11.78				0.6

B-3-2	1								
B-3-3A	1	PROX	2	37.25	16.98	17.52	YES	NO	4.7
B-3-3B	1	FS	2	21.9	16				1.1
B-3-3C	1	FS	1	20.18	11.56				0.4
B-3-4A	1	PROX	3	29.46	14.81	10.45	NO	YES	0.7
B-3-4B	1	PROX	1	15.82	13.07	9.6	YES	NO	0.4
B-3-5	1	PROX	2	21.57	21.11	1.01	NO	NO	0.9
B-3-6A	1	PROX	2	30.04	19.22	13.08	NO	NO	2.8
B-3-6B	1	FS	2	36.15	18.35				2.3
B-3-6C	1	FS	1	22.56	12.06				0.6
B-3-6D	1	PROX	1	22.94	17.62	2.5	NO	NO	0.7
B-3-7	1								
B-3-8A	1	PROX	1	32.99	28.68	13.75	NO	YES	3.3
B-3-8B	1	FS	1	25.07	9.78				1.1
B-3-9	1	PROX	2	76.85	33.46	8.09	YES	YES	18.8
B-3-10	1	PROX	1	33.97	17.23	12.88	NO	YES	3.2
B-3-11A	1	PROX	1	27.56	13.81	13.53	NO	YES	1.2
B-3-11B	1	PROX	1	19.32	8.98	8.49	NO	YES	0.5
B-3-12	1								
B-3-13	1	PROX	2	51.37	29.89	23.66	YES	NO	5.8
B-3-14A	1	PROX	2	45.24	34.24	25.38	YES	NO	7.2
B-3-14B	1	PROX	2	36.79	27.77	16.59	YES	NO	2.5
B-3-14C	1	PROX	2	25.37	15.88	5.46	NO	NO	0.9
B-3-14D	1	FS	2	23.24	13.5				0.7
B-3-14E	1	FS	1	24.64	15.96				0.5
B-3-14F	1	PROX	2	15.85	12.25	3.83	YES	YES	0.4
B-3-14G	1	FS	1	16.53	11.86				0.2
B-3-14H	1	FS	1	12.81	10.17				0.2
B-3-15	1	PROX	2	36.65	25.31	21.41	YES	NO	3.9
B-3-16A	1	PROX	2	21.98	21.69	7.17	NO	NO	1.3
B-3-16B	1	ANG	2	75.19	27.99				12.3
B-3-17	1	PROX	1	80.35	12.43	3.69	NO	NO	2.5
B-3-18	1	PROX	1	42.86	25.77	3.75	NO	NO	2.4
B-3-19	1	PROX	1	17.86	12.16	6.11	NO	NO	0.5
B-3-20	1	PROX	1	26.55	11.85	5.52	NO	NO	0.6
B-3-21	1								
B-3-22A	1	PROX	2	21.58	13.12	13	NO	NO	0.2
B-3-22B	1	PROX	2	20.73	8.77	12.96	NO	NO	0.1
B-3-22C	1	PROX	2	13.97	6.85	9.74	NO	NO	0.1
B-3-23A	1	PROX	2	13.62	13.2	1.24	NO	NO	0.2
B-3-23B	1	FS	3	29.89	11.75				0.6

B-3-24	1	PROX	2	26.64	8.92	19.82	YES	NO	0.5
B-3-25	1	PROX	2	25.13	22.47	3.9	NO	YES	1
B-3-26A	1	PROX	2	19.22	14.12	3.43	NO	NO	0.6
B-3-26B	1	FS	2	15.01	7.33				0.2
B-3-27	1	PROX	2	54.3	31.41	6.45	NO	YES	10
B-3-28	1	PROX	1	30.14	18.83	5.25	NO	NO	0.8
B-3-29A	1	FS	1	22.43	12.25				0.3
B-3-29B	1	FS	1	35.86	15.8				0.9
B-3-30	1	PROX	1	37.27	19.32	4.36	NO	NO	1.3
B-3-31A	1	FS	1	35.47	18.83				1.4
B-3-31B	1	FS	1	13.73	12				0.4
B-3-31C	1	FS	1	16.11	11.85				0.3
B-3-31D	1	FS	1	9.23	7.53				0.1
B-3-31E	1	PROX	1	11.67	8.58	3.25	NO	NO	0.1
B-3-31F	1	FS	1	12.19	7.07				0.1
B-3-32A	1	PROX	1	20.24	19.42	1.77	NO	NO	0.9
B-3-32B	1	FS	1	21.3	16.03				0.6
B-3-33A	1	PROX	1	26.45	18.65	2.75	NO	NO	1.1
B-3-33B	1	FS	1	19.23	8.44				0.2
B-3-34	1	PROX	2	14.23	13.04	4.58	YES	NO	0.3
B-3-35	1								
B-3-36A	1	FS	1	23.38	15.29				0.8
B-3-36B	1	FS	1	13.31	13.25				0.2
B-3-36C	1	FS	1	16.77	11.28				0.2
B-3-37A	1	PROX	1	31.07	30.94	2.82	NO	NO	2.1
B-3-37B	1	FS	1	39.51	22.2				1.5
B-3-38A	1	PROX	1	42.72	28.72	11.29	NO	YES	2.9
B-3-38B	1	FS	1	28.74	25.88				1.6
B-3-38C	1	FS	1	29.09	26.32				1.6
B-3-39A	1	PROX	1	16.3	16.02	4.07	NO	NO	0.5
B-3-39B	1	FS	1	29.07	17.33				0.8
B-3-39C	1	FS	1	20.29	8.67				0.2
B-3-40	1	PROX	1	29.07	15.16	4.49	NO	NO	1
B-3-41	1	PROX	1	45.74	21.23	18.83	NO	YES	3.3
B-3-42A	1	PROX	1	16.54	12.43	7.95	NO	NO	0.5
B-3-42B	1	FS	1	23.04	13.41				0.9
B-3-42C	1	FS	1	47.28	20.12				3.4
B-3-43	1	PROX	1	15.42	14.95	5.29	NO	NO	0.3
B-3-44	1	PROX	1	13.99	12.61	8.9	NO	NO	0.2
B-3-45	1	PROX	1	20.32	16.04	5.45	NO	NO	0.5
B-3-46	1	PROX	1	15.13	10.69	3.95	NO	NO	0.2

1	1	PROX	2	24.96	11.68	8.37	YES	NO	0.5
2	1	FS	1	19.7	11.96				0.5
3	1	FS	2	15.15	11.58				0.2
4	1	PROX	1	13.56	13.29	8.56	NO	YES	0.2
5	1	FS	2	17.15	10.82				0.4
6	1	PROX	2	21.42	11.48	10.25	NO	NO	0.5
7	1	PROX	1	16.35	13	5.96	NO	NO	0.6
8	1	PROX	2	18.85	11.48	5.46	NO	NO	0.3
9	1	PROX	1	10.01	9.4	8.9	NO	NO	0.1
10	1	FS	1	14.65	14.28				0.3
11	1	FS	1	11.8	9.02				0.2
12	1	FS	1	11.98	9.04				0.5
13	1	FS	1	14.26	8.56				0.3
14	1	PROX	1	14.51	8.63	4.22	NO	NO	0.4
15	1	FS	1	18.32	9.57				0.2
16	1	PROX	1	12.4	9.79	6.49	NO	NO	0.1
17	1	PROX	1	10.74	8.48	2.48	NO	NO	0.1
18	1	PROX	1	12.9	11.57	3.31	NO	NO	0.2
19	1	PROX	1	12.56	12.55	1.35	NO	NO	0.2
20	1	FS	1	14.06	9.42				0.1
21	1	PROX	1	12.69	10.56	1.52	NO	NO	0.2
22	1	PROX	1	16.7	10.35	14.81	NO	NO	0.2
23	1	FS	1	11.58	10.06				0.2
24	1	PROX	2	12.7	8.09	3.17	NO	NO	0.2
25	1	FS	1	10.26	8.61				0.2
26	1	FS	1	11.27	10.06				0.2
27	1	PROX	1	11.44	10	4.08	NO	NO	0.1
28	1	FS	2	10.65	9.62				0.1
29	1	FS	2	15.32	6.36				0.1
30	1	PROX	1	12.74	7.81	1.68	NO	NO	0.1
31	1	PROX	1	11.29	9.06	4.49	NO	NO	0.1
32	1	PROX	1	9.46	8.32	6.08	NO	NO	0.1
B-6-1	2	PROX	2	36.6	23.5	4.8	YES	NO	3.6
B-6-2	2	PROX	3	24.16	11.06	2.38	NO	NO	0.7
B-6-3A	2	FS	2	35.68	17.58				1.2
B-6-3B	2	FS	2	13.78	9.65				0.2
B-6-3C	2	PROX	2	11.94	9.72	2.99	NO	NO	0.2
B-6-4A	2	PROX	2	12.65	8.58	3	YES	NO	0.1
B-6-4B	2	PROX	2	13.05	7.02	2.29	YES	NO	0.1
B-6-5A	2	PROX	2	43.2	23.71	16.8	YES	NO	2.1
B-6-5B	2	PROX	2	24.4	19.44	9.82	YES	NO	1

B-6-5C	2	PROX	2	25.18	18.16	5.99	YES	NO	0.7
B-6-6	2								
B-6-7A	2	PROX	2	51.59	33.36	12.7	YES	NO	6.6
B-6-7B	2	PROX	2	16.29	14.86	8.27	YES	NO	0.2
B-6-8A	2	PROX	2	16.45	14.19	4.47	YES	NO	0.3
B-6-8B	2	PROX	2	32.04	18.58	5.67	YES	NO	0.9
B-6-8C	2	ANG	2	17.07	7.12				0.2
B-6-8D	2	FS	1	24.55	11.49				0.3
B-6-8E	2	FS	1	15.63	12.42				0.2
B-6-9	2	PROX	2	38.39	19.72				3.1
B-6-10	2	PROX	2	22.28	17.97	15.12	YES	NO	1.2
B-6-11A	2	PROX	3	16.66	9.01	3.71	NO	NO	0.5
B-6-11B	2	FS	2	18.17	15.98				0.7
B-6-11C	2	PROX	2	17.51	8.66	3.19	NO	NO	0.3
B-6-11D	2	PROX	2	16.27	8.37	1.55	NO	NO	0.1
B-6-12A	2	PROX	2	46.52	29.28	8.02	NO	NO	5.7
B-6-12B	2	PROX	2	20.27	14.43	4.1	YES	NO	0.6
B-6-12C	2	FS	2	15.35	9.96				0.2
B-6-13	2								
B-6-14A	2	PROX	2	13.48	7.46	4.89	YES	NO	0.1
B-6-14B	2	PROX	2	13.38	8.36	3.65	NO	NO	0.2
B-6-14C	2	FS	1	12.32	9.95				0.1
B-6-15A	2	PROX	2	20.22	16.54	13.08	YES	NO	0.6
B-6-15B	2	PROX	2	19.14	15.7	5.4	NO	NO	0.4
B-6-15C	2	FS	2	13.88	10.89				0.1
B-6-15D	2	FS	1	19.77	12.18				0.2
B-6-15E	2	FS	1	13.04	7.5				0.2
B-6-16	2	PROX	2	17.92	11.82	9.66	YES	NO	0.5
B-6-17A	2	PROX	2	15.83	10.58	9.31	NO	NO	0.2
B-6-17B	2	FS	1	13.62	7.56				0.2
B-6-17C	2	FS	2	9.27	8.14				0.2
B-6-18A	2	PROX	1	26.94	22.03	2.7	NO	NO	1.2
B-6-18B	2	PROX	1	10.79	8.78				0.1
B-6-19A	2	PROX	1	29.01	25.77	17.1	NO	NO	2.7
B-6-19B	2	PROX	1	16.47	13.75	3.16	NO	NO	0.4
B-6-20A	2	PROX	1	29.96	25.36	8.73	NO	NO	1.1
B-6-20B	2	PROX	1	14.26	11.08	2.18	NO	NO	0.2
B-6-21A	2	PROX	2	42.66	24.73	7.79	NO	NO	5.4
B-6-21B	2	PROX	2	39.61	27.25	17.76	NO	NO	1.9
B-6-21C	2	PROX	1	13.21	8.78	2.33	NO	NO	0.2
B-6-22A	2	PROX	2	32.11	21	20	YES	NO	3.4

B-6-22B	2	FS	2	45.29	22.09				4.8
B-6-22C	2	PROX	1	14.95	8.7	5.69	NO	NO	0.2
B-6-22D	2	FS	1	36.56	7.96				0.4
B-6-23A	2	PROX	2	45.7	29.82	10.28	NO	NO	6.7
B-6-23B	2	PROX	2	27.33	17.29	4.56	NO	NO	2.3
B-6-23C	2	PROX	2	13.83	5.73	1.23	NO	NO	0.1
B-6-23D	2	FS	2	13.96	5.91				0.3
B-6-24A	2	PROX	3	55.08	44.13	18.92	NO	NO	36.1
B-6-24B	2	PROX	2	18.02	13.53	8.28	NO	NO	0.5
B-6-24C	2	ANG	2	16.19	6.41				0.1
B-6-25A	2	PROX	2	37.57	28.96	8.52	NO	NO	2.7
B-6-25B	2	PROX	1	12.61	10.31	7.2	NO	NO	0.2
B-6-25C	2	FS	2	28.93	9.17				0.2
B-6-25D	2	PROX	2	19.39	8.93	8.99	NO	NO	0.3
B-6-26	2	PROX	2	54.8	22.7	4.08	YES	NO	8.1
B-6-27A	2	PROX	4	12.14	10.78	5.86	NO	NO	0.2
B-6-27B	2	FS	3	9.08	9.03				0.2
B-6-28A	2	PROX	2	39.72	30.07	5.08	NO	YES	2.4
B-6-28B	2	FS	2	39.9	10.63				1
B-6-28C	2	PROX	2	17.22	10.28	3.83	NO	YES	0.3
B-6-28D	2	PROX	2	12.46	9.55	6.58	NO	NO	0.1
B-6-28E	2	PROX	1	9.05	7.3	2.16	NO	NO	0.1
B-6-29	2	PROX	2	20.33	14.85	6.49	NO	NO	1
B-6-30	2	PROX	2	32.58	22.62	5.82	YES	NO	1.8
B-6-31A	2	PROX	2	17.79	16.28	4.89	NO	NO	0.7
B-6-31B	2	PROX	2	12.09	8.3	4.19	YES	NO	0.1
B-6-31C	2	PROX	1	12.61	8.95	6.29	NO	NO	0.1
B-6-31D	2	FS	1	16.33	9.8				0.3
B-6-32A	2	PROX	2	47.38	32.74	11.54	NO	NO	6.2
B-6-32B	2	PROX	2	12.98	10.5	7.9	NO	NO	0.5
B-6-33C	2	PROX	1	17.66	10.56	3.21	NO	NO	0.4
B-6-33D	2	PROX	1	11.47	10.05	2.86	NO	NO	0.2
B-6-33E	2	PROX	2	15.97	12.17	7.65	YES	NO	0.5
B-6-34A	2	PROX	2	20.71	13.75	8.16	NO	NO	0.6
B-6-34B	2	PROX	3	15.16	9.71	4.7	NO	NO	0.2
B-6-34C	2	FS	1	11.35	6.59				0.1
B-6-34D	2	FS	3	17.16	8.72				0.2
B-6-35	2	PROX	2	59.96	39.93	29.76	NO	NO	17.5
B-6-36A	2	PROX	2	36.35	28.05	21.12	NO	NO	4
B-6-36B	2	PROX	2	22.11	14.05	20.46	NO	NO	0.7
B-6-36C	2	FS	1	15.53	8.78				0.1

B-6-37	2	PROX	1	29.03	28.05	18.83	NO	NO	2
B-6-38A	2	PROX	1	29.99	27.12	21.86	NO	NO	2
B-6-38B	2	PROX	1	24.71	22.61	20.91	NO	NO	1.8
B-6-39A	2	PROX	2	26.67	24.25	11.4	YES	NO	2.8
B-6-39B	2	PROX	2	37.19	21.86	12.34	YES	NO	3.1
B-6-39C	2	PROX	2	18.25	14.41	7.35	YES	NO	0.5
B-6-39D	2	PROX	2	16.4	12.03	6.34	YES	NO	0.5
B-6-39E	2	PROX	2	14.58	11.26	12.13	YES	NO	0.3
B-6-39F	2	PROX	2	13.37	9.37	13.37	YES	NO	0.2
B-6-40A	2	PROX	2	15.92	8.14	5.75	YES	NO	0.4
B-6-40B	2	PROX	2	10.77	6.44	6.54	YES	NO	0.1
B-6-40C	2	FS	1	26.38	6.16				0.3
B-6-40D	2	ANG	1	44.21	6.09				0.9
B-6-40E	2	ANG	2	13.74	12.52				0.6
B-7-1A	2	PROX	3	49.01	44.5	26.52	YES	NO	31.3
B-7-1B	2	FS	2	24.98	12.66				0.7
B-7-1C	2	PROX	3	12.71	6.71	10.96	NO	NO	0.2
B-7-1D	2	FS	3	13.93	9.3				0.2
B-7-2A	2	PROX	4	51.85	36.06	11.79	YES	NO	8.3
B-7-2B	2	PROX	3	25.44	15.64	15.63	YES	NO	0.5
B-7-3A	2	PROX	3	77.74	42.06	40.86	NO	NO	14.2
B-7-3B	2	PROX	1	23.24	17.39	5.9	NO	NO	1.4
B-7-4A	2	PROX	4	40.41	37	24.88	NO	NO	3.1
B-7-4B	2	PROX	3	12.7	8.31	2	NO	NO	0.1
B-7-4C	2	FS	4	15.52	12.91				
B-7-5	2	PROX	3	42.31	14.03	27.59	YES	NO	2.7
B-6-6A	2	PROX	3	32.79	15.37	14.51	YES	NO	0.9
B-7-6B	2	PROX	4	20.68	11.82	16.55	YES	NO	0.7
B-7-6C	2	FS	2	16.21	10.73				0.4
B-7-6D	2	FS	3	18.88	15.66				0.4
B-7-6E	2	PROX	3	12.24	11.59	3.18	YES	NO	0.5
B-7-6F	2	ANG	3	11.73	9.48				0.4
B-7-6G	2	ANG	3	12.54	9.88				0.5
B-7-6H	2	FS	2	11.8	8.39				0.2
B-7-6I	2	PROX	2	11.05	7.45				0.1
B-7-7A	2	PROX	3	84.05	41.25	32.55	YES	NO	18.9
B-7-7B	2	ANG	2	111.96	31.38				43.9
B-7-7C	2	ANG	2	63.4	15.19				2.4
B-7-8A	2	PROX	3	105.78	70.34	34.53	NO	YES	94.5
B-7-8B	2	PROX	1	20.01	13.47	7.24	NO	NO	0.4
B-7-8C	2	ANG	2	48.48	15.39				4.5

B-7-9A	2	PROX	2	32.86	27.34	10.3	YES	NO	2.4
B-7-9B	2	PROX	2	21.54	13.81	8.37	YES	NO	0.6
B-7-9C	2	PROX	2	11.57	9.86	5.62	YES	NO	0.1
B-7-9D	2	PROX	2	10.91	9.98	9.03	YES	NO	0.1
B-7-10A	2	ANG	3	90.28	49.35				70.9
B-7-10B	2	FS	1	23.16	8.67				0.3
B-7-11A	2	PROX	2	14.22	13.73	8.36	NO	NO	0.3
B-7-11B	2	PROX	2	21.77	10.63	7.95	NO	NO	0.3
B-7-11C	2	FS	1	22.36	18.49				0.5
B-7-12A	2	PROX	2	79.44	41.24	38.13	YES	NO	55.1
B-7-12B	2	FS	1	12.31	11.5				0.2
B-7-13A	2	PROX	2	38.1	24.49	8.8	NO	NO	3.2
B-7-13B	2	PROX	2	31.45	26.45	12.16	YES	NO	3.1
B-7-14A	2	PROX	2	62.43	44.8	42.14	YES	NO	27.2
B-7-14B	2	FS	1	20.82	9.6				0.2
B-7-15	2	PROX	3	52.18	26.46	25.05	YES	NO	10.1
B-7-16	2	PROX	3	23.95	12.49	7.18	NO	NO	0.7
B-7-17A	2	PROX	3	38.3	36.16	24.66	YES	NO	3.4
B-7-17B	2	PROX	3	21.32	13.29	6.66	YES	NO	0.4
B-7-17C	2	FS	3	18.2	8.59				0.3
B-7-18	2	PROX	2	84.24	34.81	27.37	NO	NO	33.9
B-7-19	2	PROX	2	77.94	56.48	39.12	YES	NO	36.2
B-7-20	2	PROX	3	84.21	47.06	50.47	YES	NO	40.5
B-7-21A	2	PROX	2	60.98	26.12	6.08	YES	NO	12.4
B-7-21B	2	PROX	2	41.99	28.72	28.45	YES	NO	6.5
B-7-21C	2	PROX	2	32.44	14.94	7.85	YES	NO	1.1
B-7-22A	2	PROX	3	94.76	39.48	30.13	NO	NO	47.3
B-7-22B	2	PROX	3	23.11	15.39	11.85	YES	NO	0.7
B-7-22C	2	PROX	2	26.74	19.15	7.34	NO	NO	2.5
B-7-23A	2	PROX	1	10.13	8.07	7.43	NO	NO	0.1
B-7-23B	2	FS	2	22.64	17.98				2
B-7-24	2	PROX	3	48.26	35.16	30.2	NO	NO	5.6
B-7-25A	2	PROX	2	48.49	42.5	23.23	NO	NO	4.9
B-7-25B	2	PROX	2	15.16	11.49	5.79	NO	NO	0.2
B-7-26A	2	PROX	1	22.6	11.15	17.71	NO	NO	0.6
B-7-26B	2	PROX	1	14.1	12.81	2.52	NO	NO	0.3
B-7-26C	2	ANG	2	22	12.33				1
B-7-26D	2	FS	2	13.2	9.05				0.3
B-7-27A	2	PROX	2	29.96	16.75	2.15	NO	NO	1.1
B-7-27B	2	PROX	1	13.45	10.05	4.27	NO	NO	0.2
B-7-27C	2	PROX	1	11.56	9.21				0.2

