VIRGIN ISLANDS RESOURCE MANAGEMENT COOPERATIVE

BIOSPHERE RESERVE
RESEARCH REPORT NO. 27

INITIAL INVENTORY OF THREE PERMANENT FOREST PLOTS IN THE VIRGIN ISLANDS NATIONAL PARK

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Virgin Islands National Park

September, 1988

The Virgin Islands Resource Management Cooperative (VIRMC) was formed in 1982. Signatories to the Memorandum of Understanding are: Virgin Islands National Park, the Department of Planning and Natural Resources of the U.S. Virgin Islands Government (Division of Fish and Wildlife and Division of Natural Resources Management), University of the Virgin Islands, West Indies Laboratory, Island Resources Foundation, Eastern Caribbean Natural Area Management Program, U.S. Geological Survey, U.S. Fish and Wildlife Service, Southern Forest Experiment Station, University of Puerto Rico (Sea Grant Program and the Center for Energy and Environment Research), Caribbean Fishery Management Council, the Ministry of Natural Resources and Labor of the British Virgin Islands Government, and the British Virgin Islands National Parks Trust.

The objectives of the cooperative are:

1. To establish a Virgin Islands Resource Management Cooperative for the purpose of providing coordinated research, extension, and educational support of programs to achieve full benefits of island forests, wildlife, water resources, the marine environment, and historic areas and their associated resources for their cultural, social, commercial, economic, and recreational utilization and enjoyment.

2. To provide for the direction and management of the Cooperative by forming an Executive Committee, comprised of one representative from each of the organizations who are parties to this agreement, which will a) elect annually a Chairman from the membership of the Executive Committee to serve for a term of one year, b) appoint an Executive Officer to a staff position to coordinate the work of the cooperative, c) appoint technical committees and project leaders, d) provide for the orderly process of development and implementation of policy, and e) foster cooperative activities and relationships among participating parties and with other agencies and institutions.

3. To coordinate and facilitate financial and other support for research on environmentally acceptable uses of forests, wildlife, the marine environment and historic areas, and their associated resources in order to provide for their better management.

4. To provide for the collective utilization of the unique attributes and resources (personnel, facilities, equipment, and other support services) of the parties as they may relate to objectives pursued under this agreement.

5. To plan for appropriate dissemination, publication, and application of research and information.

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ABSTRACT

A quantitative forest inventory was conducted in three permanent study plots within the boundaries of the Virgin Islands National Park on the island of St. John, U.S.V.I. Plot One, on Bordeaux Mountain, is located in the Reef Bay watershed and is 1 hectare (ha) (100m x 100m). Plot Two is found in the L'Esperance area of St. John in the Fish Bay watershed and measures .5 ha (50m x 50m) in area. Plot Three is located on the north coast of the island in the Hawksnest Bay watershed and is also .5 ha (50m x 50x). All stems with a diameter at breast height (DBH, at 1.3 meters) greater than or equal to 5cm were sampled. Information gathered included taxonomic identification, DBH measurements in centimeters, tree heights in meters and spatial distribution within the study plot. With these data, basal area, relative density, relative dominance and relative frequency values were calculated by species.

Plot One (Bordeaux) is located in upland moist forest. A total of 62 species were identified representing 33 families with a basal area of 31.08 square meters from the 2348 stems sampled. The five most important species based on calculation of ecological importance value or I.V. (sum of relative density, relative dominance and relative frequency values) included: Guapira fragrans (I.V.=34.79); Pimenta racemosa (I.V.=32.37); Inga fagifolia (I.V.=31.61); Acacia muricata (I.V.=29.20); and Byrsonima coriacea (I.V.=25.66). Together these five species make up 51.19% of the total importance value.

Plot Two (L'Esperance) is also located in upland moist forest. A total of 39 species were identified representing 26 families with a basal area of 15.82 square meters from the 1199 stems sampled. The five most ecologically important species included: Ardisia obovata (I.V.=67.35); Guapira fragrans (I.V.=38.08); Inga fagifolia (I.V.=21.00); Andira inermis (I.V.=19.09); and Ocotea coriacea (I.V.=13.74). These five trees make up 53.09% of the total importance value.

Plot Three (Hawksnest) is located in the dry evergreen woodland vegetation type. A total of 54 species representing 26 families were identified. The total basal area for the plot was 13.269 square meters from the 1327 sampled stems. The five most ecologically important species included: Melicoccus bijugatus (I.V.=102.67); Guapira fragrans (I.V.=28.46); Bursera simaruba (I.V.=16.23); Ocotea coriacea (I.V.=15.38); and Krugiodendron ferreum (I.V.=12.80). Melicoccus bijugatus an introduced species, makes up 34.22% of the importance value and the five combined total 58.51% of the importance value.

Each study plot has been located in a critical study watershed as determined by VIRMC. The study will be long-term (20 years) and will generate information on the dynamics of secondary forests including growth rates, basic ecology, phytosociology, impact of previous land use

practices, and the role of exotic plant species. Information gathered from this study will provide information to develop strategies for forest management, ecosystem restoration and rare species conservation. It is hoped that this initial inventory will also facilitate additional ancillary studies both in the permanent plots as well as in the watersheds where they are located.

ACKNOWLEDGEMENTS

This phase of the project is a continuation of the VIRMC II support to the study. In both phases we received a great deal of support from a variety of institutions and individuals. The Cooperative Extension Service of the University of the Virgin Islands has been involved with this effort since its conception and has supplied staff time and technical expertise. John Matuszak coordinated this cooperation and remains an active participant in the project. The New York Botanical Gardens and particularly Drs. Ghillean Prance and Scot Mori and Pedro Acevado made several trips to the island to work on plot establishment and the taxonomy. Dr. Roy Woodbury has also been involved with the project since the start and did most of the tree identification work. The Yale School of Forestry and Environmental Studies' Tropical Resources Institute facilitate Anne Reilly's travel to St. John. Dr. Caroline Rogers of the Virgin Islands National Park helped in plot establishment, logistics and provided the encouragement and logistical support that help get things accomplished. Finally, Mrs. Sandra Gavin spent countless hours on editing and calculations of this document.

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INTRODUCTION

Several recent documents have stressed the need to enhance research and improve management techniques in secondary forest areas in the tropics (Department of State 1980; O.T.A. 1984; World Resources Institute 1986). Vast areas of secondary forests throughout the Neotropics have been overlooked as potentially productive areas due to lack of information on basic ecology and silvicultural possibilities. These areas could potentially be managed for timber and fuelwood in such a manner so as to maintain a high percentage of the ecological integrity while simultaneously relieving pressure on other more critical primary habitats. This situation is especially true in the Caribbean where the land pressure situation is critical and only small amounts of primary forest remain to protect wildlife and watershed resources. Although substantial strides have been made in the last several years, there continues to be a paucity of baseline data available on the dynamics of secondary forests in the Caribbean.

In an effort to gain additional knowledge in this area, the New York Botanical Garden (NYBG) has initiated a long-term secondary forest dynamics study in three critical watersheds in the Virgin Islands National Park. Although not a member of the Virgin Islands Resource Management Cooperative (VIRMC), the NYBG has received substantial support from both Phase II and Phase III VIRMC Research Series supported by the United States National Park Service (NPS). The following report will provide a brief description of the process and progress developed to date on the establishment of the study. The main purpose of this document is to provide the reader with sufficient information on both the methodology and results of the initial inventory so as to be a useful tool for the initiation of ancillary studies or field training exercises in the plots or the same watersheds.

It must be remembered that the overall goal of this effort is to provide forest management information to natural resource professionals and policy makers in the Caribbean to allow for the improved use and management of forest resources. The NYBG is committed to monitoring the plots over a period of twenty years to greatly enhance current knowledge on successional patterns of degraded secondary forests. Only through these types of detailed investigations can appropriate silvicultural prescriptions be developed. Additionally, periodic results will allow for decisions to be made in the hope that the current level of resource degradation can be reduced.

Very little analysis of collected data has been provided in this document. Rather, specific analytical results will be forthcoming via scientific publications in forestry and botanical journals during the twenty year life of the study. Obviously, all such information will be made available immediately to both VIRMC and the Virgin Islands National Park.

The specific purpose of this first phase of the study was to establish the plots and conduct an initial inventory that would provide baseline information on the floristic composition of three forested areas on the island of St. John. The short-term objectives are to identify all trees in each of the three study plots, determine the diameter at breast height (DBH) to facilitate basal area analysis, measure the heights of selected stems to allow for height calculations via regression analysis, and to measure the spatial distribution of the sampled trees.

Remeasuring will be conducted at specific time intervals not to exceed five years. Once these concurrent data are compared with previous information, the long-term objectives of the study can be completed.

These long-term objectives include the following:

- Description of the dynamics and successional patterns of secondary forests on St. John. Data to be gathered include: tree growth, tree mortality and recruitment, taxonomy, physiognomy, competitive strategies and vertical stratification;

- Analysis of the impact of introduced species on the development of natural forest stands;

- Analysis of the role played by major disturbances such as hurricanes;

- Determination of the impact of previous land-use practices on the recovery of the natural forest;

- Production of management strategies for the preservation of endangered plant species.

METHODOLOGY

Study Site

St. John was chosen as the site of this long-term study for a number of reasons. From the ecological development standpoint, St. John is similar to many other islands in the Lesser Antilles. The current vegetation is similar to that of nearby islands (Beard 1945; Beard 1949; Little 1969; Woodbury and Little 1976).

Furthermore, the island was also subjected to the same mass exploitation and forest removal that most of the islands of the region. This, combined with the introduction of domestic animals and exotic plant species, has totally altered the natural vegetation in many parts of the Caribbean.

The plots are located in both a Biosphere Reserve and a U.S. National Park. This has given the investigators confidence that the likelihood of the plots being protected over the course of the study is good. Additionally, with the Biosphere Reserve status, the potential for information dissemination, regional significance and training opportunities is much greater.

The Virgin Islands National Park has good information on the status of the natural vegetation at the time the island became a park. A series of aerial photographs dating back to 1954 can be used to evaluate the vegetative changes over time. Assuming that the study areas have been subjected to little or no anthropogenic disturbance in this thirty year period, it would at least on the surface seem that the forest has returned in very natural fashion given the presence of domestic animals and exotic plants.

Finally, there have been a number of previous studies looking at the vegetation of St. John (Robertson 1957; Little and Wadsworth 1964; Ewel and Whitmore 1973; Little et al. 1974; Forman and Hahn 1980; Weaver and Woodbury 1982; Woodbury and Weaver 1987). However, none of these have looked at long-term changes in the forest or the effects of historical land-use practices on stand development.

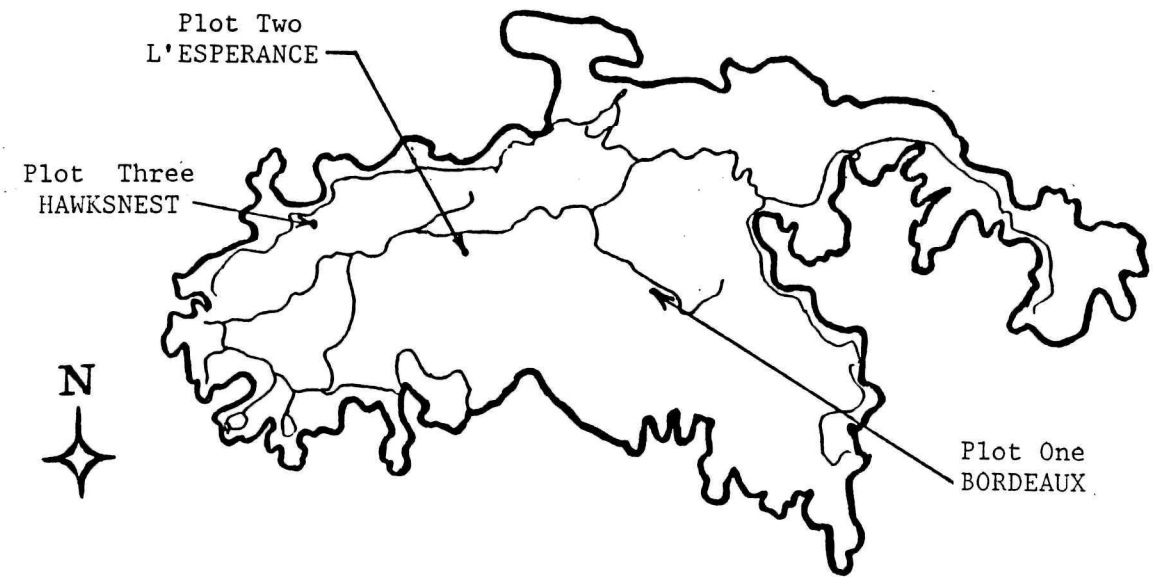
Plot Locations

The plots are located in same watersheds where other VIRMC supported research is currently being conducted. This was done to lend a watershed approach to research activities and hopefully reinforce results found in other investigations. The three watersheds were chosen because of current resource pressures and their distinct development histories. As a result, the three plots were located in the Reef Bay, Fish Bay, and Hawksnest Bay watersheds. Through the use of aerial photographs and extensive ground reconnaissance, the study areas were identified. All three plots were selected so as to be relatively accessible on foot yet sufficiently off main thoroughfares so as to avoid vandalism or edge effect. (Approximate plot locations can be seen in Figure 1.)

Bordeaux-Plot One

Bordeaux Plot (see Appendix I for summary data) was first established in 1984. It is located just off the Bordeaux Mountain dirt road at approximately 2.5 kilometers from the Centerline Road turnoff, at an

FIGURE 1. Map of St. John with Plot Locations



elevation of 280 meters. At utility pole #31403-026 the trail to the plot heads off in a southwest direction down the gut towards Reef Bay Plantation ruins. The plot begins at approximately one kilometer from the Bordeaux Mountain Road. This plot is one hectare (100m x 100m).

The plot is located in secondary forest and has been variously classified as: moist forest (Robertson 1957); subtropical moist forest (Ewel and Whitmore 1973); evergreen broadleaf forest (Teytaud 1983,); and upland moist forest (Woodbury and Weaver 1987). The continuous canopy is approximately 15-20 meters with occasional emergent trees reaching 25 meters. A third lower synusia or continuous canopy layer is made up of several shade tolerant species and advance growth trees attaining a height of between 5-10 meters.

According to historical records, it appears that the area was last farmed approximately one hundred years ago (Tyson 1986). There is a great deal of evidence of previous farming activity within the plot including small bench terraces, artifacts and exotic fruit trees. Tyson (1986) also estimates that sugar cane, a very demanding crop, was grown in the area for somewhat less than one hundred years. Cattle were also grazed in the area. Later analysis will attempt to ascertain the effects of land-use practices on natural regeneration and stand development.

The plot is located on very steep slopes across a intermittent stream bed with north and south facing aspect. The soil series is Cramer (CrF), which is the most common on the island. It is characterized as a well drained clay loam on moderately sloping to steep areas, shallow and well-drained (Rivera et al. 1970). This series is of volcanic origin with reaction values in the 6.1-7.3 pH range.

L'Esperance-Plot Two

L'Esperance Plot (see Appendix II for data) was initiated in 1985. It is located in the central part of the island approximately 5 kilometers from Cruz Bay. The plot is just off Centerline Road at an elevation of 195 meters and can be found by walking down Rte. 10 at L'Esperance for approximately 1 kilometer and then walking up Fish Bay stream for .5 kilometers in a northeasterly direction. It is a 50m x 100m rectangular, .5 hectare plot oriented in an east-west direction.

According to previous vegetation studies, Plot Two is also located in moist forest. There are three main synusia, although the heights are generally smaller than on Bordeaux. The authors estimate the stand to be somewhat younger than Bordeaux, approximately 60-70 years old. The area was also subjected to several decades of intensive agriculture as evidenced by the presence of terracing. The L'Esperance area has experienced a similar land-use history as Plot One.

The topography is moderately steep and the plot orientation again allows for north/south aspects across the Fish Bay stream. The soil in the L'Esperance area is of the same Cramer (CrF) series, but is thinner and the evidence of past erosion is more pronounced.

Hawksnest-Plot Three

The third plot is located on the north shore of St. John in the Hawksnest Bay area. It can be located by travelling along the Northshore Road, approximately 5.0 kilometers from Cruz Bay. At the end of greater Hawksnest Beach, the road makes a left turn and the plot can be found 500 meters up the Hawksnest Stream bed, by walking in a southeast direction. This plot is also .5 hectares measuring 50m x 100m in a north-south orientation and is located at an elevation of 12 meters.

Ewel and Whitmore (1973) classified this area as subtropical moist forest, differing from both Robertson (1957), who classified the area as dry forest and Woodbury and Weaver (1987), who classified the area as the upland version of the dry evergreen woodland. The area has two basic canopy levels, 5-10 meters and 10-12 meters with occasional emergents in the 15-20 meter range. Overall tree heights are generally shorter in Plot Three when compared with Plots One and Two. The authors estimated that this area was the last of the three plots to be abandoned. Tyson (1986) indicates that the area was subjected to plantation cropping for nearly 200 years, and empirical observations indicate that the area was heavily abused with a great deal more erosion when compared to the other plots; there is virtually no topsoil left.

The plot is laid out in an east-west orientation across the Hawksnest stream bed. The soil survey (Rivera et al., 1970) indicates that the plot is located on Cramer (CrE) series, also a gravelly clay loam and somewhat less sloped topography. The east side of Plot Three is moderately sloped with the west side located on a very steep area.

It is interesting to note that the NPS unfortunately decided to put a large parking lot and reroute the road very close to the Hawksnest plot which required a clearcut of the surrounding forest. The authors plan to look into the possibility of conducting habitat restoration studies in the parking lot area.

Plot Layout

Although there has been little consistency in the layout of quantitative forest inventory studies (Campbell et al. 1986), it was determined by study participants that one full hectare in a 100m x 100m grid and two half hectare plots in a 50m x 50m grid, would be most appropriate for this study. This approach will be evaluated after the first reinventory work to determine its effectiveness. At each plot a compass bearing was chosen and a baseline transect was established along that bearing. This initial baseline was 100 meters and stakes were

planted at 10 meter intervals along the baseline. A perpendicular baseline was then established and a grid of subplots measuring 10m x 10m were staked out and tied with survey line. Each subplot was assigned a number, i.e. 1A-10J in the Plot One, for a total of 100 subplots and 1A-5J in Plot Two and Plot Three, for a total of 50 subplots each. The subplot demarcation facilitated spatial distribution measures and relative frequency calculation for both species and families.

Data Collection

At each site all stems were measured and DBHs were recorded for all trees measuring five centimeters or greater. The DBH was measured at 1.3 meters and this point was spray painted to allow for the accuracy of future measurements. If a tree was branched below the DBH mark it was classified as a multiple stem (under STEM in data sheets with M= multiple stem and S= straight bole), but was considered as one tree in these initital computer generated stem maps.

Once the DBHs were calculated, the basal area (BA AREA in the data sheets) of each tree was determined using the following equation:

$$\text{Basal Area} = .000078539816 \times \text{DBH}^2$$

Once measured and recorded, each stem was tagged with an aluminum numbered marker (TAG in data sheets) and identified. Species (SPECIES in data sheets) were identified by using the nomenclature of Cronquist (1968) and referenced with Little and Wadsworth (1964), Little et al., (1974), and Acevedo (1985). When questions arose, voucher specimens were returned to the NYBG for specialist review. As can be seen from the data sheets, all species have now been identified. The representative family of each species are also given in the appendices (FAM in the data sheets). The NYBG has established a St. John collection within its herbarium and has recently initiated an entire Flora of the island as a follow-up to this and the Woodbury and Weaver studies.

The trees were then measured within each subplot (SPLT in the data sheets) and assigned X-Y coordinates up to ten meters (X-Y in the data sheets) using a metric tape and measuring to the nearest centimeter. These data were left in relative terms (on a subplot level) to allow for rapid locating by other workers once they are in the appropriate subplot. Thus, it should be easy to find a particular stem for future studies. Figures 2-4 present a computer generated plot of all stems in each plot based on the X-Y coordinates.

The authors had originally planned to collect data on the heights (HGT in the data sheets) of all recorded stems. This information is needed to determine the vertical stratification in the stands of the

FIGURE 2. Computer Generated Stem Map for Plot One from X-Y Coordinates.

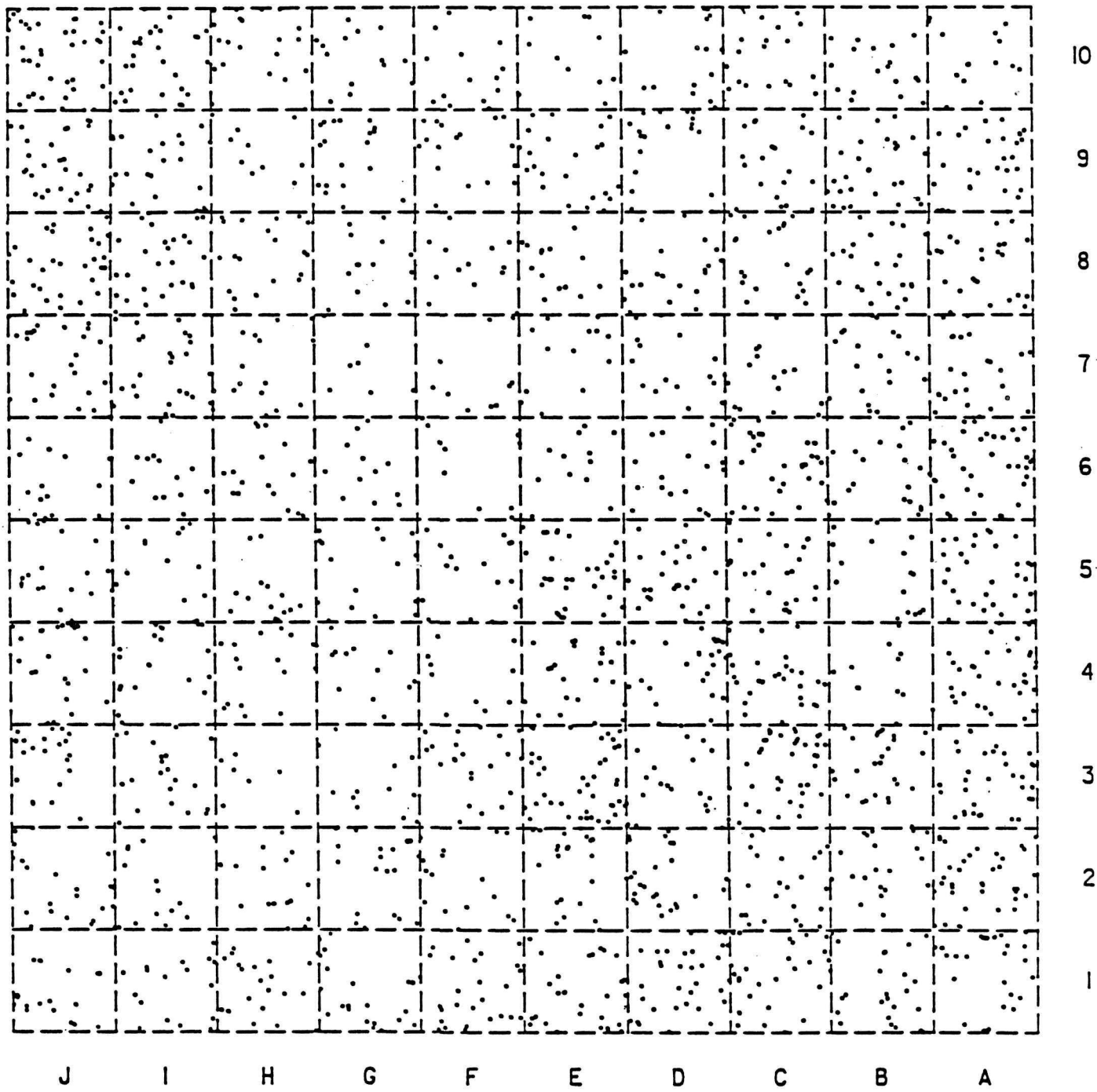


FIGURE 3. Computer Generated Stem Map for Plot Two from X-Y Coordinates.

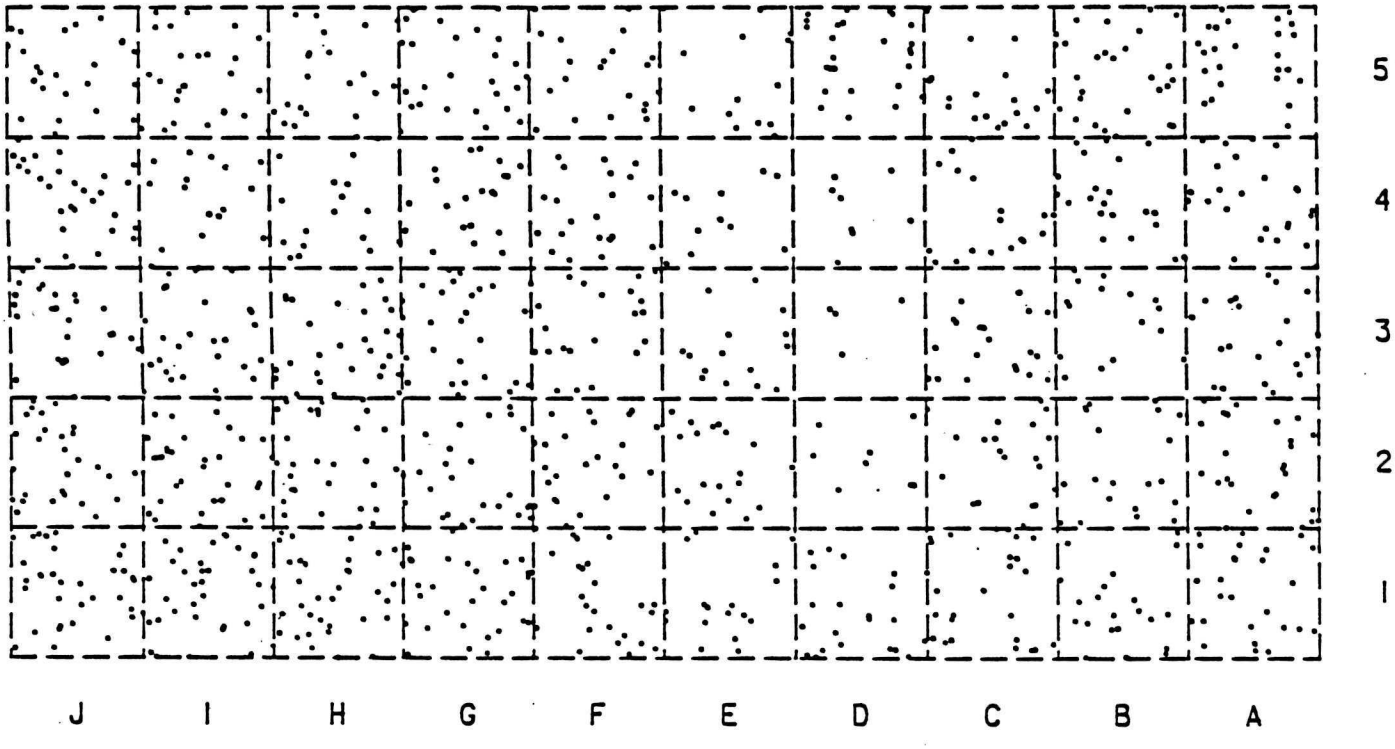
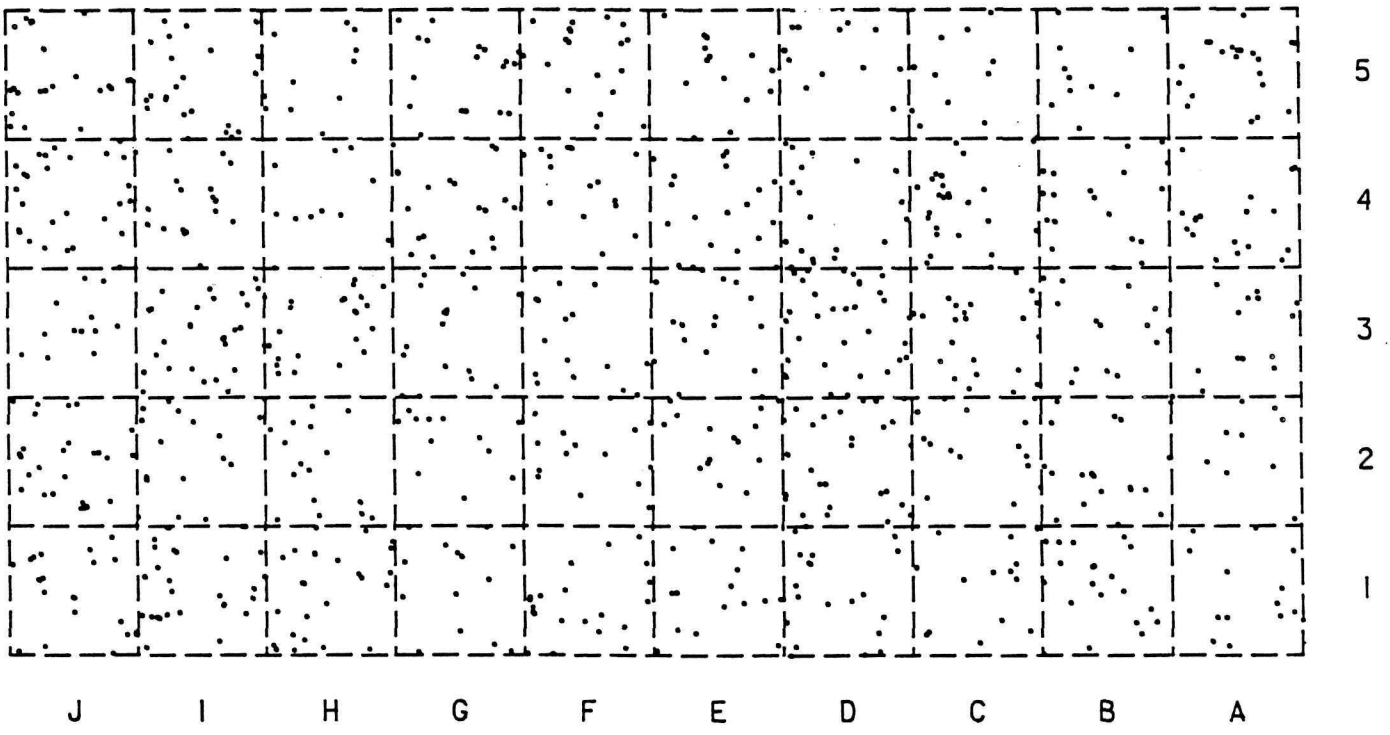


FIGURE 4. Computer Generated Stem Map for Plot Three from X-Y Coordinates.



various study sites. Two methods were employed to determine tree heights to the nearest meter. A range finder was used at the base of the stem where tree tops could be best seen in that location and a clinometer was employed with trigonometric triangulation in situations where the stem top could be better seen at a distance. Unfortunately, due to the density of canopy and the roughness of the terrain, the tree measurement process was much more time consuming than anticipated. As a result, the investigators were unable to finish all tree height measurements. Sufficient information has been gathered to calculate unmeasured tree with regression equations, however, the data sheets only reflect actual measured stems as the study plan calls for complete measurements in the near future.

Additional information was also collected during the course of the data collection. Several trees died (DEAD in the data sheets) or appeared senescent (SICK in the data sheet) during the plot layout and mensuration. This, along with date, is included in the STATUS column on the data sheets. A number of trees were windthrown during the tropical depression storm Klaus in November of 1984 and if still alive are noted as WTHW with date in the data sheet. All of these data can be found in the STATUS column in the various appendices.

RESULTS

A summary of these initial data can be found in Tables 1-3. Plot One, on Bordeaux mountain (1.0 ha), had a total of 62 species representing 49 genera and 33 families. The basal area of the total 2348 stems 5cm DBH or greater is 31.08 sq. meters. The ecological importance value (I.V.) was calculated for each species. The value is a sum of the relative density, relative dominance and relative frequency of each species within the plot and provides a general idea of the particular importance of individual species of the forest. The five most ecologically important species in the plot make up 51.19% of the total I.V. and include: Guapira fragrans (I.V.=34.79), Pimenta racemosa (I.V.=32.35), Inga fagifolia (I.V.=31.61), Acacia muricata (I.V.=29.20), and Byrsonima coriacea (I.V.=25.66). Together the ten most important species make up 72.78% of the total importance value. All of the top five important species are upper canopy trees. Table 4 provides a list of the top ten species for each plot.

Plot Two, at L'Esperance (.5 ha), had a species richness of 39 species. This total species count represented 33 genera and 26 families. The 1199 sampled stems had a total basal area of 15.82 sq. meters. The five most ecologically important species in the plot include: Ardisia obovata (I.V.=67.35), Guapira fragrans (I.V.=38.08), Inga fagifolia (I.V.=21.00), Andira inermis (I.V.=19.09), and Ocotea coriacea (I.V.=13.74). Together, these five make up 53.09% of the total I.V. Of this group, only one, Ardisia obovata, is considered a lower canopy species, with the rest being co-dominant trees within the continuous canopy. The ten most important species total 72.82% of the I.V. within the plot.

Plot Three, located in Hawksnest Bay area (.5 ha), had a total of 54 species. This is somewhat surprising as, being a dry forest, it was thought to be less diverse. This species total represented 43 genera and 26 families and the 1327 total stems sampled had a basal area of 13.269 sq. meters. The five most important species include: Melicoccus bijugatus (I.V.=102.67), Guapira fragrans (I.V.=28.46), Bursera simaruba (I.V.=16.23), Ocotea coriacea (I.V.=15.38), and Krugiodendron ferreum (I.V.=12.80). These five trees make up 58.51% of the importance value in this forest type. Of these species, only Krugiodendron ferreum is considered as lower canopy species. Both Krugiodendron ferreum and Bursera simaruba are very indicative of dry forest types. One dominant species, Melicoccus bijugatus, is an introduced tree yet makes up 34.22% of the total I.V.. The fruit of this exotic tree is highly desired by local populations and is perhaps so abundant in this coastal forest due to its being favored. The ten most important trees make up 72.63% of the total importance value.

TABLE 1

ST. JOHN FOREST DYNAMICS STUDY

1.

BORDEAUX TOTAL SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	NO.TR	OCCR	TOTALS B.A.	%R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
1	Acacia muricata (L.)Willd	MIMOSACEAE	248	32	4.6450	10.56	3.69	14.95	29.20	N
2	A. westiana DC.	MIMOSACEAE	3	2	0.0084	0.13	0.23	0.03	0.39	N
3	Adenanthera pavonina L.	MIMOSACEAE	1	1	0.0027	0.04	0.12	0.01	0.17	N/R
4	Allophylus racemosus Sw.	SAPINDACEAE	4	3	0.0199	0.17	0.35	0.06	0.58	N
5	Amyris elemifera L.	RUTACEAE	2	1	0.0090	0.09	0.12	0.03	0.23	N
6	Andira inermis (Wright) HBK	FABACEAE	9	7	0.0547	0.38	0.81	0.18	1.37	N
7	Ardisia obovata Desv.	MYRSINACEAE	222	56	0.9665	9.45	6.46	3.11	19.02	N
8	Bourreria succulenta Jacq	BORAGINACEAE	22	12	0.1706	0.94	1.38	0.55	2.87	N
9	Bursera simaruba (L.)Sarg	BURSERACEAE	1	1	0.0035	0.04	0.12	0.01	0.17	N
10	Byrsonima coriacea (Sw)DC	MALPIGHIACEAE	152	44	4.3869	6.47	5.07	14.11	25.66	N
11	Capparis amplissima Lam.	CAPPARIDACEAE	3	3	0.0433	0.13	0.35	0.14	0.61	N/R
12	C. cynophallophora L.	CAPPARIDACEAE	17	11	0.0850	0.72	1.27	0.27	2.27	N
13	C.indica (L.) Fawc.&Ren.	CAPPARIDACEAE	7	5	0.0560	0.30	0.58	0.18	1.06	N
14	Casearia decandra Jacq.	FLACOURTIACEAE	11	8	0.0306	0.47	0.92	0.10	1.49	N
15	C. guianensis (Aubl.)Urb.	FLACOURTIACEAE	15	13	0.0685	0.64	1.50	0.22	2.36	N
16	C. sylvestris Sw.	FLACOURTIACEAE	3	2	0.0088	0.13	0.23	0.03	0.39	N

1.

NO.TR.= Number of Trees of this Species
OCCR= Occurance in Subplots
B.A.= Basal Area Square Meters by Species
%R.Dn.= % Relative Density
%R.Dm.= % Relative Dominance
I.V.= Importance Value (Sum %R.Dn.+%R.F.+%R.Dm.)
%R.F.= % Relative Frequency
STATUS= N=Native;I=Introduced;R=Rare or Endangered

TABLE 1 (Continued) ST. JOHN FOREST DYNAMICS STUDY

1.

BORDEAUX TOTAL SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	NO.TR	OCCR	TOTALS B.A.	%R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
17	Chrysophyllum pauciflorum Lam.	SAPOTACEAE	7	6	0.0518	0.30	0.69	0.17	1.16	N
18	Citharexylum fruticosum L	VERBENACEAE	14	9	0.0887	0.60	1.04	0.29	1.92	N
19	Clusia rosea Jacq.	CLUSIACEAE	20	5	0.2380	0.85	0.58	0.77	2.19	N
20	Coccothrinax alta (Cook) Becc.	PALMAE	8	7	0.0517	0.34	0.81	0.17	1.31	N
21	Cordia alliodora (Ruis & Pav.) Oken	BORAGINACEAE	23	15	0.3185	0.98	1.73	1.02	3.73	N
22	C. collococca L.	BORAGINACEAE	9	7	0.0576	0.38	0.81	0.19	1.38	N
23	C. laevigata Lam.	BORAGINACEAE	1	1	0.0043	0.04	0.12	0.01	0.17	N
24	C. sulcata DC	BORAGINACEAE	26	17	0.2554	1.11	1.96	0.82	3.89	N
25	Cupania triquetra A.Rich.	SAPINDACEAE	1	1	0.0152	0.04	0.12	0.05	0.21	N
26	Didymopanax morototoni (Aubl.) Decne & Pl.	ARALIACEAE	11	10	0.2392	0.47	1.15	0.77	2.39	N
27	Drypetes alba Poit.	EUPHORBIACEAE	9	7	0.0268	0.38	0.81	0.09	1.28	N
28	Eugenia biflora (L.) DC.	MYRTACEAE	4	4	0.0145	0.17	0.46	0.05	0.68	N
29	E. monticola (Sw.) DC.	MYRTACEAE	10	6	0.0657	0.43	0.69	0.21	1.33	N
30	Faramea occidentalis (L.) A.Rich.	RUBIACEAE	65	38	0.1689	2.77	4.38	0.54	7.69	N
31	Ficus citrifolia Mill.	MORACEAE	1	1	0.0068	0.04	0.12	0.02	0.18	N
32	F. trigonata L.	MORACEAE	3	1	0.2166	0.13	0.12	0.70	0.94	N

1.

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TABLE 1 (Continued) ST. JOHN FOREST DYNAMICS STUDY

BORDEAUX TOTAL SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	NO.TR	OCCR	TOTALS B.A.	%R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
33	Guapira fragrans (DC.) Little	NYCTAGINACEAE	296	82	3.9545	12.61	9.46	12.72	34.79	N
34	Guazuma ulmifolia Lam.	STERCULIACEAE	30	24	1.4044	1.28	2.77	4.52	8.56	N
35	Guettarda scabra (L.)Lamb	RUBIACEAE	49	23	0.2222	2.09	2.65	0.71	5.45	N
36	Hymenaea courbaril L.	CAESALPINACEAE	7	4	0.5191	0.30	0.46	1.67	2.43	N
37	Ilex urbaniana Loes.	AQUIFOLIACEAE	10	4	0.0857	0.43	0.46	0.28	1.16	N/R
38	Inga fagifolia (L.)Willd.	MIMOSACEAE	259	77	3.6371	11.03	8.88	11.70	31.61	N
39	Krugiodendron ferreum (Vahl) Urb.	RHAMNACEAE	4	3	0.0186	0.17	0.35	0.06	0.58	N
40	Licaria salicifolia (Sw.) Kosterm	LAURACEAE	17	12	0.1208	0.72	1.38	0.39	2.50	N
41	L. triandra (Sw.) Kosterm	LAURACEAE	3	3	0.0652	0.13	0.35	0.21	0.68	N
42	Linociera caribaea (Jacq) Knobl.	OLEACEAE	89	31	0.4357	3.79	3.58	1.40	8.77	N
43	Macfadyena unguis-cati (L.) Gentry	BIGNONIACEAE	1	1	0.0031	0.04	0.12	0.01	0.17	N
44	Mangifera indica (L.)	ANACARDIACEAE	3	2	0.0274	0.13	0.23	0.09	0.45	I
45	Margaritaria noblis (L.f.),Muell.& Arg.	EUPHORBIACEAE	2	2	0.0353	0.09	0.23	0.11	0.43	N
46	Maytenus elliptica (Lam.) Krug & Urb.	CELASTRACEAE	8	4	0.1447	0.34	0.46	0.47	1.27	N
47	Morisonia americana L.	CAPPARIDACEAE	35	20	0.1857	1.49	2.31	0.60	4.39	N
48	Myrcia citrifolia (Aubrl.) Urb.	MYRTACEAE	36	22	0.1429	1.53	2.54	0.46	4.53	N

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TABLE 1 (Continued) ST. JOHN FOREST DYNAMICS STUDY

1.

BORDEAUX TOTAL SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	NO.TR	OCCR	TOTALS B.A.	%R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
49	Myrciaria floribunda (West.ex Willd) Berg.	MYRTACEAE	3	2	0.0116	0.13	0.23	0.04	0.40	N
50	Ocotea antillana Meisn.	LAURACEAE	1	1	0.0232	0.04	0.12	0.07	0.23	N/R
51	O. coriacea (Sw.) Britt.	LAURACEAE	108	50	0.6953	4.60	5.77	2.24	12.60	N
52	O. sintenisii Urb.	LAURACEAE	11	6	0.1458	0.47	0.69	0.47	1.63	N/R
53	Ouratea littoralis Urb.	OCHNACEAE	1	1	0.0020	0.04	0.12	0.01	0.16	N
54	Picrasma antillana (Egg.) Urb.	SIMAROUBACEAE	2	1	0.0526	0.09	0.12	0.17	0.37	N/R
55	Pimenta racemosa (Mill.) Moore	MYRTACEAE	317	77	3.1042	13.50	8.88	9.99	32.37	N
56	Pouteria multiflora (DC.) Eyma	SAPOTACEAE	11	5	0.1166	0.47	0.58	0.38	1.42	N
57	Sabinea florida (Vahl)DC.	FABACEAE	2	2	0.0082	0.09	0.23	0.03	0.34	N
58	Spondias mombin L.	ANACARDIACEAE	2	2	0.1119	0.09	0.23	0.36	0.68	N
59	Tabebuia heterophylla (DC.) Britt.	BIGNONIACEAE	67	38	2.6805	2.85	4.38	8.62	15.86	N
60	Ternstroemia peducularis DC.	THEACEAE	4	4	0.0601	0.17	0.46	0.19	0.83	N
61	Trichostigma octandrum (L.) Walter	PHYTOLACCACEAE	3	2	0.0105	0.13	0.23	0.03	0.39	N
62	Zanthoxylum martinicense (Lam.) DC.	RUTACEAE	35	26	0.6757	1.49	3.00	2.17	6.66	N
		TOTALS	2348	867	31.0797	100.00	100.00	100.00	300.00	

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TABLE 2

ST. JOHN FOREST DYNAMICS STUDY

1.

L'ESPERANCE TOTAL SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	NO.TR	OCCR	B.A.	TOTALS %R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
1	Andira inermis HBK.	FABACEAE	73	34	0.7888	6.09	8.02	4.98	19.09	N
2	Ardisia obovata Devs.	MYRSINACEAE	491	50	2.3114	40.95	11.79	14.61	67.35	N
3	Bourreria succulenta Jacq	BORAGINACEAE	6	5	0.0259	0.50	1.18	0.16	1.84	N
4	Bursera simaruba (L)Sarg.	BURSERACEAE	3	2	0.0598	0.25	0.47	0.38	1.10	N
5	Capparis amplissima Lam.	CAPPARIDACEAE	2	2	0.0299	0.17	0.47	0.19	0.83	N/R
6	Casearia decandra Jacq.	FLACOURTIACEAE	8	7	0.0398	0.67	1.65	0.25	2.57	N
7	C. guianensis (Aubl) Urb.	FLACOURTIACEAE	19	10	0.093881	1.58	2.36	0.59	4.54	N
8	C. sylvestris Sw.	FLACOURTIACEAE	2	2	0.0055	0.17	0.47	0.03	0.67	N
9	Chrysophyllum eggersii Pierre	SAPOTACEAE	2	1	0.0575	0.17	0.24	0.36	0.77	N/R
10	C. pauciflorum Lam.	SAPOTACEAE	45	28	0.4414	3.75	6.60	2.79	13.15	N
11	Citharexylum fruticosum L	VERBENACEAE	2	2	0.0205	0.17	0.47	0.13	0.77	N
12	Clusia rosea Jacq.	CLUSIACEAE	15	7	0.3704	1.25	1.65	2.34	5.24	N
13	Coccothrinax alta (Cook) Beccari	PALMAE	1	1	0.0100	0.08	0.24	0.06	0.38	N
14	Cordia alliodora (Ruis & Pav.) Oken	BORAGINACEAE	17	11	0.292512	1.42	2.59	1.85	5.86	N
15	C. collococca L.	BORAGINACEAE	1	1	0.0065	0.08	0.24	0.04	0.36	N
16	Cupania triquetra A.Rich.	SAPINDACEAE	1	1	0.0060	0.08	0.24	0.04	0.36	N

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TABLE 2 (Continued) ST. JOHN FOREST DYNAMICS STUDY

1.

L'ESPERANCE TOTAL SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	NO.TR	OCCR	B.A.	TOTALS %R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
17	Daphnopsis americana spp. caribaea(Gris.)Nevil	THYMELAEACEAE	25	15	0.2191	2.09	3.54	1.38	7.01	N
18	Erythroxylum rotundifolium Lunan	ERYTHROXYLACEAE	14	8	0.0475	1.17	1.89	0.30	3.35	N
19	Eugenia biflora (L.) DC.	MYRTACEAE	2	2	0.0077	0.17	0.47	0.05	0.69	N
20	E. monticola (SW.) DC.	MYRTACEAE	14	7	0.077297	1.17	1.65	0.49	3.31	N
21	Faramea occidentalis (L.) A. Rich.	RUBIACEAE	10	8	0.035330	0.83	1.89	0.22	2.94	N
22	Ficus trigonata L.	MORACEAE	2	2	0.4372	0.17	0.47	2.76	3.40	N
23	Guapira fragrans (DC.) Little	NYCTAGINACEAE	67	33	3.9105	5.59	7.78	24.71	38.08	N
24	Guazuma ulmifolia Lam.	STERCULIACEAE	3	3	0.3901	0.25	0.71	2.47	3.42	N
25	Guettarda parviflora Vahl.	RUBIACEAE	42	17	0.2915	3.50	4.01	1.84	9.35	N
26	G. scabra (L.) Lam.	RUBIACEAE	51	18	0.2910	4.25	4.25	1.84	10.34	N
27	Hymenaea courbaril L.	CAESALPINACEAE	19	12	1.4627	1.58	2.83	9.24	13.66	N
28	Inga fagifolia (L.)Willd.	MIMOSACEAE	59	32	1.349668	4.92	7.55	8.53	21.00	N
29	Mangifera indica L.	ANACARDIACEAE	1	1	0.057680	0.08	0.24	0.36	0.68	I
30	Margaritaria nobilis (L.f.) Muell.& Arg.	EUPHORBIACEAE	13	9	0.824281	1.08	2.12	5.21	8.42	N
31	Maytenus elliptica (Lam.) Krug & Urb.	CELASTRACEAE	1	1	0.0021	0.08	0.24	0.01	0.33	N
32	Melicoccus bijugatus Jacq	SAPINDACEAE	23	11	0.2570	1.92	2.59	1.62	6.14	I

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TABLE 2 (Continued) ST. JOHN FOREST DYNAMICS STUDY

1.

L'ESPERANCE TOTAL SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	NO.TR	OCCR	B.A.	TOTALS %R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
33	Myrcia citrifolia (Aubrl.) Urb.	MYRTACEAE	3	2	0.013331	0.25	0.47	0.08	0.81	N
34	Myrciaria floribunda (West. ex Willd) Berg.	MYRTACEAE	40	15	0.1904	3.34	3.54	1.20	8.08	N
35	Ocotea coriacea (SW.) Britt.	LAURACEAE	48	29	0.4577	4.00	6.84	2.89	13.74	N
36	Psidium amplexicaule Pers	MYRTACEAE	17	10	0.0623	1.42	2.36	0.39	4.17	N/R
37	Sabinea florida (Vahl)DC.	FABACEAE	11	6	0.032686	0.92	1.42	0.21	2.54	N
38	Tabebuia heterophylla (DC.) Britt.	BIGNONIACEAE	43	16	0.7871	3.94	3.77	4.97	12.69	N
39	Zanthoxylum martinicensis (Lam.) DC.	RUTACEAE	3	3	0.088192	0.28	0.71	0.56	1.54	N
		TOTALS	1199	424	15.824	100.4	100.0	100.2	300.6	

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TABLE 3 ST. JOHN FOREST DYNAMICS STUDY

1.

HAWKSNEST TOTALS SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	NO.TR	OCCR	TOTALS B.A.	%R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
1	Acacia muricata (L) Willd	MIMOSACEAE	1	1	0.0186	0.08	0.14	0.08	0.29	N
2	Amyris elemifera L.	RUTACEAE	3	2	0.0143	0.23	0.11	0.23	0.56	N
3	Andira inermis (Wright.) HBK.	FABACEAE	26	13	0.2451	1.96	1.85	1.96	5.77	N
4	Ardisia obovata Desv.	MYRCINACEAE	33	13	0.1259	2.49	0.95	2.49	5.92	N
5	Bourreria succulenta Jacq	BORAGINACEAE	38	17	0.5269	2.86	3.97	2.86	9.70	N
6	Bumelia obovata (Lam.) A. DC	SAPOTACEAE	6	2	0.0406	0.45	0.31	0.45	1.21	N
7	Bumelia salicifolia (L.) Sw.	SAPOTACEAE	1	1	0.0289	0.08	0.22	0.08	0.37	N
8	Bursera simaruba (L) Sarg	BURSERACEAE	37	18	1.413661	2.79	10.65	2.79	16.23	N
9	Calyptranthes thomasiana Berg.	MYRTACEAE	1	1	0.0036	0.08	0.03	0.08	0.18	N/R
10	Capparis amplissima Lam.	CAPPARIDACEAE	9	5	0.0675	0.68	0.51	0.68	1.87	N/R
11	C. cynophallophora L.	CAPPARIDACEAE	7	7	0.0284	0.53	0.21	0.53	1.27	N
12	C. indica (L.) Fawc.& Rendle	CAPPARIDACEAE	8	5	0.0322	0.60	0.24	0.60	1.45	N
13	C. frondosa Jacq.	CAPPARIDACEAE	2	2	0.0048	0.15	0.04	0.15	0.34	N
14	Casearia decandra Jacq.	FLACOURTIACEAE	23	9	0.0967	1.73	0.73	1.73	4.20	N
15	C. guianensis (Aubl.)Urb.	FLACOURTIACEAE	13	10	0.0623	0.98	0.47	0.98	2.43	N
16	C. sylvestris Sw.	FLACOURTIACEAE	2	2	0.0053	0.15	0.04	0.15	0.34	N

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TABLE 3 (Continued) ST. JOHN FOREST DYNAMICS STUDY

1.

HAWKSNEST TOTALS SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	TOTALS NO.TR	OCCR	B.A.	%R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
17	Chrysophyllum pauciflorum Lam.	SAPOTACEAE	5	2	0.0423	0.38	0.32	0.38	1.07	N
18	Citharexylum fruticosum L	VERBENACEAE	24	16	0.2243	1.81	1.69	1.81	5.31	N
19	Coccothrinax alta (Cook) Beccari	PALMAE	5	4	0.0213	0.38	0.16	0.38	0.91	N
20	Coccoloba krugii Lindeau	POLYGONACEAE	20	5	0.1355	1.51	1.02	1.51	4.04	N
21	C. microstachya Willd.	POLYGONACEAE	12	3	0.1441	0.90	1.09	0.90	2.89	N
22	Comocladia dodonaea (L.) Urb.	ANACARDIACEAE	1	1	0.0035	0.08	0.03	0.08	0.18	N
23	Cordia alliodora (Ruis & Pav.) Oken	BORAGINACEAE	12	8	0.1164	0.90	0.88	0.90	2.69	N
24	C. collococca L.	BORAGINACEAE	14	11	0.1522	1.06	1.15	1.06	3.26	N
25	Eyrthroxylum rotundifolium L.	ERYTHROXYLACEAE	7	6	0.0234	0.53	0.18	0.53	1.23	N
26	Eugenia biflora (L.) DC.	MYRTACEAE	28	13	0.1120	2.11	0.84	2.11	5.06	N
27	E. monticola (Sw.) DC.	MYRTACEAE	37	24	0.1748	2.79	1.32	2.79	6.89	N
28	E. procera (Sw.) Poir	MYRTACEAE	2	1	0.0136	0.15	0.10	0.15	0.40	N
29	Exostema caribaeum (Jacq) Roem & Schult.	RUBIACEAE	1	1	0.0073	0.08	0.06	0.08	0.21	N
30	Ficus citrifolia Mill.	MORACEAE	14	10	0.0758	1.06	0.57	1.06	2.68	N
31	Guapira fragrans (DC.) Little	NYCTAGINACEAE	81	31	2.1570	6.10	16.25	6.10	28.46	N
32	Guettarda elliptica Sw.	RUBIACEAE	2	2	0.0098	0.15	0.07	0.15	0.38	N

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TABLE 3 (Continued) ST. JOHN FOREST DYNAMICS STUDY

1.

HAWKSNEST TOTALS SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	TOTALS NO.TR	OCCR	B.A.	%R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
33	G. parviflora Vahl	RUBIACEAE	67	20	0.3091	5.05	2.33	5.05	12.43	N
34	G. scabra (L.) Lamb.	RUBIACEAE	13	7	0.0695	0.98	0.52	0.98	2.48	N
35	Krugiodendron ferreum (Vahl) Urban	RHAMNACEAE	70	19	0.2986	5.28	2.25	5.28	12.80	N
36	Leucaena leucocephala (Lam.) deWit	MIMOSACEAE	3	3	0.0207	0.23	0.16	0.23	0.61	N
37	Licaria salicifolia (Sw.) Kosterm	LAURACEAE	4	4	0.0112	0.30	0.08	0.30	0.69	N
38	Mangifera indica L.	ANACARDIACEAE	1	1	0.1987	0.08	1.50	0.08	1.65	I
39	Margaritaria nobilis L.f., Muell.-Arg.	EUPHORBIACEAE	2	1	0.0297	0.15	0.22	0.15	0.53	N
40	Mastichodendron foetidissimum (Jacq)Cron	SAPOTACEAE	4	2	0.0390	0.30	0.29	0.30	0.90	N
41	Maytenus elliptica (Lam.) Krug.& Urb.	CELASTRACEAE	33	11	0.1954	2.49	1.47	2.49	6.45	N
42	Melicoccus bijugatus Jacq	SAPINDACEAE	488	38	3.8645	36.77	29.12	36.77	102.67	I
43	Myrciaria floribunda (West ex Willd) Berg.	MYRTACEAE	1	1	0.0208	0.08	0.16	0.08	0.31	N
44	Ocotea coriacea (Sw.) Britt.	LAURACEAE	77	33	0.5013	5.80	3.78	5.80	15.38	N
45	Palicourea domingensis (Jacq) DC.	RUBIACEAE	1	1	0.0037	0.08	0.03	0.08	0.18	N
46	Piscidia carthagenensis Jacq.	FABACEAE	9	7	0.0443	0.68	0.33	0.68	1.69	N
47	Pisonia subcordata Sw.	NYCTAGINACEAE	4	2	0.8388	0.30	6.32	0.30	6.92	N
48	Plumeria alba L.	EUPHORBIACEAE	2	2	0.0116	0.15	0.09	0.15	0.39	N

1.

NO.TR.= Number of Trees of this Species
OCCR= Occurance in Subplots
B.A.= Basal Area Square Meters by Species
%R.Dn.= % Relative Density
%R.Dm.= % Relative Dominance
I.V.= Importance Value (Sum %R.Dn.+%R.F.+%R.Dm.)
%R.F.= % Relative Frequency
STATUS= N=Native;I=Introduced;R=Rare or Endangered

TABLE 3 (Continued) ST. JOHN FOREST DYNAMICS STUDY

1.

HAWKSNEST TOTALS SPECIES AND IMPORTANCE VALUE
(Alphabetical Order)

NUM	SPECIES	FAMILY	NO.TR	OCCR	B.A.	TOTALS %R.Dn.	%R.F.	%R.Dm.	I.V.	STATUS
49	Sabinea florida (Vahl)DC.	FABACEAE	18	11	0.0805	1.36	0.61	1.36	3.32	N
50	Solanum polygamum Vahl	SOLANACEAE	1	1	0.0023	0.08	0.02	0.08	0.17	N
51	Spondias mombin L.	ANACARDIACEAE	2	2	0.0995	0.15	0.75	0.15	1.05	N
52	Tabebuia heterophyllum (DC.) Britton	BIGNONIACEAE	27	11	0.2655	2.03	2.00	2.03	6.07	N
53	Tetrazygia elaeagnoides (Sw.) DC.	MELASTOMATACEAE	15	10	0.1585	1.13	1.19	1.13	3.46	N
54	Zanthoxylum martinicense (Lam.) DC.	RUTACEAE	2	2	0.0339	0.15	0.26	0.15	0.56	N
	DEAD STEM		8	4	0.0447	0.60	0.34	0.60	1.54	
		TOTALS	1327	439	13.26986	100	100	100	300	

1.

NO.TR.= Number of Trees of this Species
OCCR= Occurance in Subplots
B.A.= Basal Area Square Meters by Species
%R.Dn.= % Relative Density
%R.Dm.= % Relative Dominance
I.V.= Importance Value (Sum %R.Dn.+%R.F.+%R.Dm.)
%R.F.= % Relative Frequency
STATUS= N=Native;I=Introduced;R=Rare or Endangered

TABLE 4

TEN MOST IMPORTANT SPECIES IN EACH PLOT

	SPECIES	I.V.	% OF TOTAL
BORDEAUX	Guapira fragrans	34.79	11.60
	Pimenta racemosa	32.37	10.79
	Inga fagifolia	31.61	10.54
	Acacia muricata	29.20	9.73
	Byrsonima coriacea	25.66	8.55
	Ardisia obovata	19.01	6.34
	Tabebuia heterophylla	15.85	5.28
	Ocotea coriacea	12.59	4.20
	Linociera caribaea	8.76	2.92
	Guazuma ulmifolia	8.56	2.85
		218.40	72.80
L'ESPERANCE	Ardisia obovata	67.35	22.45
	Guapira fragrans	38.08	12.69
	Inga fagifolia	21.00	7.00
	Andira inermis	19.09	6.36
	Ocotea coriacea	13.74	4.58
	Hymenaea courbaril	13.66	4.55
	Chrysophyllum pauciflorum	13.15	4.38
	Tabebuia heterophylla	12.69	4.23
	Guettarda scabra	10.34	3.45
	Guettarda parviflora	9.35	3.12
		218.45	72.82
HAWKSNEST	Melicoccus bijugatus	102.67	34.22
	Guapira fragrans	28.46	9.49
	Bursera simaruba	16.23	5.41
	Ocotea coriacea	15.38	5.13
	Krugiodendron ferreum	12.80	4.27
	Guettarda parviflora	12.43	4.14
	Bourreria succulenta	9.70	3.23
	Pisonia subcordata	6.92	2.31
	Eugenia monticola	6.85	2.28
	Maytenus elliptica	6.45	2.15
		217.89	72.63

CONCLUSIONS

Three permanent forest dynamic study plots, one measuring a hectare and the other two .5 hectares have been established in critical watersheds in the Virgin Islands National Park and Biosphere Reserve on the island of St. John. An initial inventory of all stems 5cm and larger including their identification, DBH, subplot location, X-Y coordinates and heights has been completed. This information will be used in future analyses to determine the floristics of the plots, growth rates of the trees, mortality and recruitment, spatial distribution and vertical stratification. The plots will be monitored at timely intervals over the twenty year life of the project to develop conclusions on the successional pattern and dynamics, competitive strategies, the impact of historical land-use trends and the introduction of exotic plant species on secondary forest in the Caribbean.

The raw data from this inventory has been provided in Appendices I-III in the hope that such information will facilitate other research projects both in the study plots and in the watersheds in which they are located. Ultimately, this information will be useful in the formulation of sound natural resource policy leading to biological conservation and sustainable development in the Caribbean.

LITERATURE CITED

Acevedo, P., 1985. Los Bejucos de Puerto Rico, Vol. 1. U.S.D.A. Forest Service. GTA-50-58, 331 pp.

Beard, J.S., 1945. Forestry in the leeward islands: The British Virgin Islands. Development and Welfare in the West Indies. Bulletin 7A, 16 pp.

Beard, J.S., 1949. The natural vegetation of the windward and leeward islands. Oxford Forestry Mem. No. 21, 192 pp.

Campbell, D.G., D.C. Daly, G.T. Prance, and U.W. Maciel, 1986. Quantitative ecological inventory of terre firme and virzca tropical forest on the Rio Xingu. Britonnia, 38(4):369-393.

Cronquist, A., 1968. The evolution and classification of flowering plants. Houghton Mifflin Co., Boston, MA.

Department of State, 1980. The world's tropical forests: a policy, strategy and program for the United States. Pub. No. 9117, 53 pp.

Ewel, J.J. and J.L. Whitmore, 1973. The ecological life zones of Puerto Rico and the U.S. Virgin Islands. U.S.D.A. Forest Service Res. Paper ITF-18, 72 pp.

Forman, R.T.T. and D.C. Hahn, 1980. Spatial patterns of trees in a Caribbean semi-evergreen forest. Ecology, 61(6):1267-1274.

Little, E.L. and F.H. Wadsworth, 1964. Common trees of Puerto Rico and the Virgin Islands: Vol. 1. Ag. Handbook No. 49, U.S.D.A. Forest Service, Washington, D.C., 548 pp.

Little, E.L., R.O. Woodbury and F.H. Wadsworth, 1974. Common trees of Puerto Rico and the Virgin Islands: Vol. 2. Ag. Handbook No. 449, U.S.D.A. Forest Service, Washington, D.C., 1024 pp.

Little, E.L. 1969. Trees of Jost Van Dyke (British Virgin Island). U.S.D.A. Forest Service Res. Paper ITF-9, 12 pp.

Office of Technology Assessment, 1984. Technologies to sustain tropical forest resources. OTA-F0214, Washington, D.C., 343 pp.

Rivera, L.H. and W.D. Frederick, C. Farris, E.H. Jensen, L. Davis, C.D. Palmer, L.F. Jackson, and W.E. McKinzie, 1970. Soil Survey, Virgin Islands of the United States. U.S.D.A. Soil Conservation Service, 78 pp.

Robertson, W.B., 1957. Biology report: Initial study and development survey. V.I. National Park, U.S.N.P.S., Washington, D.C.

Teytand, R., 1983. Mapping of climatic, topographic, and daphic factors, existing vegetation, and potential natural vegetation in St. John, with recommendations for research on the economic impacts of vegetation management. Second Draft, Island Resources Foundation, St. Thomas, U.S.V.I.

Tyson, G.F., 1986. A history of land use on St. John, 1718-1950. Preliminary report: A report of the V.I. National Park, 90 pp.

Weaver, P.L. and R.O. Woodbury, 1982. Vegetation survey on St. John, U.S.V.I. Proceedings of the Ninth Symposium of Natural Resources, D.N.R., San Juan, Puerto Rico, pp. 169-183.

Woodbury, R.O. and E.L. Little, 1976. Flora of Buck Island Reef Nat. Mon (U.S.V.I.), U.S.D.A. Forest Service Res. Paper ITF-19, 27 pp.

Woodbury, R.O. and P.L. Weaver, 1987. The vegetation of St. John and Hassel Island, U.S.V.I. A report to the U.S. National Park Service, 98 pp.

World Resources Institute, 1986. Tropical forests: A call for action. Part I. W.R.I., Washington, D.C. 49 pp.

DATA SHEETS FOR ST. JOHN FOREST DYNAMICS STUDY APPENDIX I.

Date: August, 1987
Plot Numbers: 1(1A-10J)
Plot Locale: Bordeaux Mtn.

TAG	STM	SPLT	FAM	SPECIES	DBH86	BA AREA	HGT	X	Y	STATUS
1	S	1A	NYCT	Guap frag	7.40	0.0043	7.90	2.40	2.33	
2	S	1A	MIMO	Acac muri	13.10	0.0135	14.5	1.76	3.45	
3	S	1A	MIMO	Acac muri	13.90	0.0152		0.54	5.47	
4	S	1A	BIGN	Tabe hete	19.10	0.0287	13.3	1.28	7.12	
5	S	1A	MIMO	Acac muri	6.90	0.0037		1.31	8.48	
6	S	1A	MIMO	Acac muri	10.40	0.0085	11.8	1.22	9.87	
7	S	1A	NYCT	Guap frag	5.70	0.0026		4.92	9.26	
8	S	1A	NYCT	Guap frag	5.10	0.0020		2.96	8.54	
9	S	1A	BIGN	Tabe hete	36.80	0.1064	17.3	3.24	7.77	
10	S	1A	MIMO	Acac muri	13.20	0.0137		4.20	9.39	
11	S	1A	RUBI	Guet scab	6.90	0.0037	8.51	3.56	9.58	
12	S	1A	MIMO	Acac muri	18.30	0.0263		5.20	9.30	
13	S	1A	MIMO	Acac muri	18.60	0.0272		5.32	9.30	
14	S	1A	RUBI	Guet scab	9.40	0.0069	10.9	5.52	9.46	
15	S	1A	NYCT	Guap frag	6.20	0.0030		9.20	8.30	
16	S	1A	MIMO	Acac muri	15.50	0.0189		9.90	8.35	
17	S	1A	MIMO	Acac muri	13.10	0.0135		8.80	7.56	
18	S	1A	MYRT	Pime race	7.10	0.0040	8.81	7.87	7.49	
19	S	1A	MIMO	Acac muri	27.50	0.0594		6.86	7.46	SICK 3/86
20	S	1A	OLEA	Lino cari	8.10	0.0052	13.0	8.10	5.26	
21	S	1A	MIMO	Acac muri	16.40	0.0211		3.28	4.95	
22	S	1A	MIMO	Acac muri	14.90	0.0174		2.62	3.77	
23	S	1A	LAUR	Ocot cori	7.00	0.0038		3.35	2.58	
24	S	1A	MIMO	Acac muri	9.60	0.0072		4.77	0.37	
25	S	1A	NYCT	Guap frag	5.20	0.0021		5.26	0.23	
26	S	1A	MIMO	Acac muri	10.90	0.0093		7.10	0.81	
27	S	1B	MIMO	Acac muri	12.60	0.0125		8.62	3.75	
28	S	1B	MIMO	Acac muri	14.40	0.0163		1.15	0.07	
29	S	1B	MIMO	Acac muri	13.00	0.0133	14.5	1.30	0.22	
30	S	1B	MIMO	Acac muri	12.20	0.0117		1.53	2.31	
31	S	1B	MIMO	Acac muri	20.90	0.0343		3.74	0.50	
32	S	1B	MYRT	Pime race	11.40	0.0102		4.16	0.80	
33	S	1B	MIMO	Acac muri	12.30	0.0119		4.42	1.47	
34	S	1B	MIMO	Inga fagi	7.20	0.0041	8.81	3.87	2.54	
35	S	1B	MIMO	Acac muri	14.50	0.0165		2.63	4.11	
36	M	1B	MYRT	Pime race	8.00	0.0050	8.51	1.84	5.04	
37	M	1B	MYRT	Pime race	6.50	0.0033		2.10	5.06	
38	S	1B	MIMO	Acac muri	9.60	0.0072	15.5	2.83	5.72	
39	S	1B	MIMO	Acac muri	21.10	0.0350		0.71	9.50	
40	M	1B	MYRT	Pime race	9.90	0.0077	11.5	2.40	8.64	
41	M	1B	MYRT	Pime race	7.60	0.0045		2.50	8.68	

APPENDIX I. (Continued)

42	S	1B	MIMO	Acac	muri	10.50	0.0087		4.69	7.90
43	S	1B	MIMO	Acac	muri	8.50	0.0057		4.80	7.82
44	S	1B	MIMO	Acac	muri	11.20	0.0099		9.90	9.73
45	M	1B	CAES	Hyme	cour	27.00	0.0573	16.7	9.28	8.95
46	M	1B	CAES	Hyme	cour	24.90	0.0487		8.70	8.94
47	M	1B	CAES	Hyme	cour	27.20	0.0581		9.00	8.33
48	S	1B	MIMO	Acac	muri	12.20	0.0117		5.20	6.04
49	S	1B	RUBI	Guet	scab	5.50	0.0024	9.42	4.58	3.80
50	S	1B	MIMO	Acac	muri	10.00	0.0079		4.50	3.38
51	S	1B	MIMO	Acac	muri	17.70	0.0246		5.07	3.04
52	S	1B	MIMO	Acac	muri	10.60	0.0088		8.97	3.40
53	S	1B	MYRT	Pime	race	35.20	0.0973		9.40	1.99
54	S	1B	MIMO	Acac	muri	18.90	0.0281		9.12	0.94
55	S	1C	MIMO	Acac	muri	18.30	0.0263		2.80	1.23
56	S	1C	MIMO	Inga	fagi	9.40	0.0069	12.4	4.66	0.07
57	S	1C	MYRT	Pime	race	15.30	0.0184		6.28	2.47
58	S	1C	MYRT	Pime	race	17.80	0.0249		1.17	4.52
59	S	1C	MYRT	Pime	race	13.80	0.0150		0.10	6.04
60	S	1C	MYRT	Pime	race	5.80	0.0026		0.25	7.09
61	M	1C	MYRT	Pime	race	8.70	0.0059	12.1	0.66	7.95
62	M	1C	MYRT	Pime	race	8.90	0.0062		0.50	7.95
63	S	1C	MYRT	Pime	race	8.30	0.0054		9.30	0.74
64	S	1C	MYRT	Pime	race	6.80	0.0036		0.45	9.40
65	S	1C	MYRT	Pime	race	14.30	0.0161		2.45	9.60
66	M	1C	MYRT	Pime	race	5.40	0.0023		3.80	8.83
67	M	1C	MYRT	Pime	race	6.30	0.0031		3.19	8.79
68	S	1C	MYRT	Pime	race	9.50	0.0071		4.10	9.20
69	S	1C	MYRT	Pime	race	13.40	0.0141		9.07	9.80
70	M	1C	MYRT	Pime	race	9.80	0.0075		9.70	9.80
71	S	1C	NYCT	Guap	frag	5.00	0.0020	4.25	9.92	6.62
72	S	1C	MYRT	Pime	race	22.70	0.0405		8.44	6.27
73	S	1C	NYCT	Guap	frag	8.70	0.0059		9.63	5.76
74	S	1C	MIMO	Acac	muri	13.80	0.0150	15.8	9.16	5.15
75	M	1C	MIMO	Acac	muri	15.20	0.0181		9.12	5.35
76	M	1C	MIMO	Acac	muri	9.00	0.0064		9.12	5.44
77	S	1C	MYRT	Pime	race	10.10	0.0080		5.49	5.27
78	M	1C	MYRT	Pime	race	14.10	0.0156		4.21	7.28
79	M	1C	MYRT	Pime	race	6.50	0.0033		3.99	7.32
80	S	1C	MYRT	Pime	race	12.30	0.0119		3.61	6.28
81	S	1C	MIMO	Acac	muri	12.50	0.0123		8.10	3.60
82	S	1C	MIMO	Acac	muri	8.70	0.0059		9.15	1.96
83	S	1C	MIMO	Acac	muri	18.10	0.0257		6.66	0.74
2712	S	1C	NYCT	Guap	frag	13.10	0.0257		2.15	6.92
2713	S	1C	MYRT	Pime	race	5.10	0.0135		7.21	4.78
84	S	1D	NYCT	Guap	frag	5.60	0.0025	7.90	1.99	0.92
85	S	1D	MIMO	Acac	muri	9.00	0.0064		3.18	2.39
86	S	1D	MIMO	Acac	muri	13.10	0.0135		0.62	3.09
87	S	1D	MIMO	Acac	muri	15.10	0.0179	15.5	0.96	4.19

APPENDIX I. (Continued)

88	S	1D	MIMO	Acac	muri	13.80	0.0150		0.13	5.16
89	S	1D	MYRT	Pime	race	11.90	0.0111		0.20	8.61
90	M	1D	MIMO	Acac	muri	14.20	0.0158		0.76	8.61
91	M	1D	MIMO	Acac	muri	11.50	0.0104		0.57	8.71
92	M	1D	MIMO	Acac	muri	12.20	0.0117		0.50	8.96
93	M	1D	MIMO	Acac	muri	15.70	0.0194		0.50	9.80
94	S	1D	NYCT	Guap	frag	5.00	0.0020	8.20	1.07	9.90
95	S	1D	NYCT	Guap	frag	9.20	0.0066		3.71	8.02
96	S	1D	NYCT	Guap	frag	5.30	0.0022		3.87	9.80
97	S	1D	VERB	Cith	frut	6.10	0.0029	4.25	6.20	8.02
98	M	1D	BIGN	Tabe	hete	5.90	0.0027	7.90	7.15	8.00
99	M	1D	BIGN	Tabe	hete	6.40	0.0032		6.88	7.92
100	S	1D	CAPP	Mori	amer	8.40	0.0055	4.86	1.19	7.37
101	M	1D	MIMO	Acac	muri	12.70	0.0127		6.90	6.92
102	M	1D	MIMO	Acac	muri	15.20	0.0181		6.85	6.79
103	M	1D	MIMO	Acac	muri	12.30	0.0119		6.80	6.60
104	M	1D	MIMO	Acac	muri	11.20	0.0099		6.97	6.46
105	M	1D	MIMO	Acac	muri	10.40	0.0085	17.0	6.64	6.46
106	S	1D	NYCT	Guap	frag	5.60	0.0025	6.07	4.47	7.82
107	M	1D	MIMO	Acac	muri	9.20	0.0066		2.80	6.61
108	M	1D	MIMO	Acac	muri	10.60	0.0088		2.89	6.49
109	M	1D	MIMO	Acac	muri	8.80	0.0061		3.40	4.85
110	M	1D	MIMO	Acac	muri	12.30	0.0119		2.80	4.70
111	M	1D	MIMO	Acac	muri	12.50	0.0123		2.86	4.60
112	M	1D	MIMO	Acac	muri	11.40	0.0102	12.7	3.92	3.99
113	M	1D	MIMO	Acac	muri	13.70	0.0147		4.25	3.90
114	S	1D	MIMO	Acac	muri	12.80	0.0129		4.37	2.87
115	S	1D	MYRT	Pime	race	5.50	0.0024		5.37	2.46
116	M	1D	MIMO	Acac	muri	10.70	0.0090		3.82	6.42
117	M	1D	MIMO	Acac	muri	12.40	0.0121		4.08	6.76
118	S	1D	MIMO	Acac	muri	12.50	0.0123		4.94	6.54
119	M	1D	MIMO	Acac	muri	9.70	0.0074		5.10	4.40
120	M	1D	MIMO	Acac	muri	9.50	0.0071		5.32	4.10
121	S	1D	MIMO	Acac	muri	12.50	0.0123		6.06	0.15
122	M	1D	MYRT	Pime	race	6.50	0.0033		7.57	2.33
123	M	1D	MYRT	Pime	race	6.30	0.0031		7.57	2.48
124	M	1D	MIMO	Acac	muri	13.00	0.0133		8.63	3.34
125	M	1D	MIMO	Acac	muri	15.40	0.0186		9.10	3.50
126	S	1D	MIMO	Acac	muri	9.80	0.0075		8.73	4.60
127	S	1D	MIMO	Acac	muri	9.20	0.0066		9.80	1.20
128	M	1D	MIMO	Acac	muri	8.50	0.0057		8.96	0.80
129	M	1D	MIMO	Acac	muri	12.50	0.0123		8.64	0.86
130	S	1D	NYCT	Guap	frag	5.30	0.0022		9.09	1.05
131	S	1D	NYCT	Guap	frag	8.80	0.0061	8.20	8.75	8.10
132	S	1E	BORA	Bour	succ	5.50	0.0024	4.86	0.91	0.80
133	S	1E	MIMO	Acac	muri	8.30	0.0054		0.70	0.15
134	S	1E	NYCT	Guap	frag	5.10	0.0020		1.99	0.17
135	S	1E	MYRT	Pime	race	14.00	0.0154		1.99	0.45

APPENDIX I. (Continued)

135	S	1E	MYRT	Pime	race	14.00	0.0154		1.99	0.45
136	M	1E	BORA	Bour	succ	9.30	0.0068	7.59	2.61	1.52
137	M	1E	BORA	Bour	succ	6.70	0.0035		2.48	0.62
138	M	1E	NYCT	Guap	frag	20.00	0.0314		2.66	0.52
139	M	1E	NYCT	Guap	frag	17.10	0.0230		2.72	1.66
140	M	1E	NYCT	Guap	frag	9.30	0.0068		2.68	1.89
141	M	1E	MIMO	Acac	muri	12.70	0.0127		2.04	3.64
142	M	1E	MIMO	Acac	muri	11.30	0.0100		1.85	3.90
143	M	1E	BORA	Bour	succ	7.90	0.0049	9.42	0.25	3.69
144	M	1E	BORA	Bour	succ	5.00	0.0020		3.45	3.61
145	M	1E	BORA	Bour	succ	6.70	0.0035		0.31	3.82
146	M	1E	MYRT	Pime	race	16.80	0.0222	9.72	0.61	5.06
147	M	1E	MYRT	Pime	race	19.20	0.0290		0.65	5.25
148	M	1E	MIMO	Acac	muri	9.30	0.0068		1.11	7.60
149	M	1E	MIMO	Acac	muri	11.80	0.0109		1.30	7.60
150	S	1E	BORA	Cord	alli	6.70	0.0035	12.7	0.33	5.20
151	S	1E	NYCT	Guap	frag	17.10	0.0230		2.64	8.30
152	S	1E	OLEA	Lino	cari	5.50	0.0024	6.68	2.30	8.10
153	M	1E	VERB	Cith	frut	5.50	0.0024	8.51	3.41	7.70
154	M	1E	VERB	Cith	frut	6.20	0.0030		3.60	7.70
155	S	1E	OLEA	Lino	cari	9.30	0.0068		3.74	7.59
156	S	1E	RUTA	Zant	mart	10.20	0.0082	12.1	8.38	7.82
157	S	1E	OLEA	Lino	cari	6.30	0.0031	7.29	9.45	9.20
158	M	1E	LAUR	Ocot	cori	6.70	0.0035	6.07	6.74	5.52
159	M	1E	LAUR	Ocot	cori	9.70	0.0074		6.97	5.65
160	S	1E	BORA	Cord	alli	15.60	0.0191	13.3	6.78	3.90
161	M	1E	VERB	Cith	frut	12.30	0.0119		6.13	3.98
162	M	1E	VERB	Cith	frut	10.70	0.0090	11.5	6.02	4.10
163	S	1E	CAPP	Mori	amer	7.60	0.0045	8.51	4.53	2.69
164	M	1E	RUTA	Zant	mart	7.90	0.0049		4.67	1.86
165	M	1E	RUTA	Zant	mart	11.50	0.0104	11.2	4.77	1.66
166	S	1E	BORA	Cord	coll	10.30	0.0083	10.9	6.90	0.10
167	S	1E	LAUR	Lica	sali	5.10	0.0020	4.86	7.60	4.80
168	S	1E	BORA	Cord	coll	11.70	0.0108		8.00	0.90
169	S	1E	RUTA	Zant	mart	6.30	0.0031	9.11	8.96	1.60
170	S	1E	RUTA	Zant	mart	7.70	0.0047	10.6	9.30	1.40
171	S	1E	MYRT	Pime	race	16.20	0.0206		9.48	0.80
172	S	1F	MYRT	Pime	race	12.30	0.0119		0.41	1.47
173	S	1F	NYCT	Guap	frag	9.10	0.0065		1.33	1.52
174	S	1F	RUBI	Guet	scab	5.70	0.0026		3.35	1.33
175	S	1F	PALM	Cocc	alta	10.10	0.0080	5.47	4.10	3.23
176	S	1F	BORA	Cord	alli	15.50	0.0189	12.7	1.77	4.57
177	S	1F	BORA	Cord	alli	8.70	0.0059	13.0	2.30	1.64
178	M	1F	NYCT	Guap	frag	12.70	0.0127		0.40	6.11
179	M	1F	NYCT	Guap	frag	6.10	0.0029		0.42	6.29
180	S	1F	LAUR	Ocot	cori	5.80	0.0026	7.90	0.70	6.60
181	S	1F	BORA	Cord	coll	13.30	0.0139	13.6	0.48	8.75
182	S	1F	LAUR	Lica	sali	12.60	0.0125	12.7	4.20	7.76
183	S	1F	RUTA	Zant	mart	9.10	0.0065		4.80	7.10
184	S	1F	BORA	Cord	coll	7.90	0.0049	10.3	5.50	9.02

APPENDIX I. (Continued)

185	S	1F	MYRT	Pime	race	18.10	0.0257	13.6	6.92	7.33	
186	S	1F	MIMO	Inga	fagi	7.60	0.0045		8.82	8.28	
187	S	1F	MYRT	Pime	race	30.10	0.0712	10.7	9.11	7.50	
188	S	1F	BORA	Cord	alli	7.90	0.0049	13.3	6.42	4.06	
189	S	1F	FLAC	Case	deca	5.70	0.0026	9.42	4.32	4.95	
190	M	1F	RUBI	Guet	scab	5.50	0.0024		5.01	2.42	
191	M	1F	RUBI	Guet	scab	9.00	0.0064		5.63	0.63	
192	M	1F	RUBI	Guet	scab	8.40	0.0055		5.63	0.72	
193	S	1F	NYCT	Guap	frag	5.60	0.0025		5.78	0.30	
194	S	1F	RUTA	Zant	mart	7.40	0.0043	10.6	6.56	2.72	
195	S	1F	NYCT	Guap	frag	7.50	0.0044		8.19	2.55	
196	S	1F	LAUR	Ocot	cori	6.40	0.0032	7.90	8.05	2.24	
197	S	1F	BORA	Cord	alli	13.10	0.0135	12.7	8.05	1.10	
198	S	1F	NYCT	Guap	frag	9.60	0.0072		7.67	0.48	
199	S	1F	RUBI	Guet	scab	5.30	0.0022	8.51	8.32	0.27	
200	S	1G	RUBI	Fara	occi	5.40	0.0023	3.95	0.70	0.67	
201	S	1G	MYRT	Pime	race	19.30	0.0293		1.53	2.00	
202	S	1G	MYRT	Pime	race	21.00	0.0346	14.5	0.08	5.38	
203	S	1G	MYRT	Pime	race	13.40	0.0141		0.80	4.80	
204	M	1G	MYRT	Pime	race	17.40	0.0238		1.24	4.90	
205	M	1G	MYRT	Pime	race	15.20	0.0181		1.24	5.20	
206	S	1G	NYCT	Guap	frag	6.30	0.0031		8.90	9.62	
207	S	1G	MYRT	Pime	race	24.20	0.0460	18.2	9.45	8.05	
208	S	1G	RUTA	Zant	mart	28.30	0.0629	19.7	9.95	9.05	
209	S	1G	BORA	Cord	alli	13.40	0.0141	13.6	9.90	7.43	
210	S	1G	MYRT	Pime	race	24.60	0.0475		9.21	6.15	
211	M	1G	MYRT	Pime	race	15.60	0.0191		6.70	4.70	
212	M	1G	MYRT	Pime	race	6.70	0.0035		6.80	4.80	
213	M	1G	MYRT	Pime	race	14.00	0.0154		9.89	4.19	
214	M	1G	MYRT	Pime	race	11.20	0.0099		9.89	4.26	
215	S	1G	NYCT	Guap	frag	12.90	0.0131		7.16	2.54	
216	S	1G	MIMO	Inga	fagi	23.20	0.0423	15.1	7.16	2.20	DEAD11/86
217	S	1G	BORA	Cord	coll	5.30	0.0022	7.29	5.30	2.57	
218	M	1G	RUTA	Zant	mart	22.10	0.0384	16.1	2.18	1.15	
219	S	1G	RUTA	Zant	mart	10.80	0.0092		5.35	1.00	
225	S	1G	NYCT	Guap	frag	6.30	0.0031		4.60	0.80	
226	S	1G	BORA	Cord	alli	20.40	0.0327	16.1	4.75	0.40	
227	S	1G	NYCT	Guap	frag	9.00	0.0064		3.92	0.12	
228	S	1G	CAPP	Mori	amer	6.70	0.0035	4.25	7.78	2.50	
229	S	1G	NYCT	Guap	frag	7.40	0.0043		9.20	1.70	
230	S	1H	BORA	Cord	alli	12.00	0.0113	13.9	0.35	0.15	
231	S	1H	NYCT	Guap	frag	8.20	0.0053		1.62	3.73	
232	S	1H	MYRT	Pime	race	7.50	0.0044		3.45	3.73	
233	S	1H	MYRT	Pime	race	7.50	0.0044		4.74	5.42	
234	S	1H	MIMO	Inga	fagi	5.50	0.0024		5.03	4.06	
235	S	1H	MYRT	Pime	race	6.20	0.0030		4.90	6.89	
236	S	1H	PALM	Cocc	alta	9.50	0.0071	3.34	0.95	6.70	
237	S	1H	MYRT	Euge	bifl	5.40	0.0023	7.29	0.12	7.70	
238	S	1H	MYRS	Ardi	obov	6.00	0.0028	10.0	5.78	5.00	
239	S	1H	BIGN	Tabe	hete	46.50	0.1698	19.1	7.90	6.55	

APPENDIX I. (Continued)

240	M	1H	CLUS	Clus	rose	13.40	0.0141	20.3	6.36	6.34	VINE
240a	M	1H	CLUS	Clus	rose	10.70	0.0090		6.36	6.34	
240b	M	1H	CLUS	Clus	rose	5.90	0.0027		6.36	6.34	
240c	M	1H	CLUS	Clus	rose	8.10	0.0052		6.36	6.34	
240d	M	1H	CLUS	Clus	rose	7.50	0.0044		6.36	6.34	
240e	M	1H	CLUS	Clus	rose	6.50	0.0033		6.36	6.34	
240f	M	1H	CLUS	Clus	rose	7.20	0.0041		6.36	6.34	
241	S	1H	MIMO	Inga	fagi	8.30	0.0054		8.40	8.15	
242	S	1H	MIMO	Inga	fagi	14.80	0.0172		9.30	7.20	
243	S	1H	MIMO	Inga	fagi	9.30	0.0068		8.56	7.70	
244	S	1H	BIGN	Tabe	hete	17.40	0.0238		7.62	6.14	
245	S	1H	RUBI	Fara	occi	7.20	0.0041	4.86	6.95	3.26	
246	S	1H	MYRT	Pime	race	5.90	0.0027		9.62	2.18	
247	S	1H	MYRS	Ardi	obov	9.20	0.0066	11.8	8.94	2.02	
248	S	1H	BORA	Bour	succ	8.30	0.0054	12.4	5.60	2.32	
249	S	1H	MYRT	Pime	race	14.40	0.0163		6.50	0.78	
250	M	1H	MYRT	Pime	race	11.90	0.0111		4.18	0.60	
251	M	1H	MYRT	Pime	race	13.90	0.0152		4.18	0.79	
252	S	1I	CAPP	Mori	amer	9.30	0.0068	7.29	0.48	1.33	
253	S	1I	MYRT	Pime	race	13.80	0.0150		0.74	0.28	
254	S	1I	BIGN	Tabe	hete	23.40	0.0430		0.61	4.54	
255	S	1I	FLAC	Case	guia	7.30	0.0042	9.11	0.28	6.82	
256	S	1I	MYRS	Ardi	obov	10.70	0.0090	9.72	0.80	7.14	
257	S	1I	MYRS	Ardi	obov	9.70	0.0074		0.36	8.69	
258	M	1I	LAUR	Lica	sali	8.00	0.0050	13.3	2.98	6.07	
259	M	1I	LAUR	Lica	sali	9.10	0.0065		2.98	6.66	
260	S	1I	RUBI	Fara	occi	6.30	0.0031		3.41	6.85	
261	S	1I	BIGN	Tabe	hete	15.80	0.0196	12.7	5.13	5.38	SICK 1/87
262	S	1I	MIMO	Inga	fagi	12.30	0.0119		6.90	6.04	
263	S	1I	BIGN	Tabe	hete	13.70	0.0147		6.93	6.35	
264	S	1I	MYRT	Pime	race	16.10	0.0204		9.25	5.80	
265	S	1I	RUBI	Fara	occi	5.00	0.0020		8.11	3.60	
266	S	1I	MYRS	Ardi	obov	11.30	0.0100	8.51	7.52	2.86	
267	S	1I	CAPP	Capp	indi	19.50	0.0299	5.47	4.95	1.13	
268	S	1I	FABA	Andi	iner	15.20	0.0181	6.68	7.70	0.37	
269	S	1I	MIMO	Inga	fagi	27.10	0.0577		3.69	0.62	
270	M	1J	RUBI	Guet	scab	10.60	0.0088		1.80	0.48	
271	M	1J	RUBI	Guet	scab	12.30	0.0119		1.80	0.66	
272	S	1J	MIMO	Inga	fagi	23.10	0.0419	17.0	4.48	0.90	
273	S	1J	BIGN	Macf	ungu	6.30	0.0031	13.0	4.12	0.70	VINE
274	S	1J	FLAC	Case	guia	8.00	0.0050	8.51	3.98	2.67	
275	S	1J	MIMO	Inga	fagi	13.30	0.0139		1.80	5.72	
276	S	1J	MYRS	Ardi	obov	7.10	0.0040		1.58	5.72	
277	S	1J	MIMO	Inga	fagi	8.20	0.0053		4.67	6.02	
278	S	1J	NYCT	Guap	frag	7.30	0.0042		7.39	6.96	
279	S	1J	MIMO	Inga	fagi	19.70	0.0305	19.1	8.03	7.05	
280	S	1J	MIMO	Inga	fagi	27.70	0.0603	17.9	6.52	3.00	
281	S	1J	MIMO	Inga	fagi	6.90	0.0037		6.14	2.09	
282	S	1J	RUBI	Fara	occi	7.50	0.0044	5.16	7.47	2.76	
283	S	1J	MALP	Byrs	cori	38.20	0.1146	18.2	8.75	2.11	

APPENDIX I. (Continued)

284	S	1J	MYRS	Ardi	obov	6.60	0.0034		8.75	2.53	
285	S	1J	MYRS	Ardi	obov	10.30	0.0083		9.61	3.40	
286	S	1J	NYCT	Guap	frag	14.50	0.0165		9.61	3.55	
287	S	1J	MYRT	Pime	race	6.30	0.0031		9.90	3.55	
288	S	1J	MALP	Byrs	cori	7.20	0.0041	8.20	9.97	2.68	
289	S	2J	MIMO	Inga	fagi	20.20	0.0320	20.3	8.26	0.30	
290	S	2J	RUTA	Zant	mart	8.90	0.0062	12.1	8.69	1.66	
291	S	2J	EUPH	Marg	nobi	10.00	0.0079	13.0	9.94	7.00	
292	S	2J	STER	Guaz	ulmi	18.80	0.0278	15.8	9.70	9.60	
293	S	2J	MYRT	Pime	race	18.60	0.0272		9.80	8.33	
294	S	2J	MIMO	Inga	fagi	5.10	0.0020		9.03	6.70	
295	S	2J	MIMO	Inga	fagi	13.10	0.0135	14.8	8.61	6.04	
296	S	2J	MYRT	Pime	race	5.20	0.0021		8.03	9.90	
297	S	2J	PALM	Cocc	alta	9.50	0.0071	3.95	5.85	5.38	
298	S	2J	MIMO	Inga	fagi	10.40	0.0085		6.42	2.49	
299	S	2J	MYRT	Pime	race	8.60	0.0058		6.32	1.76	
300	S	2J	MALP	Byrs	cori	15.00	0.0177	14.2	4.78	1.12	
301	S	2J	MIMO	Inga	fagi	14.40	0.0163		3.80	3.29	
302	S	2J	MALP	Byrs	cori	6.60	0.0034		3.80	3.92	
303	S	2J	MALP	Byrs	cori	7.70	0.0047		0.65	7.39	
304	S	2J	MIMO	Inga	fagi	19.80	0.0308		0.45	4.21	
305	S	2J	NYCT	Guap	frag	7.50	0.0044	8.20	0.19	4.11	
306	S	2J	MALP	Byrs	cori	24.00	0.0452	17.6	0.22	2.25	
307	S	2J	MIMO	Inga	fagi	10.40	0.0085		1.29	2.03	
308	S	2J	PALM	Cocc	alta	7.40	0.0043	3.34	2.22	0.84	
309	S	2J	MALP	Byrs	cori	31.40	0.0774		2.41	0.50	
310	S	2J	NYCT	Guap	frag	9.20	0.0066		0.07	0.22	
311	S	2I	MIMO	Inga	fagi	6.90	0.0037		8.01	0.61	
312	S	2I	MIMO	Inga	fagi	17.80	0.0249		5.06	0.42	
313	S	2I	STER	Guaz	ulmi	18.40	0.0266	16.1	4.43	1.85	
314	S	2I	BORA	Cord	sulc	17.40	0.0238	16.4	5.92	1.53	
315	S	2I	MYRT	Pime	race	9.00	0.0064		5.75	3.81	
316	S	2I	MALP	Byrs	cori	23.40	0.0430	19.7	9.04	6.27	
317	S	2I	MALP	Byrs	cori	21.80	0.0373		8.74	7.88	
318	S	2I	MALP	Byrs	cori	12.40	0.0121		8.70	8.10	
319	S	2I	MIMO	Inga	fagi	8.50	0.0057		7.22	8.67	
320	S	2I	MIMO	Inga	fagi	11.50	0.0104		5.91	4.73	
321	S	2I	RUTA	Zant	mart	26.50	0.0552	23.4	0.16	9.00	
322	S	2I	BORA	Cord	sulc	7.80	0.0048	11.5	2.94	1.20	
2714	S	2I	BORA	Cord	coll	5.00	0.0020	7.29	3.65	2.57	
2715	S	2I	MIMO	Inga	fagi	5.10	0.0020		0.22	9.65	
323	S	2H	SAPO	Chry	pauc	8.10	0.0052	10.0	7.65	2.30	
324	S	2H	BIGN	Tabe	hete	17.90	0.0252		4.95	2.49	
325	S	2H	MIMO	Inga	fagi	14.60	0.0167		4.42	2.53	
326	S	2H	BIGN	Tabe	hete	35.00	0.0962	16.7	2.78	2.80	
327	M	2H	CLUS	Clus	rose	7.10	0.0040	20.6	3.11	2.60	VINE
327a	M	2H	CLUS	Clus	rose	19.50	0.0299		5.45	8.07	
327b	M	2H	CLUS	Clus	rose	9.50	0.0071		8.12	6.20	
328	S	2H	LAUR	Ocot	cori	7.30	0.0042	8.20	5.45	5.98	
329	S	2H	MIMO	Inga	fagi	6.10	0.0029		8.12	6.20	