B-7-27D	2	PROX	1	16	7.43				0.3
B-7-27E	2	FS	2	13.69	5.31				0.1
B-7-27F	2	FS	3	12.7	12.15				0.1
B-7-28A	2	PROX	1	27.64	18.09	2.03	NO	NO	1.1
B-7-28B	2	PROX	2	30.23	24.91	2.95	NO	NO	2.3
B-7-28C	2	PROX	1	12.37	7.97	6.25	NO	NO	0.1
B-7-28D	2	FS	1	13.55	10.52				0.1
B-7-28E	2	PROX	1	12.4	10.81	9.61	NO	NO	0.2
B-7-29A	2	PROX	2	44.86	26.32	15.48	NO	NO	5.5
B-7-29B	2	PROX	2	38.35	24.03	15.41	NO	NO	4.6
B-7-29C	2	FS	2	22.69	13.37				0.7
B-7-29D	2	FS	2	32.28	19.96				1.5
B-7-30A	2	PROX	1	14.1	8.14	2.24	NO	NO	0.3
B-7-30B	2	ANG	2	29.88	19.6				4.1
B-7-31	2	PROX	3	36.57	22.96	4.99	NO	NO	1.8
B-7-32	2	PROX	2	76.41	43.35	31.03	NO	NO	51.8
B-7-33	2	PROX	1	17.43	14.17	13.07	NO	NO	0.5
B-7-34	2	PROX	2	26.2	19.53	8.26	NO	NO	1.6
B-7-35A	2	PROX	3	35.11	17.84	10.03	NO	NO	1.6
B-7-35B	2	PROX	2	12.76	8.07	4.57	NO	NO	0.3
B-7-36A	2	PROX	3	29.19	22	3.74	NO	NO	1
B-7-36B	2	PROX	2	39.31	29.61	1.46	NO	NO	3.2
B-7-37	2	PROX	1	18.68	11.67	5.16	NO	NO	0.5
B-7-38A	2	PROX	2	52.86	38.52	20.8	NO	NO	15.8
B-7-38B	2	FS	2	23.52	19.08				0.8
B-7-39	2	PROX	2	26.75	18.71	2.87	NO	NO	1.1
B-7-40A	2	PROX	2	21.66	21.57	9.33	NO	NO	0.9
B-7-40B	2	PROX	2	10.11	7.91	7.06	NO	NO	0.2
B-7-41A	2	PROX	2	27.09	24.97	7.69	NO	YES	1.5
B-7-41B	2	PROX	2	15.4	10.35	6.75	NO	NO	0.3
B-741C	2	FS	1	18.23	9.06				0.4
B-7-42A	2	PROX	2	22.38	12.4	13.28	NO	NO	0.7
B-7-42B	2	FS	2	21.51	9.56				0.5
B-7-42C	2	FS	1	13.89	9.68				0.2
B-7-43A	2	PROX	2	22.32	17.61	14.05	NO	NO	0.6
B-7-43B	2	PROX	1	22.56	21.27	17.6	NO	NO	0.9
B-7-44	2	PROX	1	20.83	15.04	3.41	NO	NO	0.3
B-7-45	2	PROX	2	17.3	9.14	7.65	NO	NO	0.2
B-7-46A	2	PROX	2	16.87	7.47	2.23	NO	NO	0.3
B-7-46B	2	FS	1	13.39	8.05				0.1
B-7-46C	2	FS	1	11.9	7.44				0.2

B-7-46D	2	PROX	2	25.84	16.13	3.78	NO	NO	0.9
B-7-47	2	PROX	2	83.4	39.17	15.32	NO	NO	22.1
B-7-48A	2	FS	1	24.22	11.33				0.5
B-7-48B	2	PROX	2	25.76	15.88	4.88	NO	NO	0.9
B-7-49	2	PROX	1	49.81	36.32	4.81	NO	NO	7.1
B-7-50A	2	PROX	2	65.18	54.53	22.44	NO	NO	27
B-7-50B	2	FS	1	18.95	14.63				0.6
B-7-51	2	PROX	2	64.97	32.95	30.67	NO	NO	8.6
B-7-52A	2	PROX	2	20.85	20.04	19.16	YES	NO	1.6
B-7-52B	2	FS	2	22.77	15.68				0.8
B-7-53	2	PROX	2	14.19	11.44	4.59	NO	NO	0.3
B-7-54A	2	PROX	2	30.1	21.64	15.99	NO	NO	2.2
B-7-54B	2	PROX	2	14.16	9.54	10.95	NO	NO	0.2
B-7-55	2	PROX	2	20.57	13.47	3.53	NO	NO	0.4
B-7-56A	2	PROX	2	49.68	28.4	24.53	NO	NO	9.7
B-7-56B	2	FS	2	41.13	28.98				2.6
B-7-57A	2	PROX	2	37.89	29.29	13.02	NO	NO	4.8
B-7-57B	2	PROX	2	27.06	16.6	10.69	NO	NO	1.7
B-7-57C	2	FS	3	24.03	22.91				1.1
B-7-58A	2	PROX	2	59.28	32.1	13.29	NO	NO	6.7
B-7-58B	2	PROX	2	19.15	9.64	9.5	NO	NO	0.3
B-7-59	2	PROX	1	13.81	10.3	2.49	NO	NO	0.1
B-7-60A	2	PROX	2	31.32	22.79	14.34	NO	NO	2.2
B-7-60B	2	FS	1	12.64	6.36				0.1
B-7-60C	2	FS	3	61.66	15.72				6.8
B-7-61A	2	PROX	1	13.69	8.31	1.96	NO	NO	0.2
B-7-61B	2	FS	3	11.91	8.3				0.1
B-7-62A	2	PROX	1	23.98	19.23	8.26	NO	NO	1.2
B-7-62B	2	PROX	1	19.38	10.64	8.05	NO	YES	2
B-7-63A	2	PROX	1	20.78	13.26	15.56	NO	NO	1
B-7-63B	2	FS	2	28.07	14.27				1.2
B-7-63C	2	ANG	2	22.05	13.79				1.7
B-7-63D	2	FS	1	13.23	9.78				0.1
B-7-64A	2	PROX	2	38.3	25.72	33.09	YES	NO	4.3
B-7-64B	2	FS	2	13.32	8.42				0.2
B-7-64C	2	ANG	2	13.62	8.4				0.3
B-7-65A	2	PROX	2	38.23	22.41	26.36	YES	NO	3.8
B-7-65B	2	PROX	2	16.81	15.98	3.9	NO	NO	0.3
B-7-65C	2	FS	1	21.53	8.89				0.4
B-7-66	2	PROX	2	30.78	30.58	11.3	YES	NO	3.4
B-7-67	2	PROX	1	25.86	17.6	14.2	NO	YES	1.4

B-7-68	2	PROX	2	27.17	18.26	15.11	NO	YES	1
B-7-69	2	PROX	1	17.4	8.63	6.56	NO	NO	0.3
B-7-70	2	PROX	2	20.33	13.19	12.1	NO	NO	0.5
B-7-71A	2	PROX	2	45.58	19.95	2.3	NO	NO	2.6
B-7-71B	2	FS	2	16.64	10.2				0.2
B-7-72A	2	PROX	2	26.05	13.08	15.92	NO	NO	0.5
B-7-72B	2	PROX	2	13.1	10.87	2.3	NO	NO	0.3
1	2	ANG	2	15.75	8				0.4
2	2	FS	1	17.8	8.32				0.1
3	2	PROX	2	25.01	9.56	2.6	YES	NO	0.5
4	2	ANG	2	15.46	7.23				0.4
5	2	PROX	1	19.97	10.23	2.86	NO	NO	0.4
6	2	FS	2	17.35	10.43				0.7
7	2	PROX	2	15.02	13.37	2.13	NO	NO	0.2
8	2	PROX	2	11.79	9.47	4.74	NO	NO	0.2
9	2	PROX	4	13.52	10.22	11.36	YES	NO	0.2
10	2	PROX	2	13.31	12.07	3.13	NO	NO	0.3
11	2	PROX	1	12.66	11.74	5.53	NO	NO	0.2
12	2	FS	1	11.42	10.37				0.2
13	2	FS	1	11.77	7.87				0.2
14	2	PROX	2	12.56	10.18	3.2	NO	NO	0.1
15	2	PROX	4	9.14	7.96	1.55	YES	NO	0.1
16	2	FS	1	14.02	9.83				0.2
17	2	FS	1	10.95	9.88				0.1
18	2	FS	2	13.56	8.71				0.1
19	2	FS	1	13.1	9.7				0.1
20	2	PROX	1	13.21	7.52	4.86	NO	NO	0.1
21	2	FS	3	11.72	10.34				0.2
22	2	PROX	1	10.01	8.62	4.35	NO	NO	0.1
23	2	FS	1	12.17	7.7				0.2
24	2	FS	4	13.24	9.03				0.1
25	2	FS	1	13.29	8.1				0.1
26	2	PROX	1	10.29	7.8	4.41	NO	NO	0.1
27	2	PROX	1	10.6	8.43	5.53	NO	NO	0.1
28	2	FS	3	10.28	9.66				0.1
29	2	FS	1	10.73	7.93				0.1
30	2	PROX	3	10.17	7.48	6.66	YES	NO	0.1
31	2	PROX	1	10.45	7.62	6.84	NO	NO	0.1
32	2	FS	4	10.65	9.8				0.1
B-8-1	2	PROX	3	77.55	63.72	59.22	YES	NO	54.3
B-8-2A	2	PROX	3	24.11	18.04	24.55	YES	NO	3.4

B-8-2B	2	FS	3	60.04	28.22				9.7
B-8-2C	2	FS	3	18.74	17.96				1.1
B-8-3A	2	PROX	2	22.96	9.33	4.23	NO	NO	0.4
B-8-3B	2	ANG	2	26.97	11.43				2.1
B-8-4	2	PROX	3	22	13.49	12.81	YES	NO	1.1
B-8-5	2	PROX	4	12.43	9.33	4.42	NO	NO	0.1
B-8-6A	2	PROX	2	24.19	17.05	15.34	NO	NO	0.7
B-8-6B	2	PROX	2	27.99	11.1	11.4	NO	NO	0.9
B-8-7A	2	PROX	3	32.31	18.03	15.05	NO	NO	2.9
B-8-7B	2	PROX	1	15.69	8.71	7.54	NO	NO	0.3
B-8-7C	2	FS	4	19.54	11.17				0.4
B-8-8	2	PROX	3	51.55	28.72	33.47	NO	NO	9.5
B-8-9A	2	PROX	2	44.74	34.79	12.42	NO	NO	7.7
B-8-9B	2	FS	2	55.25	31.07				17.5
B-8-10A	2	PROX	2	13.59	7.84	2.11	NO	NO	0.4
B-8-10B	2	PROX	3	20.59	8.05	19.63	YES	NO	0.4
B-8-11A	2	PROX	2	20.12	6.81	11.81	YES	NO	0.5
B-8-11B	2	ANG	3	17.59	17.01				1.9
B-8-11C	2	FS	2	18.56	12.64				0.7
B-8-11D	2	PROX	3	51	40.13	42.78	YES	NO	23.1
B-8-12A	2	PROX	2	77.39	62.55	23.08	YES	NO	67.1
B-8-12B	2	FS	1	25.71	22.86				1.1
B-18-12C	2	PROX	2	18.1	12.42	18.08	YES	NO	0.9
B-18-13A	2	PROX	3	50.74	27.99	29.43	YES	NO	9.4
B-18-13B	2	ANG	3	15.77	10.48				0.5
B-18-13C	2	PROX	2	22.95	9.61	9.57	YES	NO	0.9
B-18-13D	2	FS	2	29.59	10.07				1.3
B-18-13E	2	FS	3	12.31	11.36				0.3
B-18-13F	2	PROX	3	12.69	9.6	6.5	NO	NO	0.2
B-18-14A	2	PROX	3	72.35	50.98	27.31	YES	NO	45.1
B-18-14B	2	ANG	2	24.91	8.43				0.8
B-8-14C	2	ANG	2	23.72	6.48				0.7
B-8-14D	2	FS	3	16.48	6.45				0.3
B-8-14E	2	FS	3	13.29	7.06				0.1

B-8-14F	2	PROX	1	13.12	9	2.84	NO	NO	0.1
B-8-14G	2	FS	1	10.65	10.64				0.1
B-8-15	2	PROX	2	47.59	26.73	16.04	NO	NO	14.3
B-8-16	2	FS	2	11.22	7.98				0.1
B-8-17A	2	PROX	2	24.38	16.36	11.58	YES	NO	1.5
B-8-17B	2	PROX	2	14.55	8.86	7.28	YES	NO	0.3
B-8-17C	2	PROX	2	10.41	10.26	3.64	YES	NO	0.2
B-8-18	2	PROX	3	57.2	24.49	45.19	NO	NO	10.7
B-8-19A	2	PROX	2	32.7	24.34	21.16	NO	NO	5.1
B-8-19B	2	PROX	3	21.01	11.06	20.27	YES	NO	0.5
B-18-20A	2	PROX	2	23.41	18.84	12.74	NO	NO	2.8
B-8-20B	2	FS	1	27.32	17.41				4.2
B-8-21	2	FS	1	17.86	7.67				
B-9-1	2	PROX	2	59.69	31.65	24.52	YES	NO	17.4
B-9-2A	2	PROX	2	36.17	11.21	5.69	YES	NO	0.9
B-9-2B	2	PROX	2	17.75	12.14	6.46	YES	NO	0.2
B-9-2C	2	PROX	2	13.74	10	7.02	YES	NO	0.2
B-9-2D	2	PROX	2	11.54	7.22	5.31	YES	NO	0.1
B-9-2E	2	PROX	2	12.76	6.19	4.75	YES	NO	0.1
B-9-2F	2	PROX	2	40.43	17.88	4	YES	NO	2.1
B-9-2G	2	FS	1	10.43	7.82				0.1
B-9-3	2	PROX	2	12.62	7.76	1.99	YES	NO	0.2
B-9-4	2	PROX	3	28.55	16.18	6.52	YES	NO	1.6
B-9-5	2	PROX	2	25.84	27.66	9.29	YES	NO	2.9
B-9-6	2	PROX	3	29.81	17.05	3.03	NO	NO	0.8
B-9-7	2	PROX	3	45.24	32.92	13.46	NO	NO	9.1
B-9-8	2	PROX	3	47.76	21.06	23.46	NO	NO	3.9
B-9-9	2	PROX	3	35.72	27.91	19.09	NO	NO	2.5
B-9-10	2	ANG	2	18.08	11.95				0.5
B-9-11	2	PROX	2	79.22	41.83	69.61	NO	NO	57.2
B-9-12	2	PROX	2	61.78	45.69	46.41	YES	NO	43
B-9-13A	2	PROX	1	11.99	9.84	7.11	NO	NO	0.1
B-9-13B	2	PROX	1	13.53	11.49	9.96	NO	NO	0.1
B-9-14A	2	PROX	1	15.44	9.12	8.88	NO	NO	0.3
B-9-14B	2	FS	1	19.66	12.99				0.3
B-9-15	2	PROX	3	26.44	18.97	6.69	NO	YES	2.1
B-9-16A	2	PROX	1	63.96	27.81	27.1	NO	NO	5.1
B-9-16B	2	PROX	1	9.79	7.83	7.81	NO	NO	0.1
B-9-16C	2	PROX	1	10.68	8.82	8.09	NO	NO	0.2
B-9-17	2	PROX	1	24.01	9.31	4.77	NO	NO	0.4
B-9-18	2	PROX	1	14.51	9.34	2.7	NO	NO	0.2

B-9-19A	2	PROX	2	65.17	36.81	21.12	YES	NO	24.6
B-9-19B	2	PROX	2	39.63	27.64	5.91	NO	NO	5.3
B-9-19C	2	ANG	2	14.7	10.79				0.6
B-9-20A	2	PROX	1	18.91	12.03	11.98	NO	NO	0.5
B-9-20B	2	FS	2	13.56	9.8				0.3
B-9-20C	2	PROX	2	18.96	10.01	7.36	NO	NO	0.6
B-9-21A	2	PROX	2	17.71	13.39	5.42	NO	NO	0.4
B-9-21B	2	PROX	2	23.75	15.09	2.43	NO	NO	0.8
B-9-22	2	PROX	2	47.82	35.39	26.62	YES	NO	11
B-9-23	2	PROX	2	56.07	30.99	15.47	NO	NO	10.6
B-9-24A	2	PROX	2	40.74	36.65	36.27	NO	NO	9.7
B-9-24B	2	ANG	1	24.88	15.69				1.5
B-9-24C	2	PROX	1	14.09	7.86	6.08	NO	NO	0.7
B-9-25A	2	PROX	2	19.86	19.82	10.22	NO	NO	1.1
B-9-25B	2	PROX	2	20.88	12.28	2.48	NO	NO	0.9
B-9-26	2	ANG	1	15.57	4.49				0.2
B-9-27	2	PROX	2	21.53	14.49	10.63	NO	NO	0.6
B-9-28	2	PROX	1	28.68	19.16	22.49	NO	NO	2.3
B-9-29	2	PROX	1	43.58	35.59	25.45	NO	NO	11.1
B-9-30A	2	PROX	1	11.34	9.59	6.1	NO	NO	0.1
B-9-30B	2	PROX	1	13.12	6.21	3.89	NO	NO	0.1
B-9-31	2	PROX	1	31.72	23.97	11.36	NO	NO	3.3
B-9-32	2	PROX	2	38.95	34.09	10.53	NO	NO	7.1
B-9-33	2	PROX	1	10.86	7.67	2.74	NO	NO	0.1
B-9-34	2	PROX	2	20.98	13.73	7.21	NO	NO	0.7
B-9-35	2	PROX	1	20.5	14.1	20.32	NO	NO	0.8
B-9-36	2	PROX	2	50.52	25.23	28.53	NO	NO	7.4
B-9-37	2	PROX	1	40.93	23.18	29.64	NO	NO	6.2
B-9-38A	2	PROX	1	25.87	16.02	7.62	NO	NO	1.2
B-9-38B	2	PROX	1	23.64	20.55	6.37	NO	NO	1.8
B-9-38C	2	PROX	1	12.43	9.63	7.35	NO	NO	0.1
B-9-39A	2	PROX	1	17.52	10.26	9.57	NO	NO	0.2
B-9-39B	2	PROX	2	24.8	16.38	20.72	YES	NO	1
B-9-40A	2	PROX	1	11.54	9.63	5.52	NO	NO	0.1
B-9-40B	2	FS	1	15.72	7.49				0.2
B-9-40C	2	FS	1	14.79	10.82				0.1
B-9-40D	2	PROX	1	22.91	13.41	10.62	NO	NO	0.5
B-9-41	2	PROX	1	49.43	39.09	25.63	NO	NO	13.8
1	2	PROX	2	10.82	8.43	6.27	YES	NO	0.1
2	2	FS	1	12.92	8.54				0.1
B-10-1A	2	PROX	2	53.84	38.58	17.61	NO	NO	14.4

B-10-1B	2	FS	2	16.18	6.8				0.3
B-10-2A	2	PROX	2	39.34	17.89	7.23	NO	NO	1.8
B-10-2B	2	PROX	1	32.09	9.02	3.07	NO	NO	1.3
B-10-2C	2	ANG	1	17.43	4.16				0.3
B-10-3	2	PROX	1	17.75	9.85	4.52	NO	NO	0.1
B-10-4	2	PROX	3	65.92	49.95	14.26	NO	NO	20.8
B-10-5A	2	PROX	2	20.26	14.23	8.76	YES	NO	0.6
B-10-5B	2	FS	3	16.2	6.4				0.2
B-10-6	2	PROX	2	61.75	50.52	14.6	YES	NO	21.4
B-10-7A	2	PROX	2	62.79	35.96	10.79	NO	NO	18.8
B-10-7B	2	FS	2	47.06	23.02				5.9
B-10-7C	2	ANG	1	50.17	15.91				4.5
B-10-8	2	PROX	1	15.51	5.68				0.2
B-10-9A	2	PROX	2	66.05	48.91	27.54	YES	NO	26.6
B-10-9B	2	FS	1	20.12	11.47				0.2
B-10-10A	2	PROX	2	25.02	13.57	17.84	YES	NO	1.5
B-10-10B	2	PROX	2	17.28	9.15	9.11	NO	NO	0.2
B-10-11	2	PROX	1	45.21	28	15.26	NO	NO	4.7
B-10-12A	2	PROX	1	12.81	10.49	5.92	NO	NO	0.1
B-10-12B	2	PROX	1	14.12	8.32	4.12	NO	NO	0.1
B-10-12C	2	PROX	1	12.46	7.43				0.1
B-10-13	2	PROX	3	55.27	34.02	54.45	YES	NO	24
B-10-14A	2	PROX	2	18.42	11.63	11.11	YES	NO	0.6
B-10-14B	2	FS	3	26.2	15.39				0.8
B-10-14C	2	PROX	2	34.59	19.9	10.04	NO	NO	2.8
B-10-15A	2	PROX	1	12.63	6.87	5.97	NO	NO	0.1
B-10-15B	2	FS	1	16.88	7.42				0.1
B-10-15C	2	FS	1	10.82	8.69				0.1
B-10-16A	2	PROX	1	66.7	42.25	28.15	NO	NO	23.7
B-10-16B	2	PROX	1	28.27	20.11	4.74	NO	NO	1.2
B-10-16C	2	ANG	1	18.46	6.62				0.3

B-10-17	2	PROX	1	36.11	18.77	29.85	NO	NO	1.9
B-10-17*	2	PROX	3	39.14	23.5	7.63	NO	NO	1.9
B-10-18	2	PROX	2	58.67	50.72	55.26	YES	NO	20.9
B-10-19	2	PROX	1	25.74	16.22	5.03	NO	NO	0.5
B-10-20A	2	PROX	1	31.54	29.62	13.56	NO	NO	4
B-10-20B	2	FS	1	14.13	8.3				0.2
B-10-21	2	PROX	2	55.2	38.78	41	YES	NO	14.3
B-10-22	2	PROX	1	12.38	9.2	3.89	NO	NO	0.2
B-10-23	2								
B-10-24A	2	PROX	2	64.44	53.31	30.06	YES	NO	23.6
B-10-24B	2	FS	1	15.18	12.8				0.3
B-10-25	2	PROX	2	69.95	42.68	24.91	YES	NO	19.5
B-10-26A	2	PROX	1	14.12	6.01	1.86	NO	NO	0.1
B-10-26B	2	PROX	1	10.95	8.85	8.85	NO	NO	0.1
B-10-26C	2	PROX	1	15.54	11.43	8.9	NO	NO	0.4
B-10-26D	2	FS	1	10.4	7.2				0.1
B-10-27	2	PROX	1	56.66	44.2	11	NO	NO	13.1
B-10-28	2	PROX	1	15.91	14.11	4.32	NO	NO	0.2
B-10-29	2	PROX	1	51.99	26.42	13.55	NO	NO	3.4
B-10-30A	2	FS	2	16.34	11.99				0.1
B-10-30B	2	FS	1	16.43	10.87				0.4
B-10-30C	2	FS	1	12.42	9.58				0.2
B-10-31	2	PROX	2	33.72	20.87	20.79	NO	NO	1.7
B-10-32	2	PROX	2	41.15	17.08	27	NO	YES	5.1
B-10-33	2	FS	1	21.27	11.12				0.7
B-10-34	2	PROX	2	14.97	10.12	3.66	YES	NO	0.2
B-10-35	2	PROX	1	23.59	20.42	4.66	NO	NO	1
B-10-36A	2	PROX	1	25.49	9.66	2.4	NO	NO	0.4
B-10-36B	2	FS	1	12.32	5.14				0.1
B-10-37A	2	PROX	2	47.3	24.77	23.41	NO	NO	6.9

B-10-37B	2	PROX	1	13.52	9.71	3	NO	NO	0.3
B-10-38	2	PROX	2	59.25	39.84	12.48	YES	NO	12.4
B-10-39	2	PROX	1	17.53	8.9	5.35	NO	NO	0.2
B-10-40A	2	PROX	1	14.55	10.14	5.63	NO	NO	0.3
B-10-40B	2	FS	1	66.73	27.86				6.8
B-10-41	2	PROX	1	10.69	8.01	6.08	NO	NO	0.1
B-10-42	2	PROX	1	53.67	40.02	37.37	NO	NO	18.3
B-10-43A	2	PROX	1	28.61	20.68	15.84	NO	NO	1.6
B-10-43B	2	FS	1	18.34	13.08				0.5
B-10-44A	2	PROX	1	19.27	10.12	8.94	NO	NO	0.5
B-10-44B	2	FS	1	14.4	7.7				0.2
B-10-45A	2	PROX	1	47.78	28.87	22.88	NO	NO	7
B-10-45B	2	FS	1	12.21	8.85				0.2
B-10-46	2	PROX	1	10.5	8.19	10.32	NO	NO	0.1
B-10-47*	2								
B-10-48	2	PROX	2	49	38.7	22.54	YES	NO	15.7
1	2	PROX	1	10.31	9.14	2.21	NO	NO	0.1
B-11-1A	3	PROX	2	20.19	14.79	7.57	NO	NO	1
B-11-1B	3	PROX	3	21.35	14.19	4.89	NO	NO	1.1
B-11-2A	3	PROX	2	33.21	20.94	14.21	NO	YES	5.2
B-11-2B	3	PROX	2	16.98	12.02	6.56	NO	NO	0.4
B-11-3	3	PROX	3	47.86	24.77	10.4	NO	YES	7.8
B-11-4	3	PROX	2	45.2	26.55	13.92	YES	NO	6.5
B-11-5A	3	PROX	2	50.27	30.88	16.3	YES	NO	11.2
B-11-5B	3	PROX	2	51.25	19.51	16.49	YES	NO	6.1
B-11-5C	3	FS	2	32.85	11.43				2
B-11-6	3	PROX	2	66.66	45.96	33.36	YES	NO	24.4
B-11-7	3	PROX	2	24.08	13.77	4.15	NO	NO	1.5
B-11-8A	3	PROX	2	30.69	16.67	7.43	NO	NO	1.4
B-11-8B	3	PROX	2	27.35	21.07	4.74	NO	NO	3.1
B-11-8C	3	FS	2	23.16	10.55				0.3
B-11-8D	3	FS	1	22	19.89				0.7
B-11-8E	3	FS	2	22.81	13.35				0.8
B-11-9A	3	PROX	1	38.88	14.45	7.25	NO	NO	1.7