APPENDIX I. (Continued)

330	S	2H	RUTA	Zant	mart	12.00	0.0113		9.65	6.33
331	S	2H	MIMO	Inga	fagi	5.30	0.0022		5.45	8.07
332	S	2H	LAUR	Ocot	cori	7.70	0.0047	9.11	3.58	9.51
333	S	2H	MIMO	Inga	fagi	10.00	0.0079		2.61	7.55
334	S	2H	MIMO	Inga	fagi	6.20	0.0030	9.72	3.22	6.80
335	S	2H	NYCT	Guap	frag	13.00	0.0133		1.05	4.35
336	S	2H	MIMO	Inga	fagi	8.00	0.0050		1.05	1.03
337	M	2H	LAUR	Ocot	cori	12.10	0.0115		1.40	0.32
338	M	2H	LAUR	Ocot	cori	6.90	0.0037		1.20	0.08
2716	S	2H	RUBI	Fara	occi	6.10	0.0029		3.08	0.10
339	S	2G	RUTA	Zant	mart	11.80	0.0109	13.9	6.36	0.62
340	S	2G	SAPO	Chry	pauc	10.80	0.0092	11.2	6.22	1.52
341	S	2G	RUBI	Fara	occi	5.70	0.0026		8.08	8.16
342	S	2G	RUBI	Guet	scab	6.40	0.0032	8.81	8.32	9.87
343	S	2G	MYRS	Ardi	obov	12.20	0.0117		8.13	9.97
344	S	2G	BIGN	Tabe	hete	25.50	0.0511		6.28	9.70
345	S	2G	MIMO	Inga	fagi	25.60	0.0515	19.1	3.88	7.88
346	S	2G	RUBI	Fara	occi	5.60	0.0025		3.86	7.11
347	S	2G	RUBI	Fara	occi	9.10	0.0065	6.68	8.12	6.60
348	S	2G	BIGN	Tabe	hete	8.90	0.0062		4.32	5.91
349	S	2G	NYCT	Guap	frag	12.50	0.0123	13.6	3.25	5.70
350	S	2G	NYCT	Guap	frag	6.10	0.0029		2.66	7.84
351	S	2G	RUBI	Fara	occi	6.30	0.0031	5.47	1.24	8.60
352	M	2G	MYRS	Ardi	obov	5.70	0.0026		1.28	8.68
353	M	2G	MYRS	Ardi	obov	5.00	0.0020		1.06	8.74
354	S	2G	MIMO	Inga	fagi	9.10	0.0065	12.1	0.93	8.68
355	S	2G	MYRS	Ardi	obov	6.00	0.0028	8.20	0.18	7.15
356	S	2G	MIMO	Inga	fagi	7.60	0.0045		2.50	5.80
357	S	2G	BORA	Cord	alli	6.20	0.0030	10.6	2.58	1.40
358	S	2G	BORA	Cord	alli	14.40	0.0163	14.5	2.08	1.04
359	S	2G	RUTA	Zant	mart	7.10	0.0040		5.50	0.17
360	S	2G	NYCT	Guap	frag	5.40	0.0023		0.39	0.63
361	M	2F	STER	Guaz	ulmi	19.90	0.0311	14.8	6.34	0.12
362	M	2F	STER	Guaz	ulmi	18.40	0.0266	14.2	6.14	0.35
363	M	2F	STER	Guaz	ulmi	28.20	0.0625		6.63	0.37
364	S	2F	LAUR	Ocot	cori	7.70	0.0047		7.63	1.88
365	S	2F	MYRT	Pime	race	16.90	0.0224	12.7	9.62	2.70
366	M	2F	MYRT	Pime	race	6.90	0.0037		5.53	2.25
367	M	2F	MYRT	Pime	race	7.40	0.0043	10.3	5.72	2.04
368	S	2F	MYRT	Pime	race	23.70	0.0441		8.87	5.39
369	S	2F	FLAC	Case	deca	5.80	0.0026	7.90	9.44	5.75
370	S	2F	NYCT	Guap	frag	5.70	0.0026		9.71	6.75
371	S	2F	MYRS	Ardi	obov	10.70	0.0090		9.95	9.00
372	S	2F	MIMO	Inga	fagi	16.30	0.0209		7.84	7.30
373	S	2F	NYCT	Guap	frag	6.30	0.0031		7.73	7.80
374	S	2F	NYCT	Guap	frag	29.40	0.0679	16.1	2.60	9.66
375	M	2F	MYRS	Ardi	obov	7.30	0.0042	9.72	1.60	9.54
376	M	2F	MYRS	Ardi	obov	6.00	0.0028		1.76	9.60
377	S	2F	LAUR	Ocot	cori	15.30	0.0184	11.8	4.02	5.00
378	S	2F	FLAC	Case	deca	6.40	0.0032	8.20	2.87	3.30

APPENDIX I. (Continued)

379	S	2F	OLEA	Lino	cari	6.50	0.0033	9.11	1.52	1.40	
380	S	2F	RUTA	Zant	mart	9.80	0.0075	10.0	1.02	1.02	
381	S	2E	FLAC	Case	deca	5.10	0.0020	8.20	0.09	5.10	
382	M	2E	NYCT	Guap	frag	24.50	0.0471		6.00	0.72	
383	M	2E	NYCT	Guap	frag	16.40	0.0211		7.10	0.95	
384	S	2E	NYCT	Guap	frag	22.00	0.0380		6.83	2.77	
385	S	2E	NYCT	Guap	frag	12.70	0.0127	12.4	6.42	3.05	
386	S	2E	OLEA	Lino	cari	10.00	0.0079	9.42	7.70	4.49	
387	S	2E	NYCT	Guap	frag	8.20	0.0053		8.00	5.72	
388	S	2E	NYCT	Guap	frag	8.00	0.0050		7.90	5.80	
389	S	2E	NYCT	Guap	frag	8.30	0.0054	12.1	9.32	6.70	
390	S	2E	MIMO	Inga	fagi	19.00	0.0284		9.10	9.85	
391	S	2E	NYCT	Guap	frag	31.10	0.0760		8.40	9.80	
392	S	2E	VERB	Cith	frut	7.30	0.0042		5.09	6.67	
393	M	2E	NYCT	Guap	frag	6.40	0.0032	12.1	2.10	8.56	
394	M	2E	NYCT	Guap	frag	6.50	0.0033		1.85	8.25	
395	S	2E	NYCT	Guap	frag	7.90	0.0049		0.95	6.80	
396	S	2E	NYCT	Guap	frag	9.50	0.0071		4.31	6.07	
397	M	2E	MIMO	Acac	muri	15.80	0.0196		3.42	4.80	
398	M	2E	MIMO	Acac	muri	14.60	0.0167	14.2	3.62	5.05	
399	M	2E	CAPP	Capp	indi	7.30	0.0042	8.20	1.40	3.40	
400	M	2E	CAPP	Capp	indi	5.70	0.0026		1.48	3.60	
401	M	2E	NYCT	Guap	frag	9.20	0.0066		2.38	3.93	SICK11/86
402	M	2E	NYCT	Guap	frag	9.30	0.0068		2.25	4.00	
403	S	2E	OLEA	Lino	cari	8.80	0.0061		5.22	3.54	
404	S	2E	LAUR	Ocot	cori	8.90	0.0062	10.9	4.31	3.32	
405	S	2E	NYCT	Guap	frag	15.40	0.0186		4.61	2.64	
406	S	2E	OLEA	Lino	cari	5.20	0.0021	6.68	3.17	1.32	
407	S	2E	NYCT	Guap	frag	6.70	0.0035		3.12	0.94	
408	S	2E	NYCT	Guap	frag	5.80	0.0026		2.71	0.08	
409	S	2D	NYCT	Guap	frag	6.80	0.0036		9.15	2.68	
410	S	2D	BURS	Burs	sima	6.70	0.0035	5.77	9.42	3.01	
411	S	2D	NYCT	Guap	frag	9.70	0.0074		9.30	3.61	
412	S	2D	BORA	Bour	succ	5.30	0.0022	8.20	8.37	4.28	
413	M	2D	MIMO	Acac	muri	15.00	0.0177		8.80	4.50	
414	M	2D	MIMO	Acac	muri	14.40	0.0163		8.60	4.37	
415	M	2D	MIMO	Acac	muri	14.20	0.0158		9.20	4.20	
416	S	2D	NYCT	Guap	frag	7.80	0.0048		9.65	5.25	
417	S	2D	OLEA	Lino	cari	12.90	0.0131	12.7	9.30	5.67	
418	S	2D	NYCT	Guap	frag	10.40	0.0085		9.79	8.90	
419	S	2D	OLEA	Lino	cari	5.30	0.0022		9.85	9.20	
420	S	2D	NYCT	Guap	frag	35.10	0.0968	15.8	6.29	9.25	
421	S	2D	MYRT	Myrc	citr	6.70	0.0035	7.90	6.00	9.71	
422	S	2D	NYCT	Guap	frag	24.70	0.0479		5.50	8.55	
423	M	2D	MYRT	Pime	race	14.80	0.0172	10.9	5.80	8.60	
424	M	2D	MYRT	Pime	race	15.30	0.0184		2.94	8.90	
425	M	2D	MYRT	Pime	race	6.20	0.0030		3.20	9.05	
426	S	2D	RUBI	Guet	scab	6.00	0.0028	9.42	0.30	5.03	
427	S	2D	RUBI	Guet	scab	5.50	0.0024	8.20	0.60	4.00	
428	M	2D	MYRT	Pime	race	10.30	0.0083		3.41	3.35	

APPENDIX I. (Continued)

429	M	2D	MYRT	Pime	race	8.80	0.0061		3.34	3.60	
430	M	2D	MYRT	Pime	race	9.20	0.0066		3.21	3.44	
431	S	2D	CAPP	Mori	amer	5.50	0.0024	6.68	5.70	6.85	
432	S	2D	MYRT	Pime	race	11.60	0.0106		7.30	6.20	
433	S	2D	MIMO	Acac	muri	9.00	0.0064		7.20	3.55	
434	S	2D	MIMO	Acac	muri	13.00	0.0133		7.52	3.32	
435	S	2D	BORA	Cord	alli	7.30	0.0042	10.6	6.98	2.45	
436	S	2D	MIMO	Acac	muri	17.70	0.0246		6.72	1.47	
437	M	2D	MIMO	Acac	muri	24.00	0.0452		5.82	2.00	
438	M	2D	MIMO	Acac	muri	15.70	0.0194		5.80	2.25	
439	M	2D	MYRT	Pime	race	12.30	0.0119		5.21	2.30	
440	M	2D	MYRT	Pime	race	12.30	0.0119		5.35	2.61	
441	S	2D	BORA	Bour	succ	5.70	0.0026	9.72	5.35	2.61	
442	M	2D	MIMO	Acac	muri	7.60	0.0045		1.08	9.98	
443	M	2C	MYRT	Pime	race	6.40	0.0032		9.47	0.23	
444	S	2C	BIGN	Tabe	hete	6.00	0.0028		8.86	1.53	
445	M	2C	MIMO	Acac	muri	9.10	0.0065		8.41	1.53	
446	M	2C	MIMO	Acac	muri	13.50	0.0143		8.70	1.23	
447	S	2C	MIMO	Acac	muri	14.60	0.0167	14.8	8.12	0.62	
448	S	2C	MIMO	Acac	muri	9.80	0.0075		6.60	0.92	
449	S	2C	BORA	Cord	alli	9.90	0.0077	12.7	8.17	4.40	
450	M	2C	MYRT	Pime	race	12.50	0.0123		7.25	7.30	
451	M	2C	MYRT	Pime	race	11.80	0.0109		7.25	7.40	
452	M	2C	MIMO	Acac	muri	18.80	0.0278	19.4	7.90	8.15	
453	M	2C	MIMO	Acac	muri	17.70	0.0246		7.90	7.85	
454	M	2C	MIMO	Acac	muri	14.90	0.0174		7.25	8.05	
455	S	2C	NYCT	Guap	frag	9.40	0.0069		7.76	9.30	
456	S	2C	MIMO	Acac	muri	13.40	0.0141		6.62	9.80	
457	S	2C	RUBI	Guet	scab	6.00	0.0028	10.3	4.81	7.00	
458	S	2C	MIMO	Acac	muri	8.30	0.0054		5.06	4.65	
459	M	2C	MYRT	Pime	race	13.50	0.0143		5.42	3.35	
460	M	2C	MYRT	Pime	race	10.50	0.0087		5.51	3.00	
461	M	2C	MYRT	Pime	race	9.70	0.0074		3.67	2.35	463 DEAD
462	M	2C	MYRT	Pime	race	15.30	0.0184		3.67	2.00	
463	M	2C	MYRT	Pime	race	5.50	0.0024		3.52	2.25	
464	S	2C	MYRT	Pime	race	14.40	0.0163	14.2	3.45	1.00	
465	M	2C	MYRT	Pime	race	8.90	0.0062		2.99	0.50	
466	M	2C	MYRT	Pime	race	8.20	0.0053		3.01	0.30	
467	M	2C	MYRT	Pime	race	10.20	0.0082		1.12	0.39	
468	M	2C	MYRT	Pime	race	6.60	0.0034		1.20	0.42	
469	S	2C	MIMO	Acac	muri	19.00	0.0284		0.97	2.10	
470	S	2C	MIMO	Acac	muri	11.40	0.0102		1.59	7.09	
471	S	2C	RUBI	Guet	scab	5.30	0.0022	9.72	1.02	7.62	
472	S	2C	RUBI	Guet	scab	5.00	0.0020		0.27	8.21	
473	S	2C	MIMO	Acac	muri	8.00	0.0050		2.89	5.20	
474	S	2C	MIMO	Acac	muri	11.10	0.0097		4.30	4.20	
475	M	2C	MIMO	Acac	muri	21.90	0.0377	20.0	0.42	4.04	
476	M	2C	MIMO	Acac	muri	16.60	0.0216		0.30	4.04	
477	S	2B	RUBI	Guet	scab	6.30	0.0031	8.81	7.07	2.50	
478	S	2B	RUBI	Guet	scab	6.20	0.0030		9.89	5.00	

APPENDIX I. (Continued)

479	S	2B	MIMO	Acac	muri	9.90	0.0077		7.87	5.25	
480	M	2B	MYRT	Pime	race	13.50	0.0143		6.64	5.10	
481	M	2B	MYRT	Pime	race	6.60	0.0034		6.58	5.00	
482	S	2B	MIMO	Acac	muri	14.00	0.0154		6.58	5.00	
483	M	2B	MYRT	Pime	race	10.60	0.0088		6.72	9.55	
484	M	2B	MYRT	Pime	race	10.10	0.0080		6.72	9.30	
485	S	2B	MIMO	Acac	muri	9.20	0.0066		6.41	9.30	
487	S	2B	MIMO	Acac	muri	14.10	0.0156		5.89	9.70	
488	S	2B	MIMO	Acac	muri	21.80	0.0373		5.65	8.30	
489	M	2B	MIMO	Acac	muri	20.20	0.0320		1.95	9.75	
490	S	2B	MIMO	Acac	muri	18.40	0.0266		0.63	9.60	
490	S	2B	RUBI	Guet	scab	4.90	0.0019		0.63	9.60	
491	S	2B	MIMO	Acac	muri	8.50	0.0057		1.60	8.00	
492	S	2B	RUBI	Fara	occi	7.20	0.0041	5.16	1.12	7.00	
493	S	2B	RUBI	Guet	scab	7.90	0.0049	12.1	4.24	5.80	
494	S	2B	RUBI	Guet	scab	5.70	0.0026		5.58	5.90	
495	S	2B	MIMO	Acac	muri	10.90	0.0093		5.12	4.20	
496	S	2B	MIMO	Acac	muri	15.90	0.0199		4.66	3.90	
498	S	2B	RUTA	Zant	mart	5.40	0.0023		5.09	3.35	DEAD 1/87
499	S	2B	MYRT	Pime	race	13.10	0.0135	11.5	4.87	1.50	
500	S	2B	MIMO	Acac	muri	18.40	0.0266		0.55	4.40	
501	S	2A	MYRS	Ardi	obov	5.70	0.0026	6.99	9.92	0.46	
502	S	2A	RUBI	Fara	occi	5.60	0.0025		8.92	0.56	
503	S	2A	VERB	Cith	frut	9.40	0.0069	12.1	7.59	0.42	
504	S	2A	NYCT	Guap	frag	8.20	0.0053		7.49	0.38	
505	S	2A	RUBI	Fara	occi	5.60	0.0025	7	5.42	4.60	
506	S	2A	MIMO	Acac	muri	17.30	0.0235		5.39	3.80	
507	S	2A	BIGN	Tabe	hete	29.30	0.0674	19.4	8.24	3.70	
508	S	2A	MIMO	Acac	muri	8.10	0.0052		8.24	4.20	
509	S	2A	MIMO	Acac	muri	21.80	0.0373		9.23	4.60	
510	S	2A	NYCT	Guap	frag	7.10	0.0040		9.05	5.15	
511	S	2A	OLEA	Lino	cari	6.60	0.0034	9.72	6.99	2.10	
512	S	2A	RUBI	Guet	scab	5.60	0.0025		8.28	4.50	
513	S	2A	MIMO	Acac	muri	19.10	0.0287		7.55	5.90	
514	S	2A	RUBI	Guet	scab	5.50	0.0024		8.49	6.15	
515	S	2A	RUBI	Guet	scab	6.60	0.0034		9.95	3.80	
516	S	2A	NYCT	Guap	frag	5.40	0.0023		8.93	8.70	
517	S	2A	RUBI	Guet	scab	6.20	0.0030		9.42	8.95	
518	S	2A	RUBI	Guet	scab	5.50	0.0024		9.42	9.15	
519	S	2A	MYRT	Pime	race	10.80	0.0092		7.11	6.75	
520	S	2A	VERB	Cith	frut	6.40	0.0032		6.56	7.35	SICK 3/86
521	S	2A	MYRT	Pime	race	6.50	0.0033		5.82	8.00	
522	S	2A	RUBI	Guet	scab	7.80	0.0048		3.97	7.50	
523	S	2A	BIGN	Tabe	hete	22.20	0.0387		3.41	7.00	
524	S	2A	CAPP	Mori	amer	5.10	0.0020	6.68	0.20	9.17	
525	S	2A	NYCT	Guap	frag	7.50	0.0044		1.58	8.30	
526	S	2A	CAPP	Mori	amer	6.40	0.0032	6.68	1.31	7.95	
527	S	2A	MIMO	Acac	muri	16.30	0.0209		3.71	6.20	
528	S	2A	RUBI	Guet	scab	7.60	0.0045		4.36	5.95	
529	S	2A	OLEA	Lino	cari	7.90	0.0049	10.9	5.34	4.45	

APPENDIX I. (Continued)

530	S	2A	OLEA	Lino	cari	8.20	0.0053		3.86	2.00	
531	S	2A	MYRS	Ardi	obov	6.00	0.0028		2.28	2.05	
532	S	2A	MIMO	Acac	muri	10.00	0.0079		2.19	3.10	
533	S	2A	BIGN	Tabe	hete	22.60	0.0401		2.14	3.78	
534	S	2A	MIMO	Acac	muri	12.00	0.0113		2.31	4.05	
535	S	2A	CAPP	Mori	amer	9.10	0.0065	9.11	0.35	5.40	
536	S	2A	OLEA	Lino	cari	8.30	0.0054		2.02	4.05	
537	S	2A	NYCT	Guap	frag	5.20	0.0021		1.18	3.40	
538	S	3A	NYCT	Guap	frag	6.30	0.0031		1.87	0.85	
539	S	3A	MIMO	Acac	muri	21.80	0.0373		2.52	0.90	
540	S	3A	MIMO	Acac	muri	13.20	0.0137		0.50	2.84	
541	S	3A	MYRT	Euge	mont	7.60	0.0045	10.0	0.84	2.90	
542	S	3A	MIMO	Acac	muri	13.00	0.0133		1.52	4.00	
543	S	3A	MYRS	Ardi	obov	5.80	0.0026		0.54	4.00	
544	S	3A	NYCT	Guap	frag	7.30	0.0042		1.51	5.00	
545	S	3A	MYRT	Euge	mont	6.70	0.0035	10.3	2.40	5.15	
546	S	3A	MIMO	Acac	muri	16.30	0.0209		0.38	6.13	
547	M	3A	BIGN	Tabe	hete	11.30	0.0100		0.57	6.25	DEAD 7/86
548	M	3A	BIGN	Tabe	hete	17.20	0.0232		0.58	6.25	
549	S	3A	VERB	Cith	frut	7.70	0.0047	10.3	0.83	7.30	
550	S	3A	NYCT	Guap	frag	7.20	0.0041		3.10	6.25	
551	S	3A	MIMO	Acac	muri	12.30	0.0119		3.27	7.30	
552	S	3A	OLEA	Lino	cari	5.70	0.0026	8.51	4.04	8.00	
553	S	3A	MYRT	Myrc	citr	5.70	0.0026	9.11	4.31	7.50	
554	S	3A	RUBI	Guet	scab	8.50	0.0057		5.12	7.30	
555	S	3A	NYCT	Guap	frag	7.60	0.0045		4.76	4.80	
556	S	3A	MIMO	Acac	muri	28.50	0.0638		6.45	9.40	
557	S	3A	MIMO	Acac	muri	8.30	0.0054		6.50	9.50	
558	S	3A	MYRT	Pime	race	6.70	0.0035		7.67	7.50	
559	S	3A	MIMO	Acac	muri	14.50	0.0165	15.5	7.83	8.40	
560	S	3A	MYRT	Pime	race	8.90	0.0062		9.39	9.70	
561	S	3A	OLEA	Lino	cari	8.80	0.0061		9.39	4.20	
562	S	3A	MYRT	Pime	race	10.00	0.0079	10.6	9.32	3.50	
563	S	3A	NYCT	Guap	frag	5.30	0.0022		6.70	5.50	
564	S	3A	MIMO	Acac	muri	20.90	0.0343		6.95	4.70	W/CLUSIA
565	S	3A	MIMO	Acac	muri	19.60	0.0302		6.95	3.75	
566	S	3A	RUBI	Guet	scab	5.30	0.0022		6.14	2.30	
567	S	3A	NYCT	Guap	frag	5.00	0.0020		5.47	1.30	SICK 7/86
568	S	3A	MIMO	Acac	muri	9.00	0.0064		6.19	1.45	
569	S	3A	NYCT	Guap	frag	6.20	0.0030		7.06	1.35	
570	M	3A	RUBI	Guet	scab	8.30	0.0054	13.2	7.10	1.60	
571	M	3A	RUBI	Guet	scab	10.00	0.0079		7.21	1.75	
572	S	3A	RUBI	Guet	scab	6.50	0.0033		7.96	1.05	
573	S	3A	OLEA	Lino	cari	6.00	0.0028	9.11	5.66	1.20	
574	M	3B	MIMO	Acac	muri	18.40	0.0266		2.08	0.20	
575	S	3B	MIMO	Acac	muri	24.30	0.0464		2.08	0.20	
576	M	3B	BIGN	Tabe	hete	16.20	0.0206	15.8	4.31	2.50	
577	M	3B	BIGN	Tabe	hete	13.10	0.0135		2.41	4.10	
578	S	3B	RUBI	Guet	scab	8.70	0.0059		2.01	3.85	
579	S	3B	MIMO	Acac	muri	18.10	0.0257		3.49	4.30	

APPENDIX I. (Continued)

580	S	3B	NYCT	Guap	frag	8.00	0.0050		1.04	7.30	
581	S	3B	MIMO	Acac	muri	10.50	0.0087		0.74	9.27	
582	M	3B	CAPP	Mori	amer	8.20	0.0053	7.90	3.78	8.60	
583	M	3B	CAPP	Mori	amer	5.00	0.0020		3.78	9.00	
583	S	3B	MIMO	Acac	muri	23.10	0.0419		3.78	9.00	
585	S	3B	RUBI	Fara	occi	5.00	0.0020		4.35	7.75	
586	S	3B	LAUR	Ocot	cori	5.50	0.0024	4.86	4.85	9.60	
587	S	3B	NYCT	Guap	frag	6.00	0.0028		5.04	9.45	
588	S	3B	MIMO	Acac	muri	20.70	0.0337		5.32	9.30	
589	S	3B	MIMO	Acac	muri	11.50	0.0104		5.44	9.05	
590	S	3B	MIMO	Acac	muri	14.70	0.0170		8.54	9.70	
591	S	3B	VERB	Cith	frut	7.00	0.0038		4.95	6.95	SICK 1/87
592	S	3B	NYCT	Guap	frag	8.60	0.0058		5.67	6.30	
593	S	3B	MIMO	Acac	muri	13.10	0.0135		5.09	6.35	
594	S	3B	RUBI	Fara	occi	5.50	0.0024	7	3.72	4.75	
595	S	3B	OLEA	Lino	cari	6.60	0.0034		5.62	3.20	DEAD 3/86
596	S	3B	MIMO	Acac	muri	10.80	0.0092		4.35	2.90	
597	S	3B	RUBI	Fara	occi	5.00	0.0020		6.52	2.65	
598	S	3B	MYRT	Pime	race	8.50	0.0057		6.87	2.50	
599	S	3B	MYRT	Pime	race	9.90	0.0077	11.2	8.31	3.15	
600	S	3B	MYRT	Pime	race	6.10	0.0029		9.54	4.75	
601	S	3B	MIMO	Acac	muri	15.50	0.0189		9.78	5.55	
602	S	3B	MYRT	Pime	race	5.70	0.0026	8.81	7.40	5.60	
2717	S	3B	RUBI	Fara	occi	5.50	0.0024		7.78	8.74	
603	S	3C	BIGN	Tabe	hete	41.00	0.1320	23.1	0.45	8.10	
604	S	3C	MIMO	Acac	muri	16.80	0.0222		0.98	9.10	
605	S	3C	MALP	Byrs	cori	23.10	0.0419	17.6	1.21	8.95	
606	S	3C	MALP	Byrs	cori	13.80	0.0150		1.27	8.10	
607	S	3C	RUBI	Fara	occi	5.10	0.0020		1.27	7.00	
608	S	3C	BIGN	Tabe	hete	17.10	0.0230		1.52	7.10	
609	S	3C	MYRS	Ardi	obov	5.40	0.0023		1.48	6.05	
610	S	3C	MYRS	Ardi	obov	7.00	0.0038	10.0	2.42	8.10	
611	S	3C	MYRS	Ardi	obov	7.50	0.0044		3.15	8.70	
612	S	3C	MIMO	Acac	muri	8.20	0.0053		2.91	4.15	
613	S	3C	NYCT	Guap	frag	14.20	0.0158		2.20	4.20	
614	S	3C	MIMO	Acac	muri	11.20	0.0099		0.85	3.28	
615	M	3C	MYRT	Pime	race	11.90	0.0111	11.5	3.05	1.15	
616	M	3C	MYRT	Pime	race	8.00	0.0050		3.10	1.40	
617	M	3C	MIMO	Acac	muri	12.00	0.0113		2.85	2.15	
618	M	3C	MIMO	Acac	muri	10.40	0.0085		2.85	2.35	
619	S	3C	MYRS	Ardi	obov	6.60	0.0034		2.72	3.40	
620	S	3C	NYCT	Guap	frag	9.50	0.0071		3.94	2.55	
621	S	3C	MALP	Byrs	cori	12.50	0.0123	14.5	5.12	3.80	
622	S	3C	MIMO	Acac	muri	15.70	0.0194		5.12	1.05	
623	M	3C	LAUR	Ocot	cori	11.40	0.0102		7.04	1.60	
624	M	3C	LAUR	Ocot	cori	8.20	0.0053		6.72	2.05	
625	S	3C	NYCT	Guap	frag	10.60	0.0088		8.31	2.30	
626	S	3C	NYCT	Guap	frag	6.10	0.0029		9.01	0.50	
627	S	3C	NYCT	Guap	frag	15.70	0.0194	13.0	9.94	3.90	
628	S	3C	MIMO	Inga	fagi	9.30	0.0068	10.0	7.70	4.06	

APPENDIX I. (Continued)

629	S	3C	MIMO	Acac	muri	23.20	0.0423		4.81	4.55	
630	S	3C	MYRS	Ardi	obov	5.40	0.0023		5.16	4.88	
631	S	3C	LAUR	Ocot	cori	8.70	0.0059	9.11	8.21	6.25	
632	S	3C	BIGN	Tabe	hete	9.40	0.0069		6.72	7.70	
633	M	3C	MYRS	Ardi	obov	6.70	0.0035	5.47	6.95	7.38	
634	M	3C	MYRS	Ardi	obov	5.10	0.0020		9.95	7.60	
635	M	3C	MYRS	Ardi	obov	5.00	0.0020		8.10	7.38	
636	S	3C	MALP	Byrs	cori	15.50	0.0189		6.47	8.55	
637	S	3C	MIMO	Inga	fagi	14.30	0.0161	15.8	6.24	8.55	
638	S	3C	MALP	Byrs	cori	13.70	0.0147		5.90	9.20	
639	S	3C	MYRS	Ardi	obov	10.20	0.0082		5.93	9.55	
640	S	3C	BIGN	Tabe	hete	28.80	0.0651		5.81	9.35	
641	S	3C	RUBI	Guet	scab	9.90	0.0077	13.6	4.79	9.00	
642	S	3C	LAUR	Ocot	cori	6.50	0.0033		3.43	8.25	
643	S	3C	MALP	Byrs	cori	17.90	0.0252		3.34	9.35	
644	S	3C	OCHN	Oura	lito	5.10	0.0020	7.29	3.47	9.65	
645	S	3C	MYRS	Ardi	obov	6.00	0.0028		3.25	8.50	
646	S	3C	LAUR	Ocot	cori	7.20	0.0041		3.72	7.20	
647	S	3D	MYRS	Ardi	obov	6.00	0.0028		2.46	8.54	
648	S	3D	NYCT	Guap	frag	20.70	0.0337		1.63	7.55	
649	M	3D	LAUR	Lica	sali	15.30	0.0184	11.5	3.52	6.65	
650	M	3D	LAUR	Lica	sali	5.40	0.0023		3.72	6.95	
651	S	3D	MALP	Byrs	cori	28.00	0.0616		2.81	3.40	
652	S	3D	MYRS	Ardi	obov	5.30	0.0022		1.88	2.93	
653	S	3D	NYCT	Guap	frag	11.70	0.0108		2.31	2.25	DEAD 3/86
654	S	3D	MYRT	Myrc	citr	5.50	0.0024	6.38	2.12	1.70	
655	S	3D	MYRT	Myrc	citr	5.10	0.0020		0.03	0.83	
656	S	3D	NYCT	Guap	frag	16.10	0.0204		0.08	0.40	
657	S	3D	NYCT	Guap	frag	10.70	0.0090		0.70	0.05	
658	S	3D	NYCT	Guap	frag	11.60	0.0106		9.10	0.26	
659	S	3D	CLUS	Clus	rose	15.80	0.0196	17.9	9.90	0.40	VINE
660	S	3D	BIGN	Tabe	hete	32.30	0.0819		10.00	0.22	
661	S	3D	NYCT	Guap	frag	16.50	0.0214	16.1	10.00	2.42	
662	S	3D	NYCT	Guap	frag	8.10	0.0052		8.42	3.25	
663	S	3D	NYCT	Guap	frag	7.90	0.0049	10.3	5.66	3.80	
664	S	3D	MYRS	Ardi	obov	7.30	0.0042		6.01	4.15	
665	S	3D	OLEA	Lino	cari	8.80	0.0061	11.8	6.69	4.34	
666	S	3D	MYRT	Pime	race	6.00	0.0028		8.10	4.95	
667	S	3D	NYCT	Guap	frag	20.20	0.0320		7.32	5.90	
668	S	3D	NYCT	Guap	frag	19.60	0.0302		4.05	8.90	
669	S	3D	LAUR	Ocot	cori	16.40	0.0211	13.0	8.94	7.58	
2718	S	3D	LAUR	Ocot	cori	7.20	0.0041	6.68	4.62	9.95	
670	S	3E	NYCT	Guap	frag	12.40	0.0121		0.62	9.45	
671	S	3E	MYRT	Myrc	citr	7.90	0.0049	10.6	1.27	8.62	
672	S	3E	BIGN	Tabe	hete	28.50	0.0638		1.14	7.85	
673	S	3E	MIMO	Acac	muri	22.70	0.0405	16.1	0.70	8.02	
674	S	3E	MYRS	Ardi	obov	6.70	0.0035	10.3	1.76	9.20	
675	S	3E	NYCT	Guap	frag	29.90	0.0702	13.9	2.40	8.75	
676	M	3E	MYRS	Ardi	obov	6.40	0.0032		2.06	6.68	
677	M	3E	MYRS	Ardi	obov	6.10	0.0029		2.15	6.80	

APPENDIX I. (Continued)

678	S	3E	BIGN	Tabe	hete	27.50	0.0594		2.58	6.35	
679	S	3E	NYCT	Guap	frag	9.20	0.0066		0.92	4.70	
680	S	3E	OLEA	Lino	cari	8.10	0.0052		1.01	4.30	
681	S	3E	OLEA	Lino	cari	7.90	0.0049	9.72	0.72	2.62	
682	S	3E	LAUR	Ocot	cori	12.30	0.0119		0.17	2.17	
683	S	3E	OLEA	Lino	cari	5.10	0.0020		1.38	2.20	
684	S	3E	MYRT	Myrc	citr	5.20	0.0021	4.25	1.13	1.32	
685	M	3E	NYCT	Guap	frag	14.80	0.0172		1.82	0.62	
686	M	3E	NYCT	Guap	frag	6.70	0.0035		1.67	0.19	
687	M	3E	NYCT	Guap	frag	8.10	0.0052		2.76	0.70	
688	M	3E	NYCT	Guap	frag	8.90	0.0062		2.67	0.75	
689	M	3E	NYCT	Guap	frag	13.20	0.0137		2.67	0.79	
690	M	3E	NYCT	Guap	frag	7.90	0.0049		2.87	0.69	
691	S	3E	OLEA	Lino	cari	6.10	0.0029		3.42	1.05	
692	S	3E	BORA	Bour	succ	16.00	0.0201	11.2	3.90	0.98	
693	S	3E	OLEA	Lino	cari	8.70	0.0059	10.0	3.90	1.60	
694	S	3E	MYRS	Ardi	obov	7.00	0.0038		4.50	1.00	
695	S	3E	OLEA	Lino	cari	10.40	0.0085		5.66	1.10	
696	S	3E	NYCT	Guap	frag	22.60	0.0401		9.38	0.90	
697	M	3E	OLEA	Lino	cari	6.30	0.0031		9.84	2.00	
698	M	3E	OLEA	Lino	cari	14.00	0.0154		9.92	2.10	
699	S	3E	EUPH	Marg	nobi	18.70	0.0275	14.2	8.75	2.40	
700	S	3E	MYRS	Ardi	obov	9.20	0.0066		7.34	2.50	
701	S	3E	MYRS	Ardi	obov	8.60	0.0058	10.3	7.97	3.25	
702	S	3E	MYRS	Ardi	obov	5.20	0.0021		6.33	2.40	
703	S	3E	MYRS	Ardi	obov	5.50	0.0024		4.55	3.60	
704	S	3E	OLEA	Lino	cari	9.40	0.0069		3.24	3.15	
705	S	3E	NYCT	Guap	frag	6.60	0.0034		1.50	2.25	
706	S	3E	MYRS	Ardi	obov	9.60	0.0072	10.0	3.80	4.25	
707	S	3E	MYRS	Ardi	obov	8.10	0.0052		3.14	5.03	
708	S	3E	MYRT	Pime	race	6.00	0.0028		5.40	9.80	
709	S	3E	NYCT	Guap	frag	10.70	0.0090		7.98	5.85	
710	M	3E	MYRS	Ardi	obov	5.80	0.0026		8.45	6.85	
711	M	3E	MYRS	Ardi	obov	5.30	0.0022		8.62	7.00	
712	S	3E	RUBI	Fara	occi	5.70	0.0026	5.16	9.20	6.40	
713	S	3E	LAUR	Ocot	cori	14.50	0.0165	11.8	9.12	7.25	
714	S	3E	MYRS	Ardi	obov	5.50	0.0024		8.97	9.70	
715	S	3E	MIMO	Inga	fagi	18.00	0.0254		9.12	9.85	SICK11/86
2719	S	3E	NYCT	Guap	frag	6.50	0.0033	10.0	4.23	4.90	
2720	S	3E	RUBI	Fara	occi	5.20	0.0021		8.50	5.30	
716	S	3F	BIGN	Tabe	hete	11.90	0.0111		0.35	9.50	
717	S	3F	BIGN	Tabe	hete	14.50	0.0165	14.5	2.23	9.00	
718	S	3F	SIMA	Picr	anti	24.20	0.0460	15.8	4.08	9.80	
719	S	3F	NYCT	Guap	frag	39.20	0.1207		1.45	7.20	
720	S	3F	MYRS	Ardi	obov	8.70	0.0059		0.15	6.80	
721	S	3F	MYRS	Ardi	obov	6.30	0.0031		3.13	6.05	
722	S	3F	NYCT	Guap	frag	13.50	0.0143		1.22	3.45	
723	S	3F	MYRS	Ardi	obov	7.20	0.0041		2.08	2.05	
724	S	3F	NYCT	Guap	frag	19.80	0.0308		4.02	1.40	
725	M	3F	MYRS	Ardi	obov	9.00	0.0064	9.11	5.21	2.15	

APPENDIX I. (Continued)

726	M	3F	MYRS	Ardi	obov	7.20	0.0041		5.45	2.15	
727	M	3F	MYRS	Ardi	obov	8.20	0.0053		6.10	2.30	
728	S	3F	MYRS	Ardi	obov	7.10	0.0040		6.15	0.59	
729	S	3F	ANAC	Spon	momb	32.50	0.0830	14.8	5.01	4.85	
730	M	3F	NYCT	Guap	frag	50.30	0.1987		5.01	5.35	
733	S	3F	OLEA	Lino	cari	6.30	0.0031		6.55	6.60	
734	S	3F	MYRS	Ardi	obov	6.00	0.0028		6.65	6.70	
735	S	3F	LAUR	Ocot	cori	8.70	0.0059		5.79	7.20	
736	S	3F	MIMO	Inga	fagi	13.70	0.0147		6.45	8.10	
737	S	3F	LAUR	Ocot	cori	6.20	0.0030		7.97	6.20	
738	S	3F	MYRS	Ardi	obov	7.10	0.0040		9.30	7.55	
739	S	3F	FLAC	Case	deca	7.30	0.0042	9.42	8.75	7.90	
740	S	3F	SIMA	Picr	anti	9.20	0.0066	8.81	9.42	9.30	
751	S	3F	OLEA	Lino	cari	6.20	0.0030		6.24	9.40	
741	S	3G	LAUR	Ocot	cori	5.90	0.0027		0.74	6.80	BENT 1/87
742	S	3G	RUBI	Fara	occi	5.50	0.0024		2.45	6.00	
743	S	3G	MIMO	Inga	fagi	7.20	0.0041		2.99	3.75	
744	S	3G	CELA	Mayt	elli	7.10	0.0040	4.86	0.56	3.15	
745	S	3G	MYRS	Ardi	obov	10.70	0.0090		0.28	0.53	
746	S	3G	MIMO	Inga	fagi	38.70	0.1176		1.60	0.90	
747	S	3G	NYCT	Guap	frag	16.20	0.0206		6.16	1.95	
748	S	3G	RUBI	Fara	occi	5.30	0.0022		6.55	2.90	
749	S	3G	BORA	Cord	alli	24.20	0.0460	17.9	8.52	3.40	
750	S	3G	BORA	Cord	alli	10.60	0.0088		6.12	3.50	DEAD 3/86
752	M	3G	SAPI	Allo	race	6.70	0.0035	7.59	9.88	8.00	
753	M	3G	SAPI	Allo	race	8.50	0.0057	9.42	9.86	8.00	
754	S	3G	BIGN	Tabe	hete	36.10	0.1024	22.4	9.45	9.60	
755	S	3G	MYRS	Ardi	obov	8.20	0.0053		9.95	9.55	
756	S	3H	MALP	Byrs	cori	31.00	0.0755	19.7	3.76	5.40	
757	S	3H	NYCT	Guap	frag	14.50	0.0165	13.6	2.31	3.75	
758	S	3H	LAUR	Ocot	cori	9.00	0.0064		2.04	1.45	
759	S	3H	MIMO	Inga	fagi	21.40	0.0360	18.2	9.32	2.10	
760	S	3H	MIMO	Inga	fagi	16.70	0.0219		6.81	4.50	
761	S	3H	NYCT	Guap	frag	8.10	0.0052	10.0	8.27	5.60	
762	S	3H	MIMO	Inga	fagi	13.50	0.0143	14.5	8.10	7.10	
763	S	3H	NYCT	Guap	frag	5.50	0.0024		9.50	6.50	
2758	S	3H	MIMO	Inga	fagi	5.20	0.0021		6.70	0.80	SICK 1/87
764	S	3I	MIMO	Inga	fagi	6.60	0.0034		0.45	8.65	
765	M	3I	CAES	Hyme	cour	34.50	0.0935	23.4	3.90	9.75	
766	M	3I	CAES	Hyme	cour	41.90	0.1379		3.50	9.20	
767	S	3I	MIMO	Inga	fagi	9.00	0.0064		6.14	8.25	
768	S	3I	MIMO	Inga	fagi	5.40	0.0023		5.36	6.85	
769	S	3I	NYCT	Guap	frag	5.30	0.0022		4.90	7.00	
770	S	3I	MYRT	Pime	race	6.10	0.0029		5.31	6.40	
771	S	3I	MIMO	Inga	fagi	6.50	0.0033		4.74	5.65	
772	S	3I	MIMO	Inga	fagi	7.80	0.0048	10.0	5.45	5.30	
773	S	3I	MIMO	Inga	fagi	6.30	0.0031		4.01	4.60	
774	S	3I	NYCT	Guap	frag	5.70	0.0026		2.09	4.05	
775	S	3I	MALP	Byrs	cori	23.20	0.0423	16.7	0.85	1.75	
776	S	3I	MIMO	Inga	fagi	5.50	0.0024		1.00	1.35	

APPENDIX I. (Continued)

777	S	3I	NYCT	Guap	frag	9.30	0.0068		2.80	1.40
778	S	3I	MALP	Byrs	cori	22.10	0.0384	18.8	4.39	2.35
779	S	3I	MIMO	Inga	fagi	6.20	0.0030		7.74	1.60
780	S	3I	MYRT	Pime	race	9.70	0.0074		9.56	0.45
781	S	3I	MYRT	Pime	race	14.90	0.0174	12.4	9.22	4.20
782	S	3I	MYRT	Pime	race	7.80	0.0048		8.78	9.20
783	S	3I	MALP	Byrs	cori	32.20	0.0814		9.75	9.00
2721	S	3I	MIMO	Inga	fagi	5.10	0.0020		8.29	4.60
784	S	3J	MYRT	Pime	race	11.20	0.0099		4.45	9.10
785	S	3J	MYRT	Pime	race	5.90	0.0027	6.99	4.78	8.40
786	S	3J	MYRT	Pime	race	5.00	0.0020		4.42	7.00
787	S	3J	MYRT	Pime	race	7.40	0.0043		5.12	9.60
788	S	3J	MYRT	Pime	race	6.60	0.0034		4.65	6.55
789	M	3J	MYRT	Pime	race	10.70	0.0090		4.42	5.50
790	M	3J	MYRT	Pime	race	11.60	0.0106	13.0	4.42	5.35
791	M	3J	MYRT	Pime	race	5.80	0.0026		5.39	4.15
792	M	3J	MYRT	Pime	race	6.00	0.0028		5.43	4.00
793	M	3J	MYRT	Pime	race	5.20	0.0021		5.41	3.90
794	M	3J	MYRT	Pime	race	8.80	0.0061		3.41	0.80
795	M	3J	MYRT	Pime	race	14.30	0.0161		3.60	0.65
796	S	3J	NYCT	Guap	frag	16.10	0.0204		6.15	2.40
797	S	3J	LAUR	Ocot	cori	5.20	0.0021		7.98	2.30
798	S	3J	MIMO	Inga	fagi	5.20	0.0021		8.01	2.45
799	S	3J	MIMO	Acac	muri	9.90	0.0077		9.51	4.60
800	S	3J	CAPP	Capp	ampl	7.30	0.0042	7.59	5.40	8.07
801	S	3J	MIMO	Acac	muri	13.50	0.0143	15.5	6.82	7.40
802	M	3J	MYRT	Pime	race	4.80	0.0018		7.97	7.70
803	M	3J	MYRT	Pime	race	8.30	0.0054		7.31	7.90
804	S	3J	MYRT	Pime	race	7.00	0.0038		6.85	8.60
805	S	3J	MYRT	Pime	race	11.30	0.0100		8.80	8.45
806	S	3J	MIMO	Acac	muri	13.90	0.0152	14.5	8.87	7.25
807	S	3J	MIMO	Acac	muri	15.00	0.0177		9.42	9.30
808	S	3J	MYRT	Pime	race	14.10	0.0156	11.8	9.58	8.40
809	S	4J	MYRS	Ardi	obov	6.20	0.0030		6.49	0.14
810	S	4J	MIMO	Acac	muri	15.30	0.0184		5.92	0.27
811	S	4J	MYRT	Pime	race	13.40	0.0141		4.45	9.91
812	S	4J	MIMO	Inga	fagi	11.20	0.0099		8.02	5.05
813	S	4J	MALP	Byrs	cori	21.80	0.0373		9.20	6.20
814	S	4J	MYRT	Pime	race	10.20	0.0082		9.00	8.40
815	S	4J	MYRT	Pime	race	13.30	0.0139		9.80	9.60
816	S	4J	MYRT	Pime	race	6.70	0.0035	9.11	7.64	5.15
817	S	4J	MYRT	Pime	race	17.10	0.0230	14.2	6.38	6.65
818	S	4J	MYRT	Pime	race	7.10	0.0040		7.10	9.15
819	S	4J	MIMO	Inga	fagi	28.30	0.0629	17.6	6.98	9.20
820	M	4J	MYRT	Pime	race	9.80	0.0075		5.49	9.55
821	M	4J	MYRT	Pime	race	11.20	0.0099		5.30	9.45
822	S	4J	STER	Guaz	ulmi	17.10	0.0230	14.2	5.00	9.70
823	S	4J	MIMO	Acac	muri	7.10	0.0040		4.10	9.70
824	S	4J	NYCT	Guap	frag	5.90	0.0027		3.86	9.60
825	S	4J	MIMO	Acac	muri	8.20	0.0053	13.3	3.86	9.40