B-11-9B	3	PROX	1	25.27	17	5.84	NO	NO	1.1
B-11-10	3	PROX	2	32.31	17.02	7.74	YES	NO	1.9
B-11-11A	3	PROX	2	19.92	10.7	6.9	NO	NO	0.3
B-11-11B	3	FS	1	16.15	14.08				0.1
B-11-12A	3	PROX	1	21.77	17.46	5.08	NO	NO	0.6
B-11-12B	3	PROX	2	14.23	9.01	2.37	NO	NO	0.1
B-11-13	3	PROX	2	43.21	25.07	5.08	YES	NO	2.7
B-11-14	3	PROX	1	26.88	20.17	10.52	NO	NO	1.5
B-11-15A	3	PROX	2	47.81	34.69	34.45	YES	NO	10.5
B-11-15B	3	FS	1	23.15	17.6				0.6
b-11-15c	3	FS	2	21.31	10.6				1
B-11-16A	3	PROX	1	18.59	8.88				0.2
B-11-16B	3	PROX	1	14.59	9.78	4.55	NO	NO	0.2
B-11-16C	3	PROX	1	11.02	7.8	5.67	NO	NO	0.2
B-11-16D	3	FS	2	20.07	14.95				0.3
B-11-16E	3	FS	2	19.38	14.18				0.5
B-11-16F	3	FS	1	10.96	6.48				0.1
B-11-17	3	PROX	2	27.1	12.44	16.28	NO	NO	1.3
B-11-18	3	PROX	2	39.77	31.11	9.78	YES	NO	3.3
B-11-19A	3	PROX	3	62.01	29.48	35.47	NO	NO	13.2
B-11-19B	3	PROX	1	30.94	13.39	8.71	NO	NO	0.9
B-11-19C	3	FS	2	15.01	10.16				0.2
B-11-19D	3	PROX	1	8.78	7.68				0.1
B-11-20A	3	PROX	2	33.94	20.57	15.86	YES	NO	2.8
B-11-20B	3	PROX	2	28.58	18.03	10.15	YES	NO	1.6
B-11-20C	3	PROX	1	19.18	10.46	3.28	NO	NO	0.5

B-11-20D	3	FS	2	19.08	7.54				0.4
B-11-20E	3	FS	1	9.2	7.93				0.3
B-11-21A	3	PROX	2	29.1	22.88	25.31	YES	NO	2.6
B-11-21B	3	FS	2	22.14	13.35				1
B-11-21C	3	PROX	1	10.38	9.28	6.98	NO	NO	0.2
B -11-22A	3	PROX	2	32.05	18.72	7.65	NO	NO	2.5
B-11-22B	3	FS	1	32.32	25.2				1.3
B-11-23	3	PROX	2	75.6	32.75	10.71	YES	NO	36
B-11-24	3	PROX	1	32.53	16.12	9.43	NO	NO	2
B-11-25	3	PROX	3	23.53	18.51	2.93	NO	NO	1.8
B-11-26A	3	PROX	2	54.19	27.26	25.96	YES	NO	4.9
B-11-26B	3	FS	1	19.13	7.69				0.2
B-11-26C	3	FS	2	11.12	9.59				0.1
B-11-27	3	PROX	2	31.61	22.2	5.75	NO	NO	1.6
B-11-28	3	PROX	1	17.38	10.33	6.02	NO	NO	0.2
B-11-29A	3	PROX	1	20.55	12.36	3.99	NO	NO	0.3
B-11-29B	3	PROX	1	20.41	13.59	2.05	NO	NO	0.5
B-11-30A	3	PROX	1	43.42	28.13	11.21	NO	NO	4.9
B-11-30B	3	FS	1	24.63	8.03				0.6
B-11-30C	3	FS	1	13.89	9				0.2
B-11-31A	3	PROX	2	46.01	34.89	17.84	YES	NO	4.8
B-11-31B	3	PROX	2	27.24	17.01	7.69	YES	NO	0.8
B-11-32A	3	PROX	2	43.04	24.21	12.52	YES	NO	4.3
B-11-32B	3	PROX	2	16.28	8.5	2.39	YES	NO	0.2
B-11-33	3	PROX	2	44.71	30.42	5.42	YES	NO	3
B-11-34A	3	PROX	2	36.15	15.59	16.4	NO	NO	2.3

B-11-34B	3	PROX	2	14.58	8.93	6.54	NO	NO	0.2
B-11-34C	3	FS	1	13.42	7.88				0.2
B-11-35	3	PROX	2	29.32	12.81	7.49	NO	NO	1.3
B-11-36	3	PROX	2	39.03	37.7	12.03	NO	NO	5.9
B-11-37A	3	PROX	2	39.54	24.17	10.17	NO	NO	2.5
B-11-37B	3	PROX	1	22.24	16.78	3.18	NO	NO	0.8
B-11-37C	3	FS	1	9.12	7.92				0.1
B-11-38A	3	PROX	2	27.07	17.03	6.18	NO	NO	0.4
B-11-38B	3	FS	3	19.29	15.3				0.2
B-11-39A	3	PROX	2	54.32	26.73	38.71	YES	NO	5.5
B-11-39B	3	FS	1	14.93	12.93				0.1
B-11-40	3	PROX	2	35.14	35.04	6.78	NO	NO	2.4
B-11-41A	3	PROX	1	27.38	15.98	11.5	NO	NO	1.1
B-11-41B	3	FS	1	18.38	7.68				0.1
B-11-42	3	PROX	2	30.29	20.6	24.84	YES	NO	1.8
B-11-43a	3	PROX	2	31.12	16.96	9.47	YES	NO	1.4
B-11-43B	3	PROX	2	28.28	16.68	12.67	NO	NO	0.9
B-11-44	3	PROX	2	26.37	19.8	10.91	YES	NO	1.4
B-11-45A	3	PROX	2	53.05	18.96	11.52	YES	NO	7.5
B-11-45B	3	FS	3	41.42	14.94				3
B-11-46A	3	PROX	2	27.41	27.17	16.42	YES	NO	1.8
B-11-46B	3	FS	2	18.07	13.77				0.4
B-11-46C	3	FS	2	13.84	8.73				0.3
B-11-46D	3	PROX	1	14.67	8.72	1.19	NO	NO	0.1
B-11-47	3	PROX	1	22.09	15.51	7.27	NO	NO	0.9
B-11-48	3	PROX	2	28.93	14.81	16.98	YES	NO	1.3
B-11-49	3	PROX	2	39.19	17.39	4.04	YES	NO	2.7

B-11-50	3	PROX	2	24.18	13.58	6.52	NO	NO	0.7
B-11-51	3	PROX	2	45.83	23.77	8.41	NO	NO	7.4
B-11-52	3	PROX	3	25.18	10.41	2.65	YES	NO	0.5
B-11-53	3	PROX	3	20.01	11.14	12.48	NO	NO	1
B-11-54	3	PROX	2	34.42	16.53	12.22	NO	NO	2.2
B-11-55	3	PROX	2	30.94	16.6	11.56	NO	NO	0.9
B-11-56	3	PROX	3	23.57	13.68	8.16	YES	NO	0.7
B-11-57	3	PROX	2	40.47	20.98	26.63	YES	NO	5.3
B-11-58	3	PROX	2	33.08	18.7	6.28	NO	NO	2.5
B-11-59A	3	PROX	1	38.45	21.35	8.03	NO	NO	1.4
B-11-59B	3	PROX	1	21.12	15.12	9.4	NO	YES	1
B-11-60	3	PROX	1	26.84	17.48	11.06	NO	NO	1.1
B-11-61	3	PROX	1	26.92	19.84	5.43	NO	NO	1.7
B-11-62	3	PROX	2	24.07	14.42	7.62	NO	NO	1.3
B-11-63A	3	PROX	1	19.81	12	3.9	NO	NO	0.4
B-11-63B	3	PROX	1	42.93	20.9	4.11	NO	NO	1.7
B-11-64	3	PROX	1	19.15	10.44	4.26	NO	NO	0.3
1	3	PROX	1	16.46	9.86	9.69	NO	NO	0.3
2	3	PROX	1	15.87	10.53	5.86	NO	NO	0.3
3	3	PROX	2	119.92	14.95	4.52	YES	NO	0.4
4	3	PROX	2	21.52	14.56	9.19	NO	NO	0.5
5	3	PROX	2	15.68	9.6	3.58	NO	NO	0.2
6	3	PROX	1	13.82	11.82	3.83	NO	NO	0.1
7	3	PROX	1	18.95	13.73	4.98	NO	NO	0.1
8	3	PROX	1	15.47	9.65	3.22	NO	NO	0.1
9	3	FS	1	12.18	8.12				0.1
10	3	PROX	1	15.12	7.56	3.74	NO	NO	0.1
11	3	PROX	1	11.72	9.37	4.08	NO	NO	0.1
12	3	FS	1	15.86	10.17				0.2
13	3	PROX	1	12.37	10.73	4.59	NO	NO	0.2
14	3	PROX	1	10.64	10.33	6.84	NO	NO	0.1
15	3	PROX	1	13.99	10.12	3.42	NO	NO	0.1
16	3	PROX	1	16.68	12.79	10.35	NO	NO	0.1
17	3	PROX	1	12.12	7.9				0.1
18	3	PROX	1	12.29	9.45	3.72	NO	NO	0.1
19	3	PROX	1	12.46	7.62	3.97	NO	NO	0.1
20	3	PROX	1	11.91	10.05	4.74	NO	NO	0.1
21	3	FS	2	15.5	7.9				0.1

22	3	PROX	1	11.62	11.28	3.14	NO	NO	0.2
23	3	PROX	1	12.5	9.7	7.75	NO	NO	0.1
24	3	PROX	1	10.53	8.3	3.88	NO	NO	0.1
25	3	PROX	1	13.72	9.19	3.24	NO	NO	0.1
26	3	PROX	1	12.1	7.46	6.81	NO	NO	0.1
27	3	PROX	1	12.81	8.13	6.93	NO	NO	0.1
28	3	PROX	1	10.18	9.2	5.27	NO	NO	0.1
29	3	PROX	1	10.98	8.02	5.01	NO	NO	0.1
30	3	PROX	2	9.84	7.72	3.07	YES	NO	0.1
31	3	PROX	1	9.1	8.54	5.55	NO	NO	0.1
32	3	FS	1	12.31	10.69				0.1
33	3	FS	1	11.15	7.82				0.1
34	3	FS	1	10.17	8.79				0.1
B-12-1	3	PROX	3	27.53	18.74	15.73	NO	NO	2.2
B-12-2A	3	PROX	3	48.83	48.63	43.1	NO	NO	16.6
B-12-2B	3	PROX	1	22.97	9.79	22.42	NO	NO	0.6
B-12-3A	3	PROX	3	39.75	16.08	7.28	NO	NO	3.2
B-12-3B	3	FS	3	35.07	10.72				1.8
B-12-3C	3	PROX	2	14.51	13.75	4.48	NO	NO	0.5
B-12-3D	3	FS	2	15.07	7.17				0.2
B-12-4	3	PROX	2	49.85	32.83	11.08	NO	NO	10.5
B-12-5A	3	PROX	3	22.27	16.35	9.71	YES	NO	1.5
B-12-5B	3	PROX	2	19.61	13.11	11.2	NO	NO	0.6
B-12-5C	3	FS	3	22.01	13.77				0.5
B-12-5D	3	FS	3	17.41	11.68				0.5
B-12-5E	3	PROX	2	18.47	12.76	12.73	YES	NO	0.6
B-12-5f	3	FS	2	13.23	6.46				0.1
B-12-5G	3	FS	2	7.79	7.53				0.2
B-12-6A	3	PROX	2	34.29	18.96	9.48	YES	NO	3.8
B-12-6B	3	PROX	3	15.71	13.39	2.11	YES	NO	1.5
B-12-6C	3	FS	2	19.18	15.19				0.7
B-12-6D	3	PROX	2	23.69	19.75	6.26	YES	NO	1.5
B-12-6E	3	PROX	2	22.42	10.03	1.79	NO	NO	0.4
B-12-6F	3	FS	2	12.09	9.76				0.2
B-12-7A	3	PROX	2	33.69	32.85	7.9	NO	NO	3
B-12-7B	3	FS	3	22.66	19.33				0.8
B-12-8A	3	PROX	2	35.66	22.27	3.48	NO	NO	2.2
B-12-8B	3	FS	2	23.76	10.43				0.5
B-12-8C	3	FS	2	21.09	9.12				0.3
B-12-8D	3	FS	2	13.93	11.55				0.2
b-12-9	3	PROX	2	40.62	26.22	7.34	YES	NO	9.9

B-12-10A	3	PROX	2	22.38	13.42	7.95	NO	NO	1.5
B-12-10B	3	FS	3	22.07	16.96				1.4
B-12-10C	3	PROX	2	24.6	10.03	5.39	NO	NO	0.9
B-12-10D	3	FS	3	18.22	11.73				0.4
B-12-11A	3	PROX	2	34.6	24.28	12.46	NO	NO	6.7
B-12-11B	3	FS	4	16.13	7.74				0.1
B-12-12A	3	PROX	2	49.43	24.27	13.11	NO	NO	4.7
B-12-12B	3	PROX	2	29.28	18.24	7.45	NO	NO	1.7
B-12-13A	3	PROX	3	34.55	25.62	4.29	NO	NO	3.7
B-12-13B	3	PROX	1	14.22	10.02	5.79	NO	NO	0.2
B-12-13C	3	FS	1	9.66	7.13				0.1
B-12-13D	3	PROX	1	10	7.4	3.17	NO	NO	0.1
B-12-14A	3	PROX	2	30.14	19.37	9.43	NO	NO	2.2
B-12-14B	3	FS	1	14.93	14.3				0.3
B-12-14C	3	FS	1	15.27	9.77				0.2
B-12-15A	3	PROX	2	31.58	22.89	21.04			2.6
B-12-15B	3	PROX	1	12.94	9.76	0.54	NO	NO	0.1
B-12-16	3	PROX	3	45.5	29.18	14.22	NO	NO	12.6
B-12-17A	3	PROX	2	68.26	29.59	5.01	NO	YES	12.3
B-12-17B	3	FS	1	25.07	10.74				0.7
B-12-17C	3	ANG	4	18.34	9.93				0.8
B-12-18A	3	PROX	2	16.79	11.65	1.26	NO	NO	0.5
B-12-18B	3	FS	1	18.41	11.33				0.4
B-12-19	3	PROX	1	20.18	14.63	2.86	NO	NO	0.7

B-12-20A	3	PROX	1	19.56	8.38	5.7	NO	NO	0.3
B-12-20B	3	PROX	1	17.4	12.45	5.55	NO	NO	0.5
B-12-21	3	PROX	2	34.96	14.62	4.44	NO	NO	2.2
B-12-22	3	PROX	2	34.58	20.19	2.14	NO	NO	2.2
B-12-23	3	PROX	1	51.18	32.06	10.72	NO	YES	12.7
B-12-24	3	PROX	3	34.98	24.55	7.19	NO	YES	3.6
B-12-25	3	PROX	2	47.48	35.3	5.87	NO	NO	12.8
B-12-26A	3	PROX	2	29.93	23.54	2.58	NO	NO	3.3
B-12-26B	3	FS	3	11.18	8.77				0.2
B-12-27	3	PROX	1	18.31	14	5.01	NO	NO	0.4
B-12-28	3	FS	1	12.25	6.98				0.2
B-12-29A	3	PROX	2	28.8	17.09	9.03	YES	NO	1.5
B-12-29B	3	PROX	2	14.62	10.47	4.57	NO	NO	0.3
B-12-29C	3	FS	2	15.54	10.72				0.3
B-12-29D	3	FS	2	12.92	9.36				0.1
B-12-29E	3	FS	2	12.78	6.21				0.2
B-12-29F	3	PROX	2	12.5	5.61	0.41	NO	NO	0.1
B-12-30A	3	PROX	2	23.2	19.47	10.55	NO	NO	1.4
b-12-30b	3	FS	2	9.24	5.7				0.1
B-12-31	3	PROX	2	35.52	23.05	4.6	NO	NO	5.5
B-12-32A	3	PROX	2	22.81	16.34	4.78	NO	NO	1.4
B-12-32B	3	FS	2	20.6	12.34				0.5
b-12-33	3	PROX	2	24.59	15.25	7.92	NO	YES	1.5
B-12-34A	3	PROX	3	28.47	17.87	12.96	NO	NO	1.7
B-12-34B	3	FS	3	41.42	20.39				2.2
B-12-34C	3	FS	1	17.77	12.42				0.3
B-12-35A	3	PROX	2	35.26	34.91	4.19	YES	YES	7.3
B-12-	3	FS	2	17.72	13.92				0.8

35B									
B-12-36	3	PROX	2	28.98	16.03	6.95	NO	NO	1.1
B-12-37	3	PROX	2	60.55	34.44	9.07	NO	YES	9.7
B-12-38A	3	PROX	2	61.75	19.19	13.59	NO	NO	8.4
B-12-38B	3	FS	3	33.6	11.13				1.3
B-12-39A	3	PROX	2	32.03	18.79	11.15	NO	YES	3.4
B-12-39B	3	FS	2	99.16	50.87				37.4
B-12-39C	3	ANG	3	24.08	15.99				0.9
B-12-40A	3	PROX	2	26.83	23.61	4.93	NO	YES	2.8
B-12-40B	3	FS	3	37.06	32.15				4.6
B-12-40C	3	PROX	2	20.56	14.22	4.83	NO	YES	0.7
B-12-40D	3	FS	3	33.67	27.29				3.8
B-12-40E	3	ANG	4	18.39	15.14				0.6
B-12-40F	3	FS	1	17.62	11.62				0.2
B-12-40G	3	FS	2	14.16	10.38				0.3
B-12-40H	3	FS	1	11.7	10.92				0.1
B-12-40I	3	FS	4	15.5	8.08				0.1
B-12-41A	3	PROX	2	53.6	33.79	9.17	NO	YES	8.3
B-12-41B	3	PROX	1	14.37	9.82	6.14	NO	YES	0.2
B-12-41C	3	FS	3	30.11	15.38				1.4
B-12-41D	3	FS	4	21.28	17.22				0.6
B-12-41E	3	ANG	4	10.7	6.98				0.1
B-12-41F	3	FS	4	18.64	9.72				0.7
B-12-41G	3	FS	4	14.42	8.71				0.2
B-12-42	3	PROX	2	46.7	31.2	12.02	NO	NO	5.6
B-12-43	3	PROX	2	34.82	19.81	11.79	NO	YES	2.4

B-12-44A	3	PROX	2	32.72	21.41	9.88	NO	YES	3.6
B-12-44B	3	FS	3	23.45	12.5				1.1
B-12-45A	3	PROX	2	33.91	29.61	6.79	NO	NO	5
B-12-45B	3	FS	3	31.01	18.59				2
B-12-46A	3	PROX	1	15.97	10.71	7.38	NO	YES	0.6
B-12-46B	3	FS	1	44.76	26.11				3.3
B-12-47	3	PROX	2	42.96	30.17	15	NO	YES	6.7
B-12-48	3	PROX	1	48.43	32.9	7.82	NO	YES	7.3
B-12-49	3	PROX	2	32.96	23.01	10.45	NO	YES	3.6
B-12-50A	3	PROX	2	53.14	34.95	10.89	NO	NO	6.1
B-12-50B	3	FS	1	27.57	27.21				1.6
B-12-50C	3	FS	1	15.45	7.88				0.1
B-12-51A	3	PROX	1	25.61	22.23	6.74	NO	YES	1.7
B-12-51B	3	FS	1	19.19	9.95				0.4
B-12-52	3	PROX	2	21	19.53	15.23	NO	YES	1.4
B-12-53	3	PROX	2	39	26.07	6.55	NO	NO	4.4
B-12-54	3	PROX	3	25.83	20.97	9.78	NO	YES	2.3
B-12-55	3	PROX	1	30.71	19.03	7.27	NO	YES	1.7
1	3	PROX	1	18.55	14.92	12.03	NO	NO	0.7
2	3	PROX	1	22.59	16.94	7.84	NO	NO	1.1
3	3	PROX	1	16.15	12.22	7.89	NO	NO	0.4
4	3	PROX	2	13.99	9.79	7.12	NO	NO	0.3
5	3	FS	1	9.79	7.66				0.1
6	3	PROX	1	21.71	11.86	18.62	NO	NO	0.8
7	3	FS	2	23.47	9.48				0.5
8	3	PROX	2	20.6	9.4	6.19	NO	NO	0.4
9	3	PROX	1	17.5	13.14	8.35	NO	NO	0.4
10	3	PROX	1	15.27	12.51	3.66	NO	NO	0.2
11	3	FS	1	20.01	14.16				0.5
12	3	PROX	2	18.27	12.61	10.21	NO	NO	0.5
13	3	FS	2	19.72	12.06				0.3
14	3	PROX	2	17.63	12.11	9.13	NO	NO	0.2
15	3	PROX	2	17.57	6.89	4.76	NO	NO	0.4

16	3	PROX	1	15.4	9.05	9.15	NO	NO	0.3
17	3	PROX	1	20.4	16.98	7.35	NO	NO	0.5
18	3	PROX	2	15.97	9.5	3.96	NO	NO	0.3
19	3	PROX	1	13.98	12.16	6.04	NO	NO	0.2
20	3	PROX	1	17.67	9.44	9.86	NO	NO	0.3
21	3	PROX	1	13.94	8.32	3.71	NO	NO	0.2
22	3	PROX	1	13.79	9.67	9.2	NO	NO	0.2
23	3	ANG	1	15.03	13.07				0.5
24	3	PROX	1	18.72	8.2	5.33	NO	NO	0.1
25	3	PROX	1	12.27	10.31				0.2
26	3	PROX	1	15.16	12.47	7.78	NO	NO	0.3
27	3	PROX	1	17.86	12.98	12.6	NO	NO	0.4
28	3	PROX	1	12.23	10.23	2.22	NO	NO	0.2
29	3	PROX	1	15.35	10.7	10.86	NO	NO	0.2
30	3	PROX	1	12.75	11.44	4.82	NO	NO	0.1
31	3	PROX	1	16.78	11.18	5.23	NO	YES	0.3
32	3	PROX	1	18.48	10.23	9.24	NO	YES	0.3
33	3	PROX	2	14.54	8.83	3.89	NO	NO	0.3
34	3	PROX	1	13.52	10.41	10.29	NO	YES	0.3
35	3	PROX	1	13.12	12.21	5.65	NO	NO	0.2
36	3	PROX	2	15.41	8.13	4.1	NO	NO	0.2
37	3	PROX	2	15.55	8.8	5.05	YES	NO	0.2
38	3	PROX	1	12.89	8.78	4.27	NO	NO	0.2
39	3	PROX	1	18.02	11.28	12.1	NO	NO	0.4
40	3	PROX	2	12.19	12.01	3.7	NO	NO	0.3
41	3	PROX	1	12.97	11.72	5.59	YES	NO	0.4
42	3	PROX	1	11.56	9.44	8.21	NO	NO	0.3
43	3	PROX	1	13.99	12.52	2.69	NO	NO	0.1
44	3	PROX	1	10.94	10.23	9.09	NO	NO	0.1
45	3	PROX	3	24.06	9.22	4.21	NO	NO	0.5
46	3	PROX	1	10.44	9.32	5.69	NO	NO	0.1
47	3	PROX	2	12.34	6.7	6.16	NO	NO	0.1
48	3	PROX	3	11.79	11.11	6.95	YES	YES	0.3
49	3	PROX	1	9.9	8.09	3.92	NO	NO	0.1
50	3	FS	1	15.53	9.53				0.2
51	3	PROX	1	11.5	8.07	4.31	NO	NO	0.1
52	3	FS	1	10.88	8.87				0.1
53	3	PROX	1	12.46	8.87	3.17	NO	NO	0.3
54	3	PROX	1	17.39	9.74	6.51	NO	YES	0.5
55	3	PROX	1	10.14	7.62	9.69	NO	NO	0.1
56	3	PROX	1	13.53	8.07	4.34	NO	NO	0.1