APPENDIX I. (Continued)

826	S	4J	MIMO	Acac	muri	21.50	0.0363		3.50	9.60	
827	S	4J	MYRT	Pime	race	10.50	0.0087	11.8	2.79	8.40	
828	S	4J	MIMO	Acac	muri	6.20	0.0030		4.82	4.45	
829	S	4J	MYRT	Pime	race	16.20	0.0206	11.2	4.54	4.00	
830	S	4J	MIMO	Acac	muri	17.60	0.0243		2.81	5.25	
831	S	4J	MIMO	Acac	muri	6.00	0.0028		4.69	2.45	
832	S	4J	MYRT	Pime	race	12.40	0.0121		4.17	1.00	
833	S	4J	MYRT	Pime	race	10.80	0.0092		0.70	2.20	
834	S	4I	MIMO	Acac	muri	36.80	0.1064		9.56	0.91	SICK 1/87
835	S	4I	MYRT	Pime	race	9.30	0.0068		9.20	0.20	
836	S	4I	MIMO	Acac	muri	18.20	0.0260		9.40	3.45	
837	S	4I	STER	Guaz	ulmi	26.30	0.0543	15.8	9.31	3.75	
838	S	4I	BORA	Bour	succ	7.80	0.0048	8.51	7.91	3.60	
839	S	4I	NYCT	Guap	frag	6.80	0.0036		9.40	7.35	
840	S	4I	MYRT	Euge	bifl	6.80	0.0036	11.2	9.40	6.60	
841	M	4I	RUBI	Guet	scab	6.20	0.0030	9.42	5.91	8.71	
842	M	4I	RUBI	Guet	scab	5.00	0.0020		5.65	8.70	
843	S	4I	MYRT	Pime	race	5.80	0.0026		5.80	9.75	
844	S	4I	RUTA	Zant	mart	10.50	0.0087	13.3	5.30	9.50	
845	S	4I	MIMO	Acac	muri	18.20	0.0260		5.15	9.40	
846	S	4I	BORA	Cord	sulc	8.90	0.0062	10.6	5.30	8.30	
847	M	4I	MYRT	Myrc	flor	9.10	0.0065	7.59	6.47	5.80	
848	M	4I	MYRT	Myrc	flor	5.40	0.0023		6.39	5.80	
849	S	4I	BORA	Cord	sulc	6.60	0.0034	10.3	6.55	5.85	
850	S	4I	LAUR	Cord	laev	7.40	0.0043	10.6	1.66	9.80	
851	S	4I	MIMO	Inga	fagi	6.90	0.0037		1.26	9.75	
852	S	4I	CAES	Hyme	cour	27.30	0.0585	20.9	0.70	7.20	
853	S	4I	BORA	Cord	alli	7.30	0.0042	11.8	2.62	4.35	
854	S	4I	BORA	Bour	succ	8.00	0.0050	9.72	0.60	4.65	
855	S	4I	MYRS	Ardi	obov	7.10	0.0040		1.10	3.10	
856	S	4H	MIMO	Inga	fagi	20.60	0.0333		9.16	1.60	
857	S	4H	MALP	Byrs	cori	11.50	0.0104		8.80	2.00	
858	S	4H	MIMO	Inga	fagi	5.50	0.0024		7.46	1.85	
859	S	4H	MYRS	Ardi	obov	10.40	0.0085		7.10	0.80	
860	S	4H	BORA	Cord	sulc	15.50	0.0189		7.58	5.50	
861	S	4H	MIMO	Inga	fagi	6.60	0.0034		7.93	6.40	
862	S	4H	RUTA	Zant	mart	7.10	0.0040	11.5	9.40	7.90	
863	S	4H	MIMO	Inga	fagi	6.60	0.0034		8.10	7.80	
864	S	4H	MIMO	Inga	fagi	28.20	0.0625	19.1	5.50	8.95	SICK11/86
865	S	4H	NYCT	Guap	frag	11.00	0.0095		3.46	9.40	
866	S	4H	RUBI	Fara	occi	6.20	0.0030	4.86	2.50	8.75	
867	S	4H	MALP	Byrs	cori	20.00	0.0314		0.35	7.80	
868	S	4H	MYRT	Pime	race	5.80	0.0026		0.05	7.70	
869	S	4H	MALP	Byrs	cori	23.00	0.0415	20.6	3.21	5.10	
870	M	4H	LAUR	Ocot	cori	10.20	0.0082	14.8	0.15	5.45	
871	M	4H	LAUR	Ocot	cori	9.80	0.0075		0.20	5.15	
872	S	4H	MIMO	Inga	fagi	10.60	0.0088		3.85	6.30	
873	S	4H	STER	Guaz	ulmi	30.50	0.0731	20.0	3.60	1.05	
874	S	4G	MIMO	Inga	fagi	8.50	0.0057		7.86	3.45	
875	S	4G	MYRT	Pime	race	9.20	0.0066		8.50	6.80	

APPENDIX I. (Continued)

876	S	4G	MIMO	Inga	fagi	23.60	0.0437		8.20	7.10	
877	S	4G	SAPO	Pout	mult	10.70	0.0090	15.8	7.12	6.90	
878	S	4G	BIGN	Tabe	hete	15.70	0.0194		6.38	7.40	
879	S	4G	RUBI	Guet	scab	8.10	0.0052	10.3	8.58	9.45	
880	S	4G	CAPP	Capp	ampl	7.30	0.0042	10.6	2.79	7.05	
881	S	4G	MYRT	Pime	race	10.30	0.0083		0.45	4.20	
882	S	4G	PALM	Cocc	alta	9.20	0.0066	18.8	0.95	3.65	
883	S	4G	FLAC	Case	guia	6.50	0.0033	11.5	4.03	5.30	
884	S	4G	MYRT	Pime	race	15.80	0.0196		4.50	2.45	
885	S	4G	LAUR	Lica	tria	12.30	0.0119	16.1	3.39	0.75	
886	S	4F	MYRS	Ardi	obov	5.10	0.0020		7.35	1.00	
887	S	4F	MIMO	Inga	fagi	13.60	0.0145		8.75	4.90	
888	S	4F	MIMO	Inga	fagi	42.20	0.1399	18.5	8.85	5.85	
889	S	4F	BORA	Cord	sulc	10.10	0.0080	12.1	8.12	8.60	
890	S	4F	LAUR	Ocot	cori	5.90	0.0027		9.10	6.65	
891	S	4F	RUBI	Fara	occi	7.00	0.0038		0.90	5.30	
892	S	4F	NYCT	Guap	frag	25.60	0.0515	19.4	0.75	8.25	
893	S	4F	MYRS	Ardi	obov	6.30	0.0031		4.48	2.30	
894	S	4F	MIMO	Inga	fagi	18.10	0.0257		3.61	1.40	
895	S	4F	MYRS	Ardi	obov	8.00	0.0050		1.26	2.25	
896	S	4E	MYRS	Ardi	obov	4.60	0.0017		8.46	0.97	
897	S	4E	MYRS	Ardi	obov	7.80	0.0048		6.35	1.00	
898	M	4E	MYRS	Ardi	obov	6.60	0.0034	6.07	5.75	2.70	
899	M	4E	MYRS	Ardi	obov	5.90	0.0027		5.50	2.65	
900	S	4E	MIMO	Inga	fagi	20.30	0.0324		4.65	2.50	
901	S	4E	MYRS	Ardi	obov	9.80	0.0075		6.03	4.50	
902	S	4E	RUBI	Fara	occi	5.10	0.0020		5.10	8.15	
903	S	4E	BIGN	Tabe	hete	13.70	0.0147		7.47	5.50	
904	S	4E	STER	Guaz	ulmi	28.50	0.0638	15.5	7.20	5.60	
905	S	4E	MYRS	Ardi	obov	8.90	0.0062		6.85	5.90	
906	S	4E	RUBI	Fara	occi	5.10	0.0020		8.90	8.05	
907	S	4E	RUBI	Fara	occi	6.00	0.0028		4.85	8.25	
908	S	4E	MYRS	Ardi	obov	6.10	0.0029		4.96	7.75	
909	M	4E	NYCT	Guap	frag	18.50	0.0269		2.41	6.05	
910	M	4E	NYCT	Guap	frag	17.00	0.0227		2.41	6.25	
911	S	4E	PALM	Cocc	alta	9.60	0.0072	13.3	2.25	7.00	
912	S	4E	LAUR	Ocot	cori	8.50	0.0057	9.72	2.25	7.50	
913	S	4E	MYRT	Myrc	citr	14.50	0.0165	11.5	0.65	8.00	
914	S	4E	CAPP	Capp	ampl	21.10	0.0350	14.8	1.39	6.15	
915	S	4E	MYRS	Ardi	obov	9.50	0.0071		2.89	4.40	
916	S	4E	MYRS	Ardi	obov	8.40	0.0055		3.03	0.23	
917	S	4E	LAUR	Ocot	cori	16.30	0.0209		0.31	0.50	
918	S	4E	EUPH	Dryp	alba	5.50	0.0024	7.29	1.25	4.25	
919	S	4E	MALP	Byrs	cori	16.00	0.0201	13.6	0.08	2.00	
2722	S	4E	MYRS	Ardi	obov	7.10	0.0040		9.80	2.30	WITHROWM86
920	S	4D	LAUR	Ocot	cori	6.60	0.0034		0.05	0.30	
921	S	4D	LAUR	Ocot	cori	8.30	0.0054		6.79	0.18	
922	S	4D	MYRS	Ardi	obov	5.80	0.0026		7.07	2.05	
923	M	4D	LAUR	Lica	sali	10.00	0.0079	11.8	7.68	3.60	
924	M	4D	LAUR	Lica	sali	8.70	0.0059		6.97	3.75	

APPENDIX I. (Continued)

925	M	4D	NYCT	Guap	frag	23.00	0.0415		9.71	3.75	
926	M	4D	NYCT	Guap	frag	6.50	0.0033		9.31	5.80	
927	S	4D	LAUR	Ocot	cori	14.60	0.0167	13.3	8.48	4.35	
928	S	4D	MYRS	Ardi	obov	6.50	0.0033		9.25	8.10	
929	S	4D	NYCT	Guap	frag	20.60	0.0333		6.07	8.00	
930	S	4D	MYRS	Ardi	obov	6.20	0.0030		2.53	9.45	
931	S	4D	MYRT	Myrc	citr	5.30	0.0022	7.59	1.31	8.40	
932	S	4D	MYRS	Ardi	obov	5.90	0.0027		1.16	8.15	
933	S	4D	LAUR	Ocot	cori	11.80	0.0109		0.86	8.25	
934	S	4D	NYCT	Guap	frag	16.10	0.0204		0.15	6.55	
935	S	4D	NYCT	Guap	frag	7.10	0.0040		0.83	7.20	
936	S	4D	OLEA	Lino	cari	10.60	0.0088	9.42	2.81	6.90	
937	S	4D	BIGN	Tabe	hete	12.20	0.0117		2.81	7.00	
938	S	4D	NYCT	Guap	frag	6.60	0.0034		1.55	6.80	
939	S	4D	MYRS	Ardi	obov	5.90	0.0027	5.16	1.41	5.85	
940	S	4D	NYCT	Guap	frag	13.20	0.0137		2.01	5.00	
941	S	4D	MYRS	Ardi	obov	7.20	0.0041		2.44	4.35	
942	M	4D	LAUR	Ocot	cori	7.90	0.0049		4.04	5.95	
943	M	4D	LAUR	Ocot	cori	8.50	0.0057		5.01	6.10	
944	S	4D	NYCT	Guap	frag	9.50	0.0071		1.52	2.90	
945	M	4D	NYCT	Guap	frag	7.70	0.0047	9.72	1.68	0.46	
946	M	4D	NYCT	Guap	frag	6.70	0.0035		1.57	0.52	
947	S	4D	NYCT	Guap	frag	7.50	0.0044		0.45	2.65	
2724	S	4D	NYCT	Guap	frag	6.40	0.0032		8.05	0.45	
948	S	4C	MIMO	Acac	muri	15.90	0.0199		8.31	1.00	
949	S	4C	MYRS	Ardi	obov	6.40	0.0032		8.31	2.14	
950	S	4C	NYCT	Guap	frag	11.70	0.0108	9.42	3.10	9.64	
951	S	4C	NYCT	Guap	frag	5.70	0.0026		9.12	4.15	
952	S	4C	NYCT	Guap	frag	8.70	0.0059		9.37	4.68	
953	S	4C	MYRS	Ardi	obov	6.00	0.0028		9.50	5.83	
954	S	4C	MYRT	Pime	race	6.30	0.0031		7.82	3.11	
955	S	4C	MIMO	Acac	muri	14.30	0.0161	17.3	6.57	4.20	
956	S	4C	LAUR	Ocot	cori	10.20	0.0082		7.06	6.05	
957	S	4C	ARAL	Didy	moro	24.30	0.0464	13.9	9.75	6.85	
958	S	4C	NYCT	Guap	frag	15.60	0.0191		9.80	9.24	
959	S	4C	EUPH	Dryp	alba	6.00	0.0028	4.86	9.90	9.90	
960	S	4C	MIMO	Acac	muri	17.70	0.0246		6.60	9.20	
961	S	4C	NYCT	Guap	frag	12.80	0.0129		4.24	6.60	
962	S	4C	MIMO	Acac	muri	19.80	0.0308	11.2	5.34	4.78	
963	S	4C	MYRS	Ardi	obov	5.40	0.0023		4.92	4.98	
964	S	4C	MYRS	Ardi	obov	5.40	0.0023		4.21	5.73	
965	M	4C	MYRS	Ardi	obov	6.10	0.0029	7.29	3.67	5.30	
966	S	4C	MYRS	Ardi	obov	5.40	0.0023		4.47	4.50	
967	S	4C	MIMO	Acac	muri	25.20	0.0499	17.3	2.75	5.10	
968	S	4C	NYCT	Guap	frag	6.00	0.0028		4.66	0.30	
969	S	4C	BIGN	Tabe	hete	27.80	0.0607	20.0	2.85	2.65	
970	S	4C	NYCT	Guap	frag	8.50	0.0057		2.75	2.00	SICK 3/86
971	S	4C	MYRS	Ardi	obov	7.30	0.0042		1.50	2.00	
972	S	4C	MIMO	Acac	muri	19.80	0.0308	20.6	1.27	1.87	
973	S	4C	MYRS	Ardi	obov	7.40	0.0043		1.10	4.24	

APPENDIX I. (Continued)

974	S	4C	NYCT	Guap	frag	7.30	0.0042		0.50	3.95
983	S	4C	OLEA	Lino	cari	5.20	0.0021		2.88	3.80
2725	M	4C	MYRS	Ardi	obov	6.30	0.0031		3.51	5.43
2726	S	4C	RUBI	Fara	occi	5.10	0.0020		6.94	4.30
975	S	4B	MIMO	Acac	muri	16.50	0.0214		7.20	3.60
976	S	4B	MYRT	Pime	race	9.00	0.0064	10.6	7.30	3.65
977	S	4B	MYRS	Ardi	obov	7.10	0.0040		9.60	5.20
978	S	4B	RUBI	Fara	occi	5.50	0.0024		7.85	5.65
979	S	4B	CAPP	Mori	amer	5.40	0.0023	5.77	4.20	7.90
980	S	4B	MIMO	Acac	muri	19.60	0.0302		3.28	9.70
981	S	4B	RUBI	Fara	occi	5.70	0.0026	4.86	3.10	6.95
982	S	4B	BIGN	Tabe	hete	13.90	0.0152		3.35	6.45
984	S	4B	BIGN	Tabe	hete	21.70	0.0370		3.45	3.30
985	S	4B	MYRT	Pime	race	5.70	0.0026		3.55	0.16
986	S	4B	NYCT	Guap	frag	11.40	0.0102		0.05	1.51
2727	S	4B	RUBI	Fara	occi	5.10	0.0020		2.90	3.00
987	S	4A	NYCT	Guap	frag	6.20	0.0030		7.90	2.25
988	S	4A	MIMO	Acac	muri	17.80	0.0249	17.0	5.76	1.90
989	S	4A	NYCT	Guap	frag	6.00	0.0028		4.50	1.10
990	S	4A	RUBI	Fara	occi	5.30	0.0022	6.68	7.10	3.10
991	S	4A	OLEA	Lino	cari	7.80	0.0048	7.59	8.20	2.80
992	S	4A	MIMO	Acac	muri	23.00	0.0415		8.30	3.65
993	S	4A	NYCT	Guap	frag	5.40	0.0023		7.50	5.45
994	S	4A	MYRT	Pime	race	6.70	0.0035		8.10	6.10
995	S	4A	MIMO	Acac	muri	22.00	0.0380	17.6	8.50	7.00
996	S	4A	MIMO	Acac	muri	18.30	0.0263		6.25	5.75
997	S	4A	MIMO	Acac	muri	8.10	0.0052		6.10	5.65
998	S	4A	MYRT	Myrc	citr	6.80	0.0036	8.81	4.80	7.10
999	S	4A	MIMO	Acac	muri	14.80	0.0172		4.40	9.10
1000	M	4A	CAPP	Mori	amer	10.60	0.0088	8.51	3.60	9.95
1401	S	4A	MIMO	Acac	muri	11.20	0.0099		0.70	9.80
1402	S	4A	MIMO	Acac	muri	14.80	0.0172		1.85	8.45
1403	S	4A	MIMO	Acac	muri	10.30	0.0083		0.60	7.10
1404	S	4A	MYRT	Myrc	citr	5.30	0.0022	7.59	0.72	6.80
1405	S	4A	NYCT	Guap	frag	5.20	0.0021		0.06	6.12
1406	S	4A	MIMO	Acac	muri	12.40	0.0121		0.15	5.60
1407	S	4A	MIMO	Acac	muri	12.30	0.0119		1.25	4.90
1408	S	4A	NYCT	Guap	frag	8.60	0.0058	12.1	1.30	4.25
1409	S	4A	MIMO	Acac	muri	12.00	0.0113		1.10	4.15
1410	S	4A	MIMO	Acac	muri	10.70	0.0090		0.30	3.45
1411	S	4A	MIMO	Acac	muri	13.90	0.0152		2.27	3.90
1412	S	4A	NYCT	Guap	frag	13.00	0.0133		2.75	7.25
1413	S	4A	OLEA	Lino	cari	7.60	0.0045	10.9	3.75	4.10
1414	S	4A	NYCT	Guap	frag	7.40	0.0043		5.65	4.80
1415	S	4A	CAPP	Mori	amer	8.80	0.0061	9.42	0.41	1.40
1416	S	4A	MIMO	Acac	muri	13.80	0.0150		1.27	0.65
2728	S	4A	NYCT	Guap	frag	5.00	0.0020		1.72	3.15
2729	S	4A	LAUR	Lica	sali	5.10	0.0020		5.05	1.70
1419	M	5A	CAPP	Mori	amer	8.80	0.0061	8.51	3.57	0.25
1420	S	5A	CAPP	Capp	cyno	5.80	0.0026	5.77	0.80	1.15

APPENDIX I. (Continued)

1421	S	5A	MIMO	Acac	muri	12.50	0.0123		0.50	2.80	
1422	S	5A	MIMO	Acac	muri	10.20	0.0082		1.00	4.25	
1423	S	5A	MIMO	Acac	muri	13.00	0.0133		2.05	2.65	
1424	S	5A	MIMO	Acac	muri	13.40	0.0141	18.8	1.80	4.60	
1425	S	5A	MYRT	Pime	race	5.50	0.0024	8.81	0.40	5.60	
1426	S	5A	MIMO	Acac	muri	16.10	0.0204		0.70	5.80	
1427	S	5A	MIMO	Acac	muri	9.40	0.0069		1.80	5.70	
1428	S	5A	MIMO	Acac	muri	19.80	0.0308		1.90	8.40	
1429	S	5A	MIMO	Acac	muri	13.20	0.0137		3.85	7.45	
1430	S	5A	NYCT	Guap	frag	8.00	0.0050		4.35	8.80	
1431	S	5A	MYRT	Myrc	citr	6.30	0.0031	6.99	3.90	9.00	
1432	S	5A	MYRT	Pime	race	9.00	0.0064		4.60	9.00	
1433	S	5A	NYCT	Guap	frag	5.30	0.0022	6.38	5.85	8.50	
1434	S	5A	MIMO	Acac	muri	11.00	0.0095		6.00	7.50	
1435	S	5A	MYRS	Ardi	obov	7.40	0.0043	8.81	7.70	8.15	
1436	S	5A	BIGN	Tabe	hete	33.00	0.0855	18.2	8.90	8.05	w/Clusia
1437	S	5A	MYRS	Ardi	obov	5.30	0.0022		8.90	6.60	
1438	S	5A	MYRT	Pime	race	6.90	0.0037		8.50	5.15	
1439	S	5A	MYRT	Pime	race	5.50	0.0024		6.70	5.90	
1440	S	5A	MIMO	Acac	muri	10.70	0.0090		4.25	3.95	
1441	S	5A	MIMO	Acac	muri	15.70	0.0194	17.0	4.15	1.75	
1442	S	5A	MIMO	Acac	muri	11.60	0.0106		5.10	1.20	
1443	S	5A	CAPP	Mori	amer	10.00	0.0079	8.20	4.85	2.75	
1444	S	5A	MYRT	Pime	race	5.10	0.0020		6.10	1.80	
1445	S	5A	MIMO	Acac	muri	21.40	0.0360		8.50	0.30	
1446	M	5A	MIMO	Acac	muri	15.30	0.0184		7.50	2.00	SICK 3/86
1447	S	5A	MIMO	Acac	muri	18.70	0.0275		8.05	3.10	
1448	S	5A	MIMO	Acac	muri	11.90	0.0111		8.85	3.95	
1417	S	5A	RUBI	Guet	scab	5.80	0.0026	7.29	0.39	0.10	
1418	S	5A	MIMO	Acac	muri	15.60	0.0191		3.40	0.80	
2730	S	5A	NYCT	Guap	frag	5.30	0.0022		7.20	6.70	
2731	M	5A	MIMO	Acac	muri	10.10	0.0080		8.00	1.90	
1449	S	5B	MIMO	Acac	muri	11.70	0.0108		0.95	1.25	
1450	S	5B	MIMO	Acac	muri	13.20	0.0137		1.25	1.00	
1451	S	5B	MIMO	Acac	muri	18.10	0.0257		1.70	0.80	
1452	S	5B	LAUR	Ocot	cori	12.40	0.0121	12.1	2.40	1.00	
1453	S	5B	MYRT	Pime	race	9.40	0.0069	13.0	3.40	0.40	
1454	S	5B	MIMO	Acac	muri	19.60	0.0302		2.80	3.00	
1455	S	5B	MYRT	Myrc	citr	7.70	0.0047	10.0	1.85	4.70	
1456	S	5B	NYCT	Guap	frag	15.80	0.0196		2.10	4.85	
1457	S	5B	MYRT	Pime	race	9.90	0.0077	9.42	2.75	6.75	
1458	S	5B	MIMO	Acac	muri	20.00	0.0314		1.95	8.30	
1459	S	5B	NYCT	Guap	frag	11.40	0.0102		5.28	9.75	
1460	S	5B	MIMO	Acac	muri	23.50	0.0434		5.85	7.90	
1461	S	5B	OLEA	Lino	cari	8.20	0.0053	11.2	9.60	7.60	
1462	S	5B	NYCT	Guap	frag	7.60	0.0045		9.50	9.30	
1463	S	5B	MIMO	Inga	fagi	7.30	0.0042	10.3	8.80	5.80	
1464	S	5B	NYCT	Guap	frag	7.50	0.0044		9.30	3.95	
1465	S	5C	MYRT	Myrc	citr	10.30	0.0083	8.51	1.39	2.30	
1466	M	5C	MALP	Byrs	cori	49.90	0.1956	18.2	3.22	2.20	

APPENDIX I. (Continued)

1468	S	5C	NYCT	Guap	frag	5.50	0.0024		3.90	1.00	
1469	S	5C	NYCT	Guap	frag	12.30	0.0119		4.35	1.25	
1470	S	5C	MIMO	Inga	fagi	16.30	0.0209	10.6	4.20	1.85	
1471	S	5C	NYCT	Guap	frag	5.90	0.0027		5.90	2.90	
1472	S	5C	FABA	Sabi	flor	7.90	0.0049	12.1	3.60	5.00	
1473	S	5C	NYCT	Guap	frag	9.90	0.0077		1.30	3.45	
1474	S	5C	NYCT	Guap	frag	7.10	0.0040		2.90	6.15	
1475	S	5C	RUBI	Fara	occi	5.10	0.0020		2.00	8.20	
1476	S	5C	OLEA	Lino	cari	7.90	0.0049	10.0	2.10	8.10	
1477	S	5C	LAUR	Ocot	cori	7.70	0.0047		5.82	8.60	
1478	S	5C	RUBI	Fara	occi	6.80	0.0036	5.47	2.45	7.35	
1479	M	5C	CAPP	Mori	amer	6.80	0.0036	7.90	4.15	7.50	
1480	M	5C	CAPP	Mori	amer	8.80	0.0061		3.75	7.55	
1481	S	5C	SAPO	Chry	pauc	14.90	0.0174	13.6	9.70	9.70	
1482	S	5C	MYRS	Ardi	obov	9.40	0.0069		8.65	8.00	
1483	S	5C	LAUR	Ocot	cori	8.60	0.0058		6.45	5.60	SICK 3/86
1484	S	5C	NYCT	Guap	frag	10.70	0.0090		7.35	4.85	
1485	S	5C	CELA	Mayt	elli	12.00	0.0113	12.4	8.20	4.70	
1486	S	5C	CAPP	Capp	cyno	6.40	0.0032	8.20	9.65	5.85	
1487	S	5C	PALM	Cocc	alta	8.00	0.0050	3.64	9.60	6.00	
1488	M	5C	BIGN	Tabe	hete	13.00	0.0133	13.6	9.90	5.60	
1489	M	5C	BIGN	Tabe	hete	15.10	0.0179		9.80	5.60	
1490	S	5C	OLEA	Lino	cari	7.80	0.0048	10.6	9.95	2.20	
1491	S	5C	RUBI	Fara	occi	5.20	0.0021		7.50	1.15	
2732	S	5C	RUBI	Fara	occi	5.10	0.0020		4.20	1.25	
2733	S	5C	MYRS	Ardi	obov	5.10	0.0020		4.10	4.80	
1492	S	5D	RUBI	Fara	occi	5.40	0.0023		0.30	0.15	
1493	S	5D	FLAC	Case	sylv	6.80	0.0036	8.51	1.92	1.55	
1494	S	5D	NYCT	Guap	frag	21.80	0.0373		2.67	0.90	
1495	S	5D	CAPP	Capp	cyno	10.90	0.0093	8.51	4.10	0.19	
1496	S	5D	MYRS	Ardi	obov	7.40	0.0043		4.38	1.60	
1497	S	5D	MIMO	Inga	fagi	10.50	0.0087		5.21	3.30	
1498	S	5D	MYRT	Myrc	citr	9.50	0.0071	12.7	4.95	3.60	
1499	S	5D	OLEA	Lino	cari	6.10	0.0029	8.20	4.75	3.65	
1500	M	5D	MALP	Byrs	cori	19.00	0.0284		3.92	3.40	
1501	M	5D	MALP	Byrs	cori	21.40	0.0360		4.06	3.50	
1502	S	5D	NYCT	Guap	frag	16.90	0.0224		3.19	4.10	
1503	S	5D	CAPP	Capp	cyno	12.00	0.0113	10.0	1.08	4.85	
1504	S	5D	NYCT	Guap	frag	7.70	0.0047		2.21	7.20	
1505	S	5D	MIMO	Inga	fagi	13.90	0.0152		3.71	6.40	
1506	S	5D	MIMO	Inga	fagi	17.30	0.0235		5.01	5.85	
1507	S	5D	MYRT	Pime	race	8.40	0.0055		4.87	7.40	
1508	S	5D	NYCT	Guap	frag	6.30	0.0031		3.99	9.50	
1509	M	5D	LAUR	Ocot	cori	6.30	0.0031	10.3	4.15	7.90	
1510	M	5D	LAUR	Ocot	cori	6.30	0.0031		4.21	7.95	
1511	S	5D	OLEA	Lino	cari	5.70	0.0026	6.68	6.23	6.75	
1512	M	5D	LAUR	Ocot	cori	5.10	0.0020		8.61	9.10	
1513	M	5D	LAUR	Ocot	cori	9.00	0.0064		8.42	9.20	
1514	M	5D	LAUR	Ocot	cori	8.20	0.0053		8.85	9.40	
1515	S	5D	NYCT	Guap	frag	5.30	0.0022		8.51	6.35	

APPENDIX I. (Continued)

1516	S	5D	MALP	Byrs	cori	18.00	0.0254	13.9	9.69	4.10	
1517	S	5D	NYCT	Guap	frag	6.60	0.0034		8.10	3.20	
1518	S	5D	SAPO	Chry	pauc	11.20	0.0099	14.2	7.79	2.50	
1519	S	5D	NYCT	Guap	frag	25.70	0.0519		7.50	3.20	
1520	S	5D	RUBI	Guet	scab	5.90	0.0027	8.81	7.50	2.30	
1521	S	5D	LAUR	Ocot	cori	11.50	0.0104		8.70	1.40	
1661	M	5D	MYRS	Ardi	obov	6.50	0.0033		6.34	4.70	
1662	M	5D	MYRS	Ardi	obov	5.30	0.0022		5.70	4.65	
1522	S	5E	MYRT	Pime	race	8.10	0.0052		0.25	1.50	
1523	S	5E	MYRT	Pime	race	5.50	0.0024		2.08	0.75	
1524	S	5E	OLEA	Lino	cari	6.80	0.0036		1.49	2.50	
1525	S	5E	MIMO	Inga	fagi	14.10	0.0156		1.01	4.40	
1526	S	5E	NYCT	Guap	frag	9.10	0.0065		0.99	4.95	
1527	S	5E	RUBI	Fara	occi	5.50	0.0024		2.20	4.45	
1528	S	5E	NYCT	Guap	frag	16.60	0.0216	15.1	2.95	3.55	
1529	M	5E	MYRS	Ardi	obov	8.90	0.0062		2.64	5.25	
1530	M	5E	MYRS	Ardi	obov	6.30	0.0031		2.09	5.80	
1531	S	5E	MYRS	Ardi	obov	10.50	0.0087		1.71	5.85	
1532	S	5E	OLEA	Lino	cari	7.40	0.0043	9.11	1.27	6.55	
1533	S	5E	NYCT	Guap	frag	5.70	0.0026		0.79	7.80	
1534	S	5E	MALP	Byrs	cori	28.80	0.0651	16.1	5.37	8.45	
1535	M	5E	NYCT	Guap	frag	12.50	0.0123		6.45	9.00	
1536	M	5E	NYCT	Guap	frag	5.20	0.0021		6.65	9.00	
1537	M	5E	BORA	Bour	succ	6.50	0.0033	3.95	6.52	8.80	
1538	M	5E	BORA	Bour	succ	5.30	0.0022		6.62	8.70	
1539	M	5E	LAUR	Ocot	sint	9.00	0.0064	10.3	7.52	8.80	
2734	M	5E	LAUR	Ocot	sint	5.50	0.0024		8.04	9.00	
1540	S	5E	MYRT	Myrc	citr	7.00	0.0038	9.11	7.82	8.80	
1541	S	5E	LAUR	Ocot	sint	13.00	0.0133	10.9	9.80	9.30	
1542	S	5E	MYRS	Ardi	obov	6.40	0.0032		7.05	6.25	
1543	S	5E	OLEA	Lino	cari	6.20	0.0030		3.57	5.20	
1544	S	5E	BIGN	Tabe	hete	11.50	0.0104	11.5	5.10	4.20	
1545	M	5E	BORA	Bour	succ	26.50	0.0552	13.9	5.64	4.22	SICK 1/87
1546	M	5E	BORA	Bour	succ	5.30	0.0022		5.49	4.05	
1547	S	5E	OLEA	Lino	cari	5.20	0.0021		5.71	3.40	
1548	S	5E	OLEA	Lino	cari	6.00	0.0028		7.10	4.22	
1549	S	5E	NYCT	Guap	frag	6.60	0.0034		7.30	4.22	
1550	S	5E	MYRS	Ardi	obov	5.90	0.0027	8.20	8.02	3.70	
1551	S	5E	RUBI	Guet	scab	6.90	0.0037		7.75	4.30	DEAD 7/86
1552	S	5E	MYRS	Ardi	obov	12.60	0.0125	10.3	6.60	0.96	
1553	S	5E	LAUR	Ocot	cori	6.10	0.0029	9.11	6.44	0.80	
1554	S	5E	CAPP	Capp	cyno	7.30	0.0042	7.59	6.20	0.50	
1555	S	5E	BIGN	Tabe	hete	29.10	0.0665		5.94	0.50	
1556	S	5E	MIMO	Inga	fagi	17.70	0.0246		5.80	1.35	
1663	S	5E	MYRS	Ardi	obov	5.50	0.0024		9.52	6.80	
1557	S	5F	BIGN	Tabe	hete	13.90	0.0152	13.3	0.60	1.55	
1558	S	5F	MYRS	Ardi	obov	6.50	0.0033		0.15	2.10	
1559	S	5F	CAPP	Capp	cyno	6.30	0.0031	7.59	0.97	4.05	
1560	S	5F	MALP	Byrs	cori	19.20	0.0290		2.31	3.95	
1561	S	5F	NYCT	Guap	frag	25.80	0.0523		3.59	5.75	

APPENDIX I. (Continued)

1562	S	5F	NYCT	Guap	frag	10.90	0.0093		1.10	7.75	
1563	S	5F	LAUR	Ocot	sint	6.90	0.0037	6.07	0.90	7.85	
1564	S	5F	NYCT	Guap	frag	19.90	0.0311		1.64	8.55	
1565	S	5F	MYRS	Ardi	obov	7.60	0.0045		6.78	6.40	
1566	S	5F	MYRS	Ardi	obov	12.00	0.0113		7.80	7.50	
1567	S	5F	MIMO	Inga	fagi	8.90	0.0062		9.10	9.00	
1568	S	5F	MYRT	Pime	race	13.00	0.0133		7.21	5.55	
1569	S	5F	NYCT	Guap	frag	19.60	0.0302		6.28	5.25	
1570	S	5F	LAUR	Ocot	cori	10.30	0.0083	11.5	2.83	0.09	
1571	S	5F	BIGN	Tabe	hete	13.10	0.0135	13.6	4.92	0.32	
1572	S	5F	LAUR	Lica	tria	23.20	0.0423	17.0	9.58	2.15	
1664	S	5F	LAUR	Ocot	sint	5.20	0.0021	7.29	9.00	0.28	
1573	M	5G	LAUR	Ocot	sint	9.30	0.0068	11.8	0.30	0.70	
1574	M	5G	LAUR	Ocot	sint	5.30	0.0022		0.26	0.85	
1575	M	5G	LAUR	Ocot	sint	5.30	0.0022		0.54	0.75	
1576	S	5G	MYRS	Ardi	obov	7.20	0.0041		0.26	2.05	
1577	S	5G	MYRT	Euge	bifl	8.00	0.0050	11.5	4.24	0.55	
1578	S	5G	MIMO	Inga	fagi	26.50	0.0552		1.98	5.70	
1579	S	5G	MIMO	Inga	fagi	15.20	0.0181		0.20	6.50	
1580	S	5G	NYCT	Guap	frag	8.60	0.0058		0.55	8.65	
1581	S	5G	SAPO	Pout	mult	14.50	0.0165	16.7	3.39	8.10	
1582	S	5G	MYRS	Ardi	obov	7.30	0.0042		9.69	8.90	
1583	S	5G	MALP	Byrs	cori	23.50	0.0434	21.8	9.39	7.70	
1584	S	5G	MIMO	Inga	fagi	24.20	0.0460	20.9	9.63	7.95	
1585	S	5G	RUBI	Fara	occi	7.60	0.0045		8.54	6.10	
1586	S	5G	NYCT	Guap	frag	14.90	0.0174		6.12	3.10	
1587	S	5G	SAPO	Pout	mult	7.80	0.0048	11.5	6.54	1.40	
1588	S	5G	MYRS	Ardi	obov	9.80	0.0075	9.72	8.82	0.16	
1665	S	5G	SAPO	Pout	mult	5.60	0.0025	9.42	3.91	9.10	
1666	S	5G	RUBI	Fara	occi	5.20	0.0021		9.87	1.90	
1589	S	5H	MIMO	Inga	fagi	7.40	0.0043		1.62	1.60	
1590	S	5H	PHYT	Tric	octa	7.80	0.0048		3.20	0.95	VINE
1591	S	5H	MIMO	Inga	fagi	20.80	0.0340		2.54	1.20	
1592	S	5H	MIMO	Inga	fagi	21.70	0.0370		3.80	0.21	
1593	S	5H	NYCT	Guap	frag	11.00	0.0095		4.07	0.35	
1594	S	5H	RUBI	Fara	occi	5.60	0.0025		4.46	1.50	
1595	S	5H	MIMO	Inga	fagi	31.20	0.0765		4.80	3.50	
1596	S	5H	OLEA	Lino	cari	11.20	0.0099		5.41	8.40	
1597	S	5H	MIMO	Inga	fagi	19.50	0.0299		6.48	8.20	
1598	S	5H	PHYT	Tric	octa	5.80	0.0026		5.42	3.85	VINE
1599	M	5H	NYCT	Guap	frag	8.50	0.0057		6.73	2.33	
1600	M	5H	NYCT	Guap	frag	5.60	0.0025		6.70	2.45	
1601	S	5H	MIMO	Inga	fagi	24.20	0.0460		8.45	1.05	
1667	S	5H	RUBI	Fara	occi	5.10	0.0020		3.37	2.65	
1668	S	5H	RUBI	Fara	occi	5.50	0.0024		7.89	2.85	
1602	S	5I	FLAC	Case	sylv	6.30	0.0031	7.90	1.75	0.19	
1603	S	5I	FLAC	Case	sylv	5.20	0.0021		2.01	0.04	DEAD 7/86
1604	S	5I	NYCT	Guap	frag	5.30	0.0022		2.99	2.15	
1605	S	5I	MIMO	Inga	fagi	18.00	0.0254		0.99	2.60	
1606	M	5I	BORA	Cord	sulc	16.80	0.0222	14.8	1.56	5.40	DEAD 7/86

APPENDIX I. (Continued)

1607	M	5I	BORA	Cord	sulc	9.30	0.0068		1.56	5.55	
1608	S	5I	ARAL	Didy	moro	14.10	0.0156	12.7	3.50	8.70	
1609	S	5I	BORA	Cord	sulc	19.40	0.0296		6.79	7.70	
1610	S	5I	BORA	Bour	succ	7.60	0.0045	11.5	6.79	7.95	
1611	S	5I	MYRS	Ardi	obov	6.40	0.0032		8.52	9.30	
1612	S	5I	MYRT	Myrc	citr	7.50	0.0044	8.81	8.59	4.80	
1613	S	5I	MIMO	Acac	muri	5.70	0.0026		9.68	3.70	
1669	S	5I	MIMO	Inga	fagi	5.20	0.0021		2.38	9.60	
1670	S	5I	LAUR	Ocot	sint	5.80	0.0026	9.11	3.10	9.20	
1671	S	5I	MYRS	Ardi	obov	8.60	0.0058		4.61	6.00	
1614	S	5J	MIMO	Acac	muri	8.60	0.0058		4.10	0.17	
1615	S	5J	MIMO	Acac	muri	8.60	0.0058	11.8	4.09	3.20	
1616	S	5J	FLAC	Case	guia	5.80	0.0026	6.99	2.14	2.80	
1617	S	5J	RUTA	Zant	mart	11.20	0.0099	12.7	0.08	3.10	
1618	S	5J	MIMO	Acac	muri	18.70	0.0275		0.45	5.00	
1619	S	5J	MIMO	Acac	muri	18.20	0.0260		2.52	4.80	
1620	S	5J	MIMO	Acac	muri	27.90	0.0611	17.6	1.64	7.95	
1621	S	5J	MYRT	Myrc	flor	6.00	0.0028	7.29	4.97	8.90	
1622	S	5J	MYRT	Pime	race	8.80	0.0061		6.94	5.30	
1623	S	5J	MYRT	Pime	race	9.00	0.0064		8.26	4.60	
1624	S	5J	MYRT	Pime	race	16.70	0.0219		8.84	4.30	
1625	S	5J	MYRT	Pime	race	7.50	0.0044		7.30	3.25	
1626	S	5J	STER	Guaz	ulmi	27.30	0.0585	16.7	6.82	3.40	
1627	S	5J	MYRT	Pime	race	8.90	0.0062	12.1	5.20	1.20	
1628	S	5J	MYRT	Pime	race	9.00	0.0064		8.20	9.75	
1630	S	5J	MYRT	Pime	race	12.30	0.0119		7.32	9.60	
1672	S	5J	BORA	Bour	succ	5.00	0.0020	8.20	6.70	9.90	
1640	S	6J	MYRT	Pime	race	6.80	0.0036		7.58	0.52	
1641	S	6J	MYRT	Pime	race	12.00	0.0113		8.24	2.70	
1642	S	6J	MYRT	Pime	race	6.20	0.0030		6.58	0.18	
1643	S	6J	MYRT	Pime	race	13.00	0.0133		5.92	0.45	
1644	S	6J	MYRT	Pime	race	14.90	0.0174	16.1	7.02	2.00	
1645	S	6J	ARAL	Didy	moro	22.30	0.0391	17.9	6.37	2.30	
1646	S	6J	MYRT	Myrc	citr	5.60	0.0025	6.68	6.90	3.30	
1647	S	6J	RUBI	Guet	scab	7.40	0.0043	10.6	9.01	6.40	
1648	M	6J	MYRT	Pime	race	5.80	0.0026		8.10	7.90	
1649	M	6J	MYRT	Pime	race	7.90	0.0049		8.20	8.00	
1650	M	6J	MYRT	Pime	race	15.50	0.0189		6.17	6.90	
1651	M	6J	MYRT	Pime	race	14.80	0.0172		6.17	7.00	
1652	S	6J	MYRT	Pime	race	12.80	0.0129		4.62	6.20	
1653	S	6J	CAES	Hyme	cour	28.80	0.0651	24.9	0.20	6.00	
1654	S	6J	MYRT	Myrc	citr	7.30	0.0042	5.77	1.27	3.35	
1655	S	6J	BIGN	Tabe	hete	7.80	0.0048	6.99	1.32	0.39	
1632	S	6I	LAUR	Ocot	cori	6.30	0.0031		3.01	0.55	DEAD 7/86
1656	S	6I	NYCT	Guap	frag	10.90	0.0093		8.01	3.75	
1657	S	6I	MYRT	Pime	race	13.40	0.0141	13.6	7.51	6.15	
1658	S	6I	MYRT	Pime	race	7.20	0.0041		6.48	6.00	
1659	S	6I	MYRT	Pime	race	7.20	0.0041		5.85	6.30	
1660	S	6I	MYRT	Pime	race	14.50	0.0165		5.33	5.80	
1673	S	6I	MYRT	Pime	race	9.40	0.0069		5.12	9.65	

APPENDIX I. (Continued)

1674	S	6I	MIMO	Inga	fagi	6.80	0.0036		5.72	2.15	
1675	S	6I	MIMO	Inga	fagi	33.70	0.0892	20.3	4.90	2.20	
1676	S	6I	NYCT	Guap	frag	20.40	0.0327		3.24	2.45	
1677	S	6I	LAUR	Ocot	cori	6.30	0.0031		3.62	4.15	
1678	S	6I	LAUR	Ocot	cori	6.60	0.0034	7.29	2.10	5.00	
1679	S	6I	MYRT	Pime	race	8.90	0.0062		0.70	2.75	
1680	S	6H	MYRS	Ardi	obov	6.80	0.0036	7.29	8.99	4.55	
1681	S	6H	LAUR	Ocot	cori	7.30	0.0042		8.10	2.60	
1682	S	6H	NYCT	Guap	frag	6.00	0.0028	7.29	7.60	2.55	
1683	S	6H	MIMO	Inga	fagi	13.40	0.0141		8.06	4.70	
1684	S	6H	FLAC	Case	guia	8.60	0.0058	7.90	7.21	3.65	
1685	S	6H	MYRS	Ardi	obov	5.50	0.0024		5.25	6.15	
1686	S	6H	MYRS	Ardi	obov	11.30	0.0100		5.62	9.15	
1687	S	6H	LAUR	Ocot	cori	5.40	0.0023		4.82	9.25	
1688	S	6H	SAPO	Chry	pauc	6.60	0.0034	8.51	4.62	3.35	
1689	S	6H	OLEA	Lino	cari	7.60	0.0045	10.3	4.12	2.55	
1690	M	6H	MYRS	Ardi	obov	7.30	0.0042		2.70	0.90	
1691	M	6H	MYRS	Ardi	obov	6.30	0.0031		3.10	0.36	
1692	S	6H	STER	Guaz	ulmi	24.20	0.0460	17.0	1.23	0.36	
1693	S	6H	MALP	Byrs	cori	26.20	0.0539	24.3	1.72	0.60	
1694	S	6H	MYRS	Ardi	obov	8.90	0.0062		2.19	4.40	
1695	S	6H	MALP	Byrs	cori	22.90	0.0412		2.98	7.40	
1696	S	6H	MALP	Byrs	cori	9.30	0.0068		0.45	5.70	SICK11/86
2735	S	6H	RUBI	Fara	occi	5.20	0.0021		5.85	9.45	
1697	S	6G	RUBI	Fara	occi	5.00	0.0020		9.01	4.70	
1698	S	6G	LAUR	Lica	tria	11.90	0.0111	14.5	7.28	2.05	
1699	S	6G	NYCT	Guap	frag	5.30	0.0022		5.61	3.95	
1700	S	6G	MYRS	Ardi	obov	6.20	0.0030		5.29	8.00	
1701	S	6G	MYRS	Ardi	obov	5.00	0.0020		6.84	7.30	
1702	S	6G	MIMO	Aden	pavo	5.90	0.0027	7.59	5.80	8.90	
1703	S	6G	MIMO	Inga	fagi	9.00	0.0064		4.78	9.65	
1704	S	6G	MIMO	Inga	fagi	7.90	0.0049		4.07	4.70	
1705	S	6G	MIMO	Inga	fagi	7.20	0.0041		4.19	1.60	
1706	M	6G	SAPO	Pout	mult	18.00	0.0254	18.8	1.78	1.45	
1707	M	6G	SAPO	Pout	mult	7.00	0.0038		2.12	1.30	
1708	M	6G	SAPO	Pout	mult	10.20	0.0082		1.95	1.55	
1709	S	6G	SAPI	Cupa	triq	13.90	0.0152		1.95	2.45	DEAD 7/86
1710	S	6G	MIMO	Inga	fagi	6.40	0.0032		2.84	5.50	
1711	S	6F	MIMO	Inga	fagi	6.40	0.0032		9.45	9.90	
1712	S	6F	MALP	Byrs	cori	20.30	0.0324	16.4	8.91	9.20	
1713	S	6F	BORA	Cord	sulc	5.90	0.0027	7.90	7.75	7.55	
1714	S	6F	MIMO	Inga	fagi	8.60	0.0058		7.27	6.95	
1715	S	6F	MIMO	Inga	fagi	5.40	0.0023		7.36	4.60	
1716	S	6F	SAPI	Allo	race	5.50	0.0024	7.59	0.05	7.50	
1717	S	6F	BORA	Cord	sulc	10.80	0.0092	12.1	0.20	8.30	
1718	S	6F	NYCT	Guap	frag	5.00	0.0020		0.92	1.15	
1719	S	6F	NYCT	Guap	frag	5.40	0.0023		0.89	0.25	
1720	S	6F	MALP	Byrs	cori	8.70	0.0059	10.3	4.04	1.10	
1721	S	6E	MIMO	Inga	fagi	35.10	0.0968		8.90	0.35	
1722	S	6E	STER	Guaz	ulmi	17.20	0.0232	13.0	5.25	4.45	