57	3	PROX	1	10.33	9.37	7.43	NO	NO	0.2
58	3	FS	1	10.53	9.34				0.1
59	3	PROX	1	12.76	8.73	4.08	NO	NO	0.1
60	3	PROX	1	12.06	8.57	3.08	NO	NO	0.1
61	3	PROX	1	9.37	9.96	6.1	NO	NO	0.1
62	3	PROX	1	11.5	10.24	4.22	NO	NO	0.1
63	3	PROX	1	10.94	8.51	5.32	NO	NO	0.1
64	3	PROX	1	10.88	7.6	4.34	NO	NO	0.1
65	3	PROX	1	13.96	12.62	9.22	NO	NO	0.2
B-13-1a	3	PROX	2	66.48	46.6	3.21	NO	NO	51.4
B-13-1B	3	FS	2	12.72	14.89				2.8
B-13-1C	3	FS	1	11.76	7.78				0.1
B-13-2	3	PROX	3	74.02	57.28	23.24	YES	NO	65.9
B-13-3A	3	PROX	3	58.81	38.95	9.33	NO	NO	10.1
B-13-3B	3	PROX	1	14.06	7.9	7.79	NO	NO	0.1
B-13-4A	3	PROX	2	48.06	20.8	7.12	NO	NO	3.7
B-13-4B	3	PROX	1	15.46	11.47	5.82	NO	NO	0.3
B-13-4C	3	FS	1	20.08	11.15				0.3
B-13-4D	3	PROX	2	10.36	7.52	2.54	NO	NO	0.1
B-13-5A	3	PROX	2	67.08	45.26	26.49	NO	NO	27.9
B-13-5B	3	PROX	1	14.18	5.64	10.7	NO	NO	0.1
B-13-5C	3	FS	2	12.77	8.4				0.1
B-13-6A	3	PROX	2	31.34	23.05	18.13	NO	NO	1.4
B-13-6B	3	PROX	2	25.94	19.93	12.72	NO	NO	1.3
B-13-7	3	PROX	3	26.1	11.74	13.31	NO	NO	0.8
B-13-8A	3	PROX	2	22.06	17.87	12.75	NO	NO	0.4
B-13-8B	3	PROX	2	19.63	13.35	8.34	NO	NO	0.4
B-13-8C	3	PROX	2	25.68	19.89	4.49	NO	NO	1.3
B-13-9A	3	PROX	2	77.88	45.53	14.66	YES	NO	25
B-13-9B	3	FS	2	44.13	24.83				2
B-13-10A	3	PROX	2	55.86	27.28	25.84	YES	NO	8.5
B-13-10B	3	FS	2	30.36	12.28				1.2
B-13-10C	3	PROX	2	28.11	11.64	13.71	YES	NO	0.5
B-13-11A	3	PROX	2	90.44	62.17	32.2	YES	NO	70.8
B-13-11B	3	FS	1	16.56	9.14				0.2
B-13-12A	3	PROX	2	39.12	20.49	9.31	NO	NO	2.5
B-13-	3	PROX	1	21.48	14.42	8.67	NO	NO	0.4

12B									
B-13-12C	3	FS	2	20.49	8.17				0.2
B-13-12D	3	FS	2	11.88	6.7				0.1
B-13-13	3	PROX	2	40.73	19.26	9.78	NO	NO	3.7
B-13-14	3	PROX	1	48.88	25.53	11.66	NO	NO	5.1
B-13-15	3	PROX	3	32.13	22.7	13.8	NO	NO	3.3
B-13-16	3	PROX	2	23.83	14	5.61	YES	NO	0.5
B-13-17	3	PROX	3	43.71	32.59	8.63	NO	YES	8.8
B-13-18A	3	PROX	2	94.01	44.01	78.26	YES	NO	18.4
B-13-18B	3	FS	2	25.91	12.25				0.8
B-13-18C	3	FS	1	21.5	13.8				0.5
B-13-19A	3	PROX	2	47.31	24.54	5.66	NO	NO	4.3
B-13-19B	3	PROX	2	28.99	9.04	6.14	NO	NO	0.8
B-13-19C	3	PROX	1	10.72	8.08	4.26	NO	NO	0.1
B-13-20	3	PROX	2	81.13	35.84	25.65	NO	NO	30.6
B-13-21	3	PROX	1	34.49	15.22	4.26	NO	NO	2.3
B-13-22A	3	PROX	2	31.67	21.66	8.51	NO	NO	3.7
B-13-22B	3	FS	2	53.71	22.16				5.4
B-13-23A	3	PROX	2	44.17	38.34	7.08	NO	NO	6.5
B-13-23B	3	FS	1	68.01	30.62				6.9
B-13-23C	3	PROX	1	17.42	13.71	7.28	NO	NO	0.4
B-13-23D	3	FS	1	18.55	14.1				0.4
B-13-24A	3	PROX	2	93.6	30.7	4.53	NO	NO	18.9
B-13-24B	3	PROX	2	23.54	17.86	1.93	NO	NO	2
B-13-24C	3	FS	1	18.14	9.53				0.2
B-13-25	3	PROX	2	31.15	16.96	15.82	NO	NO	1.6
B-13-26A	3	PROX	2	41.18	24.14	7.99	YES	NO	4.5
B-13-	3	PROX	3	37.04	20.05	3.21	NO	NO	2.5

26B									
B-13-27	3	PROX	3	35.46	19.69	4.26	NO	NO	1.8
B-13-28	3	PROX	3	46.34	30.85	7.4	NO	NO	6.7
B-13-29	3	PROX	1	51.24	18.69	23.93	NO	NO	3.8
B-13-30	3	PROX	1	48.91	35.33	27.34	NO	NO	11.5
B-13-31	3	PROX	2	89.06	58.75	45.6	NO	NO	64.9
B-13-32A	3	PROX	2	49.91	21.63	2.83	NO	NO	4.5
B-13-32B	3	PROX	2	30.46	20.5	4.25	NO	NO	2.6
B-13-32C	3	FS	1	39.2	8.73				1.1
B-13-33A	3	PROX	1	66.86	50.97	12.88	NO	YES	16.6
B-13-33B	3	FS	1	29.52	12.42				0.6
B-13-33C	3	FS	1	9.23	9.16				0.1
B-13-34	3	PROX	1	51.77	33.84	2.6	NO	NO	5.8
B-13-35A	3	PROX	1	55.3	52.5	7.97	NO	YES	19.4
B-13-35B	3	PROX	1	21.77	14.59	4.62	NO	NO	0.8
B-13-35C	3	FS	1	23.41	11.08				0.5
B-13-36A	3	PROX	2	48.3	29.51	11.42	NO	YES	8
B-13-36B	3	PROX	1	10.55	6.8	6.83	NO	NO	0.1
B-13-37A	3	PROX	2	40.6	32.23	10.02	NO	YES	6.6
B-13-37B	3	PROX	1	12.03	9.08	3.4	NO	NO	0.1
B-13-37C	3	PROX	1	13.5	8.65	3.74	NO	NO	0.2
B-13-38	3	PROX	1	38.22	29.27	8.52	NO	NO	3.9
B-13-39	3	PROX	2	75.78	39.69	8.69	NO	NO	19.7
B-13-40	3	PROX	2	22.09	15.55	8.12	NO	NO	0.9
B-13-41	3	PROX	2	55.79	32.44	21.06	YES	NO	7.6
B-13-42A	3	PROX	2	39.73	16.08	26.06	NO	NO	1.2
B-13-42B	3	PROX	2	38.41	16.32	18.46	NO	NO	1.5
B-13-42C	3	FS	2	11.1	7.55				0.1

B-13-43	3	PROX	2	66	44.33	9.07	NO	NO	39.2
B-13-44	3	PROX	1	43.43	32.25	14.12	NO	NO	6.8
B-13-45	3	PROX	1	27.42	15.16	4.27	NO	NO	1.2
1	3	FS	1	19.29	16.06				0.4
2	3	PROX	1	22.33	12.03	4.26	NO	NO	0.4
3	3	PROX	2	20.76	11.88	18.73	NO	NO	0.3
4	3	PROX	3	20.74	14.41	11.15	NO	NO	0.6
5	3	PROX	1	22.09	13.84	7.76	NO	NO	0.5
6	3	PROX	1	16.71	13.48	4.84	NO	NO	0.2
7	3	PROX	1	17.2	16.6	6.2	NO	NO	0.3
8	3	PROX	2	14.18	7.41	8.04	NO	NO	0.1
9	3	PROX	1	20.47	17.2	4.07	NO	NO	1.1
10	3	PROX	2	18.07	16.14	7.17	NO	NO	0.7
11	3	PROX	1	16.49	13.23	2.91	NO	NO	0.4
12	3	FS	1	19.9	12.12				0.5
13	3	FS	2	13.14	9.71				0.2
14	3	PROX	2	17.32	13.38	4.91	NO	NO	0.3
15	3	PROX	1	18.3	14.76	6.62	NO	NO	0.4
16	3	PROX	1	24.63	11.16	8.05	NO	NO	0.6
17	3	PROX	1	18.02	9.78	3.93	NO	NO	0.2
18	3	PROX	1	20.64	18.18	7.48	NO	NO	1
19	3	FS	1	16.41	12.34				0.5
20	3	PROX	2	13.4	8.4	3.81	YES	NO	0.2
21	3	PROX	2	20.13	10.68	6.95	NO	NO	0.5
22	3	PROX	1	20.44	10.05	5.26	NO	NO	0.5
23	3	PROX	1	10.94	10.49	33.44	NO	NO	0.1
24	3	PROX	1	14.19	9.04	7.4	NO	NO	0.1
25	3	PROX	1	20.09	11.88	2.52	NO	NO	0.3
26	3	PROX	1	16.02	9.64	6.39	NO	NO	0.2
27	3	PROX	1	17.12	7.5	2.47	NO	NO	0.2
28	3	PROX	1	14.97	10.69	5.23	NO	NO	0.2
29	3	PROX	1	12.78	9.65	3.32	NO	NO	0.1
30	3	FS	1	17.02	8.39				0.2
31	3	ANG	3	17.08	10.43				0.6
32	3	FS	1	13.66	11.36				0.4
33	3	FS	3	22.17	13.31				0.6
34	3	PROX	1	18.81	11.07	4.62	NO	NO	0.4
35	3	FS	1	12.98	10.95				0.2
36	3	PROX	2	13.79	9.03	3.69	NO	NO	0.3
37	3	PROX	2	13.51	10.77	3.38	NO	NO	0.5
38	3	PROX	1	15.86	15.39	7.62	NO	NO	0.6

39	3	PROX	1	17.89	9.06	6.31	NO	NO	0.3
40	3	PROX	2	16.23	16.03	5.97	NO	NO	0.4
41	3	PROX	2	18.83	9.68	4.92	NO	NO	0.4
42	3	PROX	2	17.56	7.39	3.04	NO	NO	0.4
43	3	FS	1	19.78	11.39				0.1
44	3	PROX	1	12.62	11.54	3.24	NO	NO	0.2
45	3	PROX	1	12.68	9.51	9.2	NO	NO	0.2
46	3	PROX	1	14.41	9.5	5.51	NO	NO	0.2
47	3	FS	1	10.73	7.87				0.1
48	3	PROX	1	14.47	9.63	5.73	NO	NO	0.2
49	3	PROX	2	15.12	8.65	14.5	YES	NO	0.2
50	3	PROX	1	13.42	8.02	4.28	NO	NO	0.2
51	3	PROX	1	13.66	11.93	4.71	NO	NO	0.3
52	3	PROX	1	16.61	8.99	7.93	NO	NO	0.2
53	3	PROX	1	14.91	9.44	4.79	NO	NO	0.2
54	3	PROX	1	13.56	11.98	7.28	NO	NO	0.2
55	3	PROX	2	12.08	8.88	8.69	YES	NO	0.1
56	3	FS	1	13.08	8.19				0.1
57	3	PROX	2	11.58	9.94	8.81	NO	NO	0.2
58	3	PROX	1	12.7	6.85	4.26	NO	NO	0.1
59	3	PROX	1	10.27	7.74	6.28	NO	NO	0.1
60	3	PROX	2	15.31	8	4.35	NO	NO	0.2
61	3	FS	1	13.95	9.32				0.1
62	3	FS	1	10.58	9.2				0.1
63	3	PROX	1	11.16	8.24	3.83	YES	NO	0.1
64	3	PROX	1	12.43	7.85	5.48	NO	NO	0.1
65	3	PROX	1	11.49	10.8	5.85	YES	NO	0.2
66	3	PROX	1	12.83	10.11	7.52	NO	NO	0.2
67	3	PROX	1	11.3	8.01	10.56	NO	NO	0.1
68	3	FS	1	12.66	9.42				0.1
69	3	FS	1	11.09	10.94				0.1
70	3	PROX	1	9.27	9.08	8.45	NO	NO	0.1
71	3	PROX	1	10.49	8.29	4.06	NO	NO	0.1
72	3	PROX	1	10.34	8.72	8.01	NO	NO	0.1
74	3	PROX	1	10.8	6.9	3.82	NO	NO	0.1
75	3	PROX	2	11.49	8.58	7.9	NO	NO	0.2
76	3	PROX	1	9.61	7.52	7.98	NO	NO	0.1
77	3	PROX	1	9.88	8.48	3.6	NO	NO	0.1
78	3	PROX	2	9.21	8.28	4.56	NO	NO	0.1
79	3	PROX	1	10.04	8.37	6.41	NO	NO	0.1
80	3	PROX	1	9.5	9.34	5.95	NO	NO	0.1

B-14-1A	3	PROX	3	61.42	41.25	33.73	YES	NO	20.4
B-14-1B	3	PROX	2	14.84	8.84	11.73	YES	NO	0.2
B-14-2A	3	PROX	3	43.94	28.17	16.42	YES	NO	8.1
B-14-2B	3	FS	3	32.3	23.84				2
B-14-3A	3	PROX	3	26.46	11.97	6.72	NO	NO	0.5
B-14-3B	3	PROX	2	35.49	22.04	7.3	NO	NO	1.4
B-14-3C	3	PROX	2	16.39	7.41	9.88	NO	NO	0.1
B-14-4	3	PROX	3	55.11	47.12	25.34	NO	NO	12.7
B-14-5A	3	PROX	3	31.35	15.95	19.87	NO	NO	2.8
B-14-5B	3	FS	4	26.25	14.81				0.7
B-14-5C	3	PROX	2	22.44	12.46	2.82	NO	NO	0.4
B-14-6A	3	PROX	3	59.72	42.36	11.52	NO	NO	13.1
B-14-6B	3	ANG	2	29.46	14.78				2.3
B-14-7	3	PROX	2	29.35	23.13	4.41	NO	NO	3.1
B-14-8	3	PROX	3	21.2	12.42	12.89	YES	NO	0.7
B-14-9	3	PROX	2	51.34	27.97	19.19	YES	NO	7.5
B-14-10	3	PROX	3	18.65	11.64	16.41	NO	NO	0.4
B-14-11	3	PROX	2	24.22	17.95	14.89	YES	NO	1.4
B-14-12A	3	PROX	2	27.65	22.66	14.33	NO	NO	1.9
B-14-12B	3	FS	3	25.8	16.22				2.1
B-14-13A	3	PROX	2	30.06	18.21	11.97	YES	NO	1.5
B-14-13B	3	FS	1	17.71	12.52				0.2
B-14-14A	3	PROX	3	49.49	23.6	16.99	YES	YES	6.7
B-14-14B	3	FS	3	22.77	10.39				0.7
B-14-14C	3	FS	3	12.49	8.35				0.1
B-14-15	3	PROX	2	29.52	13.55	6.19	NO	NO	1.3
B-14-16	3	PROX	2	30.8	17.12	16.63	YES	NO	1.9
B-14-17A	3	PROX	2	26.26	22.8	10.59	NO	NO	1.3
B-14-17B	3	PROX	2	18.37	14.79	6.39	YES	NO	0.5
B-14-18	3	PROX	3	72.36	37.01	23.11	YES	NO	10.5
B-14-19A	3	PROX	2	80.27	42.25	12.19	NO	NO	39.2
B-14-19B	3	PROX	2	25.31	15.87	8	NO	NO	0.9
B-14-	3	PROX	1	24.67	9.25	6.19	NO	NO	0.6

19C									
B-14-20	3	PROX	2	41.41	28.83	14.74	NO	NO	5
B-14-21A	3	FS	1	22.86	14.28				0.9
B-14-21B	3	FS	1	15.99	8.87				0.4
B-14-21C	3	FS	1	13.86	6				0.2
B-14-22A	3	PROX	3	46.37	24.59	13.73	NO	NO	2.7
B-14-22B	3	PROX	3	29	28.4	19.09	NO	NO	2.1
B-14-22C	3	FS	3	16.13	9.76				0.2
B-14-23	3	PROX	2	89.18	32.25	15.43	NO	NO	25.7
B-14-24A	3	PROX	3	64.7	20.21	7.23	NO	NO	11.8
B-14-24B	3	FS	1	23.75	10.27				0.3
B-14-24C	3	PROX	3	21.13	11.94	10.75	YES	NO	0.3
B-14-25	3	PROX	2	87.19	32.09	24.12	YES	NO	25.2
B-14-26A	3	FS	3	36.77	16.41				1.6
B-14-26B	3	FS	2	12.96	8.83				0.1
B-14-27	3	PROX	2	28.15	24.63	14.04	NO	NO	1.8
B-14-28A	3	PROX	2	49.47	33.06	11.37	NO	YES	11.2
B-14-28B	3	FS	2	13.58	7.42				0.2
B-14-28C	3	FS	1	12.05	7.81				0.1
B-14-29	3								
B-14-30	3	PROX	2	52.92	25.65	8.29	NO	YES	4.2
B-14-31	3	PROX	2	55.95	53.51	27.72	YES	NO	16.7
B-14-32	3	PROX	2	29.79	27.67	14.34	NO	NO	2.8
B-14-33	3	PROX	2	41.16	29.5	12.25	NO	NO	5.5
B-14-34A	3	PROX	2	25.59	20.25	12.58	YES	NO	2.4
B-14-34B	3	FS	1	19.67	9.26				0.4
B-14-34C	3	PROX	1	12.4	8.85	2.39	NO	NO	0.1
B-14-34D	3	FS	1	11.24	7.4				0.1

B-14-35	3	PROX	1	21.83	11.38	5.45	YES	NO	0.7
B-14-36	3	PROX	2	28	17.85	4.13	NO	NO	1.5
B-14-36B	3	FS	2	30.11	15.3				1
B-14-37	3	PROX	3	28.35	24.25	15.8	NO	NO	2.6
B-14-38	3	PROX	3	27.2	13.38	12.81	YES	NO	1.1
B-14-39	3	PROX	2	74.46	41.56	21.39	NO	NO	17
b-14-40	3	PROX	1	22.52	17.14	8.5	YES	NO	1.3
B-14-41	3	PROX	2	29.91	21.63	12.4	YES	NO	1.5
B-14-42	3	PROX	2	48.73	26.72	10.41	NO	YES	3.8
B-14-43	3	PROX	2	45.6	41.1	24.33	YES	NO	10.3
B-14-44	3	PROX	1	17.92	18.71	14.6	YES	NO	0.8
B-14-45	3	PROX	2	58.03	48.52	34.5	YES	NO	17
B-14-46	3	PROX	1	26.79	22.69	15.12	NO	NO	1.6
B-14-47	3	PROX	2	33.98	31.35	21.17	YES	NO	5.1
B-14-48	3	PROX	3	33.04	22.12	13.76	NO	NO	3.3
B-14-49	3	PROX	2	29.48	19.16	8.53	NO	NO	2.3
B-14-50	3	PROX	2	27.3	15.53	24.66	YES	NO	1.4
B-14-51	3	PROX	1	27.91	16.12	6.92	NO	YES	0.7
B-14-52	3	PROX	2	22.07	15.74	6.12	NO	NO	1.1
B-14-53	3	PROX	2	49.03	26.17	8.75	NO	NO	8.8
B-14-54	3	PROX	2	26.35	19.77	9.89	NO	NO	2.3
B-14-55A	3	PROX	1	23.93	12.88	3.89	NO	NO	0.8
B-14-55B	3	FS	1	25.45	15.8				0.6
B-14-56	3	PROX	3	26.12	20.25	8.26	NO	NO	2.3
B-14-57A	3	PROX	2	21.9	14.77	20.97	YES	NO	0.8
B-14-57B	3	FS	1	12.81	10.02				0.1
B-14-57C	3	FS	1	14.88	6.16				0.1
B-14-58	3	PROX	2	49.19	43.91	12.52	NO	NO	9.3
B-14-59	3	PROX	1	25.33	13.33	19.53	NO	NO	0.7
B-14-60A	3	PROX	1	26.16	16.52	23.16	NO	NO	1.9
B-14-60B	3	FS	1	20.73	11.71				0.4
B-14-60C	3	FS	1	18.19	12.8				0.4
B-14-61	3	PROX	2	30.7	25.85	14.89	NO	NO	2.9
B-14-62A	3	PROX	1	16.76	7.88	6.1	NO	NO	0.3

B-14-62B	3	FS	1	25.61	21.98				1.3
B-14-63	3	PROX	1	20.07	14.61	15.41	NO	NO	0.6
1	3	PROX	2	12.08	10.85	8.94	YES	NO	0.2
2	3	PROX	1	22.1	11.27	3.39	NO	NO	0.5
3	3	FS	2	25.77	14.18				0.4
4	3	FS	1	20.5	11.52				0.3
5	3	FS	1	15.19	10.25				0.2
6	3	PROX	2	15.85	10.43	12.07	YES	NO	0.4
7	3	PROX	1	13.55	7.56	5.4	NO	NO	0.2
8	3	PROX	1	17.34	15.21	13.38	NO	NO	0.5
9	3	PROX	2	18.36	11.71	12.94	YES	NO	0.5
10	3	FS	1	13.57	8.38				0.1
11	3	PROX	1	12.42	10.38	3.33	NO	NO	0.2
12	3	PROX	2	19.68	13.98	2.25	NO	NO	0.6
13	3	PROX	1	12.83	12.16	8.9	NO	NO	0.3
14	3	PROX	1	14.92	10.04	8.26	NO	NO	0.4
15	3	FS	1	18.16	12.44				0.2
16	3	FS	1	16.81	9.55				0.3
17	3	FS	1	13.42	12.7				0.2
18	3	PROX	1	15.87	8.95	9.83	NO	NO	0.3
19	3	PROX	2	21.72	12.93	4.94	YES	NO	0.6
20	3	PROX	2	13.82	7.47	8.49	YES	NO	0.3
21	3	PROX	1	17.25	13.13	7.03	YES	NO	0.5
22	3	PROX	1	15.25	9.22	7.06	NO	NO	0.4
23	3	ANG	2	15.18	7.73				0.5
24	3	PROX	1	29.5	13.09	12.53	NO	NO	1.3
25	3	PROX	1	14.25	9.53	2.36	NO	NO	0.5
26	3	PROX	2	13.66	9.68	4.08	NO	NO	0.3
27	3	PROX	2	15.72	13.1	10.15	YES	NO	0.3
28	3	PROX	2	17.68	9.08	1.93	YES	NO	0.4
29	3	PROX	1	14.28	8.73	4.08	NO	NO	0.4
30	3	FS	1	11.65	8.87				0.2
31	3	PROX	2	15.06	14.07	7.1	YES	NO	0.5
32	3	FS	1	14.49	9.54				0.3
33	3	PROX	1	12.67	8.79	5.79	NO	NO	0.3
34	3	FS	1	14.97	7.31				0.4
35	3	PROX	2	14.67	15.27	12.26	NO	NO	0.6
36	3	FS	2	13.27	11.98				0.4
37	3	PROX	1	15.32	10.25	10.01	YES	NO	0.5
38	3	FS	1	14.13	9.36				0.3
39	3	PROX	1	14.89	13.32	14.39	NO	NO	0.4

40	3	PROX	2	12.98	9.28	3.73	YES	NO	0.6
41	3	FS	2	13.67	12.98				0.6
42	3	PROX	2	19.05	11.73	10.87	YES	NO	0.5
43	3	FS	1	25.7	9.88				0.5
44	3	PROX	1	19.41	15.44	7.38	NO	NO	0.6
45	3	PROX	1	12.04	6.02	6.18	NO	NO	0.3
46	3	PROX	1	16.49	9.27	6.05	NO	NO	0.6
47	3	FS	1	17.14	10.3				0.5
48	3	PROX	1	13.19	9.97	2.94	NO	NO	0.4
49	3	PROX	2	15.12	12.56	8.65	NO	NO	0.6
50	3	PROX	1	12.07	8.63	3.14	NO	NO	0.3
51	3	PROX	3	12.27	9.35	6.89	NO	NO	0.4
52	3	PROX	1	8.87	9.37	4.23	NO	YES	0.3
53	3	PROX	1	12.11	9.27	4.89	NO	NO	0.4
54	3	FS	1	9.98	8.08				0.3
55	3	PROX	1	14.61	11.55	3.94	NO	NO	0.3
56	3	PROX	1	12.23	8	6.67	NO	NO	0.3
57	3	PROX	1	13.79	8.43	6.43	NO	NO	0.1
58	3	PROX	3	13.11	8.5	4.41	YES	NO	0.1
59	3	PROX	2	16.41	10.02	3.75	NO	NO	0.4
60	3	PROX	1	11.37	7.66	7.11	NO	NO	0.1
61	3	PROX	1	13.06	8.38	13.07	NO	NO	0.3
62	3	PROX	2	12.46	9.87	5.47	YES	NO	0.1
63	3	FS	1	9.12	8.88				0.1
64	3	PROX	3	13.61	10.11	4.42	NO	NO	0.2
65	3	PROX	1	13.04	8.57	4.18	NO	NO	0.2
66	3	PROX	2	19.54	12.15	3.99	NO	NO	0.3
67	3	FS	4	12.4	7.66				0.1
68	3	PROX	1	13.97	8.25	3.71	NO	NO	0.3
69	3	PROX	1	11.91	10.7	7.28	NO	NO	0.2
70	3	PROX	3	11.8	8.4	5.8	NO	NO	0.1
71	3	PROX	2	18.95	11.49	9.31	NO	NO	0.5
72	3	FS	1	9.58	7.98				0.1
73	3	ANG	1	15.61	7.71				0.4
74	3	PROX	2	11.8	10.62	3.92	YES	NO	0.3
75	3	FS	3	12.21	7.7				0.2
76	3	PROX	2	10.56	8.6	4.58	NO	NO	0.2
77	3	PROX	3	10.73	8.5	3.15	NO	NO	0.1
B-15-1A	3	PROX	2	50.16	25.02	12.4	NO	NO	7.3
B-15-1B	3	PROX	1	20.24	15.09	11.47	NO	NO	0.8
B-15-1C	3	PROX	2	13.08	7.56	4.65	NO	NO	0.1

B-15-1D	3	FS	1	12.73	7.79				0.2
B-15-2A	3	PROX	3	60.07	35.88	16.24	NO	NO	17.2
B-15-2B	3	FS	4	41.43	32.84				4.3
B-15-2C	3	FS	4	18.28	8.57				0.4
B-15-3A	3	PROX	1	33.99	20.66	16.95	NO	NO	3
B-15-3B	3	PROX	1	34.61	31.59	19.81	NO	NO	2
B-15-4A	3	PROX	2	35.3	27.01	16	NO	NO	3
B-15-4B	3	PROX	1	22.38	9	2.09	NO	NO	0.4
B-15-5A	3	PROX	2	66.9	34.93	27.61	YES	NO	26.4
B-15-5B	3	PROX	2	25.6	9.24	6.93	NO	NO	0.6
B-15-5C	3	ANG	1	18.28	13.93				1.4
B-15-5D	3	FS	1	22.75	11.21				0.6
B-15-6A	3	PROX	1	18.24	9.38	8.57	NO	NO	0.2
B-15-6B	3	PROX	1	23.28	10.67	6.35	NO	NO	0.5
b-15-6c	3	FS	1	15.75	6.96				0.1
B-15-7A	3	PROX	1	20.98	14.75	6.24	NO	NO	0.5
B-15-7B	3	PROX	1	15.72	11.13	2.48	NO	NO	0.2
B-15-7C	3	PROX	1	15.11	7.84	2.58	NO	NO	0.2
B-15-7D	3	FS	1	15.86	13.09				0.3
B-15-8A	3	PROX	1	15.01	11.26	5.01	NO	NO	0.3
B-15-8B	3	FS	1	24.5	14.42				0.4
B-15-8C	3	PROX	1	14.65	10.7	12.47	NO	NO	0.4
B-15-9A	3	PROX	1	13.55	11.73	4.36	NO	NO	0.1
B-15-9B	3	PROX	1	13.41	9.16	5.75	NO	NO	0.1
B-15-9C	3	PROX	1	14.63	10.07	4.72	NO	NO	0.1
B-15-10	3	FS	1	12.68	7.88				0.1
B-15-11A	3	PROX	2	33.96	18.24	6.85	NO	NO	1.4
B-15-11B	3	FS	1	14.61	11.72				0.1
B-15-12	3	PROX	2	34.51	25.26	8.85	YES	NO	2.7
B-15-13A	3	PROX	1	17.28	13.52	5.11	NO	YES	0.9
B-15-13B	3	FS	1	35.79	26.43				5.1
B-15-13C	3	FS	1	30.11	29.35				2.8
B-15-14A	3	PROX	1	15.75	10.5	7.12	NO	NO	0.3
B-15-14B	3	PROX	1	15.26	6.51	3.5	NO	NO	0.2
B-15-14C	3	PROX	1	18.82	7.69	3.21	NO	NO	0.2

B-15-14D	3	PROX	1	12.76	11.71	3.37	NO	NO	0.2
B-15-14E	3	FS	1	10.72	8.17				0.1
B-15-15A	3	PROX	1	12.97	9.63	7.07	NO	NO	0.1
B-15-15B	3	FS	1	13.73	10.67				0.1
b-15-15c	3	FS	2	16.73	11.03				0.3
B-15-16A	3	PROX	2	13.51	11.37	6.4	NO	NO	0.1
B-15-17A	3	PROX	1	47.37	28.88	30.96	NO	NO	8.4
B-15-17B	3	FS	1	30.22	10.12				1
B-15-18	3	PROX	1	42.82	34.34	10.24	NO	YES	4.8
B-15-19A	3	PROX	1	12.81	7.82	2.06	YES	NO	0.1
B-15-19B	3	PROX	1	20.51	13.71	5.2	NO	NO	0.5
B-15-19C	3	PROX	1	20.12	9.28	1.88	NO	NO	0.2
B-15-20A	3	PROX	1	52.37	35.17	19.5	NO	YES	3.5
B-15-20B	3	FS	1	16.7	8.06				0.1
B-15-21A	3	PROX	1	12.75	8.36	7.11	NO	NO	0.2
B-15-21B	3	FS	1	21.31	13.12				0.3
B-15-21C	3	FS	1	15.51	6.86				0.1
B-15-22A	3	PROX	3	20.98	13.48	2.83	YES	YES	0.7
B-15-22B	3	PROX	3	18.27	7.3	2.76	YES	NO	0.2
B-15-22C	3	FS	2	18.99	9.76				0.6
B-15-23	3	PROX	1	14.36	6.9	11.13	NO	NO	0.3
B-15-24A	3	PROX	1	25.53	14.11	11.75	NO	NO	2.7
B-15-24B	3	ANG	1	21.47	13.84				1.6
B-15-25A	3	PROX	1	19.55	13.1	9.99	NO	NO	0.7

B-15-25B	3	FS	1	17.42	11.85				0.7
B-15-26	3	PROX	2	22.84	16	11.99	YES	NO	1.6
B-15-27	3	PROX	1	32.02	17.94	7.45	NO	NO	2.3
B-15-28A	3	PROX	2	18.72	11.52	3.36	NO	NO	0.5
B-15-28B	3	FS	2	20.16	9.61				0.2
B-15-29	3	PROX	2	12.89	10.89	3.27	NO	NO	0.2
B-15-30A	3	PROX	1	15.94	13.27	6.55	NO	NO	0.5
B-15-30B	3	PROX	3	16.09	10.94	5.73	NO	NO	0.3
B-15-30C	3	FS	2	14.02	11.16				0.1
B-15-31	3	PROX	1	66.56	47.04	18.27	NO	NO	18.3
B-15-32A	3	PROX	1	16.79	9.78	8.13	YES	NO	0.4
B-15-32B	3	PROX	1	26.62	9.86	12.55	NO	NO	0.6
B-15-33A	3	PROX	1	18.83	12.47	13.16	NO	NO	0.5
B-15-33B	3	PROX	1	20.74	13.51	8.11	NO	NO	0.8
B-15-34A	3	PROX	2	45.87	26.74	9.68	NO	NO	9
B-15-34B	3	PROX	2	35.88	20.28	8.25	YES	NO	6.1
B-15-34C	3	ANG	2	16.64	11.29				0.6
B-15-35A	3	PROX	2	59.92	36.46	3.62	YES	NO	7.1
B-15-35B	3	FS	2	31.68	14.87				1.2
B-15-36A	3	PROX	2	26.66	20.98	11.94	NO	NO	3.3
B-15-36B	3	PROX	1	21.8	11.1	12.68	NO	NO	0.5
B-15-36C	3	FS	3	16.88	14.27				0.4
B-15-37	3	PROX	2	30.48	15.25	6.83	NO	NO	1.2
B-15-38	3	PROX	1	15.85	10.4	8.88	NO	YES	0.3
B-15-39	3	PROX	1	12.6	10.46	3.55	NO	NO	0.1
B-15-40	3	PROX	1	34.65	26.16	21.98	NO	NO	6.6
B-15-41	3	PROX	2	24.45	19.18	11.01	YES	NO	1.7
B-15-	3	PROX	1	28.01	16.37	8.6	NO	NO	1.3

42A									
B-15-42B	3	PROX	2	19.52	6.69	3.52	NO	NO	0.3
B-15-43A	3	PROX	2	24.73	22.15	7.66	YES	NO	1.8
B-15-43B	3	PROX	2	18.01	13.93	4.4	YES	NO	1.3
B-15-44A	3	PROX	2	21.34	16.76	16.18	YES	NO	1.7
B-15-44B	3	FS	1	27.63	14.99				1.2
B-15-45	3	PROX	1	21.53	14.22	13.07	NO	NO	1.1
B-12-46	3	PROX	1	40.18	27.21	8.33	NO	NO	3.3
B-12-47	3	PROX	1	40.45	21	7.25	NO	NO	2.2
B-12-48	3	PROX	1	21.15	15.96	7.7	NO	YES	0.7
B-12-49	3	PROX	1	38.79	24.2	5.89	YES	NO	2.6
B-12-50	3	PROX	1	24.84	15.68	9.37	NO	YES	1.3
B-12-51	3	PROX	1	32.11	24.38	7.5	YES	NO	3
B-12-52A	3	PROX	1	36.86	35.42	11.04	NO	YES	3.8
B-12-52B	3	FS	1	19.72	10.34				0.5
B-12-53A	3	PROX	1	53.99	26.49	10.91	NO	YES	6.1
B-12-53B	3	FS	1	20.42	15.56				0.4
B-12-54	3	PROX	1	14.35	12.48	4.13	NO	NO	0.3
B-12-55	3	PROX	3	24.88	14.98	8.44	NO	YES	0.7
B-12-56	3	PROX	2	19.33	18.16	17.55	NO	NO	0.8
B-12-57A	3	PROX	1	15.23	13.3	12.23	NO	NO	0.7
B-12-57B	3	FS	1	21.73	17.38				0.6
B-12-58	3	PROX	2	31.61	20.43	8.86	NO	NO	3.1
1	3	FS	1	18.47	8.8				0.1
2	3	PROX	1	13.66	11.23	4.61	NO	NO	0.2
3	3	PROX	1	17.4	9.83	6.32	NO	NO	0.3
4	3	PROX	1	10	9.02	4.83	NO	NO	0.1
5	3	PROX	1	9.54	8.79	3.34	NO	NO	0.1
6	3	PROX	2	14.91	9.03	4.05	NO	NO	0.2
7	3	PROX	1	14.84	7.84	7.18	NO	NO	0.3
8	3	PROX	1	20.02	9.58	7.65	NO	NO	0.1
9	3	FS	1	13.77	6.99				0.1
10	3	FS	1	12.11	9.42				0.1

11	3	PROX	1	12.35	6.99	9.39	NO	NO	0.1
12	3	PROX	1	10.45	7.7	2.75	NO	NO	0.1
13	3	FS	1	11.4	7.48				0.1
14	3	FS	1	12.08	6.83				0.1
15	3	ANG	1	14.31	8.26				0.3
16	3	FS	1	9.61	6.83				0.1
17	3	PROX	1	9.45	6.97	3.26	NO	NO	0.1
18	3	PROX	3	11.06	7.49	4.79	NO	NO	0.1
B-16-1A	4	PROX	2	43.27	28.24	11.99	NO	NO	12.2
B-16-1B	4	PROX	2	24.96	19.11	17.05	YES	NO	1.4
B-16-2A	4	PROX	3	33.09	26.56	24.27	NO	NO	4.3
B-16-2B	4	FS	2	13.88	10.18				0.1
B-16-3A	4	PROX	2	29.08	15.39	7.18	NO	NO	2
B-16-3B	4	FS	2	22.05	11.72				0.5
B-16-3C	4	FS	3	14.46	8.91				0.1
B-16-4A	4	PROX	2	40.72	24.87	9.82	NO	NO	8.8
B-16-4B	4	FS	1	26.22	11.9				0.8
B-16-5	4	PROX	2	72.12	38.51	34.96	YES	NO	25.9
B-16-6	4	PROX	2	26.56	21.11	8.52	YES	NO	1.3
B-16-7	4	PROX	2	42.85	30.95	13.19	YES	NO	12.5
B-16-8	4	PROX	3	38.53	12.77	11.11	YES	NO	3.2
B-16-9A	4	FS	2	25.16	14.47				0.3
B-16-9B	4	PROX	2	14.91	12.3	10.16	NO	NO	0.2
B-16-9C	4	PROX	2	17.5	8.1	6.55	YES	NO	0.2
B-16-10	4	PROX	2	15.36	9.57	3.66	NO	NO	0.2
B-16-11	4	PROX	3	23.12	13.2	5.08	NO	NO	0.7
B-16-12	4	PROX	2	47.16	42.54	15.18	YES	NO	8.1
B-16-13	4	FS	2	14.3	10.95				0.3
B-16-14	4	PROX	2	17.24	10.46	7.36	YES	NO	0.4
B-16-15	4	PROX	2	11.56	8.64	6.23	NO	NO	0.2
B-16-16	4	PROX	2	32.44	18.21	3.34	NO	NO	1.8
B-16-17A	4	PROX	2	26.19	19.11	6.23	NO	NO	1.3
B-16-17B	4	PROX	1	15.35	11.06	4.56	NO	NO	0.4
B-16-17C	4	PROX	2	12.17	11.37	11.21	YES	NO	0.4
B-16-18	4	PROX	2	27.07	15.42	3.42	YES	NO	0.7
B-16-19	4	PROX	2	41.97	26.34	25.56	YES	NO	3.9
B-16-20	4	PROX	2	33.86	25.31	11.69	YES	NO	3.3
B-16-21	4	PROX	1	10.85	8.13	5.78	NO	NO	0.1
B-16-22	4	PROX	2	18.17	14.75	7.29	YES	NO	0.6

B-16-23A	4	PROX	1	29.41	17.74	6.78	NO	NO	1.9
B-16-23B	4	PROX	2	14.43	10.74	6.56	NO	NO	0.6
B-16-24A	4	PROX	2	29.14	24.08	11.32	YES	NO	1.5
B-16-24B	4	FS	3	13.97	6.25				0.5
B-16-25	4	FS	1	18.13	13.08				0.9
B-16-26	4	FS	1	26.55	17.69				1.5
B-16-27A	4	PROX	2	53.54	36.72	9.85	YES	NO	14.8
B-16-27B	4	PROX	2	57.27	22.15	5.34	NO	NO	6.3
B-16-28A	4	PROX	2	35.27	22.95	6.88	NO	NO	2.1
B-16-28B	4	PROX	3	17.08	9.08	3.53	YES	NO	0.4
B-16-29	4	PROX	1	15.32	9.15	3.21	NO	NO	0.2
B-16-30	4	PROX	2	49.94	20.12	33.06	YES	NO	11.2
B-16-31	4	PROX	1	40.66	18.38				3.4
B-16-32	4	PROX	1	40.68	19.07	15.44	NO	NO	3.4
B-16-33A	4	PROX	2	15.11	10.6	6.72	NO	NO	0.2
B-16-33B	4	PROX	1	25.29	13.06	8.41	NO	NO	1.4
B-16-34	4	PROX	3	27.48	19.56	8.9	YES	NO	2.3
B-16-35A	4	FS	2	16.38	11.48				0.5
B-16-35B	4	FS	1	14.97	8.58				0.5
B-16-35C	4	PROX	1	13.91	11.21	2.43	NO	NO	0.4
B-16-36	4	PROX	1	14.8	11.49	6.52	NO	NO	0.1
B-16-37	4	PROX	1	17.15	13.66	3.96	YES	YES	0.4
B-16-38	4	PROX	2	42.26	31.21	20.79	NO	NO	3.7
B-16-39A	4	PROX	1	29.71	25.12	8.04	NO	NO	2.2
B-16-39B	4	PROX	3	17.76	11.49	2.44	NO	NO	0.6
B-16-40	4	PROX	1	33.21	19.05	9.94	NO	NO	1.9
B-16-41	4	ANG	2	12.92	8.89				0.6
B-16-42	4	PROX	1	22.5	23.44	3.02	NO	NO	1.4
B-16-43	4	PROX	1	31.11	25.76	19.86	NO	NO	2.7
B-16-44	4	PROX	1	32.77	15.54	11.39	NO	NO	1.6

B-16-45	4	PROX	1	37.35	19.7	7.94	NO	NO	2.1
B-16-46A	4	PROX	2	28.78	17.19	3.49	NO	NO	2.3
B-16-46B	4	FS	1	12.93	10.47				0.2
B-16-47A	4	PROX	3	24.99	15.16	4.66	YES	NO	1.7
B-16-47B	4	FS	1	13.41	7.95				0.1
B-16-47C	4	FS	3	43.46	24.64				8.2
B-16-48	4	PROX	1	14.68	10.69	8.06	YES	NO	0.3
B-16-49	4	PROX	1	35.4	17.46	3.58	NO	NO	1.7
B-16-50	4	PROX	2	30.78	20.69	2.12	NO	NO	1.4
1	4	PROX	1	31.66	21.38	7.9	NO	NO	1.6
2	4	PROX	2	29.63	13.03	11.34	NO	NO	1.5
3	4	PROX	2	17.44	16.12	12.24	YES	NO	0.7
4	4	FS	2	14.84	10.38	2.11	NO	NO	0.3
5	4	PROX	1	10.96	7.82	2.4	NO	NO	0.1
6	4	PROX	2	13.29	10.43	4.21	YES	NO	0.2
7	4	FS	2	19.59	10.3				0.4
8	4	PROX	2	17.11	15.13	8.58	YES	NO	0.4
9	4	PROX	2	10.51	9.32	3.19	YES	NO	0.2
10	4	FS	2	13.62	10.54				0.2
11	4	FS	1	13.21	10.18				0.3
12	4	FS	1	15.02	7.1				0.4
13	4	PROX	1	11.74	10.56	3.6	NO	NO	0.3
14	4	PROX	1	16.74	12.15	7.14	YES	NO	0.4
15	4	PROX	1	10.58	10.19	2.71	NO	NO	0.2
16	4	PROX	1	10.79	7.97	1.82	NO	NO	0.1
17	4	PROX	1	10.56	8.58	7.61	NO	NO	0.1
18	4	PROX	1	10.1	8.64	5.04	NO	NO	0.2
19	4	PROX	2	10.27	7.88				0.1
20	4	PROX	3	12.42	8.09	2.66	NO	NO	0.2
21	4	FS	2	13.18	9.63				0.2
22	4	PROX	1	8.12	8.11	4.71	YES	NO	0.1
23	4	PROX	2	11.02	8.5	9.39	YES	NO	0.1
24	4	PROX	2	11.38	7.52	6.53	YES	NO	0.2
25	4	PROX	2	15.2	11.96	7.2	YES	NO	0.4
26	4	PROX	2	12.86	7.94	6.01	YES	NO	0.3
27	4	FS	3	14.76	6.68				0.3
28	4	FS	2	12.48	8.26				0.3

29	4	PROX	3	13.41	8.09	2.7	NO	NO	0.2
30	4	PROX	4	9.22	7.16	9.2	NO	NO	0.3
31	4	ANG	2	17.32	9.29				0.6
B-17-1A	4	PROX	2	21.07	11.69	5.23	NO	NO	0.3
B-17-1B	4	FS	3	13.27	8.73				0.1
B-17-1C	4	FS	3	15.78	11.43				0.2
B-17-2	4	PROX	2	33.95	27.21	18.5	YES	NO	2.7
B-17-3A	4	PROX	3	35.44	21.65	9.77	NO	NO	3.1
B-17-3B	4	FS	3	35.51	18.26				0.8
B-17-3C	4	FS	3	15.98	16.77				0.3
B-17-3D	4	FS	4	18.88	10.1				0.3
B-17-3E	4	FS	2	21.09	14.43				0.8
B-17-4A	4	PROX	3	31.55	19.75	9.09	NO	NO	3.4
B-17-4B	4	PROX	2	19.57	11.58	11.44	NO	NO	0.5
B-17-5	4	PROX	2	50.51	40.44	28.21	YES	NO	12.1
B-17-6A	4	PROX	2	20.4	20.51	10.51	NO	NO	2
B-17-6B	4	FS	3	20.17	15.2				0.9
B-17-6C	4	FS	3	18.43	13.45				0.7
B-17-6D	4	FS	2	20.73	7.09				0.2
B-17-7A	4	PROX	2	20.46	17.7	17.9	YES	NO	1
B-17-7B	4	FS	3	19.51	8.85				0.4
B-17-8	4	PROX	1	20.12	14.83	7.45	NO	NO	0.4
B-17-9A	4	PROX	1	21.48	10.76	4.15	NO	NO	0.2
B-17-9B	4	PROX	3	18.93	9.04	5.41	NO	NO	0.4
B-17-10	4	FS	3	23.56	13.33				0.5
B-17-11	4	PROX	3	44.02	37.17	6.48	YES	NO	11.3
B-17-12A	4	PROX	2	57.28	34.12	3.73	NO	NO	10.3
B-17-12B	4	PROX	2	21.67	16.41	16.96	YES	NO	1.7
B-17-12C	4	PROX	1	15.95	11.99	6.38	NO	NO	0.4
B-17-13	4	PROX	3	31.34	23.43	12.37	NO	NO	1.7
B-17-14	4	PROX	1	17.07	12.17	7.66	NO	NO	0.2
B-17-15A	4	PROX	3	45.09	26.28	11.58	NO	NO	3.2
B-17-15B	4	PROX	3	70.83	39.12	7.74	NO	NO	16.2
B-17-16	4	PROX	2	48.26	32.82	16.29	YES	NO	6.7
B-17-17	4	PROX	2	23.38	19.86	9.98	YES	NO	1.1
B-17-18	4	PROX	2	34.73	33.97	10.3	NO	NO	3.5
B-17-19A	4	PROX	2	48.31	35.5	26.58	NO	NO	8