APPENDIX I. (Continued)

1723	S	6E	LAUR	Lica	sali	10.70	0.0090	11.8	5.80	6.25	
1724	S	6E	MIMO	Acac	west	5.40	0.0023		7.20	6.85	DEAD 7/86
1725	S	6E	RUTA	Zant	mart	8.00	0.0050	17.0	4.31	8.55	
1726	S	6E	MYRT	Pime	race	15.30	0.0184		3.75	9.20	
1727	M	6E	CAPP	Capp	cyno	9.30	0.0068	7.29	0.90	8.55	
1728	M	6E	CAPP	Capp	cyno	5.30	0.0022		1.02	8.70	
1729	M	6E	SAPO	Chry	pauc	6.50	0.0033	12.7	3.29	6.55	
1730	M	6E	SAPO	Chry	pauc	6.70	0.0035		3.36	6.65	
1731	S	6E	MYRT	Pime	race	8.10	0.0052		3.21	5.70	
1732	S	6E	CAPP	Mori	amer	5.50	0.0024	6.99	3.60	3.95	
1733	S	6E	NYCT	Guap	frag	5.50	0.0024		8.31	3.95	
1734	S	6E	NYCT	Guap	frag	7.70	0.0047		1.29	1.10	
1735	S	6D	NYCT	Guap	frag	23.50	0.0434		9.20	0.90	
1736	S	6D	MIMO	Inga	fagi	16.40	0.0211		8.66	3.15	
1737	S	6D	RUTA	Zant	mart	15.10	0.0179	16.4	8.89	5.70	
1738	S	6D	BORA	Cord	sulc	14.00	0.0154	12.4	7.21	8.35	
1739	S	6D	NYCT	Guap	frag	7.50	0.0044		6.20	8.55	DEAD 7/86
1740	S	6D	MIMO	Inga	fagi	7.90	0.0049		6.32	4.15	
1741	M	6D	STER	Guaz	ulmi	17.40	0.0238	15.8	5.45	2.51	
1742	M	6D	STER	Guaz	ulmi	14.60	0.0167		5.25	2.85	
1743	M	6D	STER	Guaz	ulmi	16.10	0.0204		5.55	2.90	
1744	S	6D	MYRT	Pime	race	12.60	0.0125		4.01	2.75	
1745	S	6D	NYCT	Guap	frag	5.90	0.0027		2.63	1.00	
1746	S	6D	MIMO	Inga	fagi	14.30	0.0161	15.8	2.00	0.65	
1747	S	6D	NYCT	Guap	frag	6.10	0.0029		1.75	0.45	
1748	M	6D	FLAC	Case	deca	6.10	0.0029	7.90	0.25	4.90	
1749	M	6D	FLAC	Case	deca	5.60	0.0025		0.25	5.15	
1750	M	6D	FLAC	Case	deca	6.30	0.0031		0.40	5.10	
1751	S	6D	MIMO	Inga	fagi	22.10	0.0384		0.35	5.60	
1752	S	6D	NYCT	Guap	frag	5.40	0.0023		3.71	6.25	
1753	S	6D	NYCT	Guap	frag	7.70	0.0047		1.30	9.30	
2736	S	6D	MYRS	Ardi	obov	5.00	0.0020		6.32	3.15	
2737	S	6D	MYRS	Ardi	obov	5.00	0.0020		1.87	5.25	
2738	S	6D	CAPP	Mori	amer	5.20	0.0021	6.07	1.20	7.55	
1754	S	6C	EUPH	Dryp	alba	6.30	0.0031	7.59	9.45	9.30	
1755	S	6C	BORA	Cord	sulc	14.40	0.0163	13.0	9.20	9.75	
1756	S	6C	MIMO	Inga	fagi	6.10	0.0029	4.86	7.63	8.50	
1757	S	6C	OLEA	Lino	cari	5.80	0.0026		7.30	8.10	
1758	S	6C	FABA	Andi	iner	10.60	0.0088	9.72	6.70	8.40	
1759	S	6C	MYRT	Pime	race	14.90	0.0174		6.40	8.35	
1760	S	6C	BORA	Cord	alli	16.40	0.0211	12.7	6.80	9.70	
1761	S	6C	EUPH	Dryp	alba	6.10	0.0029	4.25	6.75	7.30	
1762	S	6C	NYCT	Guap	frag	34.50	0.0935		7.30	6.80	
1763	M	6C	MYRS	Ardi	obov	6.10	0.0029		8.50	5.60	
1764	M	6C	MYRS	Ardi	obov	10.30	0.0083		8.90	5.80	
1765	M	6C	NYCT	Guap	frag	14.60	0.0167		8.25	1.20	
1766	M	6C	NYCT	Guap	frag	8.30	0.0054		7.85	1.10	
1767	S	6C	MIMO	Inga	fagi	17.90	0.0252		7.05	1.05	
1768	S	6C	BIGN	Tabe	hete	15.40	0.0186	16.7	5.50	4.00	
1769	S	6C	OLEA	Lino	cari	8.90	0.0062		4.75	2.80	DEAD11/86

APPENDIX I. (Continued)

1770	S	6C	OLEA	Lino	cari	6.20	0.0030	8.20	4.30	5.30
1771	S	6C	RUBI	Fara	occi	6.30	0.0031	5.47	4.40	3.50
1772	S	6C	RUBI	Fara	occi	5.90	0.0027		2.90	1.20
1773	S	6C	MIMO	Acac	muri	21.50	0.0363		0.13	1.90
1774	M	6C	MYRS	Ardi	obov	7.70	0.0047		0.65	3.60
1775	M	6C	MYRS	Ardi	obov	6.10	0.0029		1.20	3.80
1778	S	6C	MIMO	Acac	muri	24.90	0.0487		1.90	4.05
1779	M	6C	RUBI	Guet	scab	5.80	0.0026	10.6	2.52	5.20
1780	S	6C	MIMO	Inga	fagi	5.30	0.0022		2.55	5.40
1781	M	6C	RUBI	Guet	scab	7.10	0.0040		2.55	5.35
1782	S	6C	RUBI	Fara	occi	5.60	0.0025	6.07	2.21	5.42
1783	S	6C	NYCT	Guap	frag	15.50	0.0189		1.55	6.25
1784	S	6C	MYRS	Ardi	obov	5.50	0.0024		2.01	7.55
1785	S	6C	RUBI	Fara	occi	5.40	0.0023		1.25	7.50
1786	S	6C	MYRS	Ardi	obov	5.90	0.0027		1.00	6.10
1787	S	6C	NYCT	Guap	frag	11.40	0.0102		0.65	5.60
1788	S	6C	LAUR	Lica	sali	5.00	0.0020	8.51	9.45	0.70
2739	S	6C	EUPH	Dryp	alba	5.10	0.0020		5.52	0.60
1789	S	6B	MYRS	Ardi	obov	7.00	0.0038		9.95	0.45
1790	S	6B	MYRT	Pime	race	11.80	0.0109		9.42	1.65
1791	S	6B	MYRT	Pime	race	15.80	0.0196		8.00	2.90
1792	S	6B	MYRS	Ardi	obov	7.90	0.0049		9.50	6.65
1793	S	6B	MYRS	Ardi	obov	5.40	0.0023		7.30	6.70
1794	S	6B	NYCT	Guap	frag	17.40	0.0238		6.55	5.90
1795	S	6B	MYRT	Myrc	citr	5.80	0.0026	6.99	7.55	3.50
1796	S	6B	OLEA	Lino	cari	6.80	0.0036		4.85	7.60
1797	S	6B	MYRT	Euge	mont	5.90	0.0027	10.0	3.00	7.25
1798	S	6B	MIMO	Acac	muri	21.50	0.0363		2.65	9.00
1799	M	6B	NYCT	Guap	frag	16.50	0.0214		1.95	9.50
1800	M	6B	NYCT	Guap	frag	13.40	0.0141		2.40	9.80
1801	S	6B	MYRT	Euge	mont	14.10	0.0156	11.5	2.50	5.85
1802	S	6B	MIMO	Acac	muri	10.00	0.0079		2.20	3.20
1803	S	6B	MYRT	Myrc	citr	7.60	0.0045	7.90	2.60	2.00
1804	S	6B	MYRS	Ardi	obov	5.20	0.0021		2.05	1.75
1805	S	6B	MYRS	Ardi	obov	6.80	0.0036		1.25	0.50
1806	S	6B	MIMO	Acac	muri	22.20	0.0387		1.00	1.00
1807	M	6B	LAUR	Ocot	cori	6.60	0.0034	9.72	1.00	1.25
1810	M	6B	LAUR	Ocot	cori	5.00	0.0020		0.10	4.50
1808	S	6B	MIMO	Acac	muri	16.70	0.0219		0.10	4.50
1809	S	6B	OLEA	Lino	cari	5.90	0.0027	8.81	1.05	5.10
1811	S	6A	MIMO	Acac	muri	10.90	0.0093		8.95	2.30
1812	S	6A	MIMO	Acac	muri	18.40	0.0266		8.45	0.60
1813	S	6A	MYRT	Myrc	citr	6.10	0.0029	6.68	8.20	0.35
1814	S	6A	MYRT	Euge	bifl	6.80	0.0036	8.81	9.60	3.80
1815	S	6A	NYCT	Guap	frag	8.90	0.0062		9.70	3.90
1816	S	6A	NYCT	Guap	frag	8.80	0.0061		5.15	7.90
1817	S	6A	MIMO	Acac	muri	19.00	0.0284		7.82	6.25
1818	S	6A	MIMO	Acac	muri	20.40	0.0327		8.00	6.85
1819	S	6A	MYRS	Ardi	obov	6.50	0.0033		8.70	7.52
1820	S	6A	NYCT	Guap	frag	6.10	0.0029		9.70	7.70

APPENDIX I. (Continued)

1821	S	6A	MIMO	Acac	muri	24.20	0.0460		6.75	9.60	
1822	S	6A	CAPP	Capp	cyno	6.20	0.0030	5.77	5.75	9.60	
1823	S	6A	MIMO	Acac	muri	11.80	0.0109		4.60	8.40	
1824	S	6A	OLEA	Lino	cari	5.80	0.0026		4.10	6.40	
1825	S	6A	MYRT	Myrc	citr	5.40	0.0023	5.77	6.90	5.00	
1826	S	6A	NYCT	Guap	frag	11.60	0.0106		6.85	8.65	
1827	S	6A	MIMO	Acac	muri	20.00	0.0314		3.90	8.15	
1828	M	6A	MIMO	Acac	muri	13.10	0.0135		3.00	8.05	SICK11/86
1829	M	6A	MIMO	Acac	muri	11.80	0.0109		2.80	8.35	
1830	M	6A	MIMO	Acac	muri	12.10	0.0115		2.70	8.75	
1831	S	6A	LAUR	Ocot	cori	5.60	0.0025	6.07	2.10	8.80	
1832	S	6A	MIMO	Acac	muri	19.70	0.0305		1.00	8.90	
1833	S	6A	MYRT	Pime	race	5.40	0.0023		1.65	7.85	
1834	S	6A	MYRT	Pime	race	5.50	0.0024		0.75	6.10	
1835	S	6A	BIGN	Tabe	hete	26.70	0.0560	16.4	0.40	5.65	
1836	S	6A	MIMO	Acac	muri	6.80	0.0036		0.80	5.10	DEAD 6/86
1837	S	6A	MYRS	Ardi	obov	5.70	0.0026		1.60	5.25	
1838	S	6A	NYCT	Guap	frag	8.70	0.0059		2.50	5.25	
1839	S	6A	MYRT	Pime	race	6.00	0.0028	7.90	0.15	5.85	
1840	S	6A	MIMO	Acac	muri	17.40	0.0238		0.80	4.20	
1841	S	6A	MIMO	Acac	muri	10.80	0.0092		1.05	3.50	
1842	S	6A	NYCT	Guap	frag	6.70	0.0035		1.60	1.45	
1843	S	6A	LAUR	Ocot	cori	7.30	0.0042		3.20	0.35	
1844	S	6A	MIMO	Acac	muri	16.50	0.0214		3.40	0.40	
1845	S	6A	MIMO	Acac	muri	14.90	0.0174		5.90	0.60	
1846	M	6A	CAPP	Mori	amer	7.10	0.0040		6.55	2.95	
1847	M	6A	CAPP	Mori	amer	5.20	0.0021	9.11	6.60	2.85	
1848	S	6A	OLEA	Lino	cari	5.00	0.0020		6.15	4.30	DEAD 6/86
1849	S	6A	MYRT	Myrc	citr	5.30	0.0022	14.8	5.25	2.40	
1850	S	7A	OLEA	Lino	cari	7.50	0.0044		0.60	0.55	
1851	S	7A	MIMO	Acac	muri	15.20	0.0181	17.9	2.60	1.90	
1852	S	7A	OLEA	Lino	cari	5.50	0.0024		3.05	3.05	
1853	S	7A	MIMO	Acac	muri	11.30	0.0100		3.20	4.60	
1854	S	7A	MIMO	Acac	muri	26.80	0.0564		4.45	5.50	
1855	S	7A	MYRT	Pime	race	7.90	0.0049		0.35	6.35	
1856	S	7A	LAUR	Lica	sali	5.50	0.0024	7.90	1.20	6.15	
1857	S	7A	RUTA	Zant	mart	30.20	0.0716	18.2	6.20	8.10	
1858	S	7A	NYCT	Guap	frag	19.20	0.0290		6.35	9.90	
1859	S	7A	MYRT	Euge	mont	7.40	0.0043	7.90	7.00	7.80	
1860	S	7A	CAPP	Mori	amer	9.40	0.0069	7.90	7.85	7.85	
1861	S	7A	MYRT	Euge	mont	9.80	0.0075	11.5	6.70	4.20	
1862	S	7A	MIMO	Acac	muri	11.50	0.0104		4.20	0.80	
1863	S	7A	MYRT	Pime	race	5.50	0.0024		5.30	0.07	
1864	S	7A	MIMO	Acac	muri	17.50	0.0241		6.45	1.20	
1865	S	7A	NYCT	Guap	frag	8.90	0.0062		6.55	2.70	
1866	S	7A	NYCT	Guap	frag	9.60	0.0072		7.60	2.50	
1867	S	7A	FLAC	Case	deca	5.10	0.0020	9.42	9.20	2.25	
1868	S	7A	OLEA	Lino	cari	5.20	0.0021		9.15	2.20	DEAD 6/86
1869	S	7A	MIMO	Acac	ripa	6.30	0.0031		8.00	4.70	
1870	S	7A	MYRS	Ardi	obov	6.20	0.0030		8.65	9.75	

APPENDIX I. (Continued)

2741	S	7A	RHAM	Krug	ferr	5.00	0.0020		4.20	5.40	
2742	S	7A	MIMO	Acac	west	6.20	0.0030		7.75	7.90	
2743	S	7A	NYCT	Guap	frag	5.40	0.0023		8.60	1.80	
2744	S	7A	MYRS	Ardi	obov	6.00	0.0028		9.52	0.50	
1871	S	7B	MYRT	Pime	race	16.70	0.0219		1.25	5.75	
1872	M	7B	LAUR	Lica	sali	5.20	0.0021		2.15	6.25	
1873	M	7B	LAUR	Lica	sali	5.20	0.0021	10.6	2.25	5.95	
1874	S	7B	BORA	Cord	alli	10.30	0.0083		3.00	7.90	DEAD 7/86
1875	S	7B	FLAC	Case	guia	5.40	0.0023	7.59	3.50	8.30	
1876	S	7B	MIMO	Acac	muri	31.50	0.0779		3.95	4.50	
1877	S	7B	LAUR	Ocot	cori	11.40	0.0102		3.90	3.40	
1878	S	7B	NYCT	Guap	frag	27.10	0.0577		6.00	1.20	
1879	S	7B	MYRS	Ardi	obov	7.00	0.0038		5.15	0.52	
1880	M	7B	MYRS	Ardi	obov	7.60	0.0045		6.60	2.60	
1881	M	7B	MYRS	Ardi	obov	10.30	0.0083		6.60	2.75	
1882	S	7B	NYCT	Guap	frag	10.00	0.0079		4.80	6.00	
1883	S	7B	VERB	Cith	frut	8.30	0.0054	13.9	5.10	9.70	
1884	S	7B	NYCT	Guap	frag	25.30	0.0503		5.55	9.95	
1885	S	7B	MYRS	Ardi	obov	5.70	0.0026		7.00	6.95	
1886	S	7B	BIGN	Tabe	hete	8.50	0.0057	10.0	7.10	5.00	
1887	M	7B	CAPP	Mori	amer	8.20	0.0053	6.68	9.80	1.85	
1888	M	7B	CAPP	Mori	amer	5.90	0.0027		9.85	1.45	
1889	S	7B	MIMO	Inga	fagi	5.20	0.0021		9.15	7.40	
1890	S	7B	BORA	Bour	succ	8.60	0.0058	8.51	8.50	8.30	
1891	S	7B	BORA	Cord	alli	6.00	0.0028		8.25	8.50	DEAD 3/86
2745	S	7B	MYRT	Euge	mont	5.20	0.0021	7.29	0.52	3.70	
2746	S	7B	MYRS	Ardi	obov	5.10	0.0020		5.90	0.62	
1892	S	7C	MALP	Byrs	cori	26.30	0.0543	19.4	0.60	1.35	
1893	S	7C	MYRS	Ardi	obov	6.20	0.0030		0.90	0.25	
1894	S	7C	SAPI	Allo	race	10.30	0.0083	9.11	3.20	4.65	
1895	S	7C	NYCT	Guap	frag	11.30	0.0100		4.80	2.80	
1896	S	7C	NYCT	Guap	frag	18.50	0.0269	18.2	5.20	3.90	
1897	S	7C	MYRS	Ardi	obov	6.90	0.0037		4.20	4.45	
1898	S	7C	RUTA	Zant	mart	15.10	0.0179	18.2	4.90	9.70	
1899	S	7C	MIMO	Inga	fagi	8.10	0.0052		6.65	6.90	
1900	S	7C	MIMO	Inga	fagi	15.60	0.0191		6.95	6.65	
1901	S	7C	MIMO	Inga	fagi	15.90	0.0199		6.85	5.95	
1902	S	7C	MYRT	Pime	race	10.30	0.0083		5.30	0.45	
1903	S	7C	CAPP	Mori	amer	10.80	0.0092		8.60	0.75	
1904	S	7C	MIMO	Inga	fagi	7.70	0.0047		9.10	1.00	
1905	S	7C	CAPP	Mori	amer	12.70	0.0127	10.3	9.75	3.35	
1906	M	7C	MYRT	Pime	race	10.30	0.0083		7.60	5.10	
1907	M	7C	MYRT	Pime	race	7.10	0.0040		7.70	5.20	
1908	S	7D	NYCT	Guap	frag	13.40	0.0141		0.05	4.10	
1909	S	7D	MIMO	Inga	fagi	22.90	0.0412	20.0	0.32	1.40	
1910	S	7D	MIMO	Inga	fagi	18.10	0.0257		1.12	3.35	
1911	M	7D	MIMO	Inga	fagi	15.90	0.0199		1.50	3.95	
1912	M	7D	MIMO	Inga	fagi	17.90	0.0252		1.75	3.90	
1913	S	7D	MIMO	Inga	fagi	12.70	0.0127		1.00	5.70	
1914	S	7D	BORA	Cord	alli	10.80	0.0092	12.7	4.45	8.00	

APPENDIX I. (Continued)

1915	S	7D	FLAC	Case	deca	5.00	0.0020	7.90	5.85	3.65
1916	S	7D	LAUR	Ocot	cori	6.00	0.0028		4.75	3.00
1917	S	7D	RUTA	Zant	mart	29.20	0.0670		3.65	0.85
1918	S	7D	BORA	Cord	sulc	7.30	0.0042	9.42	6.85	2.55
1919	S	7D	FLAC	Case	guia	5.50	0.0024	5.77	8.10	3.10
1920	S	7D	MYRT	Pime	race	5.70	0.0026		9.10	5.50
1921	S	7D	NYCT	Guap	frag	8.30	0.0054		8.35	7.00
1922	S	7D	NYCT	Guap	frag	6.20	0.0030		8.60	7.55
1923	S	7D	ANAC	Spon	momb	19.20	0.0290	17.0	8.70	9.70
1924	S	7D	BORA	Cord	sulc	8.20	0.0053	11.8	6.25	9.95
1925	S	7E	MYRT	Pime	race	5.90	0.0027		1.35	5.45
1926	S	7E	CAPP	Capp	indi	11.70	0.0108	6.68	1.40	7.90
1927	S	7E	NYCT	Guap	frag	5.60	0.0025		2.50	8.45
1928	S	7E	MYRT	Pime	race	10.10	0.0080		2.40	9.80
1929	S	7E	NYCT	Guap	frag	6.20	0.0030		3.25	8.40
1930	S	7E	MYRS	Ardi	obov	5.90	0.0027		4.80	6.50
1931	S	7E	NYCT	Guap	frag	48.30	0.1832		3.90	2.65
1932	S	7E	MYRS	Ardi	obov	6.30	0.0031	11.2	7.30	6.70
1933	S	7E	MYRS	Ardi	obov	11.90	0.0111	12.4	8.75	8.55
1934	M	7E	MIMO	Inga	fagi	9.70	0.0074		9.35	2.55
1935	M	7E	MIMO	Inga	fagi	16.40	0.0211		9.60	2.50
1936	M	7E	MIMO	Inga	fagi	7.70	0.0047		9.65	2.35
1937	S	7E	NYCT	Guap	frag	24.80	0.0483		9.90	1.45
1938	S	7E	RUTA	Zant	mart	12.80	0.0129	20.9	7.90	0.35
1939	S	7E	NYCT	Guap	frag	5.30	0.0022		7.25	9.65
1940	S	7F	LAUR	Ocot	cori	7.80	0.0048	8.81	0.75	3.40
1941	S	7F	LAUR	Lica	sali	11.10	0.0097	14.5	1.00	3.10
1942	S	7F	LAUR	Lica	sali	12.80	0.0129	13.6	2.30	1.20
1943	S	7F	MIMO	Inga	fagi	7.40	0.0043		2.80	1.07
1944	S	7F	MYRT	Pime	race	13.30	0.0139		5.05	0.70
1945	S	7F	MIMO	Inga	fagi	5.20	0.0021		6.95	2.30
1946	M	7F	SAPO	Pout	mult	18.50	0.0269	20.3	8.40	2.90
1947	M	7F	SAPO	Pout	mult	10.10	0.0080		8.55	2.90
1948	M	7F	SAPO	Pout	mult	5.30	0.0022		8.50	3.10
1949	S	7F	MALP	Byrs	cori	15.20	0.0181	15.1	7.65	5.45
1950	S	7F	STER	Guaz	ulmi	72.70	0.4151	18.2	2.85	9.55
1951	S	7F	MYRT	Pime	race	10.00	0.0079		0.60	9.70
1952	S	7G	RUTA	Zant	mart	32.30	0.0819	37.9	0.30	2.60
1953	S	7G	MIMO	Inga	fagi	27.70	0.0603		4.45	2.40
1955	S	7G	BIGN	Tabe	hete	48.40	0.1840		6.50	5.05
1954a	M	7G	CLUS	Clus	rose	7.80	0.0048		5.70	5.30
1954b	M	7G	CLUS	Clus	rose	10.60	0.0088	23.4	5.70	5.30
1954c	M	7G	CLUS	Clus	rose	5.80	0.0026		5.70	5.30
1954d	M	7G	CLUS	Clus	rose	5.80	0.0026		5.70	5.30
1954e	M	7G	CLUS	Clus	rose	11.50	0.0104		5.70	5.30
1954f	M	7G	CLUS	Clus	rose	11.00	0.0095		5.70	5.30
1956	S	7G	MYRS	Ardi	obov	6.40	0.0032	11.2	4.80	7.00
1957	S	7G	BIGN	Tabe	hete	15.40	0.0186	15.8	9.00	9.90
1958	M	7G	MYRS	Ardi	obov	8.50	0.0057		8.50	2.65
1959	M	7G	MYRS	Ardi	obov	9.40	0.0069		9.20	1.95

APPENDIX I. (Continued)

1960	S	7H	NYCT	Guap	frag	8.20	0.0053		1.40	1.20	
1961	S	7H	MYRS	Ardi	obov	5.60	0.0025		0.10	7.50	
1962	S	7H	MYRT	Pime	race	11.20	0.0099		0.20	9.65	
1963	S	7H	MYRT	Pime	race	8.10	0.0052		3.60	9.50	
1964	S	7H	LAUR	Ocot	anti	17.20	0.0232	15.8	5.40	7.50	
1965	S	7H	MYRS	Ardi	obov	10.10	0.0080		4.85	3.35	
1966	M	7H	MYRS	Ardi	obov	5.10	0.0020		5.25	2.40	Dd11/86wt
1967	M	7H	MYRS	Ardi	obov	5.70	0.0026		5.95	2.90	
1968	S	7H	NYCT	Guap	frag	5.40	0.0023	6.68	3.80	0.65	
1969	S	7H	MIMO	Inga	fagi	5.80	0.0026		4.80	0.20	
1970	S	7H	LAUR	Lica	sali	15.20	0.0181	15.1	7.35	3.30	
1971	S	7H	MIMO	Inga	fagi	5.90	0.0027		7.95	2.65	
1972	M	7H	MYRS	Ardi	obov	9.80	0.0075		7.10	5.00	
1973	M	7H	MYRS	Ardi	obov	8.50	0.0057		6.75	5.55	
1974	S	7H	BIGN	Tabe	hete	13.50	0.0143		7.00	8.30	
1975	S	7H	MYRT	Pime	race	13.70	0.0147		5.80	8.00	
1984	S	7H	RUBI	Fara	occi	5.20	0.0021		9.90	2.60	
1976	S	7I	BIGN	Tabe	hete	22.20	0.0387		2.20	7.95	
1977	S	7I	NYCT	Guap	frag	6.40	0.0032		2.15	7.35	
1978	M	7I	MYRS	Ardi	obov	8.40	0.0055		2.65	8.25	
1979	M	7I	MYRS	Ardi	obov	12.90	0.0131		2.75	8.25	
1980	M	7I	MYRS	Ardi	obov	5.80	0.0026		2.75	8.35	
1981	S	7I	RUBI	Fara	occi	5.00	0.0020	3.95	2.55	6.20	
1982	S	7I	NYCT	Guap	frag	7.50	0.0044		2.55	2.34	
1983	S	7I	MYRS	Ardi	obov	7.00	0.0038		2.00	2.00	
1985	S	7I	MALP	Byrs	cori	15.60	0.0191		0.25	1.38	DEAD 3/86
1986	S	7I	LAUR	Ocot	cori	11.20	0.0099	11.2	0.00	0.74	WITHROWN85
1987	S	7I	MALP	Byrs	cori	35.40	0.0984	21.8	3.95	0.20	
1988	S	7I	MALP	Byrs	cori	15.60	0.0191		4.65	0.35	
1989	S	7I	MYRT	Pime	race	7.00	0.0038		4.30	1.30	
1990	S	7I	MALP	Byrs	cori	12.10	0.0115		3.25	2.60	
1991	S	7I	FABA	Andi	iner	7.00	0.0038	6.38	3.95	5.90	
1992	S	7I	MALP	Byrs	cori	18.70	0.0275		4.15	6.25	
1993	S	7I	MYRS	Ardi	obov	5.10	0.0020		4.10	5.40	
1994	M	7I	MALP	Byrs	cori	17.10	0.0230		3.25	9.50	SICK 1/87
1995	M	7I	MALP	Byrs	cori	7.00	0.0038		3.40	9.50	
1996	M	7I	MALP	Byrs	cori	23.90	0.0449		3.55	9.65	
1997	M	7I	MALP	Byrs	cori	10.90	0.0093		3.75	9.70	
1998	S	7I	MALP	Byrs	cori	8.30	0.0054		7.40	9.25	
1999	S	7I	BIGN	Tabe	hete	28.00	0.0616		6.80	7.90	
2000	S	7I	MYRT	Pime	race	8.30	0.0054		7.20	7.60	
2001	S	7I	MIMO	Inga	fagi	6.80	0.0036		0.27	4.25	
2002	S	7I	MALP	Byrs	cori	19.50	0.0299		9.50	9.60	
2003	S	7I	MIMO	Inga	fagi	22.60	0.0401		7.15	4.15	
2004	S	7I	MYRT	Pime	race	11.30	0.0100		7.80	3.05	
2005	S	7I	MYRT	Pime	race	10.10	0.0080		8.95	2.80	
2006	S	7I	MYRT	Pime	race	7.30	0.0042	10.0	7.50	2.10	
2007	S	7I	MYRT	Pime	race	5.40	0.0023		9.80	1.10	
2008	S	7J	MYRT	Pime	race	8.80	0.0061		0.25	0.05	
2009	S	7J	MYRT	Pime	race	7.80	0.0048		1.75	0.70	

APPENDIX I. (Continued)

2010	S	7J	MYRT	Pime	race	8.30	0.0054		2.25	2.40	
2011	S	7J	MYRT	Pime	race	5.10	0.0020		0.62	3.40	
2012	S	7J	MIMO	Inga	fagi	12.40	0.0121		1.05	7.40	
2013	S	7J	MALP	Byrs	cori	6.40	0.0032	5.77	2.20	9.20	
2014	S	7J	MALP	Byrs	cori	14.00	0.0154		2.25	8.70	
2015	S	7J	MALP	Byrs	cori	16.60	0.0216		2.70	7.89	
2016	S	7J	MALP	Byrs	cori	14.10	0.0156		3.45	6.10	
2017	S	7J	MALP	Byrs	cori	6.40	0.0032		3.95	5.15	
2018	S	7J	MALP	Byrs	cori	28.70	0.0647	17.3	3.60	4.35	
2019	S	7J	MALP	Byrs	cori	23.50	0.0434		5.85	2.20	
2020	S	7J	MYRT	Pime	race	9.20	0.0066		5.65	3.10	
2021	S	7J	NYCT	Guap	frag	7.00	0.0038		7.50	1.69	
2022	S	7J	MYRT	Pime	race	8.10	0.0052		7.80	4.20	
2023	S	7J	MYRT	Pime	race	12.30	0.0119		9.90	1.80	
2024	S	7J	MYRT	Pime	race	8.10	0.0052	11.8	8.20	7.70	
2025	S	7J	MIMO	Inga	fagi	12.10	0.0115		8.20	8.30	
2026	S	7J	MYRT	Pime	race	5.50	0.0024		9.95	9.90	
2027	S	7J	MYRT	Pime	race	8.20	0.0053		7.80	8.30	
2028	S	7J	MALP	Byrs	cori	17.80	0.0249		9.20	8.00	
2029	S	7J	MYRT	Pime	race	11.00	0.0095		7.50	8.50	
2030	M	7J	MALP	Byrs	cori	8.60	0.0058		7.20	9.00	
2031	M	7J	MALP	Byrs	cori	16.90	0.0224	19.1	7.25	9.20	
2032	S	7J	MIMO	Inga	fagi	5.30	0.0022	8.20	4.55	8.80	
2033	S	7J	MYRT	Pime	race	9.70	0.0074		3.25	0.81	
2034	S	8J	MYRT	Pime	race	9.80	0.0075		8.45	0.15	
2035	M	8J	MALP	Byrs	cori	7.20	0.0041		8.45	0.45	SICK11/86
2036	M	8J	MALP	Byrs	cori	8.00	0.0050		8.35	1.20	
2037	S	8J	MYRT	Pime	race	6.60	0.0034		9.60	3.25	
2038	S	8J	MYRT	Pime	race	7.50	0.0044		9.90	5.95	
2039	S	8J	MIMO	Inga	fagi	8.20	0.0053		9.30	6.65	
2040	S	8J	MALP	Byrs	cori	6.30	0.0031		6.25	8.49	DEAD 7/86
2041	S	8J	MALP	Byrs	cori	16.40	0.0211		5.70	8.17	
2042	S	8J	MYRT	Myrc	citr	5.80	0.0026	6.99	7.90	5.36	
2043	S	8J	AQUI	Ilex	urba	9.70	0.0074	10.3	7.55	2.90	
2044	M	8J	MYRT	Myrc	citr	6.10	0.0029		6.65	4.42	
2045	M	8J	MYRT	Myrc	citr	11.20	0.0099		6.50	4.50	
2046	S	8J	MYRT	Pime	race	7.00	0.0038	10.0	5.65	5.32	
2047	S	8J	MYRT	Pime	race	5.30	0.0022		4.95	4.99	
2048	S	8J	MALP	Byrs	cori	21.60	0.0366	17.0	6.95	2.56	
2049	S	8J	MALP	Byrs	cori	8.60	0.0058		6.30	1.40	
2050	S	8J	NYCT	Guap	frag	6.20	0.0030		4.95	0.70	
2051	S	8J	MIMO	Inga	fagi	8.30	0.0054		4.95	1.90	
2052	S	8J	NYCT	Guap	frag	5.20	0.0021	7.90	3.00	1.20	
2053	S	8J	MYRT	Pime	race	6.90	0.0037		1.25	2.10	
2054	S	8J	MALP	Byrs	cori	11.90	0.0111		2.50	4.80	
2055	S	8J	MALP	Byrs	cori	24.30	0.0464		1.60	5.45	
2056	S	8J	MALP	Byrs	cori	5.50	0.0024		0.90	4.60	
2057	S	8J	ARAL	Didy	moro	12.70	0.0127	10.0	0.55	4.60	
2058	M	8J	AQUI	Ilex	urba	6.30	0.0031	9.42	0.60	5.63	
2059	M	8J	AQUI	Ilex	urba	9.60	0.0072		0.48	5.77	

APPENDIX I. (Continued)

2060	S	8J	MALP	Byrs	cori	14.00	0.0154	9.42	1.15	7.00	
2061	S	8J	MALP	Byrs	cori	6.70	0.0035		1.85	7.40	
2062	S	8J	MALP	Byrs	cori	8.60	0.0058		1.95	8.42	
2063	S	8J	MYRS	Ardi	obov	6.70	0.0035	9.11	0.22	7.77	
2064	S	8J	AQUI	Ilex	urba	5.20	0.0021	5.16	0.40	9.60	
2065	S	8J	MYRS	Ardi	obov	5.10	0.0020		5.60	8.85	
2066	S	8J	MYRT	Pime	race	5.10	0.0020		9.46	1.98	
2067	S	8J	MYRT	Pime	race	5.50	0.0024		1.80	3.42	DEAD 7/86
2068	S	8I	MALP	Byrs	cori	8.20	0.0053		9.50	0.30	
2069	S	8I	MYRT	Pime	race	5.30	0.0022		8.40	1.40	
2070	S	8I	MYRT	Pime	race	11.60	0.0106		9.40	1.90	
2071	S	8I	MYRT	Pime	race	5.10	0.0020		9.40	3.90	
2072	S	8I	MALP	Byrs	cori	22.20	0.0387	20.3	8.30	3.90	
2073	S	8I	MYRT	Pime	race	6.10	0.0029		9.15	7.30	
2074	S	8I	MIMO	Inga	fagi	16.40	0.0211		6.90	9.49	
2075	S	8I	NYCT	Guap	frag	5.70	0.0026		6.25	9.95	
2076	S	8I	MYRS	Ardi	obov	5.10	0.0020		5.85	8.85	
2077	S	8I	LAUR	Ocot	sint	15.60	0.0191	13.3	4.55	7.10	
2078	S	8I	RUBI	Guet	scab	11.80	0.0109	12.7	4.25	6.51	
2079	S	8I	RUBI	Fara	occi	5.70	0.0026	6.38	3.85	5.10	
2080	S	8I	MALP	Byrs	cori	17.00	0.0227		6.50	6.20	
2081	S	8I	ARAL	Didy	moro	15.20	0.0181	13.0	5.20	5.00	
2082	S	8I	MYRS	Ardi	obov	7.20	0.0041	12.7	6.65	2.50	
2083	S	8I	MYRT	Pime	race	6.50	0.0033		6.50	0.95	
2084	S	8I	NYCT	Guap	frag	6.90	0.0037		4.85	1.80	
2085	S	8I	NYCT	Guap	frag	6.10	0.0029		3.95	2.89	
2086	S	8I	MYRS	Ardi	obov	5.60	0.0025		2.85	3.15	
2087	S	8I	MYRS	Ardi	obov	5.70	0.0026		3.70	7.35	
2088	S	8I	MYRS	Ardi	obov	11.30	0.0100		2.65	7.70	
2089	S	8I	MIMO	Inga	fagi	19.20	0.0290		1.45	9.45	
2090	S	8I	NYCT	Guap	frag	9.00	0.0064		0.87	9.55	
2091	S	8I	NYCT	Guap	frag	6.40	0.0032		2.15	7.09	
2092	S	8I	RUBI	Guet	scab	9.90	0.0077		0.72	5.60	WIRW 2/87
2093	S	8I	MALP	Byrs	cori	17.20	0.0232		1.95	2.95	
2094	M	8I	MYRS	Ardi	obov	6.50	0.0033		1.90	2.70	
2095	M	8I	MYRS	Ardi	obov	9.80	0.0075		1.90	2.51	
2096	M	8I	MYRS	Ardi	obov	8.00	0.0050		1.45	2.35	
2097	S	8H	NYCT	Guap	frag	7.70	0.0047		7.75	0.50	
2098	S	8H	MYRS	Ardi	obov	6.50	0.0033		7.80	1.56	
2099	S	8H	MYRS	Ardi	obov	8.40	0.0055		8.30	2.30	
2100	S	8H	THEA	Tern	pedu	9.60	0.0072	6.07	9.20	5.56	
2101	S	8H	MALP	Byrs	cori	18.30	0.0263		9.00	9.50	
2102	S	8H	MYRT	Myrc	citr	7.90	0.0049	7.59	8.80	9.10	
2103	S	8H	MIMO	Inga	fagi	5.00	0.0020	6.38	7.00	9.24	
2104	S	8H	CAPP	Mori	amer	17.10	0.0230	8.81	7.70	5.70	
2105	S	8H	MYRS	Ardi	obov	5.50	0.0024		7.25	5.45	
2106	S	8H	LAUR	Ocot	cori	8.70	0.0059	13.3	5.65	1.90	
2107	S	8H	MYRT	Pime	race	9.20	0.0066		3.95	3.30	
2108	M	8H	LAUR	Ocot	cori	5.00	0.0020		4.45	8.20	
2109	M	8H	LAUR	Ocot	cori	7.90	0.0049		4.40	7.80	

APPENDIX I. (Continued)

2110	M	8H	LAUR	Ocot	cori	9.10	0.0065		4.30	7.69	
2111	S	8H	LAUR	Ocot	sint	32.90	0.0850	23.1	3.65	9.40	
2112	S	8H	MIMO	Inga	fagi	7.50	0.0044		1.40	9.60	
2113	S	8H	LAUR	Ocot	cori	6.00	0.0028		0.49	9.01	
2114	S	8H	NYCT	Guap	frag	17.10	0.0230		0.90	6.10	
2115	S	8H	MIMO	Inga	fagi	8.20	0.0053		0.60	5.85	
2116	S	8H	MYRT	Pime	race	8.10	0.0052		1.25	3.92	
2117	S	8H	MYRT	Pime	race	15.20	0.0181		1.45	3.40	
2747	S	8H	RUBI	Fara	occi	5.00	0.0020		3.75	7.30	
2118	S	8G	MIMO	Inga	fagi	7.10	0.0040		8.60	0.45	
2119	M	8G	MYRS	Ardi	obov	15.10	0.0179	11.2	6.55	4.01	
2120	M	8G	MYRS	Ardi	obov	7.20	0.0041		5.80	6.20	
2121	S	8G	NYCT	Guap	frag	6.30	0.0031		5.70	4.85	
2122	S	8G	BORA	Cord	sulc	11.80	0.0109	12.1	5.55	4.90	
2123	S	8G	MALP	Byrs	cori	13.40	0.0141		6.30	7.80	
2124	S	8G	MIMO	Inga	fagi	10.40	0.0085		6.45	8.85	
2125	S	8G	MYRT	Pime	race	11.30	0.0100		3.10	9.50	
2126	S	8G	MALP	Byrs	cori	11.40	0.0102	16.7	3.20	7.15	
2127	S	8G	LAUR	Ocot	cori	8.10	0.0052		4.10	4.90	WIRW 2/87
2128	S	8G	MIMO	Inga	fagi	6.00	0.0028		5.70	2.21	
2129	S	8G	MIMO	Inga	fagi	7.50	0.0044		2.95	0.95	
2130	S	8G	MYRS	Ardi	obov	5.50	0.0024		0.75	1.20	
2131	S	8G	MIMO	Inga	fagi	7.10	0.0040		0.35	4.10	
2132	S	8G	STER	Guaz	ulmi	10.30	0.0083	9.72	0.40	5.85	
2133	S	8F	RUBI	Fara	occi	5.50	0.0024	5.77	8.60	7.10	
2134	S	8F	MALP	Byrs	cori	35.10	0.0968	26.4	7.95	3.65	
2135	S	8F	MIMO	Inga	fagi	7.90	0.0049		8.70	1.00	
2136	S	8F	NYCT	Guap	frag	5.50	0.0024	7.29	5.80	4.40	
2137	M	8F	FABA	Andi	iner	5.80	0.0026		4.85	4.95	
2138	M	8F	FABA	Andi	iner	7.00	0.0038		4.70	5.00	
2139	M	8F	FABA	Andi	iner	7.60	0.0045	9.42	4.55	5.05	
2140	S	8F	MIMO	Inga	fagi	5.60	0.0025		4.30	2.95	
2141	S	8F	MIMO	Inga	fagi	6.40	0.0032		2.55	6.52	
2142	S	8F	MALP	Byrs	cori	23.90	0.0449		0.90	7.10	
2143	S	8F	MALP	Byrs	cori	22.80	0.0408		1.45	4.60	
2144	S	8F	BORA	Cord	sulc	7.10	0.0040	10.6	1.60	4.10	
2145	S	8F	LAUR	Ocot	cori	11.80	0.0109		6.70	9.50	
2146	S	8F	MYRT	Pime	race	9.10	0.0065		7.05	6.35	DEAD 7/86
2147	S	8F	LAUR	Ocot	cori	7.30	0.0042		0.20	0.20	
2148	S	8E	MIMO	Inga	fagi	7.40	0.0043	15.8	7.55	1.48	
2149	S	8E	LAUR	Ocot	cori	11.40	0.0102	6.99	6.10	2.55	
2150	S	8E	LAUR	Ocot	cori	7.50	0.0044		5.50	2.70	DEAD 7/86
2151	S	8E	RUTA	Zant	mart	20.80	0.0340	20.3	7.75	3.82	
2152	S	8E	BORA	Cord	coll	9.10	0.0065	13.6	8.75	4.55	
2153	S	8E	MIMO	Inga	fagi	7.40	0.0043		7.80	6.05	
2154	S	8E	MIMO	Inga	fagi	6.50	0.0033		9.65	7.10	
2155	S	8E	MIMO	Inga	fagi	9.40	0.0069	11.8	9.15	6.80	
2156	M	8E	MIMO	Inga	fagi	9.30	0.0068		7.75	6.30	
2157	M	8E	MIMO	Inga	fagi	18.70	0.0275		7.55	6.30	
2158	S	8E	NYCT	Guap	frag	6.40	0.0032		6.95	6.45	

APPENDIX I. (Continued)

2159	S	8E	MYRT	Pime	race	21.00	0.0346		4.60	8.50
2160	S	8E	MIMO	Inga	fagi	6.00	0.0028		3.80	5.55
2161	M	8E	MYRT	Pime	race	9.90	0.0077		2.15	2.75
2162	M	8E	MYRT	Pime	race	11.60	0.0106		2.00	2.64
2163	M	8E	MYRT	Pime	race	5.30	0.0022		1.85	2.62
2749	S	8E	RUBI	Fara	occi	5.00	0.0020		4.05	1.78
2164	S	8D	NYCT	Guap	frag	10.30	0.0083	11.5	9.25	0.25
2165	S	8D	MIMO	Inga	fagi	5.70	0.0026		9.82	1.50
2166	S	8D	MIMO	Inga	fagi	5.40	0.0023		9.05	2.85
2167	S	8D	MYRT	Pime	race	11.60	0.0106		8.21	2.90
2168	S	8D	STER	Guaz	ulmi	17.50	0.0241	15.8	6.60	3.95
2169	S	8D	BORA	Cord	sulc	14.50	0.0165	15.5	6.05	3.75
2170	S	8D	MIMO	Inga	fagi	21.50	0.0363		5.40	1.20
2171	S	8D	MIMO	Inga	fagi	7.70	0.0047		4.40	2.80
2172	M	8D	CAPP	Mori	amer	8.30	0.0054		2.82	0.50
2173	M	8D	CAPP	Mori	amer	9.00	0.0064		2.71	0.70
2174	M	8D	CAPP	Mori	amer	5.70	0.0026	10.3	2.50	0.65
2175	S	8D	MIMO	Inga	fagi	5.90	0.0027		2.76	2.25
2176	S	8D	MIMO	Inga	fagi	6.60	0.0034		1.90	4.05
2177	S	8D	BORA	Cord	sulc	8.00	0.0050	11.5	1.92	4.35
2178	M	8D	MIMO	Inga	fagi	5.60	0.0025		1.56	4.75
2179	M	8D	MIMO	Inga	fagi	8.00	0.0050		1.45	4.75
2180	S	8D	MALP	Byrs	cori	20.50	0.0330		0.32	5.25
2181	S	8D	BORA	Cord	alli	17.30	0.0235	18.5	0.75	6.35
2182	S	8D	MALP	Byrs	cori	12.70	0.0127	15.8	1.90	7.30
2183	S	8D	MYRT	Pime	race	9.60	0.0072		6.20	6.20
2184	S	8D	MYRT	Pime	race	8.60	0.0058		8.10	9.25
2185	S	8D	MALP	Byrs	cori	24.70	0.0479		3.95	9.65
2186	S	8D	BORA	Cord	coll	5.10	0.0020		9.65	4.15
2187	S	8C	MIMO	Inga	fagi	9.70	0.0074		7.82	1.20
2188	S	8C	MIMO	Inga	fagi	5.30	0.0022		6.90	2.50
2189	S	8C	MALP	Byrs	cori	13.90	0.0152		8.25	3.10
2190	S	8C	MALP	Byrs	cori	7.20	0.0041		8.04	3.70
2191	S	8C	MIMO	Inga	fagi	11.60	0.0106		8.33	4.10
2192	S	8C	BIGN	Tabe	hete	5.10	0.0020	6.38	8.95	7.25
2193	S	8C	BIGN	Tabe	hete	5.50	0.0024		8.81	7.40
2194	S	8C	MIMO	Inga	fagi	6.70	0.0035		9.40	9.70
2195	S	8C	FABA	Andi	iner	6.30	0.0031	8.51	8.05	9.55
2196	S	8C	MIMO	Inga	fagi	6.50	0.0033		5.55	8.05
2197	S	8C	MIMO	Inga	fagi	6.60	0.0034		4.60	8.40
2198	S	8C	FLAC	Case	guia	6.60	0.0034	11.5	4.16	8.70
2199	S	8C	FLAC	Case	guia	8.40	0.0055	11.5	4.10	8.90
2200	S	8C	MIMO	Inga	fagi	12.80	0.0129		3.30	9.60
2201	S	8C	FLAC	Case	guia	8.80	0.0061	10.0	3.82	4.85
2202	S	8C	MALP	Byrs	cori	20.30	0.0324		1.82	4.05
2203	S	8C	BORA	Cord	sulc	9.60	0.0072	12.1	1.52	4.35
2204	S	8C	LAUR	Ocot	cori	7.30	0.0042		2.26	2.30
2205	S	8C	MIMO	Inga	fagi	9.80	0.0075		2.00	1.10
2206	S	8C	MIMO	Inga	fagi	10.00	0.0079		2.82	1.75
2207	S	8C	STER	Guaz	ulmi	29.90	0.0702	15.8	2.55	3.00