B-17-19B	4	PROX	2	27.82	19.73	16.06	NO	NO	2.8
B-17-19C	4	FS	1	21.34	20.36				1
B-17-20	4	PROX	2	28.66	14.87	4.24	NO	NO	1.2
B-17-21	4	PROX	2	29.18	14.66	9.57	YES	NO	0.9
B-17-22	4	PROX	2	19.36	14.22	19.49	YES	NO	1
B-17-23	4	PROX	2	17.76	15.96	5.42	NO	NO	0.7
B-17-24	4	PROX	2	33.33	21.31	13.7	YES	NO	3.5
B-17-25A	4	PROX	2	15.84	13.42	2.86	NO	NO	0.3
B-17-25B	4	FS	3	14.32	11.64				0.4
B-17-26	4								
B-17-27	4	PROX	1	17.54	13.24	5.2	NO	YES	0.3
B-17-28	4	PROX	2	25.68	17.05	6.26	YES	NO	1.1
B-17-29	4	PROX	2	18.83	9.79	4.01	NO	NO	0.3
B-17-30	4	PROX	2	33.49	13.8	23.49	NO	NO	2
B-17-31	4	PROX	1	22.76	12.21	5.61	NO	NO	0.4
B-17-32	4	PROX	2	19.74	11.31	17.45	YES	NO	0.8
B-17-33A	4	PROX	2	54.28	33.01	6.28	NO	NO	10.1
B-17-33B	4	FS	3	23.61	9.98				0.5
B-17-34A	4	FS	3	20.46	11.97				0.3
B-17-34B	4	FS	2	16.69	11.27				0.3
B-17-35	4	PROX	2	46.22	30.06	35.26	NO	NO	11.9
B-17-36	4	PROX	2	23.01	14.48	9.29	NO	NO	1.4
B-17-37	4	PROX	2	33.78	24.33	16.08	NO	NO	5.2
B-17-38	4	PROX	2	28.93	18.26	28.9	NO	NO	3.3
B-17-39	4	FS	2	32.92	20.96				1.1
B-17-40A	4	PROX	2	39.51	22.12	7.43	NO	NO	3
B-17-40B	4	PROX	2	31.72	26.65	8.61	NO	NO	1.4
B-17-40C	4	PROX	2	29.06	14.87	5.24	NO	NO	1.2
B-17-40D	4	FS	2	24.86	10.68				0.5
B-17-41	4	PROX	1	17.24	9.57	9.16	NO	NO	0.4
B-17-42	4	PROX	2	35.44	11.73	3.48	NO	NO	1
B-17-43	4	PROX	2	38.27	25.74	8.49	NO	NO	4.3

B-17-44	4	PROX	2	33.73	17.72	17.08	NO	NO	1.9
B-17-45	4								
B-17-46	4	PROX	2	27.79	16.88	7.97	NO	NO	1.3
B-17-47A	4	PROX	1	15.09	9.14	3.14	NO	NO	0.1
B-17-47B	4	PROX	2	20.42	10.32	9.23	NO	NO	0.4
B-17-47C	4	PROX	1	10.76	8.29	1.21	NO	NO	0.2
B-17-48	4	PROX	1	19.86	14.14	5.24	NO	NO	0.7
B-17-49	4	PROX	2	42.48	35.16	10.65	NO	NO	6.2
1	4	PROX	2	24.99	14.76	6.27	NO	NO	0.8
2	4	PROX	2	28.35	14.72	17.94	NO	NO	1.6
3	4	PROX	2	16.14	11.04	10.92	NO	NO	0.5
4	4	FS	1	14.6	13.31				0.3
5	4	PROX	2	19.78	10.24	11.82	YES	NO	0.7
6	4	FS	1	14.77	7.93				0.4
7	4	PROX	1	13.02	9.85	2.89	NO	NO	0.5
8	4	FS	1	9.3	7.98				0.4
9	4	PROX	1	15.08	9.33	5.04	NO	NO	0.1
10	4	PROX	3	15.37	11.53	8.78	NO	NO	0.2
11	4	ANG	2	17.3	8.02				0.6
12	4	PROX	2	12.94	9.65	10.08	NO	NO	0.3
13	4	PROX	1	21.28	12.54	10.52	NO	NO	0.8
14	4	FS	3	14.06	8.65				0.2
15	4	PROX	2	12.85	11.81	5.79	NO	NO	0.3
16	4	FS	1	13.38	9.07				0.3
17	4	PROX	1	22.12	14.18	13.65	NO	NO	1.1
18	4	PROX	2	14.96	8.79	4.92	NO	NO	0.3
19	4	FS	2	16.16	13.88				0.4
20	4	FS	1	12.09	10.2				0.4
21	4	PROX	1	12.04	10.95	4.66	NO	NO	0.3
22	4	PROX	1	14.4	9.2	4.32	NO	NO	0.3
23	4	FS	1	13.67	7.68				0.4
24	4	PROX	2	16.13	13.3	12.19	YES	NO	0.6
25	4	PROX	1	11.44	10.22	1.99	NO	NO	0.4
26	4	PROX	1	9.78	8.65	2.83	NO	NO	0.3
27	4	PROX	1	10.27	11.22	4.44	NO	NO	0.1
28	4	PROX	3	19.6	11.73	6.17	YES	NO	0.5
29	4	ANG	1	16.33	9.96				0.5
30	4	PROX	1	9.68	9.1	4.04	NO	NO	0.1
31	4	FS	1	11.93	9.99				0.2

32	4	FS	4	14.94	8.89				0.3
33	4	PROX	1	10.18	9.27	3.37	NO	NO	0.2
34	4	FS	1	12.09	8.02				0.1
35	4	PROX	1	11.88	8.22	4.28	NO	NO	0.1
36	4	FS	1	15.45	8.38				0.2
37	4	PROX	1	10.16	9.07	3.41	NO	NO	0.1
38	4	PROX	2	13.96	5.99	9.9	YES	NO	0.3
39	4	FS	1	11.04	9.02				0.2
40	4	FS	2	15.38	9.19				0.5
41	4	FS	1	14.58	9.16				0.3
42	4	PROX	2	9.53	8.05	1.32	NO	NO	0.2
43	4	FS	2	11.34	10.96				0.3
44	4	FS	3	20.36	9.17				0.4
45	4	FS	1	11.32	9.22				0.3
46	4	PROX	1	12.89	7.89	3.87	NO	NO	0.3
47	4	PROX	1	10.72	9.14	2.93	NO	NO	0.3
48	4	FS	3	15.23	8.89				0.3
49	4	PROX	2	9.86	8.73	6.34	NO	NO	0.3
50	4	ANG	1	13.14	7.81				0.4
51	4	PROX	3	13.06	8.32	3.97	NO	NO	0.3
52	4	FS	2	17.42	9.65				0.3
53	4	FS	2	9.92	8.81				0.3
B-18-1A	4	PROX	4	26.57	22.81	13.96	YES	NO	2.3
B-18-1B	4	FS	3	15.66	6.41				0.2
B-18-2	4	PROX	2	13.81	9.41	4.38	NO	NO	0.1
B-18-3	4	PROX	3	33.73	31.71	3.37	NO	NO	3.1
B-18-4	4	PROX	2	19.49	9.77	9.07	YES	NO	0.4
B-18-5	4	PROX	3	41.36	33.25	32.61	YES	NO	7.3
B-18-6	4	PROX	3	36.11	15.87	3.73	NO	NO	1.6
B-18-7A	4	PROX	4	12.96	10.53	4.52	NO	NO	0.1
B-18-7B	4	FS	4	11.01	6.98				0.1
B-18-8	4	FS	3	12.18	9.07				0.1
B-18-9A	4	FS	2	22.88	11				0.3
B-18-9B	4	FS	3	16.8	12.17				0.2
B-18-9C	4	FS	1	18.06	11.36				0.4
B-18-10	4	PROX	2	25.41	17.2	4.5	YES	NO	0.8
B-18-11A	4	FS	2	16.99	9.13				0.4
B-18-11B	4	PROX	3	20.59	14.46	8.74	NO	NO	0.9
B-18-12	4	PROX	3	25.17	24.09	5.99	NO	NO	1.4
B-18-	4	PROX	2	35.61	28.36	11.68	NO	NO	3.3

13A									
B-18-13B	4	FS	2	19.59	12.64				0.5
B-18-14A	4	FS	3	18.34	14.49				0.9
B-18-14B	4	ANG	3	85.57	73.12				184.1
B-18-15A	4	PROX	3	20.27	12.78	2.73	NO	NO	0.6
B-18-15B	4	FS	3	45.61	29.33				4.7
B-18-15C	4	FS	1	23.24	10.74				0.5
B-18-15D	4	FS	2	11.8	8.56				0.2
B-18-16	4	PROX	3	13.61	9.01	1.89	NO	NO	0.1
B-18-17A	4	PROX	2	52.13	48.54	4.53	YES	NO	10.1
B-18-17B	4	FS	2	26.18	16.37				1.3
B-18-17C	4	PROX	2	21.8	15.69	3.43	YES	NO	1.1
B-18-18A	4	PROX	3	41.04	36.68	11.25	NO	NO	9.1
B-18-18B	4	PROX	2	23.88	15.55	10.2	NO	NO	1
B-18-19	4	PROX	2	11.83	8.58	6.83	YES	NO	0.1
B-18-20A	4	PROX	3	24.25	12.43	15.56	NO	NO	0.8
B-18-20B	4	PROX	1	28.35	21.29	25.85	NO	NO	1.8
B-18-21	4	PROX	2	19.96	11.03	3.4	NO	YES	0.6
B-18-22	4	FS	2	24.02	10.82				0.3
B-18-23A	4	PROX	3	15.68	8.59	3.46	NO	NO	0.1
B-18-23B	4	FS	3	13.9	10.79				0.1
B-18-24	4	PROX	3	15.4	10.76	2.32	NO	NO	0.3
B-18-25A	4	PROX	3	41.28	37.49	20.14	NO	NO	13.8
B-18-25B	4	ANG	2	26.87	21.77	3.6	NO	NO	3.5
B-18-25C	4	FS	1	20.76	18.27				0.7
B-18-26	4	PROX	2	23.6	15.88	8.93	NO	NO	1.1
B-18-27	4	PROX	1	20.06	14.16	6.39	NO	NO	0.8

B-18-28A	4	PROX	1	15.35	9.36	9.82	NO	NO	0.4
B-18-28B	4	ANG	1	13.59	7.25				0.3
B-18-29A	4	PROX	2	52.6	30.14	7.58	NO	NO	18.1
B-18-29B	4	FS	2	16.06	10.84				0.6
B-18-29C	4	FS	2	57.52	34.17				19.1
B-18-29D	4	FS	2	28.35	13.48				1
B-18-30	4	PROX	2	33.94	20.03	5.51	NO	NO	3.1
B-18-31	4	PROX	2	19.4	12.56	4.25	NO	NO	0.8
B-18-32	4	PROX	1	52.61	40.47	24.94	NO	NO	29
B-18-33A	4	PROX	2	82.24	46.99	26.58	YES	NO	51.7
B-18-33B	4	PROX	1	49.29	35.58	12.87	NO	NO	17.1
B-18-33C	4	FS	2	60.54	34.55				27
B-18-33D	4	FS	1	16.13	10.16				0.5
B-18-33E	4	PROX	1	15.82	9.78	13.56	NO	NO	0.4
B-18-33F	4	FS	1	14.82	10.46				0.2
B-18-34A	4	FS	1	15.14	9.26				0.1
B-18-34B	4	FS	1	16.1	11.44				0.2
B-18-35	4	PROX	2	40.99	22.75	23.36	NO	NO	6.9
B-18-36	4	PROX	2	42.88	34.95	22.81	NO	NO	10.2
B-18-37	4	PROX	1	26.14	13.88	7.04	NO	NO	1.3
B-18-38	4	PROX	1	24.83	21.78	2.74	NO	NO	1.8
B-18-39A	4	PROX	1	46.4	28.82	7.06	NO	NO	5.2
B-18-39B	4	FS	1	13.28	12.44				0.2
B-18-40A	4	PROX	1	28.71	14	5.41	NO	NO	0.9
B-18-40B	4	PROX	1	15.37	12.09	2.27	NO	NO	0.3
B-18-40C	4	PROX	1	12.83	11.42	8.9	NO	NO	0.3
B-18-41	4	PROX	1	13.08	10.25	7.46	NO	NO	0.1

B-18-42A	4	PROX	2	40.06	31.12	22.97	NO	NO	5.4
B-18-42B	4	FS	1	22.25	10.46				0.2
B-18-43A	4	PROX	2	12.82	6.5	2.31	YES	NO	0.1
B-18-43B	4	PROX	1	25.17	11.03	4.59	NO	NO	0.6
B-18-44A	4	PROX	1	22.02	12.11	4.34	NO	NO	1
B-18-44B	4	PROX	1	13.83	8.1	4.74	NO	NO	0.2
B-18-45	4	PROX	1	23.39	18.91	9.65	NO	NO	1.7
B-18-46	4	PROX	2	12.38	11.12	9.83	NO	NO	0.3
B-18-47	4	PROX	3	66.81	33.91	20.2	NO	NO	9.4
B-18-48	4	ANG	2	48.64	38.06				19.8
B-18-49	4	PROX	1	30.69	27.71	26.81	NO	NO	2.5
B-18-50	4	PROX	1	26.2	20.7	13.15	NO	NO	1.9
B-18-51	4	PROX	1	18.36	15.02	16.14	NO	NO	0.7
B-18-52A	4	PROX	2	12.77	12.76	4.04	NO	NO	0.2
B-18-52B	4	PROX	1	16.08	12.59	12.39	NO	NO	0.4
B-18-53A	4	PROX	2	13.86	11.67	2.95	NO	NO	0.1
B-18-53B	4	ANG	1	14.2	8.35				0.4
B-18-54	4	PROX	2	47.45	22.39	8.91	YES	NO	4.6
B-18-55	4	PROX	2	32.12	18.55	3.47	YES	NO	1.6
B-18-56	4	PROX	2	46.27	32.56	4.98	NO	NO	8.2
B-18-57	4	PROX	1	17.21	10.56	7.73	NO	NO	0.4
B-18-58	4	FS	3	18.2	9.94				0.5
B-18-59	4	PROX	3	25.03	14.15	3.23	NO	NO	1
B-18-60	4	PROX	1	20.71	8.26	3.08	NO	NO	0.2
B-18-61	4	PROX	1	46.06	35.17	18.09	NO	NO	6
B-18-62	4	PROX	1	18.54	14.09	9.11	NO	NO	0.6
B-18-63	4	PROX	2	23.78	14.71	10.64	YES	NO	1.7
B-18-64	4	PROX	3	39.99	32.28	12.71	YES	NO	6.4
B-18-65	4	PROX	1	46.06	40.11	12.8	NO	NO	9.2
B-18-66A	4	PROX	2	20.08	18.84	15.59	NO	NO	0.9
B-18-66B	4	PROX	1	15.9	11.11	6.68	NO	NO	0.4
B-18-67	4	PROX	1	25.88	19.73	3.31	NO	NO	2.3

B-18-68	4	PROX	1	22.68	19.94	8.36	NO	NO	0.8
B-18-69	4	PROX	2	25.47	22.81	11.83	NO	NO	2.7
B-18-70	4	PROX	1	27.36	15.58	14.05	NO	NO	1.2
B-18-71	4	PROX	2	35.72	20.58	33.77	YES	NO	2.7
B-18-72	4	PROX	1	19.7	12	4.97	NO	NO	0.7
B-18-73	4	PROX	1	22.6	10.54	5.58	NO	NO	0.8
B-18-74	4	PROX	2	54.07	38.08	22.6	NO	NO	11.1
B-18-75	4	PROX	2	29	20.23	14.71	NO	NO	1.7
B-18-76	4	PROX	2	40.9	32.58	19.52	NO	NO	4.5
B-18-77	4	PROX	1	15.92	13.23	7.78	NO	NO	0.3
B-18-78	4	PROX	2	21.03	17.45	13.54	YES	NO	0.3
B-18-79A	4	PROX	2	22.19	16.89	11.23	YES	NO	1
B-18-79B	4	PROX	3	20.97	10.58	1.68	YES	NO	0.3
B-18-80A	4	PROX	2	36.8	19.15	6.48	YES	NO	3.9
B-18-80B	4	PROX	1	16.18	13.56	1.67	NO	NO	0.4
B-18-81A	4	PROX	1	21.46	12.29	17.17	NO	NO	0.6
B-18-81B	4	PROX	1	13.62	9.2	6.76	NO	NO	0.4
B-18-81C	4	FS	1	13.01	8.35				0.1
B-18-82	4	PROX	1	34.78	31.68	10.39	NO	NO	3.6
1	4	PROX	3	12.62	11	4.78	YES	NO	0.3
2	4	PROX	2	14.8	11.42	5.43	NO	NO	0.2
3	4	PROX	1	14.64	8.54	7.41	NO	NO	0.3
4	4	PROX	1	12.12	9.61	3.12	NO	NO	0.1
5	4	FS	1	9.58	9.01				0.1
6	4	FS	1	15.43	9.85				0.1
7	4	ANG	1	17.08	12.1				0.6
8	4	PROX	1	13.59	10.23	5.94	NO	NO	0.3
9	4	FS	1	17.49	7.83				0.4
10	4	FS	1	16.3	9.12				0.4
11	4	PROX	2	16.14	8.54	2.42	NO	NO	0.2
12	4	PROX	1	13.58	8.48	6.59	NO	NO	0.2
13	4	FS	3	12.98	9.3				0.2
14	4	PROX	1	10.93	10.01	1.89	NO	NO	0.1
15	4	PROX	2	11.31	9.43	1.57	YES	NO	0.1
16	4	PROX	2	11.49	10.33	5.11	YES	NO	0.2
17	4	FS	2	15.45	6.73				0.2

18	4	PROX	2	16.2	10.81	15.98	NO	NO	0.5
19	4	PROX	2	12.69	12.67	6.14	NO	NO	0.4
20	4	PROX	2	11.04	8.01	5.54	YES	NO	0.2
21	4	PROX	1	13.06	12.51	11.37	NO	NO	0.7
22	4	FS	1	13.03	10.1				0.1
23	4	PROX	3	10.79	8.56	3.19	NO	NO	0.1
24	4	FS	1	13.01	9.43				0.2
25	4	PROX	1	22.21	9.52	6.56	NO	NO	0.3
26	4	PROX	2	14.28	10.31	7.02	YES	NO	0.3
27	4	PROX	2	20.69	12.12	4.95	NO	NO	0.6
28	4	PROX	1	14.54	12.69	1.19	NO	NO	0.2
29	4	PROX	2	13.08	11.44	7.5	YES	NO	0.3
30	4	PROX	2	15.32	6.73	5.06	NO	NO	0.3
31	4	PROX	3	18.14	7.5	3.48	NO	NO	0.3
32	4	FS	2	10.1	8.77				0.3
33	4	PROX	3	10.14	9.51	0.78	NO	NO	0.2
34	4	PROX	1	11.09	9.45	5.52	NO	NO	0.2
35	4	FS	1	15.81	7.67				0.3
36	4	PROX	1	10.15	7.76	5.51	NO	NO	0.2
37	4	PROX	1	15.43	10.08	2.81	NO	NO	0.2
38	4	PROX	2	15.74	7.93	2.53	YES	NO	0.2
39	4	FS	2	11.28	8.01				0.2
40	4	PROX	2	13.8	8.99	9.46	NO	NO	0.2
41	4	PROX	2	15.75	9.48	6.3	YES	NO	0.2
42	4	FS	1	11.21	7.15				0.1
43	4	FS	1	16.54	11.24				0.2
44	4	PROX	2	10.48	7.24	6.75	YES	NO	0.1
45	4	FS	1	10.31	8.12				0.1
46	4	PROX	2	9.41	8.5	5.18	YES	NO	0.1
47	4	PROX	2	13.46	11.31	7.36	YES	NO	0.3
48	4	PROX	2	11.81	11.15	5.29	NO	NO	0.2
49	4	PROX	1	11.9	8.64	9.43	NO	NO	0.3
50	4	FS	4	10.16	8.3				0.1
52	4	FS	1	10.52	8.34				0.1
53	4	FS	2	9.78	7.68				0.2
54	4	FS	1	9.07	7.5				0.1
55	4	FS	2	8.87	7.01				0.1
B-19-1A	4	PROX	3	22.9	16.28	13.62	NO	NO	1.9
B-19-1B	4	FS	2	16.55	6.59				0.3
B-19-1C	4	FS	3	13.69	9.36				0.6
B-19-2A	4	FS	2	13.39	9.13				0.4

B-19-2B	4	ANG	2	18.48	17.32				1.6
B-19-3A	4	FS	1	19.71	9.32				0.4
B-19-3B	4	FS	1	19.32	11.05				0.5
B-19-3C	4	PROX	1	16.15	11.16	9.82	NO	NO	0.2
B-19-3D	4	FS	1	31.54	17.19				0.6
B-19-3E	4	FS	3	19.17	10.26				0.8
B-19-3F	4	PROX	2	11.04	9.79	7.45	NO	NO	0.2
B-19-4A	4	PROX	2	24.24	20.91	22.92	YES	NO	2.6
B-19-4B	4	PROX	2	30.4	27.9				5.1
B-19-5A	4	PROX	2	47.1	38.97	19.43	YES	NO	15.8
B-19-5B	4	PROX	2	17.23	12.83	9.54	YES	NO	0.5
B-19-6A	4	PROX	2	50.25	23.78	18.83	NO	NO	3.5
B-19-6B	4	PROX	3	25.05	13.33	16.3	NO	NO	1.2
B-19-7	4	FS	1	16.82	5.43				0.3
B-19-8	4	PROX	3	58.28	39.83	9.82	NO	NO	17
B-19-9A	4	PROX	1	20.06	8.87	0.94	NO	NO	0.2
B-19-9B	4	PROX	2	18.6	7.16	6.11	YES	NO	0.2
B-19-10A	4	PROX	2	51.03	41.28	1.1	NO	NO	24.7
B-19-10B	4	FS	2	64.48	24.68				13.2
B-19-11A	4	PROX	1	7.65	5.4	0.3	NO	NO	0.2
B-19-11B	4	PROX	2	14.45	8.34	1.54	NO	NO	0.2
B-19-11C	4	FS	2	20.19	8.36				0.4
B-19-11D	4	FS	2	13.34	7.3				0.3
B-19-11E	4	FS	1	13.67	6.86				0.1
B-19-12	4	PROX	1	35.56	19.2	15.53	NO	NO	3.5
B-19-13	4	PROX	1	27.3	15.96	8.98	NO	NO	2
B-19-14	4	PROX	1	23.38	21.59	23.38	NO	NO	2.4
B-19-15	4	PROX	2	28.03	11.96	15.37	YES	NO	1.3
B-19-16	4	PROX	1	17.88	9.69	0.73	NO	NO	0.6
B-19-17	4	PROX	1	14.65	10.41	1.48	NO	NO	0.2
B-19-18	4	PROX	2	15.24	9.14	1.66	NO	NO	0.3
B-19-19	4	PROX	2	12.33	7.66	1.8	NO	NO	0.3
B-19-20	4	PROX	2	17.24	8.12	6.63	NO	NO	0.3
B-19-21	4	PROX	3	16.49	11.22	4.22	NO	NO	0.4
B-19-22	4	PROX	1	21.78	10.85	12.28	NO	NO	0.2
B-19-	4	PROX	1	10.74	7.64	1.23	NO	NO	0.1