APPENDIX I. (Continued)

2208	S	8B	OLEA	Lino	cari	6.20	0.0030	7.29	8.75	3.10	
2209	S	8B	MIMO	Inga	fagi	14.90	0.0174		9.35	5.90	
2210	S	8B	RUBI	Fara	occi	5.10	0.0020	6.07	8.30	6.20	
2211	S	8B	OLEA	Lino	cari	6.00	0.0028		7.54	5.70	
2212	S	8B	NYCT	Guap	frag	27.40	0.0590		7.32	6.85	
2213	S	8B	OLEA	Lino	cari	7.90	0.0049		6.70	9.50	DEAD 7/86
2214	S	8B	CAPP	Capp	indi	6.30	0.0031		3.50	8.90	WITHRW 2/8
2215	S	8B	NYCT	Guap	frag	5.80	0.0026		2.45	8.70	
2216	S	8B	BORA	Bour	succ	10.10	0.0080	6.68	5.62	7.80	
2217	M	8B	NYCT	Guap	frag	5.40	0.0023		0.30	7.85	
2218	M	8B	NYCT	Guap	frag	11.50	0.0104		0.25	7.75	
2219	S	8B	OLEA	Lino	cari	5.20	0.0021		2.81	5.75	
2220	S	8B	PHYT	Tric	octa	6.30	0.0031		3.21	4.80	
2221	M	8B	FLAC	Case	guia	10.60	0.0088	11.5	5.04	4.95	
2222	M	8B	FLAC	Case	guia	7.70	0.0047		5.89	6.05	
2223	S	8B	OLEA	Lino	cari	6.50	0.0033		4.80	3.05	
2224	S	8B	OLEA	Lino	cari	7.90	0.0049	11.5	5.64	1.07	
2225	M	8B	RUTA	Amyr	elem	7.40	0.0043	7.59	6.52	2.40	
2226	M	8B	RUTA	Amyr	elem	7.80	0.0048		6.85	2.60	
2227	S	8B	NYCT	Guap	frag	8.20	0.0053	11.2	6.95	2.70	
2228	S	8B	OLEA	Lino	cari	5.30	0.0022		3.88	2.05	
2229	M	8B	OLEA	Lino	cari	5.40	0.0023		2.52	2.90	
2230	M	8B	OLEA	Lino	cari	6.70	0.0035		2.66	2.85	
2231	S	8B	OLEA	Lino	cari	6.00	0.0028		1.65	2.75	
2232	S	8B	OLEA	Lino	cari	6.60	0.0034		1.68	2.95	
2233	M	8B	OLEA	Lino	cari	7.80	0.0048		2.30	1.50	
2234	M	8B	OLEA	Lino	cari	6.30	0.0031		2.42	1.40	
2235	S	8B	NYCT	Guap	frag	5.40	0.0023		3.05	0.70	
2236	M	8A	MORA	Ficu	trig	25.40	0.0507		8.48	3.20	
2237	M	8A	MORA	Ficu	trig	32.00	0.0804	11.5	8.70	2.80	
2238	M	8A	MORA	Ficu	trig	33.00	0.0855		9.45	3.05	
2239	S	8A	OLEA	Lino	cari	5.50	0.0024		9.95	6.00	
2240	S	8A	NYCT	Guap	frag	8.80	0.0061		9.20	6.25	
2241	M	8A	CAPP	Capp	indi	6.60	0.0034		8.82	6.10	
2242	M	8A	CAPP	Capp	indi	5.30	0.0022	6.38	8.82	6.40	
2243	S	8A	OLEA	Lino	cari	4.60	0.0017		7.30	7.10	
2244	S	8A	OLEA	Lino	cari	6.90	0.0037		7.98	7.60	
2245	S	8A	OLEA	Lino	cari	6.20	0.0030		2.00	9.10	DEAD 3/86
2246	M	8A	CAPP	Mori	amer	6.20	0.0030		3.50	8.90	WITRW 2/87
2247	M	8A	CAPP	Mori	amer	5.90	0.0027		3.00	8.80	
2248	S	8A	OLEA	Lino	cari	7.40	0.0043		0.50	7.25	
2249	S	8A	BORA	Cord	alli	16.30	0.0209		3.25	6.80	
2250	S	8A	MYRT	Euge	mont	10.40	0.0085		2.95	5.80	
2251	S	8A	OLEA	Lino	cari	9.70	0.0074		2.72	6.90	DEAD 7/86
2252	S	8A	OLEA	Lino	cari	6.40	0.0032		3.40	6.10	
2253	S	8A	MYRT	Euge	mont	12.60	0.0125		4.97	6.30	
2254	S	8A	OLEA	Lino	cari	6.90	0.0037		4.92	5.40	
2255	S	8A	OLEA	Lino	cari	5.70	0.0026		5.40	3.20	
2256	S	8A	OLEA	Lino	cari	7.70	0.0047		5.62	3.30	
2257	M	8A	CAPP	Mori	amer	9.50	0.0071	7.59	5.82	3.50	

APPENDIX I. (Continued)

2258	M	8A	CAPP	Mori	amer	5.00	0.0020		5.75	3.70	
2259	M	8A	CAPP	Mori	amer	6.80	0.0036		6.67	3.25	
2260	M	8A	CAPP	Capp	cyno	6.20	0.0030	4.86	7.05	2.30	
2261	M	8A	CAPP	Capp	cyno	6.60	0.0034		7.85	2.65	
2262	M	8A	NYCT	Guap	frag	42.90	0.1445		7.99	0.25	
2750	M	8A	NYCT	Guap	frag	13.50	0.0143		8.32	0.21	
2263	S	8A	OLEA	Lino	cari	9.70	0.0074		4.15	0.90	
2264	S	8A	NYCT	Guap	frag	14.40	0.0163		2.30	1.40	
2265	S	8A	RHAM	Krug	ferr	10.30	0.0083	7.29	1.45	1.90	
2266	S	8A	MIMO	Acac	muri	20.70	0.0337		0.57	1.75	
2267	M	8A	CELA	Mayt	elli	13.00	0.0133	12.1	0.82	0.80	
2268	M	8A	CELA	Mayt	elli	19.10	0.0287		0.82	0.65	
2269	M	8A	CELA	Mayt	elli	23.60	0.0437		0.82	0.50	
2270	M	8A	CELA	Mayt	elli	11.50	0.0104		0.79	0.20	
2271	M	9A	CLUS	Clus	rose	31.80	0.0794	12.4	1.15	2.10	VINE
2271a	M	9A	CLUS	Clus	rose	7.50	0.0044		1.42	1.40	
2751	M	9A	CLUS	Clus	rose	12.40	0.0121		1.87	3.10	
2272	S	9A	OLEA	Lino	cari	6.60	0.0034		1.42	1.40	
2273	S	9A	RHAM	Krug	ferr	5.00	0.0020	7.29	2.45	0.04	
2274	S	9A	LAUR	Ocot	cori	5.40	0.0023		2.70	2.05	
2275	S	9A	LAUR	Ocot	cori	6.00	0.0028		2.45	4.05	
2276	S	9A	NYCT	Guap	frag	6.40	0.0032		1.46	4.20	
2277	S	9A	OLEA	Lino	cari	7.60	0.0045		1.92	5.35	
2278	S	9A	FLAC	Case	guia	7.50	0.0044	8.51	1.01	7.05	
2279	S	9A	MYRT	Pime	race	6.20	0.0030		0.78	7.95	
2280	S	9A	OLEA	Lino	cari	5.00	0.0020	5.77	1.19	7.55	
2281	S	9A	VERB	Cith	frut	13.00	0.0133	13.3	1.21	7.65	SICK 3/86
2282	S	9A	MYRT	Pime	race	5.20	0.0021		2.75	5.20	
2283	S	9A	RHAM	Krug	ferr	9.00	0.0064	8.51	3.40	4.30	
2284	S	9A	NYCT	Guap	frag	10.00	0.0079		2.80	7.15	
2285	S	9A	MYRS	Ardi	obov	5.60	0.0025		2.90	9.00	
2286	S	9A	NYCT	Guap	frag	9.50	0.0071		4.25	6.90	SICK 3/86
2287	S	9A	OLEA	Lino	cari	6.70	0.0035		6.06	2.30	
2288	S	9A	BORA	Bour	succ	16.20	0.0206	8.51	6.10	2.45	SICK 3/86
2289	S	9A	NYCT	Guap	frag	7.70	0.0047		1.50	6.72	
2290	S	9A	CAPP	Capp	cyno	10.00	0.0079	4.55	8.22	0.07	
2291	S	9A	NYCT	Guap	frag	8.40	0.0055		8.76	0.21	
2292	S	9A	NYCT	Guap	frag	14.90	0.0174		9.22	0.15	
2293	S	9A	VERB	Cith	frut	12.10	0.0115	7.59	9.52	2.70	
2294	S	9A	NYCT	Guap	frag	7.40	0.0043		5.30	3.80	
2295	S	9A	FABA	Sabi	flor	6.50	0.0033	6.38	6.09	4.10	
2296	S	9A	NYCT	Guap	frag	24.30	0.0464		8.62	4.55	
2297	S	9A	NYCT	Guap	frag	17.00	0.0227		6.45	8.20	
2298	S	9A	NYCT	Guap	frag	5.20	0.0021		7.10	7.50	
2299	S	9A	LAUR	Ocot	cori	6.00	0.0028		9.01	7.65	
2300	S	9A	PALM	Cocc	alta	9.00	0.0064	12.7	4.50	8.85	
2301	S	9B	NYCT	Guap	frag	7.90	0.0049		0.82	0.75	
2302	S	9B	CAPP	Capp	cyno	9.70	0.0074		1.09	1.25	SICK7/86
2303	S	9B	MYRS	Ardi	obov	10.50	0.0087		2.96	0.70	WIRW 2/87
2304	M	9B	LAUR	Ocot	cori	20.90	0.0343		2.61	2.85	

APPENDIX I. (Continued)

2305	M	9B	LAUR	Ocot	cori	7.50	0.0044		2.61	3.10
2306	S	9B	MYRS	Ardi	obov	9.30	0.0068	8.81	3.35	2.70
2307	S	9B	MIMO	Inga	fagi	17.30	0.0235		5.21	1.75
2308	S	9B	BORA	Cord	alli	15.40	0.0186	14.8	7.62	0.56
2309	S	9B	MIMO	Inga	fagi	9.40	0.0069		8.30	0.40
2310	S	9B	CAPP	Capp	cyno	6.10	0.0029	5.77	9.30	0.56
2311	S	9B	LAUR	Ocot	cori	6.70	0.0035		9.85	2.00
2312	S	9B	MIMO	Inga	fagi	6.50	0.0033	7.90	8.60	2.00
2313	S	9B	MIMO	Inga	fagi	12.70	0.0127		7.55	2.20
2314	S	9B	LAUR	Ocot	cori	9.60	0.0072		5.85	4.05
2315	S	9B	NYCT	Guap	frag	5.80	0.0026		5.80	4.15
2316	M	9B	MYRS	Ardi	obov	5.90	0.0027		0.35	5.70
2317	M	9B	MYRS	Ardi	obov	9.50	0.0071		0.60	5.15
2318	S	9B	OLEA	Lino	cari	6.40	0.0032	8.81	3.00	6.45
2319	S	9B	MYRT	Pime	race	7.40	0.0043		3.20	6.20
2320	S	9B	MIMO	Inga	fagi	11.70	0.0108		3.25	6.75
2321	S	9B	MYRT	Pime	race	15.90	0.0199		4.00	7.10
2322	S	9B	MIMO	Inga	fagi	8.50	0.0057		3.25	9.30
2323	S	9B	MIMO	Inga	fagi	12.40	0.0121		4.95	8.90
2324	S	9B	LAUR	Ocot	cori	10.30	0.0083		6.80	5.20
2325	S	9B	MIMO	Inga	fagi	5.30	0.0022		6.60	6.85
2326	S	9B	BORA	Cord	sulc	11.90	0.0111	13.3	8.05	3.40
2327	S	9B	LAUR	Ocot	cori	8.10	0.0052		9.20	3.00
2328	S	9B	MIMO	Inga	fagi	6.30	0.0031		8.52	5.80
2329	S	9B	VERB	Cith	frut	9.10	0.0065	10.6	8.70	9.20
2752	S	9B	RUBI	Fara	occi	5.10	0.0020	5.77	1.50	7.25
2330	S	9C	MIMO	Inga	fagi	6.70	0.0035		1.40	0.25
2331	S	9C	BORA	Cord	sulc	9.70	0.0074	12.4	3.92	0.62
2332	S	9C	MALP	Byrs	cori	19.80	0.0308	17.9	4.45	0.50
2333	S	9C	MIMO	Inga	fagi	6.50	0.0033		4.85	1.40
2334	S	9C	MYRT	Pime	race	13.60	0.0145	13.0	4.13	2.85
2335	S	9C	MALP	Byrs	cori	9.40	0.0069		3.62	3.95
2336	S	9C	MIMO	Inga	fagi	14.30	0.0161		1.40	7.70
2337	S	9C	MALP	Byrs	cori	21.60	0.0366		2.30	8.20
2338	S	9C	MALP	Byrs	cori	15.60	0.0191		2.20	9.40
2339	S	9C	MIMO	Inga	fagi	5.50	0.0024		5.01	6.20
2340	M	9C	MALP	Byrs	cori	18.90	0.0281		5.30	6.35
2341	M	9C	MALP	Byrs	cori	13.00	0.0133		5.30	6.70
2342	M	9C	MALP	Byrs	cori	17.90	0.0252		6.40	2.70
2343	M	9C	MALP	Byrs	cori	15.40	0.0186		6.42	3.00
2344	S	9C	BORA	Cord	sulc	10.00	0.0079	11.5	1.30	2.95
2345	S	9C	MIMO	Inga	fagi	7.10	0.0040	10.0	6.25	5.25
2346	S	9C	NYCT	Guap	frag	5.30	0.0022		8.00	4.55
2347	M	9C	MYRT	Pime	race	10.20	0.0082		8.20	5.40
2348	M	9C	MYRT	Pime	race	10.70	0.0090		8.20	5.30
2349	S	9C	MIMO	Inga	fagi	6.30	0.0031	9.11	8.00	8.35
2350	S	9C	MIMO	Inga	fagi	6.20	0.0030		7.00	8.75
2351	M	9C	MALP	Byrs	cori	11.80	0.0109		6.90	8.90
2352	M	9C	MALP	Byrs	cori	13.00	0.0133		7.15	9.05
2753	S	9C	BIGN	Tabe	hete	5.10	0.0020	7.29	8.85	0.27

APPENDIX I. (Continued)

2353	S	9D	NYCT	Guap	frag	5.20	0.0021		1.32	0.04	
2354	S	9D	MIMO	Inga	fagi	10.90	0.0093		1.25	1.65	
2355	S	9D	MIMO	Inga	fagi	5.70	0.0026	7.59	2.45	7.80	
2356	S	9D	MALP	Byrs	cori	26.50	0.0552	20.6	3.08	9.10	
2357	S	9D	MIMO	Inga	fagi	7.30	0.0042		2.95	9.70	
2358	S	9D	MALP	Byrs	cori	6.90	0.0037		3.60	9.75	
2359	S	9D	MIMO	Inga	fagi	5.10	0.0020		3.15	8.55	
2360	S	9D	MIMO	Inga	fagi	5.30	0.0022		3.20	8.15	
2361	S	9D	MYRT	Pime	race	8.60	0.0058		5.50	8.30	
2362	S	9D	MALP	Byrs	cori	8.50	0.0057		6.25	9.75	
2363	S	9D	RUTA	Zant	mart	12.50	0.0123	17.3	7.90	9.65	
2364	S	9D	STER	Guaz	ulmi	15.30	0.0184	15.5	9.20	8.60	
2365	S	9D	MALP	Byrs	cori	27.30	0.0585		7.80	7.35	
2366	S	9D	RUBI	Guet	scab	5.50	0.0024	9.72	8.16	7.45	
2367	S	9D	MIMO	Inga	fagi	7.00	0.0038		8.30	7.85	
2368	S	9D	MIMO	Inga	fagi	7.90	0.0049		8.20	5.90	
2369	S	9D	FABA	Andi	iner	8.10	0.0052	8.51	8.70	3.90	
2370	S	9D	MIMO	Inga	fagi	7.10	0.0040		9.05	2.00	
2371	S	9D	MALP	Byrs	cori	23.00	0.0415		9.10	0.30	
2372	S	9E	MALP	Byrs	cori	18.90	0.0281		0.35	2.50	
2373	S	9E	MALP	Byrs	cori	24.60	0.0475	19.7	1.20	1.30	
2374	S	9E	MIMO	Inga	fagi	10.90	0.0093		1.60	1.85	
2375	S	9E	MALP	Byrs	cori	21.30	0.0356		1.79	0.20	
2376	S	9E	MIMO	Inga	fagi	10.40	0.0085		2.85	1.40	
2377	S	9E	NYCT	Guap	frag	5.70	0.0026		3.40	0.45	SICK 3/86
2378	S	9E	MIMO	Inga	fagi	19.40	0.0296		5.20	0.62	
2379	S	9E	MYRT	Pime	race	11.80	0.0109		5.45	3.55	
2380	S	9E	MYRT	Pime	race	6.20	0.0030	8.81	2.35	6.35	
2381	S	9E	MIMO	Inga	fagi	12.90	0.0131		1.90	6.60	
2382	S	9E	MYRT	Pime	race	9.50	0.0071		1.13	9.30	
2383	S	9E	STER	Guaz	ulmi	18.00	0.0254	16.1	2.00	8.40	
2384	S	9E	MYRT	Pime	race	16.70	0.0219		4.50	5.60	
2385	S	9E	MYRT	Pime	race	5.40	0.0023		7.65	2.45	
2386	S	9E	MYRT	Pime	race	15.60	0.0191		7.70	3.75	
2387	S	9E	BIGN	Tabe	hete	43.50	0.1486	25.8	8.50	4.50	
2388	S	9E	RUTA	Zant	mart	9.30	0.0068	15.8	9.20	4.15	
2389	S	9E	MYRT	Pime	race	6.30	0.0031		8.91	5.80	
2390	S	9E	MYRT	Pime	race	10.40	0.0085		9.90	6.35	
2391	S	9E	MYRT	Pime	race	9.30	0.0068		9.00	8.00	
2392	S	9E	MYRT	Pime	race	6.00	0.0028		7.10	7.15	
2393	S	9E	MYRT	Pime	race	23.60	0.0437		6.70	9.55	
2394	S	9E	MYRT	Pime	race	20.20	0.0320		8.60	9.50	
2395	M	9F	MYRT	Pime	race	24.90	0.0487		1.40	9.30	
2396	M	9F	MYRT	Pime	race	14.10	0.0156		1.55	9.15	
2397	S	9F	MYRT	Pime	race	15.70	0.0194		2.20	9.20	
2398	S	9F	MYRT	Pime	race	5.40	0.0023		0.60	6.50	
2399	S	9F	MYRT	Pime	race	6.00	0.0028		0.35	4.55	
2400	S	9F	RUTA	Zant	mart	9.40	0.0069	15.5	0.40	2.85	
2401	S	9F	MYRT	Pime	race	5.30	0.0022		3.01	2.90	
2402	S	9F	RUTA	Zant	mart	9.40	0.0069	19.1	4.85	2.60	

APPENDIX I. (Continued)

2403	S	9F	ARAL	Didy	moro	15.90	0.0199	15.5	8.00	0.62
2404	S	9F	RUBI	Fara	occi	7.40	0.0043	5.16	7.75	4.30
2405	S	9F	STER	Guaz	ulmi	20.20	0.0320	17.6	7.70	6.35
2406	S	9F	LAUR	Ocot	cori	11.80	0.0109	13.3	5.60	7.60
2407	S	9F	RUBI	Fara	occi	5.40	0.0023	3.64	5.95	7.30
2408	S	9F	LAUR	Ocot	cori	6.90	0.0037		7.40	8.50
2409	S	9F	ARAL	Didy	moro	12.50	0.0123	15.5	7.85	8.85
2410	S	9F	MYRT	Pime	race	6.50	0.0033		9.10	8.90
2411	S	9F	MYRT	Pime	race	9.20	0.0066		8.85	7.05
2412	S	9F	LAUR	Ocot	cori	11.00	0.0095	12.7	9.60	6.45
2413	S	9G	RUTA	Zant	mart	5.80	0.0026	9.42	1.20	1.15
2414	S	9G	MIMO	Inga	fagi	9.50	0.0071		4.40	4.30
2415	S	9G	MORA	Ficu	citr	9.30	0.0068	10.6	4.65	6.80
2416	S	9G	RUBI	Fara	occi	5.00	0.0020	7.29	4.40	7.70
2417	S	9G	MIMO	Inga	fagi	8.00	0.0050		3.95	7.90
2418	S	9G	RUBI	Fara	occi	6.00	0.0028	4.55	3.90	8.25
2419	S	9G	MIMO	Inga	fagi	20.30	0.0324	14.5	4.40	8.95
2420	S	9G	MIMO	Inga	fagi	6.00	0.0028		7.20	4.60
2421	S	9G	MALP	Byrs	cori	39.20	0.1207		7.05	2.60
2422	S	9G	LAUR	Ocot	cori	8.80	0.0061		7.10	0.50
2423	S	9G	MIMO	Inga	fagi	6.60	0.0034		8.80	1.90
2424	S	9G	STER	Guaz	ulmi	20.70	0.0337	14.2	8.70	2.60
2425	S	9G	NYCT	Guap	frag	8.50	0.0057		9.50	2.65
2426	S	9G	MIMO	Inga	fagi	7.70	0.0047		9.30	6.55
2427	S	9G	FLAC	Case	guia	6.80	0.0036	6.68	8.85	6.90
2428	S	9G	MYRS	Ardi	obov	6.10	0.0029	7.59	7.30	8.95
2429	S	9G	MIMO	Inga	fagi	9.10	0.0065		7.92	8.90
2430	M	9G	MYRT	Pime	race	6.10	0.0029		8.90	8.80
2431	M	9G	MYRT	Pime	race	6.10	0.0029		9.10	8.70
2432	S	9G	MIMO	Inga	fagi	8.70	0.0059		9.25	8.50
2433	M	9H	LAUR	Ocot	cori	10.20	0.0082		1.80	9.25
2434	M	9H	LAUR	Ocot	cori	11.00	0.0095		1.75	9.45
2435	S	9H	MIMO	Inga	fagi	8.90	0.0062		1.10	4.60
2436	M	9H	MALP	Byrs	cori	19.20	0.0290		1.85	2.85
2437	M	9H	MALP	Byrs	cori	23.00	0.0415		1.95	3.00
2438	S	9H	MALP	Byrs	cori	19.30	0.0293		5.00	4.40
2439	S	9H	MALP	Byrs	cori	23.20	0.0423		6.00	3.80
2440	S	9H	LAUR	Ocot	cori	11.10	0.0097		6.40	6.55
2441	S	9H	LAUR	Ocot	cori	12.70	0.0127		7.05	4.90
2442	S	9H	RUBI	Guet	scab	9.10	0.0065	12.7	8.10	7.10
2443	M	9H	MYRS	Ardi	obov	12.40	0.0121		7.40	8.05
2444	M	9H	MYRS	Ardi	obov	8.50	0.0057		7.50	8.05
2445	M	9H	MYRS	Ardi	obov	5.30	0.0022		7.80	7.90
2446	M	9H	MYRS	Ardi	obov	8.10	0.0052		7.85	8.20
2447	M	9H	MYRS	Ardi	obov	8.00	0.0050	9.11	8.00	8.25
2448	S	9H	MYRS	Ardi	obov	6.10	0.0029		9.90	9.55
2449	S	9I	MYRT	Pime	race	10.50	0.0087	10.9	0.95	8.45
2450	S	9I	LAUR	Ocot	cori	6.70	0.0035	9.72	3.20	7.55
2451	S	9I	LAUR	Ocot	cori	8.60	0.0058	9.72	2.90	6.75
2452	S	9I	MYRS	Ardi	obov	5.30	0.0022	8.81	0.10	6.85

APPENDIX I. (Continued)

2453	S	9I	MYRS	Ardi	obov	5.10	0.0020		3.05	5.20	
2454	S	9I	MYRS	Ardi	obov	5.00	0.0020		1.15	2.40	
2455	S	9I	MYRT	Pime	race	6.00	0.0028		0.50	0.15	
2456	S	9I	NYCT	Guap	frag	6.30	0.0031	10.3	1.10	0.10	
2457	S	9I	RUBI	Guet	scab	15.90	0.0199	14.2	1.50	0.20	
2458	S	9I	MALP	Byrs	cori	35.90	0.1012		5.55	1.55	
2459	S	9I	MYRS	Ardi	obov	6.20	0.0030		4.70	5.10	
2460	S	9I	ARAL	Didy	moro	7.70	0.0047	9.72	4.80	6.75	
2461	S	9I	MALP	Byrs	cori	10.20	0.0082		5.40	9.50	
2462	S	9I	MIMO	Inga	fagi	21.50	0.0363		6.05	6.05	SICK 3/86
2463	S	9I	THEA	Tern	pedu	12.10	0.0115	11.5	6.30	3.75	
2464	M	9I	MYRS	Ardi	obov	5.20	0.0021		5.95	3.60	
2465	M	9I	MYRS	Ardi	obov	6.50	0.0033		6.00	3.60	
2466	S	9I	MYRT	Myrc	citr	7.30	0.0042	6.68	7.85	0.85	
2467	S	9I	MYRT	Myrc	citr	5.50	0.0024	6.38	9.80	2.75	
2468	S	9I	MALP	Byrs	cori	11.40	0.0102		9.50	3.75	
2469	S	9I	MYRT	Pime	race	6.40	0.0032		8.40	3.80	
2470	S	9I	MIMO	Inga	fagi	13.20	0.0137		8.90	7.45	
2471	S	9I	MALP	Byrs	cori	15.40	0.0186		9.80	7.45	
2472	S	9I	MIMO	Inga	fagi	5.30	0.0022		9.75	7.25	
2473	S	9I	MYRS	Ardi	obov	6.50	0.0033		0.75	0.45	
2474	S	9J	AQUI	Ilex	urba	19.20	0.0290		2.00	8.95	SICK 7/86
2475	S	9J	MYRT	Myrc	citr	6.70	0.0035	8.20	2.15	8.50	
2476	S	9J	MIMO	Inga	fagi	8.20	0.0053		3.00	3.75	
2477	S	9J	AQUI	Ilex	urba	14.80	0.0172	12.7	1.95	2.65	
2478	S	9J	BIGN	Tabe	hete	37.10	0.1081	16.1	2.15	2.20	
2479	S	9J	MYRS	Ardi	obov	7.60	0.0045		0.95	0.15	
2480	S	9J	MYRT	Pime	race	5.90	0.0027		2.25	0.60	
2481	S	9J	MYRT	Pime	race	10.00	0.0079		3.35	1.90	
2482	S	9J	MALP	Byrs	cori	17.90	0.0252		3.95	1.25	
2483	S	9J	MALP	Byrs	cori	15.30	0.0184		4.90	2.35	
2484	S	9J	MYRT	Pime	race	6.20	0.0030		4.45	4.25	
2485	S	9J	MYRT	Pime	race	11.20	0.0099		4.60	5.25	
2486	S	9J	MIMO	Inga	fagi	9.20	0.0066		5.00	5.10	
2487	S	9J	MYRT	Pime	race	5.20	0.0021		4.20	8.30	
2488	S	9J	MALP	Byrs	cori	13.90	0.0152		4.45	8.20	
2489	S	9J	MIMO	Inga	fagi	10.10	0.0080		5.80	6.65	
2490	S	9J	MALP	Byrs	cori	26.50	0.0552	14.2	8.00	5.60	
2491	S	9J	MALP	Byrs	cori	9.20	0.0066		7.70	3.65	
2492	S	9J	MIMO	Inga	fagi	6.30	0.0031		8.25	4.20	
2493	S	9J	MIMO	Inga	fagi	5.20	0.0021		8.45	4.00	
2494	S	9J	MALP	Byrs	cori	18.40	0.0266		6.15	2.15	
2495	S	9J	MIMO	Inga	fagi	6.00	0.0028		7.35	1.80	SICK 3/86
2496	S	9J	MYRT	Myrc	citr	5.10	0.0020	6.38	8.15	7.05	
2497	S	9J	MIMO	Inga	fagi	5.00	0.0020		2.25	9.05	
2498	S	9J	MALP	Byrs	cori	13.50	0.0143		8.65	8.40	
2499	S	9J	OLEA	Lino	cari	9.30	0.0068		9.70	8.50	
2754	S	9J	MYRT	Myrc	citr	5.00	0.0020		6.50	4.60	
2755	S	9J	MYRT	Pime	race	5.00	0.0020		6.70	1.50	
2500	S	10J	AQUI	Ilex	urba	12.40	0.0121	11.5	9.40	9.50	

APPENDIX I. (Continued)

2501	S	10J	MYRT	Pime	race	11.60	0.0106		9.85	9.00	
2502	S	10J	NYCT	Guap	frag	5.80	0.0026		9.00	9.85	
2503	S	10J	MIMO	Inga	fagi	5.90	0.0027		8.70	8.80	
2504	S	10J	BIGN	Tabe	hete	7.80	0.0048	11.2	7.90	8.10	
2505	S	10J	MYRT	Pime	race	7.00	0.0038		8.25	8.50	
2506	S	10J	MYRT	Pime	race	6.80	0.0036		9.90	7.95	
2507	S	10J	ARAL	Didy	moro	17.50	0.0241	15.1	8.55	6.20	
2508	S	10J	MIMO	Inga	fagi	7.40	0.0043		7.90	4.90	
2509	S	10J	MIMO	Inga	fagi	10.00	0.0079		6.75	5.50	
2510	S	10J	AQUI	Ilex	urba	6.00	0.0028	7.90	7.10	4.45	
2511	S	10J	MIMO	Inga	fagi	6.00	0.0028		8.50	4.95	
2512	S	10J	NYCT	Guap	frag	9.70	0.0074	8.81	7.52	1.65	
2513	S	10J	NYCT	Guap	frag	9.30	0.0068		8.00	1.40	
2514	M	10J	MYRT	Pime	race	10.60	0.0088		8.85	0.62	
2515	M	10J	MYRT	Pime	race	7.20	0.0041		8.90	0.75	
2516	M	10J	MYRT	Pime	race	5.10	0.0020		6.70	1.25	
2517	M	10J	MYRT	Pime	race	5.40	0.0023		6.60	1.35	
2518	S	10J	MYRT	Pime	race	7.40	0.0043		5.85	3.15	
2519	S	10J	MYRT	Pime	race	7.10	0.0040		6.80	5.95	
2520	S	10J	MYRT	Pime	race	8.40	0.0055		7.05	8.55	
2521	S	10J	MYRS	Ardi	obov	5.50	0.0024	6.38	3.55	9.00	
2522	S	10J	MALP	Byrs	cori	12.90	0.0131		3.40	9.05	
2523	S	10J	NYCT	Guap	frag	16.30	0.0209		3.60	7.80	
2524	S	10J	BIGN	Tabe	hete	12.20	0.0117	12.4	4.42	7.70	
2525	S	10J	MIMO	Acac	muri	17.80	0.0249	17.3	3.75	6.45	
2526	S	10J	MALP	Byrs	cori	11.20	0.0099		4.25	2.80	
2527	S	10J	MALP	Byrs	cori	6.20	0.0030		3.70	3.05	
2528	S	10J	THEA	Tern	pedu	15.00	0.0177	10.3	3.62	2.10	DEAD 3/86
2529	S	10J	MALP	Byrs	cori	17.20	0.0232		4.42	1.25	
2530	S	10J	MIMO	Inga	fagi	11.10	0.0097		4.72	0.09	
2531	S	10J	MYRT	Pime	race	5.50	0.0024		4.72	0.20	
2532	S	10J	MYRT	Myrc	citr	6.80	0.0036	6.07	2.60	0.04	
2533	S	10J	MALP	Byrs	cori	8.30	0.0054		1.60	0.10	
2534	S	10J	MYRT	Pime	race	6.40	0.0032		0.75	2.40	
2535	S	10J	MYRT	Pime	race	5.60	0.0025		0.80	4.80	
2536	S	10J	BIGN	Tabe	hete	7.60	0.0045	10.6	2.55	6.75	
2537	S	10J	MYRS	Ardi	obov	9.60	0.0072		1.25	6.95	
2538	M	10J	CELA	Mayt	elli	10.10	0.0080		1.00	6.75	
2539	M	10J	CELA	Mayt	elli	18.00	0.0254	11.2	0.75	6.85	
2540	S	10J	BIGN	Tabe	hete	18.10	0.0257		0.70	7.75	
2756	S	10J	NYCT	Guap	frag	5.20	0.0021		0.90	8.65	
2541	S	10I	CAPP	Capp	cyno	9.60	0.0072	7.59	9.00	8.10	
2542	M	10I	CAPP	Capp	cyno	7.70	0.0047		6.60	9.95	
2543	M	10I	CAPP	Capp	cyno	5.90	0.0027	4.25	6.55	9.90	
2544	S	10I	MYRT	Pime	race	5.80	0.0026		5.45	8.25	
2545	S	10I	BIGN	Tabe	hete	22.10	0.0384	20.0	6.00	7.75	
2546	S	10I	BIGN	Tabe	hete	23.60	0.0437		7.00	7.10	
2547	S	10I	MALP	Byrs	cori	15.50	0.0189		7.00	6.55	
2548	S	10I	MALP	Byrs	cori	10.30	0.0083		7.60	6.65	
2549	S	10I	MYRS	Ardi	obov	5.10	0.0020	8.20	7.15	6.70	

APPENDIX I. (Continued)

2550	S	10I	MALP	Byrs	cori	20.10	0.0317		7.70	5.35	
2551	S	10I	MIMO	Inga	fagi	12.20	0.0117		7.75	4.40	
2552	S	10I	NYCT	Guap	frag	6.00	0.0028		8.45	4.35	
2553	S	10I	MYRT	Pime	race	5.30	0.0022		8.90	1.75	
2554	S	10I	MYRT	Pime	race	6.20	0.0030		7.95	2.00	
2555	S	10I	MALP	Byrs	cori	20.20	0.0320		8.50	0.95	
2556	S	10I	MYRT	Myrc	citr	5.60	0.0025	6.38	9.50	0.85	
2557	S	10I	BIGN	Tabe	hete	26.80	0.0564		4.80	1.55	
2558	S	10I	LAUR	Ocot	cori	10.80	0.0092	9.42	4.70	4.75	
2559	S	10I	MALP	Byrs	cori	5.70	0.0026		5.20	6.15	
2560	S	10I	MYRS	Ardi	obov	5.10	0.0020		6.00	7.65	
2561	S	10I	MYRT	Myrc	citr	5.60	0.0025	8.81	5.00	7.85	
2562	S	10I	NYCT	Guap	frag	5.70	0.0026		4.05	9.20	
2563	S	10I	MALP	Byrs	cori	14.40	0.0163		3.50	3.45	
2564	M	10I	LAUR	Ocot	cori	8.70	0.0059		1.55	7.25	
2565	M	10I	LAUR	Ocot	cori	5.00	0.0020		1.50	7.15	
2566	S	10I	MYRS	Ardi	obov	6.20	0.0030		1.30	7.20	
2567	S	10I	MYRS	Ardi	obov	11.10	0.0097		0.45	7.80	
2568	M	10I	MYRS	Ardi	obov	7.50	0.0044		0.35	4.70	
2569	M	10I	MYRS	Ardi	obov	5.10	0.0020		0.55	4.45	
2570	S	10I	MIMO	Inga	fagi	12.30	0.0119		2.90	2.10	
2571	S	10I	MYRT	Myrc	citr	8.10	0.0052	9.72	2.30	1.55	
2572	M	10I	AQUI	Ilex	urba	6.00	0.0028		2.85	0.50	
2573	M	10I	AQUI	Ilex	urba	5.00	0.0020	9.11	3.10	0.55	
2574	M	10H	MALP	Byrs	cori	22.70	0.0405		9.90	0.60	
2575	M	10H	MALP	Byrs	cori	8.20	0.0053		9.85	1.00	
2576	S	10H	BIGN	Tabe	hete	31.20	0.0765		9.65	4.00	
2577	S	10H	MYRS	Ardi	obov	8.00	0.0050		9.20	6.85	
2578	S	10H	MYRS	Ardi	obov	7.30	0.0042		8.30	6.65	
2579	S	10H	MIMO	Inga	fagi	15.50	0.0189		9.70	8.40	
2580	S	10H	MYRS	Ardi	obov	7.50	0.0044		9.70	9.80	
2581	S	10H	THEA	Tern	pedu	17.40	0.0238	9.72	7.50	9.85	
2582	S	10H	LAUR	Ocot	cori	8.80	0.0061		7.15	9.00	
2583	M	10H	MYRS	Ardi	obov	4.80	0.0018		6.95	8.80	
2584	M	10H	MYRS	Ardi	obov	5.60	0.0025		7.05	8.80	
2585	S	10H	MALP	Byrs	cori	20.70	0.0337		7.15	6.15	
2586	S	10H	MYRS	Ardi	obov	6.00	0.0028	7.29	8.80	4.45	
2587	S	10H	NYCT	Guap	frag	30.60	0.0735		4.25	3.50	
2588	S	10H	EUPH	Dryp	alba	6.00	0.0028		3.50	5.45	SICK 2/87
2589	M	10H	MALP	Byrs	cori	20.40	0.0327		3.25	6.90	
2590	M	10H	MALP	Byrs	cori	15.90	0.0199		3.15	6.70	
2591	S	10H	LAUR	Ocot	cori	10.40	0.0085		5.00	9.85	
2592	S	10H	LAUR	Ocot	cori	9.80	0.0075		3.20	9.90	
2593	M	10H	LAUR	Ocot	cori	6.10	0.0029		1.30	8.00	
2594	M	10H	LAUR	Ocot	cori	6.30	0.0031		1.20	7.95	
2595	S	10H	MALP	Byrs	cori	13.90	0.0152		1.35	6.90	
2596	S	10H	MYRS	Ardi	obov	7.60	0.0045		2.70	2.95	
2597	S	10H	MIMO	Inga	fagi	5.40	0.0023		0.65	3.80	
2598	S	10H	MIMO	Inga	fagi	5.50	0.0024		0.75	0.05	
2599	S	10G	MALP	Byrs	cori	26.00	0.0531		9.55	6.80	

APPENDIX I. (Continued)

2600	S	10G	MIMO	Inga	fagi	5.30	0.0022		8.95	6.25	
2601	S	10G	MALP	Byrs	cori	32.30	0.0819		8.55	5.40	
2602	S	10G	MYRS	Ardi	obov	6.50	0.0033		6.75	7.00	
2603	S	10G	STER	Guaz	ulmi	14.70	0.0170	12.7	6.45	8.85	
2604	S	10G	MYRS	Ardi	obov	6.00	0.0028		5.50	7.70	
2605	S	10G	MIMO	Inga	fagi	15.40	0.0186		3.15	4.80	
2606	S	10G	RUBI	Fara	occi	5.70	0.0026		2.95	4.35	
2607	S	10G	EUPH	Dryp	alba	7.80	0.0048		0.90	4.75	
2608	S	10G	BIGN	Tabe	hete	6.50	0.0033		6.15	2.50	
2609	S	10G	MYRT	Pime	race	5.90	0.0027		6.32	1.50	
2610	S	10G	STER	Guaz	ulmi	23.90	0.0449	16.4	8.25	0.80	
2611	S	10G	MIMO	Inga	fagi	16.90	0.0224		0.21	2.60	
2757	S	10G	RUBI	Fara	occi	5.00	0.0020		3.25	8.05	
2612	S	10F	MIMO	Inga	fagi	9.60	0.0072		8.15	0.75	
2613	S	10F	BORA	Bour	succ	6.80	0.0036	10.6	6.55	0.42	
2614	S	10F	MIMO	Inga	fagi	10.40	0.0085		7.15	1.40	
2615	S	10F	MYRT	Pime	race	22.80	0.0408		8.80	4.95	
2616	S	10F	RUBI	Fara	occi	6.50	0.0033	4.86	7.90	8.00	
2617	S	10F	MIMO	Inga	fagi	9.90	0.0077		6.60	9.51	
2618	S	10F	MALP	Byrs	cori	29.60	0.0688		2.60	9.90	
2619	S	10F	MIMO	Inga	fagi	29.90	0.0702		4.65	2.94	
2620	M	10F	BORA	Cord	sulc	6.70	0.0035	9.72	3.30	0.85	
2621	M	10F	BORA	Cord	sulc	6.00	0.0028		3.10	0.84	
2622	S	10F	LAUR	Ocot	cori	5.60	0.0025		1.95	1.92	
2623	S	10F	MYRT	Pime	race	19.30	0.0293		2.05	3.12	
2624	S	10F	MIMO	Inga	fagi	6.10	0.0029		1.45	4.00	
2625	S	10F	NYCT	Guap	frag	5.80	0.0026		2.80	0.15	DEAD 3/86
2626	S	10F	OLEA	Lino	cari	6.30	0.0031		5.45	5.41	DEAD 7/86
2627	S	10F	RUBI	Fara	occi	5.70	0.0026		1.70	6.56	
2628	S	10E	MYRT	Pime	race	19.60	0.0302		8.75	8.97	
2629	S	10E	MIMO	Inga	fagi	6.10	0.0029		8.90	6.40	
2630	S	10E	STER	Guaz	ulmi	12.70	0.0127		6.20	5.04	DEAD 7/86
2631	S	10E	STER	Guaz	ulmi	24.50	0.0471	19.7	5.15	3.95	
2632	M	10E	MIMO	Inga	fagi	11.70	0.0108		3.50	9.15	
2633	M	10E	MIMO	Inga	fagi	18.80	0.0278		3.30	9.45	
2634	S	10E	MALP	Byrs	cori	6.30	0.0031		3.05	9.10	SICK 3/86
2635	S	10E	EUPH	Dryp	alba	5.20	0.0021	4.86	2.10	7.05	
2636	M	10E	ANAC	Mang	indi	7.60	0.0045		2.10	2.75	
2637	M	10E	ANAC	Mang	indi	16.30	0.0209	10.3	1.85	2.30	
2638	S	10E	MYRT	Pime	race	11.40	0.0102		1.55	0.61	
2639	S	10E	MYRT	Pime	race	18.70	0.0275		0.75	3.03	
2640	S	10E	RUTA	Zant	mart	15.90	0.0199	18.5	9.90	1.50	
2641	S	10D	MYRT	Pime	race	7.60	0.0045		7.80	2.16	
2642	S	10D	ANAC	Mang	indi	5.10	0.0020	3.64	9.60	5.65	
2643	S	10D	ARAL	Didy	moro	14.30	0.0161	13.9	6.20	9.59	
2644	S	10D	STER	Guaz	ulmi	17.10	0.0230	16.4	3.00	1.59	
2645	S	10D	MIMO	Inga	fagi	7.90	0.0049		2.90	2.41	
2646	S	10D	EUPH	Dryp	alba	7.00	0.0038	10.0	2.60	6.00	
2647	S	10D	MIMO	Inga	fagi	8.40	0.0055		1.60	8.85	
2648	S	10D	FLAC	Case	guia	9.20	0.0066	14.2	1.90	9.84	

APPENDIX I. (Continued)

2649	S	10D	MALP	Byrs	cori	9.40	0.0069		1.50	9.79	
2650	S	10D	MYRT	Pime	race	15.40	0.0186		1.30	9.21	
2651	S	10D	MIMO	Inga	fagi	10.50	0.0087		0.15	5.82	
2652	S	10D	LAUR	Ocot	cori	7.90	0.0049		1.20	3.41	DEAD 6/86
2653	S	10D	MIMO	Inga	fagi	6.70	0.0035		1.30	0.78	
2654	S	10D	RUTA	Zant	mart	22.50	0.0398	20.0	0.86	0.20	
2655	S	10D	MIMO	Inga	fagi	8.70	0.0059		1.70	5.87	
2656	S	10D	FABA	Andi	iner	7.70	0.0047	7.90	6.85	2.21	
2657	S	10C	LAUR	Ocot	cori	9.50	0.0071		9.50	2.00	
2658	S	10C	MYRT	Pime	race	7.40	0.0043		9.70	4.20	
2659	S	10C	MIMO	Inga	fagi	10.00	0.0079		8.50	5.62	
2660	S	10C	MIMO	Inga	fagi	9.10	0.0065		8.20	6.82	
2661	S	10C	SAPO	Pout	mult	10.90	0.0093	14.5	6.20	8.99	
2662	S	10C	MALP	Byrs	cori	23.20	0.0423		4.60	8.01	
2663	S	10C	MIMO	Inga	fagi	29.80	0.0697		2.70	9.42	
2664	S	10C	MIMO	Acac	muri	8.30	0.0054	13.0	2.40	8.34	
2665	S	10C	MALP	Byrs	cori	7.60	0.0045		3.70	6.65	
2666	S	10C	MALP	Byrs	cori	15.80	0.0196		8.50	2.72	
2667	S	10C	MALP	Byrs	cori	7.20	0.0041		7.80	2.35	DEAD 6/86
2668	S	10C	MIMO	Inga	fagi	5.50	0.0024	8.20	5.55	2.29	
2669	S	10C	MIMO	Inga	fagi	6.80	0.0036		3.90	2.75	
2670	S	10C	MALP	Byrs	cori	12.80	0.0129		3.50	2.40	
2671	S	10C	STER	Guaz	ulmi	20.30	0.0324	14.5	6.00	6.12	
2672	S	10C	MYRT	Pime	race	14.00	0.0154		5.80	6.70	
2673	S	10C	MIMO	Inga	fagi	6.00	0.0028		1.20	3.21	
2674	S	10C	MALP	Byrs	cori	16.90	0.0224		0.98	1.55	
2675	S	10B	BORA	Cord	sulc	5.60	0.0025	8.20	8.80	1.95	
2676	S	10B	ARAL	Didy	moro	19.70	0.0305	16.7	7.20	5.85	
2677	S	10B	MYRS	Ardi	obov	6.00	0.0028		9.40	4.30	
2678	S	10B	MIMO	Inga	fagi	9.30	0.0068		9.40	6.92	
2679	S	10B	MYRS	Ardi	obov	9.70	0.0074		6.80	6.75	
2680	S	10B	MYRT	Pime	race	8.60	0.0058	10.6	5.30	5.95	
2681	S	10B	MYRS	Ardi	obov	9.90	0.0077		3.45	6.20	
2682	S	10B	OLEA	Lino	cari	25.50	0.0511	16.4	3.70	4.60	
2683	S	10B	MIMO	Inga	fagi	8.60	0.0058		3.90	4.19	
2684	S	10B	MYRS	Ardi	obov	6.30	0.0031		4.90	3.75	
2685	S	10B	MIMO	Inga	fagi	5.40	0.0023		7.25	1.66	
2686	S	10B	MALP	Byrs	cori	11.90	0.0111		7.45	0.90	
2687	S	10B	MYRS	Ardi	obov	10.60	0.0088	9.11	3.10	2.77	
2688	S	10B	LAUR	Ocot	cori	10.60	0.0088		1.32	7.22	
2689	M	10B	MYRS	Ardi	obov	11.50	0.0104		1.17	3.10	
2690	S	10B	BORA	Cord	coll	9.50	0.0071	10.0	0.97	2.85	
2690	M	10B	MYRS	Ardi	obov	5.60	0.0025		1.27	2.90	
2692	S	10B	MYRT	Pime	race	6.90	0.0037		2.65	1.25	
2693	S	10B	OLEA	Lino	cari	13.80	0.0150	11.2	0.50	0.61	
2694	S	10A	MIMO	Inga	fagi	14.40	0.0163		9.80	8.95	
2695	S	10A	LAUR	Ocot	cori	7.10	0.0040	9.42	9.90	8.59	
2696	S	10A	MYRT	Euge	mont	7.50	0.0044	7.90	8.60	7.30	
2697	S	10A	FLAC	Case	deca	6.70	0.0035	7.59	7.25	3.35	
2698	S	10A	MYRS	Ardi	obov	7.30	0.0042	5.47	8.25	0.20	

APPENDIX I. (Continued)

2699	S	10A	NYCT	Guap	frag	6.80	0.0036		6.55	2.81
2700	S	10A	MYRS	Ardi	obov	8.10	0.0052		6.20	4.39
2701	S	10A	MYRS	Ardi	obov	6.30	0.0031	7.29	6.10	4.41
2702	S	10A	MIMO	Inga	fagi	9.90	0.0077		3.50	7.42
2703	S	10A	STER	Guaz	ulmi	17.10	0.0230	12.1	2.50	8.35
2704	S	10A	MIMO	Inga	fagi	6.10	0.0029		3.50	4.54
2705	S	10A	LAUR	Ocot	cori	10.10	0.0080	8.81	1.85	4.21
2706	S	10A	FLAC	Case	guia	6.20	0.0030	8.51	1.20	3.90
2707	M	10A	NYCT	Guap	frag	5.90	0.0027		1.40	1.55
2708	M	10A	NYCT	Guap	frag	8.90	0.0062		1.35	0.92
2709	M	10A	NYCT	Guap	frag	8.10	0.0052	9.42	1.20	0.90
2710	S	10A	MYRS	Ardi	obov	6.40	0.0032		4.90	0.65
2711	S	10A	LAUR	Ocot	cori	7.10	0.0040		3.10	6.61
						2348		31.08		

DATA SHEETS FOR ST. JOHN FOREST DYNAMICS STUDY APPENDIX II.