23A									
B-19-23B	4	PROX	1	11.48	9.54	5.59	NO	NO	0.2
B-19-23C	4	FS	1	22.07	20.38				0.6
B-19-24	4	PROX	2	21.48	8.09	7.58	NO	NO	0.4
B-19-25	4	PROX	1	35.91	21.43	5.54	NO	NO	3.1
B-19-26	4	PROX	1	18.37	10.39	6.92	NO	YES	1
B-19-27	4	FS	1	9.8	7.7				0.1
B-19-28A	4	PROX	1	11.57	11.17	2.54	NO	NO	0.2
B-19-28B	4	PROX	1	11.51	7.46	3.54	NO	NO	0.1
B-19-29	4	PROX	2	18	12.87	5.55	NO	NO	0.8
B-19-30	4	PROX	1	10.6	9.67	5.51	NO	NO	0.2
B-19-31	4	PROX	1	13.25	8.1	1.59	NO	NO	0.1
B-19-32	4	PROX	2	16.82	9.36	4.02	NO	NO	0.3
B-19-33	4	PROX	3	42.9	31.28	23.72	NO	NO	11.5
B-19-34	4	PROX	2	17.19	9.71	5.79	NO	NO	0.7
B-19-35A	4	PROX	1	23.01	17.33	6.54	NO	NO	0.7
B-19-35B	4	PROX	1	16.18	12.31	9.78	NO	NO	0.3
B-19-36	4	PROX	1	15.09	10.34	11.75	NO	NO	0.3
B-19-37	4	PROX	1	39.49	10.18	5.25	NO	NO	1.1
B-19-38	4	PROX	1	31.46	21.58	8.39	NO	YES	1.3
B-19-39A	4	PROX	1	31.02	20.38	8.5	NO	YES	2.1
B-19-39B	4	PROX	1	15.84	13.49	11.86	NO	NO	0.3
B-19-40A	4	PROX	1	16.29	14.41	9.1	NO	NO	0.8
B-19-40B	4	FS	1	22.12	13.17				0.5
B-19-41A	4	PROX	1	36.97	18.44	7.83	NO	NO	1.9
B-19-41B	4	FS	1	15.06	13.57				0.5
B-19-42	4	PROX	1	21.38	18.48	4.11	NO	NO	0.7
B-19-43	4	PROX	1	17.22	10.14	7.34	NO	NO	0.3
B-19-44	4	PROX	1	22.74	11.29	9.85	NO	NO	0.3
B-19-45A	4	PROX	1	16.24	10.01	11.27	NO	NO	0.1
B-19-45B	4	PROX	2	14.4	8.97	13.36	YES	NO	0.2

B-19-46	4	PROX	1	27.64	21.61	10.43	NO	NO	1.7
B-19-47	4	PROX	1	35.61	33.05	17.18	NO	NO	3.6
B-19-48	4	PROX	1	24.09	22.31	7.36	NO	YES	1.3
B-19-49A	4	PROX	2	31.76	26.02	28.89	NO	NO	4.3
B-19-49B	4	PROX	1	30.63	29.65	21.72	NO	NO	3.7
B-19-49C	4	PROX	1	19.74	11.06	3.43	NO	NO	0.4
B-19-50	4	FS	1	17.23	8.37				0.1
B-19-51	4	PROX	1	21.62	14.87	6.78	NO	NO	0.8
B-19-52	4	FS	1	12.09	8.55				0.1
B-19-53A	4	PROX	1	32.21	30.47	6.49	NO	NO	2.7
B-19-53B	4	FS	1	21.65	10.9				0.9
B-19-54	4	PROX	1	20.87	14.52	5.74	NO	NO	0.7
B-19-55	4	PROX	1	20.07	14.98	8.97	NO	NO	0.5
1	4	PROX	1	10.25	8.47	4.42	NO	NO	0.2
2	4	FS	1	16.72	13.53				0.2
3	4	PROX	1	16.71	10.88	7.79	NO	NO	0.2
4	4	PROX	1	15.68	18.09	11.88	NO	NO	0.6
5	4	PROX	1	10.33	10.1	4.35	NO	NO	0.2
6	4	FS	1	16.49	8.86				0.4
7	4	FS	1	12.63	10.22				0.2
8	4	FS	2	16.08	8.35				0.4
9	4	PROX	2	15.07	11.71	8.48	NO	NO	0.3
10	4	PROX	1	14.53	11.13	3.63	NO	NO	0.4
11	4	PROX	1	16.94	9.19	2.86	NO	NO	0.3
12	4	FS	1	12.88	12.18				0.1
13	4	PROX	1	15.81	10.03	9.14	NO	NO	0.2
14	4	PROX	1	17.6	12.98	1.9	NO	NO	0.4
15	4	PROX	2	11.2	9.65	3.29	NO	NO	0.2
16	4	FS	1	13.14	7.15				0.2
17	4	FS	1	16	10.42				0.3
18	4	PROX	1	10.68	9.11	6.34	NO	NO	0.2
19	4	PROX	2	15.54	9.08	1.75	YES	NO	0.3
20	4	PROX	1	9.19	8.41	5.55	NO	NO	0.2
21	4	PROX	2	19.13	8.57	4.78	YES	NO	0.4
22	4	PROX	1	14.36	10.98	2.54	NO	NO	0.4
23	4	PROX	1	9.95	9.04	6.21	NO	NO	0.1
24	4	PROX	1	15.59	8.45	9.96	NO	NO	0.1

25	4	PROX	1	12.52	8.03	7.79	NO	NO	0.1
26	4	PROX	1	13.97	10.08	9.12	NO	NO	0.1
27	4	PROX	2	9.78	8.62	4.76	YES	NO	0.1
28	4	PROX	1	18.43	8.93	5.48	NO	NO	0.3
29	4	PROX	1	13.49	9.62	4.15	NO	NO	0.2
30	4	PROX	2	12.08	10.2	9.96	NO	NO	0.2
31	4	PROX	1	12.49	9.03	6.86	NO	NO	0.2
32	4	PROX	1	15.86	9.31	11.87	NO	NO	0.4
33	4	PROX	2	15.91	10.43	2.64	NO	NO	0.3
34	4	PROX	1	9.04	8.96	6	NO	NO	0.2
35	4	PROX	2	12.32	8.28	10.81	YES	NO	0.2
36	4	PROX	1	14.52	9.29	4.05	NO	NO	0.2
37	4	PROX	1	10.75	9.04	5.05	NO	NO	0.2
38	4	PROX	1	12.9	8.1	7.62	NO	NO	0.2
39	4	FS	1	12.4	8.63				0.3
40	4	FS	1	11.14	8.34				0.2
41	4	PROX	2	9.68	9.39	2.88	YES	NO	0.2
42	4	PROX	3	13.72	8.56	7.21	NO	NO	0.4
43	4	PROX	1	10.15	10.46	1.78	NO	NO	0.3
44	4	PROX	1	13.82	8.9	6.65	NO	NO	0.2
45	4	FS	1	9.44	9.05				0.2
46	4	PROX	1	11.79	9.97	4	NO	NO	0.4
47	4	PROX	1	11.17	8.43	3.42	NO	NO	0.2
48	4	PROX	1	10.58	8.79	2.67	NO	NO	0.1
B-20-1A	4	PROX	2	18.71	15.75	4.96	NO	NO	1
B-20-1B	4	PROX	2	21.68	19.76	16.29	YES	NO	1
B-20-2	4	PROX	2	21.88	12.88	4.36	NO	NO	0.6
B-2-3	4	PROX	2	56.19	25.42	4.92	YES	NO	11.6
B-20-4A	4	PROX	2	43.7	20.76	6.25	YES	NO	6.8
B-20-4B	4	PROX	2	39.08	17.12	14.35	YES	NO	4.4
B-20-5A	4	PROX	2	22.44	14.88	15.66	YES	NO	1.4
B-20-5B	4	FS	2	39.95	16.22				2.2
B-20-5C	4	PROX	2	16.26	6.83	3.72	NO	NO	0.2
B-20-6	4	PROX	2	14.85	10.47	5.63	YES	NO	0.4
B-20-7A	4	PROX	2	15.38	10.27	7.01	YES	NO	0.2
B-20-7B	4	PROX	2	12.89	10.23	1.55	YES	NO	0.1
B-20-8	4	PROX	3	31.05	25.63	6.57	YES	NO	2.1
B-20-9A	4	PROX	2	28.13	26.96	6.77	NO	NO	2.2
B-20-9B	4	PROX	2	23.85	20.6	3.17	YES	NO	1.8
B-20-9C	4	PROX	2	18.57	14.12	7.05	YES	NO	0.8
B-20-9D	4	FS	2	34.93	29.66				3.8

B-20-10	4	PROX	2	27.85	18.23	4.14	YES	NO	1.4
B-20-11	4	PROX	1	17.44	13.32	8.96	NO	NO	0.5
B-20-12A	4	PROX	2	29.56	20.05	17.17	YES	NO	3
B-20-12B	4	FS	2	14.75	6.9				0.3
B-20-13	4	PROX	2	48.59	27.04	11.05	YES	NO	9.8
B-20-14A	4	PROX	2	41.74	8.38	4.63	YES	NO	1.5
B-20-14B	4	PROX	1	35.86	10.98	2.15	NO	NO	1.2
B-20-15	4	PROX	2	27.82	14.32	13.2	YES	NO	1
B-20-16	4	PROX	2	40.74	16.95	5.86	YES	NO	1.2
B-20-17	4	PROX	3	34.74	26.05	19.66	NO	NO	3
B-20-18	4	PROX	2	35.61	23.04	2.99	NO	NO	3
B-20-19	4	PROX	1	19.71	11.2	3.9	NO	NO	0.4
B-20-20A	4	PROX	2	62.33	48.03	20.87	YES	NO	44.6
B-20-20B	4	ANG	2	15.6	5.11				0.3
B-20-21A	4	PROX	2	25.72	17.44	7.03	NO	NO	2.6
B-20-21B	4	PROX	2	22.84	16.54	7.2	YES	NO	1.4
B-20-21C	4	PROX	1	16.76	9.8	0.8	NO	NO	0.3
B-20-21D	4	FS	3	30.74	9.84				0.6
B-20-22	4	PROX	3	14.79	13.69	4.1	NO	NO	0.5
B-20-23	4	ANG	2	19.37	14.17				1.3
B-20-24	4	PROX	3	27.19	18.35	6.44	NO	NO	0.8
B-20-25	4	PROX	3	20.53	8.85	2.48	YES	NO	0.3
B-20-26	4	PROX	3	10.12	8.34	4.78	YES	NO	0.1
B-20-27	4	PROX	2	19.02	9.99	6.39	YES	NO	0.2
B-20-28	4	PROX	2	23.08	13.3	10.07	NO	NO	0.4
B-20-29	4	PROX	2	50.4	40.64	25.95	YES	NO	13.1
B-20-30	4	PROX	2	14.18	10.81	11.7	NO	NO	0.2
B-20-31	4	PROX	1	31.21	23.31	8.6	NO	NO	3.1
B-20-32	4	PROX	3	20.12	13.71	6.27	NO	NO	0.3
B-20-33A	4	PROX	3	40.53	21.85	15.66	YES	NO	8.5
B-20-33B	4	FS	3	21.94	17.35				1.6
B-20-	4	PROX	2	17.21	9.22	5.32	NO	NO	0.2

34A									
B-20-34B	4	FS	3	22.59	11.14				0.5
B-20-35	4	PROX	1	10.86	9.26	7.68	NO	NO	0.2
B-20-36	4	PROX	2	50.32	38.79	11.98	NO	NO	13.4
B-20-37	4	PROX	1	13.39	8.42	6.46	NO	NO	0.2
B-20-38	4	PROX	2	12.96	9.65	5.41	YES	NO	0.5
B-20-39	4	PROX	2	12.86	8.79	2.25	NO	NO	0.1
B-20-40	4	PROX	2	21	16.28	4.57	NO	NO	0.3
B-20-41A	4	PROX	2	32.17	20.67	12.58	NO	NO	1.5
B-20-41B	4	FS	2	25.25	20.33				0.9
B-20-41C	4	FS	2	19.54	10.01				0.3
B-20-42A	4	PROX	2	27.12	19.69	16.59	YES	NO	1.1
B-20-42B	4	PROX	2	69.61	42.24	50.95	NO	NO	12.9
B-20-42C	4	PROX	3	60.19	25.82	2.79	NO	NO	9.3
B-20-43A	4	PROX	2	18.93	14.25	3.43	NO	NO	0.6
B-20-43B	4	PROX	1	12.48	8.69	2.07	NO	NO	0.2
B-20-44	4	PROX	2	73.17	43.2	4.68	NO	NO	21.6
B-20-45	4	PROX	2	24.76	11.61	3.17	YES	NO	0.4
B-20-46A	4	PROX	1	24.58	22.87	11.88	NO	NO	1.9
B-20-46B	4	FS	2	40.62	23.2				2.5
B-20-47	4	PROX	2	18.16	14.9	7.04	YES	NO	1.6
B-20-48	4	PROX	2	51.68	40.49	10.13	YES	NO	9
B-20-49	4	PROX	2	28.43	13.87	14.31	YES	NO	0.9
B-20-50	4	PROX	2	34.04	23.68	8.81	YES	NO	3.2
1	4	FS	2	19.15	14.6				0.7
2	4	PROX	2	20.8	10.4	1.66	YES	NO	0.5
3	4	FS	2	21.8	12.28				0.7
4	4	PROX	2	16.47	7.52	4.64	YES	NO	0.2
5	4	PROX	3	17.85	9.11	4.49	NO	NO	0.3
6	4	FS	1	13.68	10.7				0.2
7	4	PROX	1	11.66	9.85	3.26	NO	NO	0.1
8	4	FS	2	11.28	10.7				0.1
9	4	PROX	1	11.56	11.49	4.74	NO	NO	0.2

10	4	FS	1	30.11	11.69				0.4
11	4	PROX	2	14.41	14.24	6.85	YES	NO	0.2
12	4	FS	2	16.29	9.21				0.5
13	4	FS	1	11.85	9.01				0.2
14	4	PROX	2	10.18	8.01	3.25	NO	NO	0.1
15	4	PROX	3	10.83	9.46	6.53	YES	NO	0.1
16	4	PROX	3	12.59	9.22	5.53	NO	NO	0.2
17	4	PROX	2	16.47	10.19	8.95	YES	NO	0.3
18	4	FS	1	12.57	8.79				0.1
19	4	PROX	1	14.6	9.14	5.58	NO	NO	0.3
20	4	PROX	1	11.08	10.1	3.99	NO	NO	0.2
21	4	FS	2	9.82	9.75				0.1
22	4	PROX	2	15.11	8.07	6.18	NO	NO	0.3
23	4	PROX	1	13.11	7.91	2.63	NO	NO	0.1
24	4	PROX	2	12.75	7.69	2.72	NO	NO	0.2
25	4	PROX	3	11.82	8.15	6.33	YES	NO	0.2
26	4	FS	1	13.07	9.99				0.2
27	4	PROX	1	13.26	10.08	7	NO	NO	0.2
28	4	PROX	2	12.5	8.87	3.71	YES	NO	0.2
29	4	FS	2	19.31	9.75				0.4
30	4	PROX	2	12.59	10.74	4.1	YES	NO	0.1
31	4	FS	1	13.61	7.69				0.1
32	4	PROX	2	11.72	9.76	6.47	NO	NO	0.2
33	4	PROX	2	10.22	9.5	2.37	NO	NO	0.1
34	4	PROX	1	12.52	10.28	3.03	NO	NO	0.1
35	4	FS	1	11.44	9.36				0.1
36	4	FS	1	10.19	8.36				0.1
37	4	FS	2	10.46	9.9				0.1
38	4	PROX	2	8.68	7.81	1.58	YES	NO	0.1
39	4	PROX	3	12.46	7.34	3.32	NO	NO	0.1
40	4	PROX	3	11.5	10.34	6.12	YES	NO	0.1
41	4	FS	2	8.58	9.37				0.1
B-21-1A	5	PROX	2	16.01	14.43	4.93	NO	NO	0.6
B-21-1B	5	PROX	3	10.02	8.27	2.85	YES	NO	0.1
B-21-2A	5	PROX	2	20.85	10.74	3.97	YES	NO	1.1
B-21-2B	5	FS	2	27.14	13.47				1
B-21-2C	5	PROX	2	8.87	6.96	3.97	YES	NO	0.1
B-21-2D	5	FS	2	10.1	4.69				0.1
B-21-3a	5	PROX	2	21.74	12.33	6.48	YES	NO	0.8
B-21-3B	5	FS	2	11.88	6.89				0.1
B-21-4A	5	PROX	2	42.39	23.32	6.92	YES	NO	3.4

B-21-4B	5	FS	2	16.58	11.59				0.3
B-21-4C	5	PROX	2	13.46	8.27	3.69	YES	NO	0.2
B-21-4D	5	FS	2	11.71	7.76				0.1
B-21-5A	5	PROX	3	92.5	51.3	21.39	YES	NO	38.1
B-21-5B	5	FS	3	15.18	7.18				0.2
B-21-6A	5	PROX	2	25.5	22.8	25.37	YES	NO	1.1
B-21-6B	5	PROX	2	20.35	19.06	15.09	YES	NO	1.1
B-21-6C	5	FS	1	22.3	9.29				0.2
B-21-6D	5	FS	2	22.46	11.35				0.3
B-21-6E	5	FS	1	8.71	5.32				0.1
B-21-7A	5	PROX	2	62.65	41.26	32.65	YES	NO	46.7
B-21-7B	5	PROX	2	41.51	22.9	18.91	YES	NO	4.6
B-21-7C	5	PROX	2	15.56	15.27	3.83	YES	NO	0.4
B-21-7D	5	FS	3	14.58	10.8				0.3
B-21-7E	5	FS	4	21.85	15.89				0.7
B-21-7F	5	FS	2	9.51	6.02				0.2
B-21-7G	5	FS	1	25.23	6.02				0.5
B-21-8	5	PROX	2	51.29	31.83	28.95	YES	NO	10.2
B-21-9A	5	PROX	2	17.97	14.3	8.93	YES	NO	0.7
B-21-9B	5	FS	1	49.68	20.5				4.6
B-21-9C	5	FS	2	43.31	22.22				4.2
B-21-10A	5	PROX	1	11.11	5.91	6.79	YES	NO	0.1
B-21-10B	5	ANG	2	21.15	12.48				1.2
B-21-10C	5	FS	2	23.12	14.78				0.5
B-21-11A	5	PROX	2	49.82	19.56	10.76	YES	NO	3.3
B-21-11B	5	FS	2	31.81	13.31				2.2
B-21-11C	5	PROX	2	15.85	11.23	13.43	YES	NO	0.5
B-21-11D	5	FS	1	17.42	8.32				0.4
B-21-12A	5	ANG	2	28.62	13.02				2.3
B-21-12B	5	ANG	2	20.25	9.42				0.6
B-21-13A	5	PROX	2	17.76	13.37	10.37	YES	NO	0.5
B-21-13B	5	FS	1	27.26	13.13				1.7
B-21-14	5	PROX	4	45.6	25.38	11.19	YES	NO	7

B-21-15A	5	PROX	3	52.31	23.73	9.44	YES	NO	5.2
B-21-15B	5	FS	2	18.44	8.38				0.3
B-21-15C	5	ANG	1	15.73	5.45				0.2
B-21-16A	5	PROX	2	48.47	28.87	19.7	NO	NO	3.1
B-21-16B	5	PROX	2	35.43	22.4	3.84	NO	NO	2.5
B-21-16C	5	FS	2	18.23	9.78				0.3
B-21-16A*	5	PROX	2	25.55	16.49	8.7	NO	NO	1.5
B-21-16B*	5	PROX	1	27.77	17.13	10.15	NO	NO	1
B-21-16C*	5	FS	2	33.07	14.06				0.9
B-21-16D*	5	PROX	2	40.45	17.07	18.82	YES	NO	3
B-21-16E*	5	FS	1	19.93	11.71				0.5
B-21-16F	5	PROX	1	10.56	8.99	2.55	NO	NO	0.1
B-21-16G	5	FS	1	10.49	8.34				0.1
B-21-16H	5	PROX	1	8.49	7.58	6.6	NO	NO	0.1
B-21-17A	5	PROX	2	19.05	11.01	8.98	YES	NO	0.4
B-21-17B	5	PROX	2	13.36	11.72	2.72	YES	NO	0.5
B-21-17C	5	FS	1	21.43	18.1				1.4
B-21-17D	5	FS	2	14.03	8.77				0.3
B-21-17E	5	FS	1	10.38	5.95				0.1
B-21-18A	5	PROX	2	43.65	19.79	22.2	YES	NO	6.5
B-21-18B	5	PROX	2	24.93	14.73	9.59	YES	NO	1
B-21-18C	5	FS	2	62.12	31.23				13.8
B-21-18D	5	PROX	2	15.85	9.84	9	YES	NO	0.3
B-21-	5	PROX	2	12.38	11.94	3.09	YES	NO	0.2

18E									
B-21-18F	5	FS	1	22.56	9.48				0.3
B-21-18G	5	FS	1	13.95	12.06				0.1
B-21-19A	5	PROX	3	44.62	14.95	6.83	NO	NO	2.2
B-21-19B	5	ANG	2	20.94	10.26				1.1
b-21-19c	5	PROX	1	15.34	12.67	3	NO	NO	0.3
B-21-20a	5	PROX	2	16.91	10.47	2.8	YES	NO	0.2
B-21-20B	5	PROX	2	20.08	16.6	7.91	YES	NO	1.2
B-21-21A	5	PROX	2	13.6	7.75	11.53	YES	NO	0.4
B-21-21B	5	FS	1	27.64	13.98				1.4
B-21-21C	5	ANG	2	15.71	13.49				1
B-21-21D	5	FS	2	11.68	11.57				0.2
B-21-21E	5	FS	1	12.14	8.46				0.2
B-21-21F	5	FS	1	10.02	9.37				0.1
B-21-22A	5	PROX	2	18.31	11.48	6.58	YES	NO	0.6
B-21-22B	5	ANG	2	25.01	13.76				1.7
B-21-22C	5	PROX	2	13.01	9.97	5.21	YES	NO	0.2
B-21-22D	5	ANG	1	8.93	6.73				0.2
B-21-23A	5	PROX	2	56.16	32.62	7.91	NO	NO	11.7
B-21-23B	5	PROX	1	30.52	18.25	17.63	NO	NO	1.2
B-21-24A	5	PROX	2	20.55	9.56	3.56	YES	NO	0.9
B-21-24B	5	PROX	3	27.15	12.74	3.02	NO	NO	1.1
B-21-25	5	PROX	2	44.25	41.13	10.25	NO	YES	15.2
B-21-26A	5	PROX	1	31.41	14.03	3.34	NO	NO	0.8