Date: August, 1987
Plot Number: 2(1A-5J)
Plot Locale: L'Esperance

TAG	STM	SPLT	FAM	SPECIES	DBH85	BA AREA	HGT	X	Y	STATUS
1	S	1A	MYRT	Euge mont	7.20	0.0040	7.9	0.45	2.14	
3	S	1A	RUBI	Guet scab	13.90	0.0151		1.58	2.29	
4	S	1A	RUBI	Fara occi	5.50	0.0023	5.5	2.78	2.40	
5	S	1A	SAPO	Chry pauc	8.10	0.0051		3.98	0.56	
6	S	1A	SAPO	Chry pauc	11.10	0.0096		4.09	3.62	
7	S	1A	ERYT	Eryt rotu	6.00	0.0028		2.08	5.88	
8	S	1A	MYRS	Ardi obov	7.20	0.0040		0.53	8.58	
9	S	1A	RUBI	Guet scab	9.50	0.0070		1.40	9.50	
10	S	1A	ERYT	Eryt rotu	6.20	0.0030		4.10	8.40	
11	S	1A	MIMO	Inga fagi	31.00	0.0754		4.40	7.60	
12	S	1A	ERYT	Eryt rotu	6.20	0.0030		5.92	9.65	
13	S	1A	THYM	Daph amer	9.30	0.0067		6.17	8.75	
14	S	1A	SAPO	Chry pauc	5.30	0.0022		9.20	9.60	
15	S	1A	BORA	Cord alli	12.50	0.0122	8.5	9.10	8.70	
16	S	1A	RUBI	Guet scab	6.90	0.0037		6.50	7.65	
17	S	1A	RUBI	Guet scab	5.90	0.0027	9.7	6.58	7.76	
18	S	1A	MYRT	Myrc citr	9.30	0.0067		7.60	6.10	
19	S	1A	MYRS	Ardi obov	6.00	0.0028		6.78	4.73	
20	S	1A	FLAC	Case sylv	6.80	0.0036	4.3	7.62	4.82	
21	S	1A	LAUR	Ocot cori	5.50	0.0023		9.40	6.02	
22	S	1A	FABA	Andi iner	6.30	0.0031	3.0	8.89	2.90	
23	S	1A	LAUR	Ocot cori	7.40	0.0043		5.28	2.47	
24	S	1A	SAPO	Chry pauc	6.00	0.0028		4.98	0.65	
25	S	1A	THYM	Daph amer	9.20	0.0066	6.1	5.01	1.17	
26	S	1A	FABA	Andi iner	9.50	0.0070		9.80	2.90	
27	S	1A	LAUR	Ocot cori	8.00	0.0050	7.3	8.89	0.99	
28	S	1B	MYRS	Ardi obov	5.40	0.0022		1.80	0.40	
29	S	1B	MYRS	Ardi obov	8.20	0.0052		1.75	0.80	
30	S	1B	FLAC	Case guia	6.50	0.0033	5.2	4.70	0.05	
31	S	1B	MYRS	Ardi obov	6.40	0.0032		4.85	0.15	
32	S	1B	NYCT	Guap frag	30.40	0.0725	4.9	5.45	2.35	
33	S	1B	MYRS	Ardi obov	8.60	0.0058	6.7	5.95	2.26	
34	S	1B	SAPO	Chry pauc	5.80	0.0026		2.92	3.04	
35	S	1B	SAPO	Chry pauc	5.70	0.0025	7.3	3.85	3.70	
36	S	1B	MYRS	Ardi obov	9.60	0.0072		4.21	4.53	
37	S	1B	MYRS	Ardi obov	5.50	0.0023		1.63	3.40	
38	S	1B	MYRT	Myrc flor	8.20	0.0052	7.0	0.90	8.75	
39	S	1B	MYRS	Ardi obov	8.60	0.0058		0.83	9.68	
40	S	1B	MYRS	Ardi obov	8.10	0.0051		9.26	8.90	
41	S	1B	MYRS	Ardi obov	9.50	0.0070		5.80	6.55	
42	S	1B	MYRS	Ardi obov	7.40	0.0043		6.50	5.60	

APPENDIX II. (Continued)

43	S	1B	RUBI	Guet	parv	5.90	0.0027	4.0	6.97	4.75
44	S	1B	MYRS	Ardi	obov	7.80	0.0047		5.78	3.36
45	S	1B	SAPO	Chry	pauc	8.50	0.0056	6.4	9.85	6.11
46	S	1B	MIMO	Inga	fagi	19.30	0.0292		8.42	4.38
47	S	1B	MIMO	Inga	fagi	14.60	0.0167		7.78	2.72
48	S	1B	MYRS	Ardi	obov	8.60	0.0058		8.72	2.90
49	S	1B	LAUR	Ocot	cori	6.40	0.0032		7.90	0.12
50	S	1C	MYRS	Ardi	obov	5.00	0.0019		0.42	1.13
51	S	1C	FABA	Andi	iner	5.50	0.0023	4.9	1.82	0.74
52	S	1C	MYRS	Ardi	obov	5.80	0.0026		2.10	0.67
53	S	1C	LAUR	Ocot	cori	11.30	0.0100		3.31	0.85
54	S	1C	MYRS	Ardi	obov	10.70	0.0089		3.24	1.50
55	S	1C	MYRS	Ardi	obov	6.70	0.0035		3.68	3.34
56	S	1C	MIMO	Inga	fagi	16.20	0.0206		3.72	7.15
57	S	1C	MYRS	Ardi	obov	5.40	0.0022		2.51	6.76
58	S	1C	FABA	Andi	iner	14.20	0.0158		3.15	7.70
59	S	1C	MIMO	Inga	fagi	12.90	0.0130		1.89	9.30
60	S	1C	MIMO	Inga	fagi	13.70	0.0147		3.70	7.84
61	S	1C	SAPO	Chry	pauc	5.30	0.0022		3.20	9.40
62	S	1C	MYRS	Ardi	obov	5.50	0.0023		3.81	9.92
63	S	1C	MYRS	Ardi	obov	8.30	0.0054		4.70	9.95
64	S	1C	MIMO	Inga	fagi	11.70	0.0107		8.25	9.53
65	S	1C	MIMO	Inga	fagi	8.60	0.0058		9.80	9.30
66	S	1C	MYRS	Ardi	obov	5.20	0.0021		9.70	9.00
67	S	1C	MYRT	Myrc	citr	6.30	0.0031	5.8	9.30	5.23
68	S	1C	SAPO	Chry	pauc	13.60	0.0145	10.6	5.75	5.27
69	S	1C	SAPO	Chry	pauc	6.20	0.0030		8.07	3.37
70	S	1C	MIMO	Inga	fagi	10.40	0.0084		9.42	3.42
71	S	1C	MYRT	Myrc	citr	6.60	0.0034		8.20	3.02
72	S	1C	SAPO	Chry	pauc	5.60	0.0024		8.71	1.25
73	S	1C	LAUR	Ocot	cori	12.30	0.0118		8.23	1.45
74	S	1C	MIMO	Inga	fagi	7.10	0.0039		9.62	1.58
75	S	1D	MIMO	Inga	fagi	8.30	0.0054		0.29	1.38
76	S	1D	CAES	Hyme	cour	40.60	0.1294		1.50	0.20
77	M	1D	CAES	Hyme	cour	29.20	0.0669	21.3	2.94	0.78
78	M	1D	CAES	Hyme	cour	36.80	0.1063		3.08	1.18
79	S	1D	LAUR	Ocot	cori	6.00	0.0028		2.50	0.66
80	S	1D	FABA	Andi	iner	6.10	0.0029		2.62	3.00
81	S	1D	SAPI	Meli	biju	12.80	0.0128	11.2	4.50	3.05
82	S	1D	SAPI	Meli	biju	8.80	0.0060	8.2	4.52	3.30
83	S	1D	MYRS	Ardi	obov	6.50	0.0033		2.74	5.60
84	S	1D	MIMO	Inga	fagi	12.70	0.0126		2.56	6.57
85	S	1D	NYCT	Guap	frag	5.60	0.0024		0.06	6.64
86	S	1D	MYRS	Ardi	obov	6.60	0.0034		7.50	8.43
87	S	1D	MYRS	Ardi	obov	6.90	0.0037		6.38	7.90
88	S	1D	MYRS	Ardi	obov	5.10	0.0020		8.90	8.20
89	S	1D	MYRS	Ardi	obov	8.80	0.0060		6.70	4.18
90	S	1D	MYRS	Ardi	obov	6.00	0.0028		8.70	7.12

APPENDIX II. (Continued)

91	S	1D	FABA	Andi	iner	6.10	0.0029	7.9	8.80	4.15	
92	S	1D	FABA	Andi	iner	15.80	0.0196		7.06	2.00	
93	S	1D	SAPO	Chry	pauc	5.60	0.0024		6.64	1.10	
94	S	1D	MYRS	Ardi	obov	7.80	0.0047		8.04	0.64	
95	S	1D	MIMO	Inga	fagi	8.70	0.0059		8.50	0.12	
96	S	1D	MYRS	Ardi	obov	6.50	0.0033		9.20	0.30	
97	S	1D	NYCT	Guap	frag	44.30	0.1541	16.1	9.55	2.47	
98	S	1E	MYRS	Ardi	obov	6.40	0.0032		4.45	0.55	
99	S	1E	MYRS	Ardi	obov	7.80	0.0047		4.70	1.50	
100	S	1E	MYRS	Ardi	obov	8.80	0.0060		3.48	2.90	
101	S	1E	NYCT	Guap	frag	38.30	0.1152		4.00	3.35	
102	S	1E	RUBI	Guet	scab	11.30	0.0100	13.1	5.21	3.50	
103	S	1E	NYCT	Guap	frag	11.70	0.0107		4.90	4.10	
104	S	1E	MYRS	Ardi	obov	6.00	0.0028		1.50	6.00	
105	S	1E	NYCT	Guap	frag	21.50	0.0363		1.55	7.20	
106	S	1E	MIMO	Inga	fagi	6.80	0.0036		0.25	9.25	
107	S	1E	FABA	Andi	iner	8.20	0.0052		8.30	9.20	
108	S	1E	RUBI	Guet	scab	8.90	0.0062	10.0	7.60	9.70	
109	S	1E	MYRS	Ardi	obov	5.60	0.0024		9.90	3.60	
110	S	1E	MYRS	Ardi	obov	5.60	0.0024		9.95	2.90	
111	S	1E	CAES	Hyme	cour	28.80	0.0651		7.00	4.15	
112	S	1E	CAES	Hyme	cour	24.40	0.0467	16.1	6.75	3.90	
113	S	1E	MYRS	Ardi	obov	5.90	0.0027		6.95	2.75	
114	S	1E	MYRS	Ardi	obov	9.80	0.0075		7.25	0.70	
115	S	1F	MYRS	Ardi	obov	5.50	0.0023		0.75	0.75	
116	S	1F	MYRS	Ardi	obov	5.80	0.0026		1.82	1.15	
117	S	1F	MYRS	Ardi	obov	7.70	0.0046		2.75	0.32	
118	S	1F	MYRS	Ardi	obov	6.00	0.0028		3.60	1.17	
119	S	1F	FABA	Andi	iner	5.80	0.0026	3.3	3.10	1.75	
120	S	1F	MYRS	Ardi	obov	8.60	0.0058		4.25	2.40	
121	S	1F	BIGN	Tabe	hete	6.50	0.0033	6.1	1.00	3.55	
122	S	1F	MIMO	Inga	fagi	10.20	0.0081		0.80	4.15	
123	S	1F	LAUR	Ocot	cori	15.70	0.0193		1.80	4.10	
124	S	1F	MYRS	Ardi	obov	10.00	0.0078		4.21	9.35	
125	S	1F	MIMO	Inga	fagi	6.40	0.0032		5.90	7.30	
126	S	1F	FABA	Andi	iner	8.10	0.0051		5.35	5.80	
127	S	1F	THYM	Daph	amer	15.70	0.0193	10.9	6.30	6.90	
128	S	1F	RUTA	Zant	mart	12.70	0.0126	12.2	6.60	7.10	
129	S	1F	FLAC	Case	guia	8.20	0.0052	7.0	6.70	9.20	
130	S	1F	THYM	Daph	amer	5.00	0.0019		7.00	9.50	DEAD 7/86
131	S	1F	MYRS	Ardi	obov	5.50	0.0023	7.3	9.85	9.95	
132	S	1F	BORA	Cord	alli	18.50	0.0268	15.8	8.60	8.05	
133	S	1F	RUBI	Fara	occi	5.80	0.0026	4.3	6.35	4.75	
134	S	1F	MYRS	Ardi	obov	10.30	0.0083		6.00	4.05	
135	S	1F	RUBI	Fara	occi	5.90	0.0027	4.6	5.40	3.60	
136	S	1F	SAPO	Chry	pauc	10.30	0.0083		5.80	2.20	
137	S	1F	MYRS	Ardi	obov	9.50	0.0070		6.55	0.50	
138	S	1F	BIGN	Tabe	hete	14.60	0.0167	11.9	9.82	2.35	

APPENDIX II. (Continued)

139	S	1G	MYRS	Ardi	obov	7.90	0.0049		0.45	2.72	
140	S	1G	MYRS	Ardi	obov	5.10	0.0020		0.85	2.87	
141	S	1G	RUBI	Fara	occi	7.90	0.0049	4.6	2.75	2.10	
142	S	1G	FABA	Andi	iner	8.30	0.0054	7.6	3.58	1.60	
143	S	1G	MYRT	Myrc	flor	8.20	0.0052	8.2	5.00	0.75	
144	S	1G	MYRT	Myrc	flor	5.40	0.0022	6.1	5.45	2.50	
145	S	1G	RUBI	Guet	parv	5.10	0.0020	4.0	4.75	4.40	
146	S	1G	LAUR	Ocot	cori	10.20	0.0081		3.90	5.40	
147	S	1G	RUBI	Guet	parv	6.60	0.0034	9.7	2.30	4.30	
148	S	1G	CAES	Hyme	cour	42.10	0.1392		1.70	5.00	
149	S	1G	MYRS	Ardi	obov	5.80	0.0026		0.45	6.25	
150	S	1G	BIGN	Tabe	hete	15.50	0.0188	14.0	0.45	6.62	
151	S	1G	THYM	Daph	amer	10.50	0.0086	8.2	0.15	6.62	
152	S	1G	MIMO	Inga	fagi	20.80	0.0339		0.95	7.60	
153	S	1G	LAUR	Ocot	cori	7.40	0.0043		2.20	7.40	
154	S	1G	MIMO	Inga	fagi	9.80	0.0075		4.45	6.70	
155	S	1G	RUBI	Fara	occi	7.90	0.0049	5.5	5.10	7.30	
156	S	1G	MIMO	Inga	fagi	10.70	0.0089		6.25	9.75	
157	S	1G	MYRS	Ardi	obov	9.80	0.0075		9.70	8.50	
158	S	1G	BIGN	Tabe	hete	9.90	0.0076		9.50	7.60	
159	S	1G	MYRS	Ardi	obov	11.00	0.0095	7.9	9.40	7.50	
160	S	1G	MYRS	Ardi	obov	7.40	0.0043		6.60	7.65	
161	S	1G	FABA	Andi	iner	7.20	0.0040		7.80	5.50	
162	S	1G	BIGN	Tabe	hete	6.40	0.0032	8.2	8.90	5.60	
163	S	1G	MIMO	Inga	fagi	8.50	0.0056		8.75	4.80	
164	S	1G	FABA	Andi	iner	5.40	0.0022		9.90	2.65	
165	S	1G	MYRS	Ardi	obov	10.00	0.0078		6.70	3.50	
166	S	1G	RUBI	Guet	parv	9.50	0.0070	9.7	8.20	2.30	
167	S	1G	MYRS	Ardi	obov	9.60	0.0072		3.62	0.40	
168	S	1G	ERYT	Eryt	rotu	7.10	0.0039	6.1	9.70	0.30	
169	S	1H	NYCT	Guap	frag	12.40	0.0120		2.40	0.12	
170	S	1H	FABA	Andi	iner	9.10	0.0065		5.06	0.06	
171	S	1H	MYRS	Ardi	obov	5.00	0.0019		5.10	0.04	
172	S	1H	MYRS	Ardi	obov	5.10	0.0020		5.80	2.00	
173	S	1H	BIGN	Tabe	hete	11.50	0.0103		5.72	2.45	
174	S	1H	MYRS	Ardi	obov	7.80	0.0047		3.10	3.00	
175	S	1H	MYRS	Ardi	obov	7.70	0.0046		1.30	3.10	
176	S	1H	MYRS	Ardi	obov	7.20	0.0040		1.28	4.40	
177	S	1H	BORA	Cord	alli	9.30	0.0067	7.9	0.80	5.70	
178	S	1H	RUBI	Guet	scab	5.80	0.0026		2.00	5.10	
179	S	1H	MYRS	Ardi	obov	5.20	0.0021		0.10	7.25	
180	S	1H	MYRS	Ardi	obov	8.30	0.0054		0.70	8.34	
181	S	1H	BORA	Cord	alli	20.40	0.0326		1.95	8.10	
182	S	1H	BIGN	Tabe	hete	16.20	0.0206	7.3	4.05	9.20	
183	S	1H	BIGN	Tabe	hete	12.00	0.0113		4.25	7.55	
184	S	1H	BURS	Burs	sima	8.20	0.0052	7.6	4.35	6.75	
185	S	1H	LAUR	Ocot	cori	10.10	0.0080	9.4	4.20	6.65	
186	S	1H	MYRT	Psid	ampl	5.50	0.0023		5.00	5.40	DEAD11/85

APPENDIX II. (Continued)

187	S	1H	RUBI	Guet	scab	5.10	0.0020		5.50	4.55	
188	S	1H	MYRS	Ardi	obov	5.80	0.0026		7.60	7.20	
189	S	1H	BIGN	Tabe	hete	13.00	0.0132		8.00	7.50	
190	S	1H	MYRT	Myrc	flor	10.20	0.0081	9.1	8.60	9.35	
191	S	1H	MYRS	Ardi	obov	5.10	0.0020		9.45	9.60	
192	S	1H	BIGN	Tabe	hete	7.00	0.0038		9.60	9.05	DEAD11/85
193	S	1H	MYRT	Myrc	flor	6.50	0.0033	8.5	8.80	7.35	
194	S	1H	MYRS	Ardi	obov	5.20	0.0021		6.60	4.60	
195	S	1H	MYRS	Ardi	obov	5.60	0.0024		8.10	5.90	
196	S	1H	MYRT	Myrc	flor	8.10	0.0051	7.3	7.90	4.00	
197	S	1H	MIMO	Inga	fagi	12.40	0.0120		7.22	3.30	
198	S	1H	RUBI	Guet	scab	6.00	0.0028		6.41	2.90	
199	S	1H	RUBI	Guet	scab	5.00	0.0019		7.10	0.76	
200	S	1H	BIGN	Tabe	hete	8.10	0.0051		7.35	1.80	
201	S	1H	RUBI	Guet	scab	7.60	0.0045		8.25	1.55	
202	S	1H	THYM	Daph	amer	7.00	0.0038	5.8	9.40	3.40	
203	S	1H	BIGN	Tabe	hete	9.80	0.0075		9.60	1.90	DEAD11/85
204	M	1I	MYRS	Ardi	obov	6.60	0.0034		0.12	0.90	
205	M	1I	MYRS	Ardi	obov	7.50	0.0044		0.28	0.88	
206	S	1I	BIGN	Tabe	hete	28.70	0.0646		1.80	0.30	
207	S	1I	MYRT	Myrc	flor	6.50	0.0033	8.2	3.90	2.40	
208	M	1I	RUBI	Guet	parv	5.80	0.0026		4.00	2.15	SICK 7/86
209	M	1I	RUBI	Guet	parv	6.90	0.0037		4.10	2.10	
210	M	1I	RUBI	Guet	parv	7.30	0.0041	7.9	4.25	2.20	
211	S	1I	BORA	Cord	alli	9.00	0.0063	8.5	2.10	2.65	
212	S	1I	LAUR	Ocot	cori	14.60	0.0167		1.00	3.95	
213	S	1I	MYRT	Myrc	flor	9.50	0.0070	7.9	0.08	5.45	
214	S	1I	BIGN	Tabe	hete	8.20	0.0052		1.20	5.65	
215	S	1I	STER	Guaz	ulmi	20.00	0.0314	10.0	1.71	6.70	
216	S	1I	MYRT	Myrc	flor	7.50	0.0044		1.50	7.95	
217	S	1I	RUBI	Guet	scab	5.20	0.0021		1.55	7.85	
218	S	1I	RUBI	Guet	scab	6.40	0.0032		2.77	8.45	
219	S	1I	BIGN	Tabe	hete	6.10	0.0029	9.7	3.68	9.35	
220	S	1I	MYRT	Myrc	flor	6.10	0.0029		3.85	9.45	
221	S	1I	RUBI	Guet	scab	8.00	0.0050		4.70	8.85	
222	S	1I	MYRS	Ardi	obov	8.60	0.0058		8.35	8.95	
223	S	1I	MYRT	Euge	mont	9.50	0.0070		7.20	8.25	
224	S	1I	RUBI	Guet	scab	8.80	0.0060		5.65	7.25	
225	S	1I	MYRT	Myrc	flor	6.50	0.0033	8.5	5.55	6.65	
226	S	1I	BORA	Cord	alli	12.70	0.0126	9.7	5.05	6.70	
227	S	1I	MYRT	Euge	mont	8.20	0.0052	6.7	5.55	5.85	
228	S	1I	MYRT	Euge	mont	11.00	0.0095	9.1	6.90	6.60	
229	M	1I	MYRS	Ardi	obov	9.70	0.0073	7.6	7.80	7.40	
230	M	1I	MYRS	Ardi	obov	6.70	0.0035		8.00	7.35	
231	S	1I	RUBI	Guet	scab	5.80	0.0026		9.60	6.10	
232	S	1I	MYRS	Ardi	obov	7.30	0.0041		8.31	4.50	
233	S	1I	ERYT	Eryt	rotu	5.20	0.0021	6.4	5.45	4.75	
234	S	1I	MYRS	Ardi	obov	5.70	0.0025		6.20	4.10	

APPENDIX II. (Continued)

235	S	1I	MYRT	Myrc	flor	5.40	0.0022	7.0	6.04	3.10	
236	S	1I	BIGN	Tabe	hete	34.60	0.0940		7.65	3.55	
237	S	1I	MYRS	Ardi	obov	6.10	0.0029		6.47	0.05	
238	S	1I	RUBI	Guet	scab	8.20	0.0052		8.90	2.90	
239	S	1I	MYRS	Ardi	obov	4.70	0.0017		9.62	2.70	
240	S	1I	BORA	Cord	alli	8.70	0.0059	8.5	9.00	0.05	
241	S	1I	RUBI	Guet	parv	6.00	0.0028		9.45	0.39	
242	S	1I	ERYT	Eryt	rotu	6.30	0.0031	6.1	6.15	5.65	DEAD11/85
243	S	1J	RUBI	Guet	parv	5.30	0.0022		2.30	6.70	DEAD11/85
244	S	1J	RUBI	Guet	parv	5.30	0.0022	6.1	2.75	1.45	
245	M	1J	BURS	Burs	sima	24.70	0.0479		0.89	3.10	
246	M	1J	BURS	Burs	sima	9.20	0.0066		0.45	3.10	
247	S	1J	THYM	Daph	amer	7.20	0.0040	7.3	0.08	3.45	
248	S	1J	RUBI	Guet	parv	5.70	0.0025		1.84	4.60	
249	S	1J	MYRT	Euge	bifl	8.30	0.0054	7.6	0.95	3.70	
250	S	1J	RUBI	Guet	parv	5.60	0.0024		0.75	5.95	
251	S	1J	RUBI	Guet	parv	6.50	0.0033		0.80	6.02	
252	S	1J	RUBI	Guet	parv	9.00	0.0063	7.0	0.85	6.15	
253	S	1J	RUBI	Guet	scab	5.30	0.0022		1.50	6.65	DEAD11/85
254	S	1J	RUBI	Guet	parv	5.70	0.0025		1.85	7.90	DEAD11/85
255	S	1J	RUBI	Guet	parv	6.00	0.0028	3.3	1.55	8.60	
256	S	1J	MYRS	Ardi	obov	7.30	0.0041		6.70	9.60	
257	S	1J	MYRT	Myrc	flor	6.20	0.0030		7.40	9.30	
258	S	1J	NYCT	Guap	frag	13.80	0.0149	8.2	6.80	8.35	
259	S	1J	BIGN	Tabe	hete	5.70	0.0025		7.95	9.50	
260	S	1J	MYRT	Euge	mont	7.00	0.0038	9.4	8.40	9.30	
261	S	1J	MYRT	Euge	mont	11.20	0.0098		9.90	9.20	DEAD 7/86
262	S	1J	RUBI	Guet	scab	7.70	0.0046	5.5	9.10	7.25	
263	S	1J	RUBI	Guet	parv	5.60	0.0024	4.3	7.85	6.35	
264	S	1J	BIGN	Tabe	hete	10.90	0.0093		7.80	6.25	
265	S	1J	MYRS	Ardi	obov	8.00	0.0050		6.90	6.40	
266	S	1J	MYRT	Myrc	flor	6.70	0.0035		6.28	5.75	
267	S	1J	RUBI	Guet	parv	6.90	0.0037		6.45	4.50	
268	S	1J	RUBI	Guet	scab	7.80	0.0047		5.41	2.60	
269	S	1J	MYRT	Myrc	flor	5.10	0.0020		6.34	2.40	
270	S	1J	MYRT	Euge	mont	7.80	0.0047		4.82	5.65	DEAD11/85
271	S	1J	BORA	Cord	alli	9.30	0.0067		3.87	4.55	DEAD 7/86
272	S	1J	ERYT	Eryt	rotu	5.70	0.0025	4.6	6.45	2.15	
273	S	1J	MYRT	Myrc	flor	5.00	0.0019		8.90	5.90	
274	S	1J	RUBI	Guet	scab	7.00	0.0038		8.99	5.30	
275	S	1J	MYRT	Myrc	flor	7.00	0.0038		8.24	1.90	
276	S	1J	BORA	Cord	alli	18.30	0.0263	10.0	6.80	0.75	
277	S	1J	RUBI	Guet	scab	6.50	0.0033		9.72	0.78	
278	M	1J	CLUS	Clus	rose	17.70	0.0246		4.74	4.05	SICK11/85
279	M	1J	CLUS	Clus	rose	17.70	0.0246		4.17	4.00	
280	M	1J	CLUS	Clus	rose	17.70	0.0246		3.98	2.60	
281	S	2J	MYRS	Ardi	obov	5.90	0.0027	3.3	9.57	1.15	
282	S	2J	MYRT	Myrc	flor	6.30	0.0031	7.6	9.96	2.10	

APPENDIX II. (Continued)

283	S	2J	BIGN	Tabe	hete	7.60	0.0045	10.9	9.15	2.00	
284	S	2J	MYRT	Myrc	flor	9.50	0.0070		8.99	2.50	
285	S	2J	BIGN	Tabe	hete	19.70	0.0304		6.92	2.00	
286	S	2J	MYRS	Ardi	obov	5.40	0.0022		6.04	2.50	
287	S	2J	MYRS	Ardi	obov	8.70	0.0059		6.21	2.80	
288	S	2J	MYRT	Myrc	flor	7.80	0.0047		9.90	4.50	
289	S	2J	MYRT	Myrc	flor	6.80	0.0036		9.68	7.20	
290	S	2J	MYRS	Ardi	obov	8.20	0.0052		8.90	8.70	
291	S	2J	THYM	Daph	amer	9.50	0.0070		8.37	9.70	DEAD 7/86
292	S	2J	MYRS	Ardi	obov	8.90	0.0062		8.49	9.20	
293	S	2J	MYRS	Ardi	obov	11.40	0.0102		7.50	7.50	
294	S	2J	MYRS	Ardi	obov	5.30	0.0022		7.96	6.80	
295	S	2J	MYRS	Ardi	obov	9.80	0.0075		7.75	8.80	
296	S	2J	MYRS	Ardi	obov	7.10	0.0039		5.32	7.70	
297	S	2J	MYRS	Ardi	obov	8.10	0.0051		6.24	7.00	
298	S	2J	MYRS	Ardi	obov	12.20	0.0116	7.3	6.72	9.55	
299	S	2J	MYRS	Ardi	obov	5.80	0.0026		2.71	9.95	
300	S	2J	MYRS	Ardi	obov	5.00	0.0019		5.38	7.25	
301	S	2J	MYRS	Ardi	obov	8.00	0.0050		6.04	6.00	
302	S	2J	MYRS	Ardi	obov	7.70	0.0046		5.01	5.20	
303	S	2J	SAPO	Chry	pauc	5.80	0.0026	7.0	3.50	4.65	
304	S	2J	BORA	Cord	alli	9.60	0.0072		5.80	4.10	DEAD 7/86
305	S	2J	RUBI	Guet	scab	6.50	0.0033	6.1	2.64	3.95	
306	S	2J	MYRS	Ardi	obov	6.60	0.0034		0.68	4.20	
307	S	2J	MYRS	Ardi	obov	9.60	0.0072		2.03	2.15	
308	S	2J	MYRS	Ardi	obov	5.40	0.0022		3.65	0.82	DEAD11/85
309	S	2J	MYRS	Ardi	obov	9.80	0.0075		5.84	4.10	
310	S	2J	MYRS	Ardi	obov	6.50	0.0033		4.71	1.80	
311	S	2I	MIMO	Inga	fagi	13.50	0.0143	11.6	9.12	0.56	
312	S	2I	VERB	Cith	frut	6.30	0.0031	7.9	9.60	1.05	
313	S	2I	RUBI	Guet	parv	7.10	0.0039	4.0	8.70	2.00	
314	S	2I	BIGN	Tabe	hete	17.30	0.0235		9.20	5.35	
315	S	2I	SAPI	Meli	biju	9.60	0.0072	10.0	8.95	5.40	
316	S	2I	RUTA	Zant	mart	25.60	0.0514	3.3	8.60	5.45	
317	S	2I	FLAC	Case	guia	7.90	0.0049	5.0	8.25	5.85	
318	S	2I	MYRT	Myrc	flor	11.10	0.0096		7.85	5.80	
319	S	2I	NYCT	Guap	frag	9.20	0.0066		9.70	6.90	
320	S	2I	MYRT	Myrc	flor	7.10	0.0039	6.7	8.20	6.10	
321	S	2I	MYRS	Ardi	obov	5.00	0.0019		9.10	8.70	
322	S	2I	MYRS	Ardi	obov	9.30	0.0067		7.80	8.55	
323	S	2I	MYRT	Myrc	flor	8.40	0.0055	8.0	6.85	6.90	
324	S	2I	MYRS	Ardi	obov	7.40	0.0043		4.35	8.90	
325	S	2I	MYRS	Ardi	obov	8.90	0.0062		4.21	9.95	
326	S	2I	MYRT	Myrc	flor	6.50	0.0033		3.40	7.70	
327	S	2I	ERYT	Eryt	rotu	7.00	0.0038	7.9	5.30	5.20	
328	S	2I	RUBI	Guet	scab	5.70	0.0025	8.8	4.18	5.45	
329	S	2I	MYRS	Ardi	obov	8.30	0.0054		2.41	6.85	
330	S	2I	MYRS	Ardi	obov	9.80	0.0075		0.80	6.80	

APPENDIX II. (Continued)

331	S	2I	MIMO	Inga	fagi	19.40	0.0295		0.10	5.40	
332	S	2I	BORA	Cord	alli	14.50	0.0165	13.4	1.10	3.45	
333	S	2I	MYRS	Ardi	obov	9.20	0.0066		1.25	3.10	
334	M	2I	MYRT	Myrc	flor	7.30	0.0041	8.2	3.53	3.30	
335	M	2I	MYRT	Myrc	flor	5.50	0.0023		3.48	3.40	
336	S	2I	RUBI	Guet	parv	9.30	0.0067	8.2	5.41	4.70	
337	S	2I	MYRS	Ardi	obov	7.90	0.0049		7.50	3.20	
338	S	2I	MYRS	Ardi	obov	5.80	0.0026		7.15	3.55	
339	S	2I	FABA	Andi	iner	12.50	0.0122	7.9	5.56	1.05	
340	S	2I	MYRS	Ardi	obov	13.10	0.0134		5.72	0.10	
341	S	2I	MYRT	Myrc	flor	7.20	0.0040		4.60	2.05	
342	S	2I	MYRT	Myrc	flor	10.80	0.0091		4.00	2.10	
343	S	2I	MYRS	Ardi	obov	9.70	0.0073		0.85	0.86	
344	S	2I	MYRT	Myrc	flor	6.10	0.0029		2.24	0.55	
345	S	2H	BORA	Cord	alli	11.40	0.0102	11.9	9.15	0.96	
346	S	2H	MYRS	Ardi	obov	5.00	0.0019		9.25	2.00	
347	S	2H	MYRT	Psid	ampl	5.10	0.0020	3.3	8.60	2.94	
348	S	2H	MYRS	Ardi	obov	10.60	0.0088	2.9	8.40	2.91	
349	S	2H	NYCT	Guap	frag	5.50	0.0023		6.30	1.05	
350	S	2H	MYRS	Ardi	obov	10.00	0.0078	1.1	5.75	3.45	
351	S	2H	BORA	Cord	alli	15.30	0.0183	9.7	8.70	4.00	
352	S	2H	MIMO	Inga	fagi	10.40	0.0084		8.50	4.90	DEAD 7/86
353	S	2H	MYRS	Ardi	obov	8.00	0.0050		9.75	5.00	
354	S	2H	MIMO	Inga	fagi	16.10	0.0203	9.1	6.65	5.12	
355	S	2H	MYRS	Ardi	obov	8.30	0.0054		6.55	8.72	
356	S	2H	MYRS	Ardi	obov	6.80	0.0036		6.55	9.06	
357	S	2H	MYRS	Ardi	obov	5.00	0.0019		7.15	9.08	
358	S	2H	MYRS	Ardi	obov	8.60	0.0058		8.95	6.89	
359	S	2H	MYRS	Ardi	obov	8.90	0.0062		9.70	9.14	
360	M	2H	RUBI	Guet	parv	11.50	0.0103	12.8	9.00	9.71	
361	M	2H	RUBI	Guet	parv	13.10	0.0134		8.70	9.71	
362	S	2H	SAPO	Chry	pauc	10.10	0.0080	12.2	6.25	9.65	
363	S	2H	MYRS	Ardi	obov	7.50	0.0044		3.10	9.88	
364	S	2H	MYRS	Ardi	obov	11.10	0.0096	10.3	2.80	9.00	
365	S	2H	MYRS	Ardi	obov	5.30	0.0022		1.45	7.59	
366	S	2H	MYRS	Ardi	obov	6.70	0.0035		3.55	7.65	
367	M	2H	LAUR	Ocot	cori	7.40	0.0043		2.90	5.14	
368	M	2H	LAUR	Ocot	cori	12.20	0.0116	8.5	2.65	5.21	
369	S	2H	MYRS	Ardi	obov	7.10	0.0039		0.59	4.52	
370	S	2H	MYRS	Ardi	obov	5.50	0.0023		0.05	4.05	
371	S	2H	MYRS	Ardi	obov	8.00	0.0050		2.30	3.31	
372	S	2H	MYRS	Ardi	obov	6.10	0.0029	3.0	5.40	4.91	
373	S	2H	FABA	Andi	iner	7.70	0.0046	6.7	3.30	1.46	
374	S	2H	CAES	Hyme	cour	17.20	0.0232	11.6	2.10	1.40	
375	S	2H	MYRS	Ardi	obov	5.70	0.0025		2.35	0.35	
376	S	2H	MYRT	Myrc	flor	11.40	0.0102		3.40	0.12	
377	S	2G	MYRS	Ardi	obov	7.30	0.0041		9.95	0.20	
378	S	2G	MYRS	Ardi	obov	7.00	0.0038		9.90	1.95	

APPENDIX II. (Continued)

379	S	2G	MYRS	Ardi	obov	7.70	0.0046		7.00	0.80	
380	S	2G	MYRT	Euge	bifl	5.40	0.0022		6.60	1.05	
381	S	2G	MYRS	Ardi	obov	5.40	0.0022		5.50	0.25	
382	S	2G	BIGN	Tabe	hete	6.90	0.0037		4.70	0.60	
383	S	2G	BORA	Cord	alli	20.90	0.0343		6.30	3.88	
384	S	2G	MYRS	Ardi	obov	5.40	0.0022		7.95	3.00	
385	S	2G	BORA	Bour	succ	6.10	0.0029	7.3	8.80	4.31	
386	S	2G	MYRS	Ardi	obov	8.30	0.0054		6.75	4.95	
387	S	2G	MYRS	Ardi	obov	6.90	0.0037		8.30	7.21	
388	S	2G	MYRS	Ardi	obov	7.30	0.0041		4.80	5.15	
389	S	2G	MYRS	Ardi	obov	9.30	0.0067		6.45	6.12	
390	S	2G	LAUR	Ocot	cori	15.40	0.0186	9.1	5.65	7.98	
391	S	2G	MYRS	Ardi	obov	9.10	0.0065		3.40	8.70	
392	S	2G	NYCT	Guap	frag	26.50	0.0551		1.75	9.35	
393	S	2G	MYRS	Ardi	obov	8.90	0.0062		1.70	8.76	
394	S	2G	RUBI	Guet	scab	5.70	0.0025		0.72	7.65	DEAD11/85
395	S	2G	ERYT	Eryt	rotu	9.40	0.0069	7.0	1.85	2.56	
396	S	2G	MIMO	Inga	fagi	6.20	0.0030		0.45	1.59	
397	S	2G	THYM	Daph	amer	10.20	0.0081	11.2	0.29	1.74	
398	S	2G	RUBI	Fara	occi	7.80	0.0047		0.25	0.75	
399	S	2G	MYRS	Ardi	obov	5.90	0.0027		1.15	1.00	
400	S	2G	MYRS	Ardi	obov	6.50	0.0033		2.70	1.67	
401	S	2G	RUBI	Guet	parv	6.60	0.0034	7.3	3.90	1.75	
402	S	2F	LAUR	Ocot	cori	11.10	0.0096		9.90	1.70	
403	S	2F	BIGN	Tabe	hete	6.20	0.0030	6.1	7.50	0.20	
404	S	2F	MYRS	Ardi	obov	7.80	0.0047		6.45	1.00	
405	S	2F	FABA	Andi	iner	5.10	0.0020		8.40	2.20	
406	S	2F	THYM	Daph	amer	15.80	0.0196	12.2	9.10	4.69	
407	S	2F	MIMO	Inga	fagi	5.30	0.0022		8.85	3.52	
408	S	2F	RUBI	Guet	parv	5.20	0.0021		8.25	4.03	DEAD11/85
409	S	2F	FABA	Andi	iner	8.20	0.0052	6.4	5.95	4.95	
410	S	2F	FABA	Andi	iner	11.10	0.0096		5.05	5.50	
411	S	2F	MYRS	Ardi	obov	6.20	0.0030		7.55	7.09	
412	S	2F	MYRS	Ardi	obov	5.90	0.0027		9.05	6.45	
413	S	2F	MYRS	Ardi	obov	6.20	0.0030		9.90	6.56	
414	M	2F	NYCT	Guap	frag	18.10	0.0257		8.55	8.81	
415	M	2F	NYCT	Guap	frag	17.80	0.0248		8.30	8.85	
416	M	2F	NYCT	Guap	frag	14.80	0.0172	10.0	8.75	8.90	
417	S	2F	MYRS	Ardi	obov	9.70	0.0073		5.65	8.99	
418	S	2F	MYRS	Ardi	obov	10.50	0.0086		5.30	8.20	
419	S	2F	MYRS	Ardi	obov	7.00	0.0038		2.60	8.81	
420	S	2F	MYRS	Ardi	obov	6.80	0.0036		2.40	9.11	
421	M	2F	MYRS	Ardi	obov	12.10	0.0114	10.6	0.51	7.81	
422	M	2F	MYRS	Ardi	obov	9.00	0.0063		0.45	7.62	
423	S	2F	MYRS	Ardi	obov	5.90	0.0027		3.15	6.45	
424	S	2F	MYRS	Ardi	obov	5.00	0.0019		3.70	4.82	
425	S	2F	MYRS	Ardi	obov	6.10	0.0029		1.01	4.31	
426	S	2F	MYRS	Ardi	obov	6.50	0.0033		3.20	4.01	

APPENDIX II. (Continued)

427	S	2F	RUBI	Fara	occi	7.80	0.0047	5.8	4.40	2.40	
428	S	2F	THYM	Daph	amer	10.40	0.0084	12.5	8.25	2.05	
429	S	2E	EUPH	Marg	nobi	32.40	0.0824	12.5	8.25	2.05	
430	M	2E	SAPO	Chry	pauc	13.90	0.0151	10.9	6.30	1.15	
431	M	2E	SAPO	Chry	pauc	5.40	0.0022		6.15	1.25	
432	S	2E	MYRS	Ardi	obov	5.00	0.0019		5.10	2.15	
433	S	2E	MIMO	Inga	fagi	10.10	0.0080		5.80	3.27	
434	S	2E	NYCT	Guap	frag	28.90	0.0655		7.00	3.40	
435	S	2E	MYRS	Ardi	obov	5.20	0.0021		8.95	2.91	
436	S	2E	MYRS	Ardi	obov	6.90	0.0037		8.75	7.09	
437	S	2E	MIMO	Inga	fagi	5.50	0.0023		7.45	7.33	
438	S	2E	MYRS	Ardi	obov	7.10	0.0039		9.35	9.00	
439	S	2E	EUPH	Marg	nobi	25.90	0.0526	15.8	7.90	8.19	
440	S	2E	CAES	Hyme	cour	34.10	0.0913	17.6	5.80	8.05	
441	S	2E	MYRS	Ardi	obov	6.90	0.0037		5.25	7.41	
442	M	2E	SAPI	Meli	biju	11.50	0.0103	12.8	3.15	6.51	
443	M	2E	SAPI	Meli	biju	6.50	0.0033		3.00	6.48	
444	S	2E	MYRT	Psid	ampl	6.70	0.0035		6.25	7.84	DEAD11/85
445	S	2E	MYRS	Ardi	obov	7.40	0.0043		4.20	4.25	
447	S	2E	MYRS	Ardi	obov	9.80	0.0075		4.30	3.51	
448	S	2E	MYRS	Ardi	obov	5.80	0.0026		0.25	4.75	
449	S	2E	MYRS	Ardi	obov	5.60	0.0024		2.75	1.61	
450	S	2E	ANAC	Mang	indi	27.10	0.0576	11.2	3.75	0.74	
451	S	2D	MYRS	Ardi	obov	8.30	0.0054		6.75	3.01	
452	S	2D	MYRS	Ardi	obov	7.90	0.0049		8.65	5.65	
453	M	2D	SAPO	Chry	pauc	6.40	0.0032		8.20	8.01	
454	M	2D	SAPO	Chry	pauc	6.10	0.0029		8.00	8.22	
455	M	2D	SAPO	Chry	pauc	16.10	0.0203	11.2	7.80	8.09	
456	M	2D	SAPO	Chry	pauc	18.20	0.0260		7.60	7.99	
457	S	2D	MIMO	Inga	fagi	7.90	0.0049		4.65	5.05	
458	S	2D	SAPO	Chry	pauc	8.60	0.0058		4.35	5.87	
459	S	2D	EUPH	Marg	nobi	42.30	0.1405		1.01	8.65	
460	S	2D	MYRS	Ardi	obov	5.30	0.0022		1.00	3.32	
461	S	2D	FABA	Andi	iner	18.20	0.0260		1.25	3.38	
462	S	2C	MIMO	Inga	fagi	19.60	0.0301	14.0	6.50	1.89	
463	S	2C	FABA	Andi	iner	13.30	0.0138		6.10	2.01	
464	S	2C	MYRS	Ardi	obov	6.70	0.0035		8.85	4.01	
465	S	2C	MYRS	Ardi	obov	11.50	0.0103		9.95	9.20	
466	S	2C	MYRS	Ardi	obov	5.70	0.0025		7.75	7.01	
467	S	2C	MYRS	Ardi	obov	8.00	0.0050		5.60	6.84	
468	S	2C	NYCT	Guap	frag	29.40	0.0678	15.2	4.75	6.92	
469	S	2C	MYRS	Ardi	obov	5.50	0.0023		4.55	8.21	
470	S	2C	MYRS	Ardi	obov	6.70	0.0035		4.40	5.95	
471	M	2C	MYRS	Ardi	obov	6.70	0.0035		4.05	5.51	
472	M	2C	MYRS	Ardi	obov	5.60	0.0024		4.35	5.15	
473	S	2C	MYRS	Ardi	obov	10.80	0.0091		1.85	8.01	
474	S	2C	FABA	Andi	iner	12.20	0.0116	13.1	1.22	9.80	
475	S	2C	MYRS	Ardi	obov	7.70	0.0046		0.82	9.20	