B-21-26B	5	PROX	2	37.18	16.65	3.86	NO	NO	1.5
B-21-26C	5	FS	2	24.15	9.41				0.3
B-21-26D	5	FS	1	12.62	7.51				0.1
B-21-26E	5	PROX	1	8.96	6.1	6.26	NO	NO	0.1
B-21-27A	5	PROX	1	33.21	25.48	12.31	NO	NO	2.5
B-21-27B	5	PROX	2	38.65	32.45	14.94	NO	NO	5.9
B-21-28A	5	PROX	1	10.73	8.32	6.43	NO	NO	0.1
B-21-28B	5	PROX	1	20	15.58	3.01	NO	NO	0.5
B-21-28C	5	FS	1	12.15	5.31				0.1
B-21-29A	5	PROX	1	22.24	20.41	8.84	NO	NO	1.6
B-21-29B	5	FS	1	12.48	9.96				0.3
B-21-30A	5	PROX	2	43.21	30.97	22.77	NO	NO	7.8
B-21-30B	5	PROX	1	30.35	18.05	5.61	NO	NO	1.1
B-21-30C	5	PROX	1	9.4	8.81	5.02	NO	NO	0.1
B-21-30D	5	PROX	1	26.12	15.3	9.42	NO	NO	1
B-21-30E	5	PROX	1	23.38	20.82	10.18	NO	NO	1.3
B-21-30F	5	FS	2	13.68	6.29				0.1
B-21-31A	5	PROX	2	35.3	19.71	18.68	NO	NO	3.6
B-21-31B	5	PROX	1	21.22	17.9	9.35	NO	NO	0.8
B-21-31C	5	PROX	2	38.5	28.94	16.04	YES	NO	7.9
B-21-31D	5	PROX	2	52.36	36.67	16.96	YES	NO	19.6
B-21-31E	5	FS	2	36.13	29.79				6.8
B-21-31F	5	FS	2	28.62	17.53				3.3
B-21-	5	PROX	1	21.54	9.92	3.4	NO	NO	0.6

31G									
B-21-31H	5	FS	1	13.47	12.58				0.4
B-21-31I	5	FS	2	20.94	10.66				0.3
B-21-31J	5	FS	2	15.53	6.25				0.2
B-21-31K	5	ANG	1	9.41	7.03				0.2
B-21-31L	5	ANG	2	8.51	4.86				0.1
B-21-32	5	PROX	2	38.75	26.72	26.28	NO	NO	3.3
B-21-33A	5	PROX	1	9.01	7.9	3.18	NO	NO	0.1
B-21-33B	5	FS	2	28.81	23.91				2.4
B-21-34	5	PROX	1	53.3	37.58	28.69	NO	NO	11.2
B-21-35	5	PROX	3	42.23	31.23	18.07	YES	NO	4.1
B-21-36	5	PROX	2	54.78	29	28.63	NO	NO	10.4
B-21-37	5	PROX	2	11.26	8.19	5.19	NO	NO	0.2
B-21-38A	5	PROX	2	33.44	34.5	10.82	NO	NO	4.3
B-21-38B	5	PROX	2	25.86	16.89	5.88	YES	NO	1.4
B-21-38C	5	ANG	2	13.03	8.43				0.3
B-21-39A	5	PROX	2	39	34.32	20.61	YES	NO	6.6
B-21-39B	5	PROX	11.39	10.23	9.98	8.85	NO	NO	0.1
B-21-40	5	FS	2	31.84	16.33				1.4
B-21-41	5	PROX	3	52.4	31.78	11.34	NO	NO	8
B-21-42A	5	PROX	1	14.13	5.87	13.73	NO	NO	0.2
B-21-42B	5	PROX	1	12.19	8.08	3.67	NO	NO	0.1
B-21-42C	5	FS	3	15.29	8.07				0.1
B-21-43A	5	PROX	2	12.28	12.21	12.39	YES	NO	0.2
B-21-43B	5	FS	2	17.21	6.27				0.2
B-21-43C	5	FS	1	11.72	7.79				0.1
B-21-44	5	FS	3	31.84	31.29				6.8
B-21-45	5	PROX	1	14.72	8.16	10.13	NO	NO	0.1

B-21-46	5	FS	1	23.33	8.85				0.4
B-21-47A	5	PROX	2	20.88	13.58	6.71	NO	NO	0.9
B-21-47B	5	PROX	1	15	12.66	3.8	NO	NO	0.3
B-21-47C	5	FS	2	29.83	17.97				2.2
B-21-48	5	PROX	2	45.39	31.84	31.24	NO	NO	10
B-21-49	5	PROX	1	12.48	10.83	5.06	NO	NO	0.2
1	5	PROX	1	21.09	11.65	15.68	NO	NO	0.8
2	5	PROX	1	14.72	12.71	7.54	NO	NO	
3	5	PROX	1	15.34	8.46	5.13	NO	NO	0.3
3	5	PROX	1	14.2	9.47	3.59	NO	NO	
4	5	FS	1	12.69	11.79				0.3
5	5	PROX	2	17.24	8.71				0.2
6	5	FS	1	11.91	7.75				0.1
7	5	PROX	1	11.02	8.2	7.31	NO	NO	
8	5	PROX	3	18.96	8.92	3.1	NO	NO	0.5
9	5	PROX	1	12.76	11.45	2.33	NO	NO	0.3
10	5	PROX	3	12.49	9.14	3.94	YES	NO	
11	5	PROX	1	11.79	7.28	3.58	NO	NO	0.1
12	5	FS	1	10.93	11.6				
13	5	PROX	1	14.67	11.14	5.6	NO	NO	0.3
14	5	FS	4	12.48	7.23				0.1
15	5	PROX	2	11.77	7.48	4.44	NO	NO	0.2
16	5	FS	1	11.52	8.8				0.2
B-22-1A	5	PROX	2	35.58	20.98	14.17	YES	NO	3.1
B-22-1B	5	FS	2	18.19	13.42				0.9
B-22-1C	5	FS	1	20.29	9.48				0.4
B-22-2A	5	PROX	3	43.53	30.83	20.96	NO	NO	8.3
B-22-2B	5	PROX	1	16.52	10.77	6.04	NO	NO	0.2
B-22-3A	5	PROX	2	54.28	31.2	12.23	YES	NO	13.5
B-22-3B	5	FS	1	17.28	8.46				0.4
B-22-4A	5	PROX	2	29.71	24.32	19.84	YES	NO	3.1
B-22-4B	5	PROX	1	13.86	8.6	7.82	NO	NO	0.2
B-22-5A	5	PROX	2	48.19	25.78	12.45	YES	NO	6.6
B-22-5B	5	FS	1	16.47	6.58				0.2
B-22-6A	5	PROX	2	40.76	31.04	8.59	NO	NO	5.1
B-22-6B	5	FS	1	59.44	27.57				10.2
B-22-6C	5	PROX	1	40.41	11.4	3.7	NO	NO	0.9
B-22-6D	5	FS	2	16.51	7.13				0.2
B-22-6E	5	FS	1	20.54	7.62				0.2

B-22-7A	5	PROX	1	37.31	29.47	18.37	NO	NO	6.9
B-22-7B	5	FS	1	68.52	38.05				17.2
B-22-7C	5	FS	1	37.24	18.13				2.5
B-22-7D	5	FS	1	19.13	14.28				0.7
B-22-7E	5	FS	1	23.95	10.26				0.7
B-22-7F	5	PROX	1	18.12	12.56	4.73	NO	YES	0.2
B-22-7G	5	FS	1	15.12	9.62				0.1
B-22-7H	5	FS	1	21.14	14.33				0.3
B-22-7I	5	FS	1	18.56	7.86		NO	NO	0.3
B-22-7J	5	FS	1	14.33	8.3				0.1
B-22-8A	5	PROX	3	11.39	9.04	3.6	NO	NO	0.1
B-22-8B	5	FS	3	18.52	11.73				0.4
B-22-9A	5	PROX	3	36.95	18.9	17.37	NO	NO	3.5
B-22-9B	5	PROX	2	16.73	10.39	8.99	NO	NO	0.3
B-22-10A	5	PROX	2	55.84	29.88	28.37	YES	NO	9.8
B-22-10B	5	PROX	1	71.89	37.16	6.41	NO	NO	14.2
B-22-11A	5	PROX	1	32.3	11.96	11.35	NO	NO	1.1
B-22-11B	5	PROX	1	11.55	8.2	6.48	NO	NO	0.2
B-22-12A	5	PROX	2	56.03	20.76	19.36	YES	NO	4.1
B-22-12B	5	FS	2	25.12	7.92				0.6
B-22-13	5	PROX	1	38.17	23.76	20.27	NO	NO	6.3
1	5	PROX	2	14.36	11.86	5.16	YES	NO	0.7
B-23-1	5	PROX	2	15.1	10	2.64	NO	NO	0.4
B-23-2	5	PROX	2	27.25	19.87	4.78	NO	NO	1.4
B-23-3	5	PROX	2	63	46.78	14.82	YES	NO	30
B-23-4A	5	PROX	2	24.87	15.86	5.74	NO	NO	1.4
B-23-4B	5	PROX	2	13.57	7.64	13.16	YES	NO	0.1
B-23-4C	5	FS	2	11.93	6.69				0.1
B-23-4D	5	FS	1	15.13	8.86				0.1
B-23-5	5	PROX	3	58.38	43.45	8.82	NO	NO	18.6
B-23-6A	5	PROX	1	9.32	8.25	4.55	NO	NO	0.1
B-23-6B	5	PROX	1	14.72	12.81	2.48	NO	NO	0.5
B-23-7A	5	PROX	2	37.27	26.87	23.04	YES	NO	1.4
B-23-7B	5	PROX	2	23.43	14.31	22.89	YES	NO	0.8
B-23-8A	5	PROX	2	67.44	42.33	19.23	NO	NO	24.7
B-23-8B	5	FS	2	48.06	32.14				11.2
B-23-8C	5	PROX	1	21.86	12.22	5.39	NO	NO	0.7

B-23-8D	5	FS	2	25.37	13.72				1.8
B-23-9A	5	PROX	2	33.9	23.41	13.62	NO	YES	3.1
B-23-9B	5	PROX	1	24.67	17.35	14.4	NO	NO	1.1
B-23-9C	5	FS	2	20.7	14.23				0.8
B-23-9D	5	ANG	2	24.78	10.28				2.1
B-23-9E	5	PROX	2	16.66	13.32	11.15	NO	NO	0.6
B-23-9F	5	FS	1	15.06	7.89				0.2
B-23-9G	5	PROX	2	21.52	6.5	5.87	YES	NO	0.4
B-23-10	5	PROX	2	22.41	14.87	10.52	NO	NO	0.7
B-23-11a	5	PROX	2	31.33	18.16	15.86	NO	NO	2.2
B-23-11B	5	FS	2	34.12	16.11				3.5
B-23-11C	5	FS	2	22.63	14.68				1.3
B-23-11D	5	PROX	1	18.65	8.04	18,67	NO	NO	0.4
B-23-11E	5	PROX	1	12.58	5.72	1	NO	NO	0.2
B-23-12A	5	PROX	2	12.76	9.06	3.88	NO	NO	0.2
B-23-12B	5	FS	1	15.21	12.62				0.2
B-23-13A	5	PROX	1	16.13	8.96	12.47	NO	NO	0.3
B-23-13B	5	FS	1	23.58	17.1				0.7
B-23-14A	5	PROX	2	46.51	34.79	11.2	YES	NO	14.2
B-23-14B	5	FS	1	26.73	23.24				2.8
B-23-14C	5	PROX	1	32.2	12.37	1.41	NO	NO	1.9
B-23-14D	5	PROX	1	15.74	10.6	9.86	NO	NO	0.5
B-23-14E	5	FS	1	15.25	8.38				0.5
B-23-14F	5	FS	1	12.4	6.1				0.2
B-23-15	5	PROX	2	75.62	47.57	3.58	NO	NO	42.1
B-23-16A	5	PROX	3	22.43	20.01	3.79	NO	NO	2.5
B-23-16B	5	PROX	2	12.99	10.11	3.1	NO	NO	0.2
B-23-16C	5	FS	1	14.21	12.08				0.5

B-23-16D	5	FS	1	14.46	12.95				0.5
B-23-17A	5	PROX	2	36.09	33.22	8	YES	NO	4.2
B-23-17B	5	PROX	2	16.52	6.98	5.41	YES	NO	0.2
B-23-17C	5	FS	2	30.44	22.15				2
B-23-17D	5	FS	1	14.27	5.98				0.2
B-23-18A	5	PROX	2	26.44	25.3	14.94	YES	NO	4.2
B-23-18B	5	PROX	2	36.57	19.96	20.23	YES	NO	1.5
B-23-18C	5	PROX	2	10.12	8.18	4.28	YES	NO	0.1
B-23-18D	5	FS	1	23.6	18.37				2.1
B-23-18E	5	FS	2	15.58	6.69				0.2
B-23-19	5	PROX	2	54.24	44.37	28.23	YES	NO	15.6
B-23-20A	5	PROX	2	36.69	16.81	3.96	YES	NO	1.4
B-23-20B	5	FS	1	16.59	5.01				0.2
B-23-21	5	PROX	2	46.08	39.67	18.56	YES	NO	10.2
B-23-22A	5	PROX	2	29.31	18.64	14.76	YES	NO	2
B-23-22B	5	PROX	2	16.76	16.59	8.91	YES	NO	0.4
B-23-22C	5	FS	2	15.47	11.26				0.3
B-23-22D	5	FS	2	18.24	7.9				0.2
B-23-22E	5	FS	1	14.43	11.05				0.2
B-23-22F	5	FS	1	10.09	9.05				0.2
B-23-22G	5	PROX	1	11.51	9.38	2.37	NO	NO	0.2
B-23-23A	5	PROX	4	48.06	29.02	30.22	NO	NO	5.5
B-23-23B	5	FS	4	19.86	10.19				0.4
B-23-23C	5	FS	4	17.24	6.29				0.2

B-23-23D	5	FS	1	12.03	8.51				0.2
B-23-24A	5	PROX	2	14.14	11.7	2.24	YES	NO	0.7
B-23-24B	5	FS	1	18.15	7.35				0.2
B-23-25A	5	PROX	2	27.53	9.07	3.33	NO	NO	0.4
B-23-25B	5	FS	3	22.14	12.09				0.4
B-23-26A	5	PROX	2	52.87	29.31	3.42	NO	NO	13.6
B-23-26B	5	PROX	1	9.97	8.5	8.99	NO	NO	0.3
B-23-26C	5	PROX	1	12.81	9.53	6.55	NO	NO	0.2
B-23-26D	5	FS	2	12.15	8.38				0.1
B-23-27A	5	PROX	1	47.1	21.52	12.79	NO	NO	6.5
B-23-27B	5	FS	2	53.28	21.1				8.1
B-23-27C	5	PROX	2	35.96	20.48	24.38	NO	NO	1.8
B-23-27D	5	PROX	1	23.1	16.55	10.04	NO	NO	2.6
B-23-27E	5	FS	1	16.65	9.37				0.1
B-23-27F	5	FS	1	17.67	6.52				0.1
b-23-27g	5	FS	1	19.3	4.98				0.2
B-23-28A	5	PROX	2	50.81	24.48	5.15	NO	NO	8.9
B-23-28B	5	PROX	1	12.36	8.75	4.11	NO	NO	0.1
B-23-28C	5	PROX	1	21.99	10.14	2.98	NO	NO	0.2
B-23-28D	5	FS	1	11.92	9.52				0.1
B-23-28E	5	ANG	2	28.99	9.62				1.7
B-23-28*	5	PROX	3	23.91	21.07	8.44	NO	NO	1.9
1	5	PROX	2	12.49	12.95	4.92	YES	NO	0.4
2	5	PROX	3	23.18	10.68	5.1	YES	NO	0.4

3	5	PROX	2	15.93	7.81	6.46	YES	NO	0.2
4	5	PROX	1	16.14	9.68	3.68	NO	NO	0.3
5	5	PROX	2	11.46	9.62	3.45	NO	NO	0.1
6	5	PROX	2	11.44	6.84	5.15	NO	NO	0.3
7	5	FS	1	14	9.76				0.2
8	5	PROX	1	9.54	9.96	3.32	NO	NO	0.1
B-25-1	5	PROX	2	48.42	33.66	16.54	YES	NO	7.4
B-25-2	5	PROX	2	87.81	54.12	49.04	YES	NO	64.7
B-25-3A	5	PROX	3	60.8	34.07	23.01	YES	NO	7
B-25-3B	5	PROX	3	22.73	18.2	3.65	NO	NO	0.7
B-25-3C	5	PROX	3	18.66	10.48	8.13	YES	NO	0.3
B-25-4A	5	PROX	2	41.17	39.52	13.63	YES	NO	5.8
B-25-4B	5	PROX	3	25.99	21.64	21.56	YES	NO	1.5
B-25-5A	5	PROX	2	33.25	19.51	7.62	NO	NO	1.9
B-25-5B	5	PROX	2	31.07	9.89	6.34	NO	NO	0.8
B-25-5C	5	FS	1	9.54	6.84				0.1
B-25-6A	5	PROX	2	48.02	25.8	13.26	NO	NO	5.4
B-25-6B	5	PROX	1	32.95	16.9	15.56	NO	NO	1.8
B-25-6C	5	FS	1	12.35	7.56				0.1
B-25-6D	5	PROX	1	15.62	6.95	4.1	NO	NO	0.2
B-25-6E	5	PROX	1	18.95	15.4	12.52	NO	NO	0.7
B-25-6F	5	FS	1	17.81	5.7				0.2
B-25-7A	5	PROX	2	101.08	63.97	9.16	NO	NO	91
B-25-7B	5	PROX	2	34.05	14.34	14.33	NO	NO	2.8
B-25-7C	5	PROX	1	10.39	9.5	6.9	NO	NO	0.1
B-25-7D	5	PROX	1	15.93	13.21	9.28	NO	NO	0.7
B-25-7E	5	FS	1	11.07	10.92				0.1
B-25-8A	5	PROX	2	59.4	32.82	23.91	NO	NO	7.3
B-25-8B	5	PROX	2	18.22	12.65	11.81	NO	NO	0.5
B-25-8C	5	PROX	2	39.06	25.19	9.02	NO	NO	3
B-25-8D	5	PROX	2	57.25	20.27	27.36	NO	NO	4.5
B-25-8E	5	PROX	2	12.94	8.68	8.86	NO	NO	0.2
B-25-9A	5	PROX	2	54.74	25.16	15.12	NO	NO	14.5
B-25-9B	5	ANG	2	37.46	12				2.2
B-25-9C	5	PROX	1	11.54	7.76	7.2	NO	NO	0.3
b-25-10	5	PROX	2	52.66	24.73	5.23	NO	NO	5.5
B-25-11A	5	PROX	2	103.1	37.97	12.23	NO	NO	53.5
B-25-11B	5	PROX	1	27.08	11.07	3.09	NO	NO	0.4
B-25-11C	5	PROX	1	14.01	13.49	6.44	NO	NO	0.3

B-25-11D	5	FS	1	15.73	9.68				0.2
B-25-11E	5	PROX	2	8.48	7.91	4.01	NO	NO	0.1
B-25-11F	5	FS	1	9.36	8.84				0.1
B-25-12A	5	PROX	1	22.8	19.74	5.27	NO	NO	0.8
B-25-12B	5	FS	1	19.47	11.73				0.5
B-25-12C	5	FS	2	25.51	12.44				0.7
B-25-12D	5	PROX	1	14.29	8.2	4.65	NO	NO	0.4
B-25-13	5	PROX	1	16.44	8.85	3.37	NO	NO	0.3
B-25-14	5	PROX	1	14.05	9.94	6.18	NO	NO	0.2
B-25-15A	5	PROX	3	26.68	18.89	10.38	NO	NO	1.1
B-25-15B	5	PROX	1	17.99	12.98	8.13	NO	NO	0.9
B-25-15C	5	FS	1	45.13	20.24				3.1
B-25-15D	5	FS	2	44.09	29.5				7.3
B-25-16	5	PROX	2	27.86	24.08	8.6	YES	YES	3.1
B-25-17	5	ANG	2	49.32	26.4				16.3
B-25-18	5	PROX	2	18.12	9.49	5.25	NO	NO	0.4
B-25-19A	5	PROX	2	13.15	7.36				0.2
B-25-19B	5	FS	1	11.44	7.65				0.2
B-25-19C	5	FS	1	12.18	8.71				0.1
B-25-20A	5	PROX	3	28.82	15.14	13.98	NO	NO	1.6
B-25-20B	5	PROX	3	19.16	15.5				0.6
B-25-20C	5	PROX	1	15.13	10.56	3.88	NO	NO	0.4
B-25-21A	5	PROX	1	23.1	6.65	3.11	NO	NO	0.4
B-25-21B	5	FS	3	45.89	20.02				3.2
B-25-22A	5	PROX	2	23.42	13.43	8.16	NO	NO	1.4
B-25-	5	PROX	1	16.31	10.59	5.73	NO	NO	0.5

22B									
b-25-22c	5	PROX	1	12.93	12.73				0.2
B-25-22D	5	PROX	1	16.19	5.25	3.28	NO	NO	0.1
B-25-23a	5	PROX	1	18.94	14.73	5.28	NO	NO	0.7
B-25-23B	5	FS	1	15.24	9.08				0.2
B-25-23C	5	FS	1	11.27	10.03				0.2
B-25-24A	5	FS	1	18.76	16.5				0.9
B-25-24B	5	FS	1	13.53	11.34				0.3
B-25-25	5	PROX	1	12.45	8.44	5.9	NO	NO	0.1
B-25-26A	5	PROX	1	12.35	6.88	2.94	NO	NO	0.1
B-25-26B	5	FS	1	14.98	9.75				0.2
B-25-26C	5	FS	1	11.7	9.81				0.1
B-25-27A	5	PROX	1	36.14	33.53	8.22	NO	NO	4.9
B25-27B	5	FS	1	13.03	5.75				0.1
B-25-28	5	PROX	1	37.1	12.17	7.81	NO	NO	1.1
B-25-29A	5	PROX	2	21.27	10.39	2.29	YES	NO	0.6
B-25-29B	5	FS	2	17.03	9.82				0.4
B-25-29C	5	FS	2	17.31	11.81				0.3
B-25-30	5	PROX	2	30.38	22.3	15.15	YES	NO	2.1
B-25-30A*	5	PROX	2	27.23	15.55	20.57	YES	NO	1.7
B-25-30B*	5	FS	1	14.76	8.34				0.1
B-5-31A	5	PROX	2	36.04	22.59	12.39	NO	NO	2.8
B-25-31B	5	FS	3	18.94	8.25				0.3
B-25-31C	5	FS	1	15.8	7.04				0.1
B-25-32	5	PROX	1	36.56	28.79	23.56	NO	NO	3.9
B-25-33	5	FS	1	12.39	10.48				0.2
B-25-34A	5	PROX	1	16.5	11.16	7.7	NO	NO	0.3

B-25-34B	5	PROX	1	10.28	9.79	6.52	NO	NO	0.1
B-25-35A	5	PROX	1	15.05	12.83	8.74	NO	NO	0.2
B-25-35B	5	PROX	1	21.45	10.09	7.97	NO	NO	0.8
B-25-35C	5	FS	1	33.69	14.71				1.1
B-25-36	5	PROX	1	37.46	25.12	20.99	NO	NO	3.3
B-25-37A	5	PROX	1	22.16	18.54	21.69	NO	NO	2.1
B-25-37B	5	FS	1	20.3	15.48				1.5
B-25-37A*	5	PROX	1	11.85	8.51	7.89	NO	NO	0.1
B-25-37B	5	FS	1	19.78	6.75				0.2
1	5	PROX	2	37.18	16.72	13.52	NO	NO	2.8
2	5	PROX	2	37.89	20.28	16.92	NO	NO	2.1
3	5	FS	1	15.82	15.29				0.8
4	5	PROX	1	17.29	9.57	9.65	NO	NO	0.3
5	5	PROX	1	15.55	7.8	0.77	NO	NO	0.2
6	5	FS	1	10.86	10.25				0.1
7	5	PROX	2	11.22	10	7.88	YES	NO	0.2