APPENDIX II. (Continued)

476	S	2C	MYRS	Ardi	obov	9.90	0.0076		0.63	6.95	
477	S	2C	FABA	Andi	iner	7.40	0.0043		1.65	5.40	
478	S	2C	MIMO	Inga	fagi	15.10	0.0179		1.40	4.80	
479	S	2C	CAES	Hyme	cour	31.10	0.0759	17.6	0.22	3.00	
480	S	2C	MYRS	Ardi	obov	9.10	0.0065		1.75	1.79	
481	S	2C	MYRS	Ardi	obov	8.00	0.0050		1.95	1.75	
482	S	2C	MIMO	Inga	fagi	30.20	0.0716	17.6	2.65	0.25	
483	S	2B	MIMO	Inga	fagi	21.30	0.0356		9.80	0.45	
484	S	2B	MYRS	Ardi	obov	15.20	0.0181		8.25	0.45	
485	S	2B	SAPO	Chry	pauc	26.00	0.0530	13.1	6.05	2.30	
486	S	2B	MYRT	Myrc	flor	9.00	0.0063		7.10	3.80	DEAD11/85
487	S	2B	LAUR	Ocot	cori	6.40	0.0032	7.3	9.50	3.45	
488	S	2B	VERB	Cith	frut	14.90	0.0174	12.5	7.75	9.10	
489	S	2B	MYRS	Ardi	obov	5.50	0.0023		7.85	9.29	
490	S	2B	NYCT	Guap	frag	24.20	0.0459		7.50	9.60	
491	S	2B	MYRS	Ardi	obov	7.90	0.0049		6.80	7.55	
492	S	2B	FABA	Andi	iner	5.20	0.0021	6.1	2.46	9.80	
493	S	2B	LAUR	Ocot	cori	17.40	0.0237	8.8	2.25	9.10	
494	S	2B	FABA	Andi	iner	12.50	0.0122		0.62	8.72	
495	M	2B	MYRS	Ardi	obov	7.00	0.0038		1.40	6.79	
496	M	2B	MYRS	Ardi	obov	8.10	0.0051		1.60	6.42	
497	S	2B	MYRS	Ardi	obov	9.20	0.0066		2.05	3.65	
498	S	2B	MYRS	Ardi	obov	7.10	0.0039		3.05	3.42	
499	S	2B	FABA	Andi	iner	13.50	0.0143		5.75	3.50	
500	S	2B	MYRT	Myrc	flor	9.10	0.0065		4.05	1.50	
501	S	2B	MYRS	Ardi	obov	10.40	0.0084		3.95	0.91	
502	S	2B	MYRT	Myrc	flor	9.20	0.0066		1.00	2.01	
503	S	2B	MYRS	Ardi	obov	5.60	0.0024		1.10	0.60	
504	S	2A	BIGN	Tabe	hete	13.10	0.0134	10.9	7.13	0.05	
505	S	2A	MYRS	Ardi	obov	8.50	0.0056	8.8	5.40	1.29	
506	S	2A	THYM	Daph	amer	12.00	0.0113	12.2	6.75	3.42	
507	S	2A	MYRS	Ardi	obov	8.00	0.0050		7.05	3.85	
508	S	2A	MYRS	Ardi	obov	5.70	0.0025		7.75	3.54	
509	S	2A	FABA	Andi	iner	5.90	0.0027		9.00	4.26	
510	S	2A	NYCT	Guap	frag	34.80	0.0951	13.7	9.00	8.05	
511	S	2A	FABA	Andi	iner	20.30	0.0323		8.75	9.80	
512	S	2A	NYCT	Guap	frag	33.20	0.0865		7.30	8.89	
513	M	2A	LAUR	Ocot	cori	18.80	0.0277		7.00	8.75	DEAD 7/86
514	M	2A	LAUR	Ocot	cori	14.90	0.0174		7.25	6.30	
515	S	2A	NYCT	Guap	frag	18.00	0.0254		7.15	5.80	
516	S	2A	FLAC	Case	deca	5.80	0.0026	8.5	6.30	9.51	
517	S	2A	MYRS	Ardi	obov	11.20	0.0098		3.20	8.21	
518	M	2A	MYRS	Ardi	obov	6.90	0.0037		2.15	6.75	
519	M	2A	MYRS	Ardi	obov	5.30	0.0022		2.30	9.59	
520	S	2A	THYM	Daph	amer	10.90	0.0093	11.2	1.60	8.50	
521	S	2A	RUBI	Guet	scab	7.30	0.0041	7.6	0.45	7.20	
522	S	2A	MYRS	Ardi	obov	6.80	0.0036		2.15	6.35	
523	S	2A	NYCT	Guap	frag	14.20	0.0158		2.70	4.89	

APPENDIX II. (Continued)

524	S	2A	LAUR	Ocot	cori	5.00	0.0019	6.4	2.80	4.62
525	S	2A	RUBI	Guet	scab	6.20	0.0030	7.3	2.60	4.24
526	S	2A	MYRS	Ardi	obov	5.20	0.0021		3.35	2.65
527	S	2A	RUBI	Guet	scab	5.00	0.0019		3.50	2.50
528	S	2A	BIGN	Tabe	hete	10.90	0.0093		1.30	0.12
529	S	2A	RUBI	Guet	scab	6.20	0.0030		0.50	1.45
530	S	2A	MYRS	Ardi	obov	6.10	0.0029		0.05	0.65
531	M	2A	CAES	Hyme	cour	29.00	0.0660	12.8	0.60	0.55
532	M	2A	CAES	Hyme	cour	41.40	0.1346		0.12	0.19
533	M	2A	CAES	Hyme	cour	31.80	0.0794		0.40	0.20
534	S	3A	RUBI	Guet	scab	9.50	0.0070		1.45	1.87
535	S	3A	RUBI	Guet	scab	7.70	0.0046		1.70	2.65
536	S	3A	MYRS	Ardi	obov	5.30	0.0022		0.85	3.35
537	S	3A	RUBI	Guet	scab	7.90	0.0049		0.05	3.82
538	S	3A	BIGN	Tabe	hete	5.60	0.0024		0.03	4.85
539	S	3A	RUBI	Fara	occi	5.60	0.0024	6.7	0.05	4.95
540	S	3A	CAES	Hyme	cour	36.00	0.1017	14.0	2.40	5.95
541	S	3A	FABA	Sabi	flor	5.40	0.0022	7.9	3.00	4.25
542	S	3A	RUBI	Guet	scab	8.00	0.0050		0.81	8.20
543	S	3A	FABA	Sabi	flor	6.00	0.0028	8.2	3.20	8.95
544	S	3A	ERYT	Eryt	rotu	5.40	0.0022	6.7	3.80	9.48
545	M	3A	MYRS	Ardi	obov	5.70	0.0025		6.30	7.71
546	M	3A	MYRS	Ardi	obov	5.50	0.0023		6.20	7.25
547	S	3A	CAES	Hyme	cour	9.40	0.0069		6.05	7.05
548	S	3A	MIMO	Inga	fagi	15.00	0.0176		6.70	7.49
549	S	3A	THYM	Daph	amer	5.20	0.0021	8.2	8.60	7.49
550	S	3A	THYM	Daph	amer	20.00	0.0314		6.80	4.00
551	S	3A	FABA	Andi	iner	7.30	0.0041		9.60	6.20
552	S	3A	MYRT	Euge	mont	12.80	0.0128		3.50	0.45
553	S	3A	NYCT	Guap	frag	14.50	0.0165		7.45	3.80
554	S	3A	MYRS	Ardi	obov	10.50	0.0086		4.60	3.21
555	S	3A	BORA	Bour	succ	7.30	0.0041	8.5	7.30	0.73
556	S	3A	MYRS	Ardi	obov	5.80	0.0026		8.00	0.85
557	S	3A	RUBI	Guet	scab	5.20	0.0021		4.10	1.10
558	S	3B	FABA	Andi	iner	6.10	0.0029	7.3	0.25	3.00
559	S	3B	MIMO	Inga	fagi	9.20	0.0066	8.5	2.00	5.20
560	S	3B	NYCT	Guap	frag	22.10	0.0383		3.45	5.85
561	S	3B	RUBI	Fara	occi	5.20	0.0021	5.2	2.10	6.90
562	S	3B	THYM	Daph	amer	10.80	0.0091	14.6	2.35	7.54
563	S	3B	RUBI	Guet	scab	7.80	0.0047	10.6	4.30	8.00
564	M	3B	NYCT	Guap	frag	9.60	0.0072		6.50	8.40
565	M	3B	NYCT	Guap	frag	28.20	0.0624		6.35	8.70
566	M	3B	NYCT	Guap	frag	23.30	0.0426	15.2	6.40	8.90
567	S	3B	FABA	Andi	iner	7.30	0.0041	7.0	6.35	9.40
568	S	3B	FABA	Andi	iner	6.10	0.0029		8.30	9.00
569	S	3B	MYRS	Ardi	obov	6.10	0.0029		8.60	9.80
570	S	3B	NYCT	Guap	frag	33.40	0.0876		9.00	7.10
571a	M	3B	CLUS	Clus	rose	16.30	0.0208	17.0	9.15	7.40

APPENDIX II. (Continued)

571b	M	3B	CLUS	Clus	rose	8.60	0.0058		9.15	7.40
571c	M	3B	CLUS	Clus	rose	10.80	0.0091		9.15	7.40
571d	M	3B	CLUS	Clus	rose	12.30	0.0118		9.15	7.40
571e	M	3B	CLUS	Clus	rose	7.80	0.0047		9.15	7.40
572	S	3B	MYRS	Ardi	obov	9.10	0.0065		5.65	2.95
573	S	3B	NYCT	Guap	frag	40.90	0.1313		6.55	2.30
574	S	3B	MYRS	Ardi	obov	8.70	0.0059		9.75	3.20
575	S	3B	MYRS	Ardi	obov	5.90	0.0027	9.1	9.35	1.60
576	S	3C	MYRS	Ardi	obov	9.80	0.0075		0.70	1.45
577	S	3C	FABA	Andi	iner	6.90	0.0037		2.10	1.82
578	S	3C	BIGN	Tabe	hete	5.10	0.0020	7.9	1.50	3.25
579	S	3C	MYRS	Ardi	obov	5.30	0.0022		2.00	3.56
580	S	3C	FLAC	Case	deca	7.50	0.0044	10.0	0.65	6.61
581	S	3C	MYRS	Ardi	obov	5.90	0.0027		2.10	6.70
582	S	3C	NYCT	Guap	frag	16.10	0.0203		2.80	8.15
583	S	3C	MYRS	Ardi	obov	5.90	0.0027		2.90	8.10
584	S	3C	MYRS	Ardi	obov	5.90	0.0027		7.30	7.45
585	S	3C	NYCT	Guap	frag	7.20	0.0040		7.90	6.05
586	S	3C	MIMO	Inga	fagi	11.60	0.0105	11.2	7.70	5.80
587	S	3C	NYCT	Guap	frag	33.90	0.0902		5.90	5.45
588	S	3C	BIGN	Tabe	hete	8.00	0.0050		5.60	5.40
589	S	3C	MYRS	Ardi	obov	6.00	0.0028		5.20	4.52
590	S	3C	MYRS	Ardi	obov	9.50	0.0070	12.2	3.20	2.49
591	S	3C	MYRS	Ardi	obov	5.90	0.0027		3.10	2.20
592	S	3C	NYCT	Guap	frag	19.20	0.0289		6.15	3.35
593	S	3C	MYRS	Ardi	obov	8.30	0.0054		6.90	1.45
594	M	3C	RUBI	Guet	parv	9.70	0.0073		9.30	3.90
595	M	3C	RUBI	Guet	parv	12.90	0.0130	14.6	9.15	3.70
596	S	3C	MYRS	Ardi	obov	6.50	0.0033		9.85	1.55
597	S	3C	NYCT	Guap	frag	17.80	0.0248		9.10	1.50
598	M	3D	MYRS	Ardi	obov	5.60	0.0024		1.85	7.55
599	M	3D	MYRS	Ardi	obov	6.20	0.0030		1.30	7.61
600	S	3D	FABA	Andi	iner	13.40	0.0141	14.3	7.30	6.85
601	S	3D	SAPO	Chry	pauc	13.30	0.0138	10.3	6.90	6.50
602	S	3D	MYRS	Ardi	obov	5.60	0.0024		6.40	3.40
603	S	3E	FABA	Andi	iner	12.90	0.0130		1.40	0.71
604	S	3E	MYRS	Ardi	obov	6.00	0.0028		2.85	1.00
605	S	3E	NYCT	Guap	frag	38.40	0.1158		3.35	2.25
606	S	3E	LAUR	Ocot	cori	16.30	0.0208	13.1	0.55	4.05
607	S	3E	NYCT	Guap	frag	59.80	0.2808		0.65	4.95
608	S	3E	MYRS	Ardi	obov	8.30	0.0054		0.85	6.80
609	S	3E	FABA	Andi	iner	6.00	0.0028		2.95	9.10
610	S	3E	SAPI	Meli	biju	15.50	0.0188	14.9	6.50	8.30
611	S	3E	NYCT	Guap	frag	41.40	0.1346	18.8	5.00	4.90
612	S	3E	SAPI	Meli	biju	9.10	0.0065	8.2	5.50	3.50
613	S	3E	MYRS	Ardi	obov	5.90	0.0027		5.20	1.20
614	S	3E	FABA	Andi	iner	8.70	0.0059		8.50	3.65
615	S	3E	FABA	Andi	iner	13.10	0.0134		7.00	1.60

APPENDIX II. (Continued)

616	M	3E	SAPI	Meli	biju	6.60	0.0034		6.80	2.15	
617	M	3E	SAPI	Meli	biju	12.70	0.0126	10.9	6.65	2.21	
618	S	3E	MYRT	Psid	ampl	9.70	0.0073	9.4	8.00	3.30	
619	S	3F	FABA	Andi	iner	13.60	0.0145		2.00	3.54	
620	S	3F	NYCT	Guap	frag	35.10	0.0967		1.35	4.41	
621	S	3F	MYRT	Psid	ampl	8.10	0.0051	10.0	2.10	6.54	
622	S	3F	SAPO	Chry	pauc	6.50	0.0033	8.5	1.45	6.65	
623	S	3F	NYCT	Guap	frag	22.20	0.0387		1.60	7.49	
624	S	3F	MYRS	Ardi	obov	5.30	0.0022		0.50	9.75	
625	S	3F	EUPH	Marg	nobi	41.80	0.1372	17.9	1.80	9.40	
626	S	3F	MYRT	Psid	ampl	10.60	0.0088	9.4	2.40	8.25	
627	S	3F	SAPO	Chry	pauc	5.80	0.0026		4.60	7.95	
628	S	3F	MYRS	Ardi	obov	5.60	0.0024		6.00	8.85	
629	S	3F	MYRS	Ardi	obov	7.60	0.0045		7.10	9.35	
630	M	3F	MYRT	Psid	ampl	5.90	0.0027		9.45	7.09	
631	M	3F	MYRT	Psid	ampl	8.80	0.0060	7.0	9.15	7.20	
632	M	3F	MYRT	Psid	ampl	6.30	0.0031		9.00	7.12	
633	M	3F	RUBI	Guet	parv	12.30	0.0118		8.95	5.40	
634	M	3F	RUBI	Guet	parv	23.50	0.0433	12.2	8.40	5.60	
635	S	3F	MYRS	Ardi	obov	6.50	0.0033		5.20	4.45	
636	S	3F	MYRS	Ardi	obov	12.70	0.0126	10.0	5.45	0.85	
637	S	3F	MYRS	Ardi	obov	10.00	0.0078		6.60	0.65	
638	S	3F	RUBI	Guet	parv	5.60	0.0024	7.6	7.10	3.65	
639	S	3F	MYRS	Ardi	obov	5.10	0.0020		7.60	3.87	
640	S	3F	MYRS	Ardi	obov	5.80	0.0026		8.75	3.61	
641	S	3F	FABA	Andi	iner	6.70	0.0035	6.1	9.80	3.58	
642	S	3F	MYRS	Ardi	obov	5.20	0.0021		8.10	0.60	
643	S	3G	MYRS	Ardi	obov	9.30	0.0067		0.30	1.01	
644	S	3G	MYRS	Ardi	obov	7.00	0.0038		1.25	1.22	
645	S	3G	MYRS	Ardi	obov	6.10	0.0029		1.75	0.50	
646	M	3G	LAUR	Ocot	cori	14.40	0.0162	7.9	3.70	1.65	
647	M	3G	LAUR	Ocot	cori	8.50	0.0056		4.00	1.65	
648	S	3G	RUBI	Guet	parv	7.80	0.0047		4.00	4.50	
649	S	3G	MYRS	Ardi	obov	12.20	0.0116		0.50	6.70	
650	S	3G	MYRS	Ardi	obov	6.00	0.0028		0.04	8.83	
651	S	3G	FABA	Andi	iner	8.80	0.0060		3.00	8.65	SICK11/85
652	S	3G	MYRS	Ardi	obov	6.20	0.0030		4.02	8.41	
653	S	3G	MYRS	Ardi	obov	7.30	0.0041		4.60	7.91	
654	S	3G	FABA	Andi	iner	12.90	0.0130		8.40	8.70	
655	S	3G	RUBI	Guet	scab	6.30	0.0031		5.50	9.63	
656	S	3G	MYRS	Ardi	obov	6.60	0.0034		6.35	9.85	
657	S	3G	MYRS	Ardi	obov	8.00	0.0050		6.00	9.00	
658	S	3G	RUBI	Guet	scab	7.60	0.0045	7.3	6.90	8.15	
659	S	3G	FABA	Andi	iner	17.20	0.0232		5.05	6.57	
660	S	3G	RUBI	Guet	scab	7.90	0.0049		5.45	5.95	
661	S	3G	MYRS	Ardi	obov	5.50	0.0023		7.80	5.84	
662	S	3G	MYRS	Ardi	obov	8.20	0.0052		7.60	3.71	
663	S	3G	MYRS	Ardi	obov	5.40	0.0022		5.55	2.85	

APPENDIX II. (Continued)

664	S	3G	NYCT	Guap	frag	27.90	0.0611	12.2	5.20	1.20
665	S	3G	LAUR	Ocot	cori	6.30	0.0031	7.3	5.75	0.30
666	S	3G	MYRS	Ardi	obov	8.20	0.0052		6.20	1.10
667	S	3G	RUBI	Guet	parv	6.30	0.0031		9.95	7.50
668	S	3G	RUBI	Guet	scab	7.80	0.0047	7.5	9.95	6.20
669	S	3G	MIMO	Inga	fagi	16.40	0.0211	6.0	9.70	3.10
670	S	3G	MYRS	Ardi	obov	6.00	0.0028		9.60	1.18
671	M	3H	MYRS	Ardi	obov	6.30	0.0031		0.30	0.40
672	M	3H	MYRS	Ardi	obov	7.90	0.0049		0.25	0.45
673	S	3H	MYRS	Ardi	obov	7.30	0.0041		1.75	1.70
674	S	3H	NYCT	Guap	frag	57.10	0.2560		1.50	2.45
675	S	3H	MYRS	Ardi	obov	5.10	0.0020		0.31	1.82
676	S	3H	NYCT	Guap	frag	34.20	0.0918		1.00	3.25
677	S	3H	MYRS	Ardi	obov	6.80	0.0036		2.45	3.65
678	S	3H	MYRS	Ardi	obov	16.40	0.0211	11.6	2.90	4.51
679	S	3H	MYRS	Ardi	obov	8.50	0.0056		0.23	4.81
680	S	3H	MYRS	Ardi	obov	6.00	0.0028		1.20	5.15
681	S	3H	SAPO	Chry	pauc	6.60	0.0034	6.7	0.80	6.80
682	S	3H	MYRS	Ardi	obov	6.80	0.0036		1.25	7.62
683	S	3H	RUBI	Guet	parv	5.80	0.0026		1.60	9.09
684	S	3H	MYRS	Ardi	obov	7.00	0.0038		2.95	8.70
685	S	3H	FABA	Andi	iner	10.50	0.0086	9.4	2.90	6.65
686	S	3H	MYRS	Ardi	obov	10.70	0.0089		4.90	7.27
687	S	3H	MYRS	Ardi	obov	8.70	0.0059		8.90	7.85
688	S	3H	MIMO	Inga	fagi	19.50	0.0298		8.40	7.55
689	S	3H	MYRS	Ardi	obov	5.60	0.0024		8.90	7.60
690	S	3H	MYRS	Ardi	obov	6.00	0.0028		7.10	5.70
691	S	3H	MYRS	Ardi	obov	7.70	0.0046		6.40	3.30
692	S	3H	MYRS	Ardi	obov	5.50	0.0023		3.90	2.23
693	S	3H	MYRS	Ardi	obov	10.90	0.0093	12.8	4.80	4.05
694	S	3H	MYRS	Ardi	obov	5.70	0.0025		5.30	0.25
695	S	3H	MYRS	Ardi	obov	7.90	0.0049		6.40	1.23
696	S	3H	MYRS	Ardi	obov	7.60	0.0045		6.60	1.89
697	S	3H	MYRS	Ardi	obov	8.70	0.0059		9.75	2.15
698	S	3H	MYRS	Ardi	obov	10.50	0.0086		8.20	0.30
699	S	3H	MYRS	Ardi	obov	7.60	0.0045		9.80	1.50
700	S	3H	MYRT	Myrc	flor	5.00	0.0019	8.5	8.65	2.69
701	S	3I	MYRS	Ardi	obov	7.30	0.0041		1.50	1.46
702	S	3I	MIMO	Inga	fagi	22.10	0.0383	14.6	2.20	2.40
703	S	3I	MYRS	Ardi	obov	6.20	0.0030		0.90	2.91
704	S	3I	MYRS	Ardi	obov	10.60	0.0088		4.20	3.20
705	S	3I	MYRS	Ardi	obov	7.50	0.0044		4.50	4.38
706	S	3I	RUBI	Guet	parv	8.40	0.0055	8.5	3.60	4.46
707	S	3I	RUBI	Guet	parv	6.20	0.0030		1.30	5.61
708	S	3I	SAPO	Chry	pauc	12.00	0.0113	9.7	1.55	6.60
709	S	3I	RUBI	Guet	parv	16.00	0.0201		1.65	6.80
710	S	3I	MYRS	Ardi	obov	5.20	0.0021		3.00	9.80
711	S	3I	MYRS	Ardi	obov	5.40	0.0022		5.10	7.35

APPENDIX II. (Continued)

712	S	3I	MYRS	Ardi	obov	5.80	0.0026		5.80	9.80	
713	M	3I	RUBI	Guet	parv	9.90	0.0076		7.85	9.55	
714	M	3I	RUBI	Guet	parv	14.40	0.0162		8.00	9.50	
715	S	3I	BIGN	Tabe	hete	11.40	0.0102	10.3	8.05	8.61	
716	S	3I	MYRS	Ardi	obov	11.20	0.0098		8.15	8.52	
717	M	3I	MYRS	Ardi	obov	5.80	0.0026		8.25	8.45	
718	M	3I	MYRS	Ardi	obov	6.00	0.0028		8.35	8.34	
719	S	3I	MYRT	Myrc	flor	9.90	0.0076	9.1	9.75	5.90	
720	S	3I	MYRS	Ardi	obov	10.00	0.0078		6.30	4.87	
721b	M	3I	CLUS	Clus	rose	6.40	0.0032		7.20	3.95	
721b	M	3I	CLUS	Clus	rose	8.40	0.0055		7.20	3.95	
722	S	3I	MYRS	Ardi	obov	8.90	0.0062		6.90	1.61	
723	S	3I	MYRS	Ardi	obov	6.40	0.0032		4.40	0.55	
724	S	3I	MYRS	Ardi	obov	5.60	0.0024		7.85	1.40	
725	S	3I	BORA	Cord	alli	20.60	0.0333	11.2	8.20	2.00	
726	S	3I	MIMO	Inga	fagi	20.90	0.0343		8.70	2.90	
727	S	3I	MYRS	Ardi	obov	6.30	0.0031		8.40	4.60	DEAD 7/86
728	S	3I	MYRS	Ardi	obov	11.20	0.0098		9.40	2.55	
729	S	3I	BIGN	Tabe	hete	57.50	0.2596	6.4	9.95	0.45	
730	S	3J	MYRS	Ardi	obov	7.60	0.0045		3.20	3.40	
731	S	3J	MYRS	Ardi	obov	5.30	0.0022		2.45	4.85	
732	S	3J	MYRS	Ardi	obov	6.90	0.0037		2.25	4.91	
733	S	3J	MYRS	Ardi	obov	5.10	0.0020		0.30	3.75	
734	S	3J	MYRS	Ardi	obov	6.80	0.0036		0.85	4.55	
735	S	3J	MIMO	Inga	fagi	16.20	0.0206	11.9	2.90	6.85	
736	S	3J	FLAC	Case	guia	5.40	0.0022	7.0	5.10	7.90	
737	S	3J	MYRS	Ardi	obov	9.00	0.0063		6.60	7.92	
738	S	3J	MYRS	Ardi	obov	5.00	0.0019		7.55	8.70	
739	S	3J	MYRS	Ardi	obov	8.30	0.0054		9.00	9.75	
740	S	3J	MYRS	Ardi	obov	6.10	0.0029		7.80	8.35	
741	S	3J	MYRS	Ardi	obov	6.70	0.0035		9.30	8.79	
742	S	3J	MYRS	Ardi	obov	8.70	0.0059		9.60	7.88	
743	S	3J	MYRS	Ardi	obov	9.30	0.0067		9.70	7.12	
744	S	3J	MYRT	Myrc	flor	7.20	0.0040	7.3	9.50	6.20	
745	M	3J	MYRS	Ardi	obov	8.80	0.0060		6.55	6.87	
746	M	3J	MYRS	Ardi	obov	6.30	0.0031		6.90	6.81	
747	S	3J	FLAC	Case	deca	11.80	0.0109	9.1	5.00	7.40	
748	S	3J	MYRS	Ardi	obov	5.70	0.0025		5.60	5.95	
749	S	3J	MYRS	Ardi	obov	7.40	0.0043		5.75	4.65	
750	S	3J	LAUR	Ocot	cori	5.50	0.0023	8.8	5.90	2.86	
751	S	3J	MYRS	Ardi	obov	12.00	0.0113		6.15	2.65	
752	S	3J	MYRS	Ardi	obov	8.70	0.0059		6.45	2.95	
753	S	3J	RUBI	Guet	parv	5.40	0.0022	7.0	5.25	0.05	SICK11/85
754	S	3J	CLUS	Clus	rose	9.80	0.0075		9.65	1.35	
755	S	4J	FLAC	Case	guia	8.50	0.0056	7.3	7.85	0.57	
756	S	4J	PALM	Cocc	alta	11.30	0.0100	10.3	5.22	0.14	
757	S	4J	CELA	Mayt	elli	5.20	0.0021	5.2	5.75	0.87	
758	S	4J	MYRS	Ardi	obov	5.20	0.0021		5.89	2.95	

APPENDIX II. (Continued)

759	S	4J	MYRS	Ardi	obov	16.80	0.0221		6.00	4.35	
760	S	4J	MYRS	Ardi	obov	8.20	0.0052		6.90	6.25	
761	S	4J	MYRS	Ardi	obov	6.00	0.0028		7.55	6.85	
762	S	4J	MYRS	Ardi	obov	13.40	0.0141		8.50	7.40	
763	S	4J	MYRS	Ardi	obov	5.40	0.0022		9.15	7.80	
764	S	4J	MYRS	Ardi	obov	10.00	0.0078		9.55	8.60	
765	S	4J	MYRS	Ardi	obov	6.30	0.0031		9.19	9.80	
766	S	4J	MYRS	Ardi	obov	10.70	0.0089	8.2	8.80	8.30	
767	S	4J	MYRS	Ardi	obov	9.90	0.0076		7.90	8.60	
768	S	4J	FLAC	Case	guia	5.60	0.0024	8.8	6.05	8.90	
769	S	4J	MYRS	Ardi	obov	5.00	0.0019		6.12	7.40	DEAD11/85
770	S	4J	MYRS	Ardi	obov	5.00	0.0019		4.95	6.50	DEAD11/85
771	S	4J	MYRS	Ardi	obov	6.40	0.0032		4.22	5.95	
772	S	4J	MYRS	Ardi	obov	7.80	0.0047		2.65	7.05	
773	S	4J	MYRS	Ardi	obov	10.10	0.0080		0.40	7.90	
774	S	4J	MYRT	Psid	ampl	6.40	0.0032	4.0	0.85	6.55	
775	S	4J	MYRS	Ardi	obov	6.50	0.0033		2.95	5.75	
776	S	4J	EUPH	Marg	nobi	14.60	0.0167	9.1	3.55	5.15	SICK11/85
777	S	4J	MYRS	Ardi	obov	10.00	0.0078		4.98	4.45	
778	S	4J	MYRS	Ardi	obov	7.50	0.0044		5.25	4.70	
779	S	4J	MYRS	Ardi	obov	7.10	0.0039		1.90	4.05	
780	S	4J	MYRS	Ardi	obov	6.90	0.0037		2.11	2.85	
781	S	4J	FLAC	Case	deca	5.50	0.0023	7.3	0.32	3.05	
782	S	4J	MYRS	Ardi	obov	10.20	0.0081		0.50	2.25	
783	S	4J	FLAC	Case	guia	7.10	0.0039	8.8	3.25	1.05	
784	S	4I	MYRS	Ardi	obov	7.00	0.0038		9.15	0.11	
785	S	4I	MYRS	Ardi	obov	12.80	0.0128		5.55	0.04	
786	S	4I	FLAC	Case	deca	11.00	0.0095	10.3	8.35	1.40	
787	S	4I	MYRS	Ardi	obov	6.10	0.0029		5.20	2.50	
788	S	4I	MYRS	Ardi	obov	17.00	0.0226		6.50	6.20	
789	S	4I	MYRS	Ardi	obov	7.00	0.0038		6.35	6.80	
790	S	4I	MYRS	Ardi	obov	5.80	0.0026		9.20	6.50	
791	S	4I	MYRS	Ardi	obov	5.10	0.0020		8.85	8.20	
792	S	4I	LAUR	Ocot	cori	14.60	0.0167	10.9	6.10	8.90	
793	S	4I	MYRS	Ardi	obov	9.20	0.0066		4.45	8.55	
794	S	4I	SAPO	Chry	pauc	7.60	0.0045	9.1	3.35	7.75	
795	S	4I	FLAC	Case	deca	7.40	0.0043	10.6	0.65	8.15	
796	S	4I	LAUR	Ocot	cori	17.80	0.0248		1.40	6.10	
797	S	4I	SAPO	Chry	pauc	6.90	0.0037		4.67	4.15	
798	S	4I	NYCT	Guap	frag	28.40	0.0633	12.8	3.55	4.50	
799	M	4I	RUBI	Guet	parv	16.90	0.0224	12.5	3.90	3.95	
800	M	4I	RUBI	Guet	parv	5.30	0.0022		3.65	3.70	
801	S	4I	MYRS	Ardi	obov	5.10	0.0020		4.65	4.15	
802	S	4I	MYRS	Ardi	obov	6.50	0.0033		0.52	2.30	
803	S	4H	MYRS	Ardi	obov	8.10	0.0051		8.50	0.79	
804	S	4H	FLAC	Case	deca	5.80	0.0026	8.8	7.80	0.95	
805	S	4H	SAPO	Chry	pauc	5.60	0.0024		7.45	1.70	
806	S	4H	MYRS	Ardi	obov	5.30	0.0022		9.00	2.00	

APPENDIX II. (Continued)

807	S	4H	NYCT	Guap	frag	46.20	0.1676		7.25	2.85	
808	S	4H	LAUR	Ocot	cori	9.80	0.0075		5.05	4.35	
809	S	4H	MYRS	Ardi	obov	5.30	0.0022		9.10	5.20	
810	S	4H	NYCT	Guap	frag	40.30	0.1275	16.4	9.25	8.60	
811	S	4H	MYRS	Ardi	obov	6.80	0.0036		5.05	6.60	
812	S	4H	MYRS	Ardi	obov	7.80	0.0047		3.55	8.70	
813	S	4H	SAPO	Chry	pauc	17.80	0.0248		4.01	6.45	
814	S	4H	MYRS	Ardi	obov	5.00	0.0019		1.70	9.95	
815	S	4H	MYRS	Ardi	obov	6.10	0.0029		4.45	5.50	
816	S	4H	FLAC	Case	guia	6.30	0.0031	3.0	2.50	4.40	
817	S	4H	MYRS	Ardi	obov	7.30	0.0041		2.90	2.35	
818	S	4H	MYRS	Ardi	obov	5.20	0.0021		2.35	1.35	
819	S	4H	RUBI	Guet	parv	15.20	0.0181		0.12	2.05	
820	S	4G	MYRS	Ardi	obov	9.00	0.0063		7.55	1.25	
821	M	4G	MYRS	Ardi	obov	9.10	0.0065		9.65	2.90	
822	M	4G	MYRS	Ardi	obov	5.90	0.0027		9.59	2.80	
823	S	4G	MYRS	Ardi	obov	6.40	0.0032		9.30	5.00	
824	S	4G	SAPO	Chry	pauc	5.00	0.0019		6.45	4.80	
825	S	4G	MYRS	Ardi	obov	5.40	0.0022		7.25	6.80	
826	S	4G	FABA	Andi	iner	7.80	0.0047		7.35	7.60	DEAD 7/86
827	S	4G	MYRT	Psid	ampl	5.60	0.0024	4.0	4.55	9.10	
828	S	4G	MYRS	Ardi	obov	8.50	0.0056		3.85	9.20	
829	S	4G	MYRS	Ardi	obov	5.40	0.0022		2.35	8.25	
830	S	4G	MYRS	Ardi	obov	7.10	0.0039		2.00	7.10	
831	S	4G	EUPH	Marg	nobi	46.60	0.1705	17.6	1.75	7.05	
832	S	4G	MYRS	Ardi	obov	9.60	0.0072		0.75	7.85	
833	S	4G	RUTA	Zant	mart	17.50	0.0240		2.80	5.70	
834	S	4G	MYRS	Ardi	obov	6.00	0.0028		2.95	5.85	
835	S	4G	MYRS	Ardi	obov	5.50	0.0023		3.75	5.95	
836	S	4G	MYRS	Ardi	obov	11.30	0.0100		5.00	5.40	
837	S	4G	MYRS	Ardi	obov	6.30	0.0031		5.20	3.15	
838	M	4G	MYRS	Ardi	obov	6.30	0.0031		4.60	3.30	
839	M	4G	MYRS	Ardi	obov	6.00	0.0028		4.51	3.25	
840	S	4G	MYRS	Ardi	obov	7.40	0.0043		2.45	2.75	
841	S	4G	MYRS	Ardi	obov	6.50	0.0033		4.40	1.90	
842	M	4G	MYRS	Ardi	obov	6.10	0.0029		2.21	1.20	
843	M	4G	MYRS	Ardi	obov	10.30	0.0083		2.05	1.15	
844	S	4F	MYRS	Ardi	obov	7.80	0.0047		9.45	2.70	
845	S	4F	MYRS	Ardi	obov	5.30	0.0022		8.40	1.25	
846	S	4F	MYRT	Psid	ampl	5.40	0.0022	6.7	7.08	0.65	
847	S	4F	FABA	Andi	iner	19.80	0.0307	14.9	7.64	2.65	
848	S	4F	MYRS	Ardi	obov	7.10	0.0039		6.90	3.60	
849	S	4F	MYRT	Psid	ampl	5.30	0.0022		8.95	5.45	SICK11/85
850	S	4F	MYRT	Psid	ampl	5.10	0.0020	3.6	8.00	5.20	
851	S	4F	SAPO	Chry	pauc	11.30	0.0100		7.40	7.80	
852	S	4F	MYRS	Ardi	obov	5.10	0.0020		7.85	8.55	
853	S	4F	MYRS	Ardi	obov	6.10	0.0029		4.30	8.35	WIHROWN86
854	S	4F	MYRT	Psid	ampl	6.30	0.0031	7.6	3.85	7.30	

APPENDIX II. (Continued)

855	S	4F	FABA	Andi	iner	8.00	0.0050		1.95	8.05	
856	S	4F	FABA	Andi	iner	6.00	0.0028		2.35	7.02	
857	S	4F	MYRS	Ardi	obov	7.10	0.0039		0.80	5.45	
858	S	4F	FABA	Andi	iner	15.60	0.0191	12.5	3.75	5.65	
859	S	4F	MYRS	Ardi	obov	8.20	0.0052		4.95	3.95	
860	S	4F	THYM	Daph	amer	11.20	0.0098	12.5	4.75	2.35	
861	S	4F	CAPP	Capp	ampl	6.30	0.0031	9.4	3.95	2.20	
862	S	4F	MIMO	Inga	fagi	27.50	0.0593	18.2	3.75	2.45	
863	S	4F	MYRS	Ardi	obov	6.40	0.0032		4.60	0.89	
864	S	4F	MYRS	Ardi	obov	6.90	0.0037	6.4	0.69	1.65	
865	S	4E	FABA	Andi	iner	11.20	0.0098	1.7	9.65	0.35	
866	S	4E	MYRS	Ardi	obov	5.30	0.0022		7.80	1.10	
867	S	4E	MYRS	Ardi	obov	5.20	0.0021		7.25	2.90	WITHROWN85
868	S	4E	NYCT	Guap	frag	42.40	0.1411	18.2	5.55	3.75	
869	S	4E	MYRS	Ardi	obov	5.10	0.0020		8.15	5.40	
870	S	4E	MYRT	Psid	ampl	6.80	0.0036	7.3	9.00	5.80	
871	S	4E	CAES	Hyme	cour	34.50	0.0934	18.8	5.50	5.75	
872	S	4E	LAUR	Ocot	cori	16.30	0.0208	16.4	2.30	7.45	
873	S	4E	MYRS	Ardi	obov	5.40	0.0022		1.25	7.10	
874	S	4E	SAPI	Meli	biju	7.90	0.0049	7.6	4.80	3.20	
875	S	4E	MYRS	Ardi	obov	5.20	0.0021		0.71	1.45	
876	S	4D	MYRS	Ardi	obov	8.10	0.0051		6.70	0.45	
877	S	4D	NYCT	Guap	frag	11.80	0.0109	13.4	5.55	2.70	
878	S	4D	FABA	Andi	iner	8.40	0.0055		5.65	3.00	
879	S	4D	SAPI	Meli	biju	6.80	0.0036	8.8	6.45	5.40	
880	S	4D	SAPO	Chry	pauc	19.20	0.0289	15.5	7.10	6.00	
881	S	4D	RUBI	Fara	occi	6.80	0.0036	5.5	6.90	7.00	
882	S	4D	MYRS	Ardi	obov	5.10	0.0020		2.60	7.50	
883	S	4D	MYRS	Ardi	obov	5.20	0.0021		1.15	3.65	
884	S	4C	STER	Guaz	ulmi	44.80	0.1576		9.25	0.45	
885	S	4C	MYRS	Ardi	obov	7.30	0.0041		7.65	0.52	
886	S	4C	MIMO	Inga	fagi	5.20	0.0021		6.45	1.35	
887	S	4C	MIMO	Inga	fagi	22.80	0.0408		4.25	3.70	
888	S	4C	MIMO	Inga	fagi	32.20	0.0814		6.35	6.90	
889	S	4C	RUBI	Guet	scab	15.70	0.0193	13.7	7.54	7.50	
890	S	4C	MYRS	Ardi	obov	9.10	0.0065		8.95	8.00	
891	S	4C	LAUR	Ocot	cori	5.70	0.0025		7.95	9.00	
892	S	4C	RUBI	Guet	scab	8.20	0.0052	8.5	6.40	9.90	
893	S	4C	FABA	Andi	iner	6.50	0.0033		9.75	1.35	
894	S	4C	MYRS	Ardi	obov	7.70	0.0046		0.85	4.05	
895	S	4C	NYCT	Guap	frag	22.90	0.0411	15.5	0.10	4.05	
896	S	4C	SAPO	Chry	pauc	19.70	0.0304		1.00	2.65	
897	S	4C	MYRS	Ardi	obov	9.40	0.0069		4.20	4.40	
898	S	4C	CAPP	Capp	ampl	18.50	0.0268	14.0	2.50	2.05	
899	S	4C	MYRS	Ardi	obov	6.30	0.0031		2.65	2.20	
900	S	4C	BIGN	Tabe	hete	12.30	0.0118	12.2	3.45	1.55	
901	S	4C	FABA	Andi	iner	26.10	0.0535		5.01	1.20	
902	S	4B	MYRS	Ardi	obov	11.30	0.0100		6.35	2.20	

APPENDIX II. (Continued)

903	S	4B	FABA	Andi	iner	6.20	0.0030		5.60	4.05	
904	S	4B	MYRS	Ardi	obov	5.20	0.0021		6.50	4.20	
905	S	4B	FABA	Andi	iner	9.60	0.0072		6.25	4.95	
906	S	4B	NYCT	Guap	frag	22.70	0.0404		7.31	5.35	
907	S	4B	FABA	Andi	iner	7.60	0.0045		8.99	5.00	
908	S	4B	MYRS	Ardi	obov	7.00	0.0038		9.90	5.65	
909	S	4B	FABA	Sabi	flor	6.90	0.0037	7.6	9.80	7.00	
910	M	4B	MYRS	Ardi	obov	9.40	0.0069	9.1	8.35	9.60	
911	M	4B	MYRS	Ardi	obov	5.10	0.0020		8.25	9.60	
912	S	4B	FABA	Andi	iner	9.60	0.0072		7.75	8.85	
913	S	4B	FABA	Andi	iner	17.20	0.0232		6.05	9.75	
914	S	4B	MYRS	Ardi	obov	10.70	0.0089		5.10	8.35	
915	S	4B	FABA	Andi	iner	13.70	0.0147		6.90	6.10	WITHROWN85
916	S	4B	FABA	Andi	iner	6.10	0.0029		5.85	5.80	
917	S	4B	RUBI	Guet	scab	7.10	0.0039		2.85	9.55	
918	S	4B	MYRS	Ardi	obov	6.20	0.0030		3.05	4.30	
919	S	4B	MYRS	Ardi	obov	6.70	0.0035		2.35	4.20	
920	S	4B	FABA	Andi	iner	17.00	0.0226	11.6	2.30	3.30	
921	S	4B	MYRS	Ardi	obov	5.30	0.0022		4.20	2.25	
922	S	4B	LAUR	Ocot	cori	9.70	0.0073	12.5	0.85	0.65	
923	S	4B	NYCT	Guap	frag	43.30	0.1472	14.0	0.15	0.85	
924	S	4A	MYRS	Ardi	obov	11.80	0.0109		9.85	5.15	
925	S	4A	CAES	Hyme	cour	22.80	0.0408	14.3	8.35	5.10	
926	S	4A	ERYT	Eryt	rotu	6.00	0.0028	7.0	6.40	0.66	
927	S	4A	ERYT	Eryt	rotu	6.40	0.0032	6.7	4.35	2.20	
928	S	4A	LAUR	Ocot	cori	6.30	0.0031		3.95	3.00	
929	S	4A	BORA	Bour	succ	6.20	0.0030	7.6	6.95	4.50	
930	M	4A	LAUR	Ocot	cori	9.00	0.0063		9.65	5.80	
931	M	4A	LAUR	Ocot	cori	17.10	0.0229	10.0	9.90	5.50	
932	S	4A	MYRS	Ardi	obov	10.70	0.0089		7.65	7.80	
933	S	4A	BORA	Bour	succ	5.50	0.0023	7.0	8.75	9.75	
934	S	4A	RUBI	Guet	scab	5.70	0.0025	7.6	7.00	9.55	
935	S	4A	MYRS	Ardi	obov	5.80	0.0026		6.20	8.50	
936	S	4A	MYRS	Ardi	obov	9.30	0.0067		4.90	9.85	
937	S	4A	BORA	Cord	alli	17.10	0.0229	11.2	3.10	9.40	
938	M	4A	LAUR	Ocot	cori	9.50	0.0070		7.50	6.00	WITHROWN85
939	M	4A	LAUR	Ocot	cori	6.30	0.0031		7.60	0.85	
940	S	4A	THYM	Daph	amer	7.60	0.0045	7.6	1.50	5.95	
941	S	4A	MYRS	Ardi	obov	5.00	0.0019		1.60	6.10	
942	S	4A	NYCT	Guap	frag	6.70	0.0035		0.40	4.40	
943	S	4A	MYRS	Ardi	obov	7.40	0.0043		0.50	4.00	
944	S	4A	THYM	Daph	amer	14.30	0.0160	9.4	2.30	3.10	
945	S	4A	THYM	Daph	amer	5.20	0.0021	6.4	2.25	3.40	
946	S	4A	ERYT	Eryt	rotu	6.90	0.0037	5.2	4.05	6.90	
947	S	4A	ERYT	Eryt	rotu	7.20	0.0040	9.1	5.80	5.70	
948	S	4A	FABA	Sabi	flor	6.70	0.0035		3.10	2.10	
949	S	4A	BORA	Cord	alli	12.80	0.0128	11.2	0.85	1.70	
950	S	4A	EUPH	Marg	nobi	14.70	0.0169	12.5	0.15	0.10	

APPENDIX II. (Continued)

951	S	5A	FABA	Sabi	flor	5.30	0.0022	5.2	2.21	0.90	
952	S	5A	NYCT	Guap	frag	5.20	0.0021		2.10	2.45	DEAD 7/86
953	S	5A	FABA	Sabi	flor	6.90	0.0037	3.6	1.25	4.35	
954	S	5A	FABA	Andi	iner	7.00	0.0038		2.15	5.20	SICK11/85
955	S	5A	MIMO	Inga	fagi	11.10	0.0096	11.2	3.00	4.55	
956a	M	5A	CLUS	Clus	rose	9.10	0.0065	13.7	2.90	5.20	
956b	M	5A	CLUS	Clus	rose	26.20	0.0539		2.90	5.20	
957	S	5A	NYCT	Guap	frag	12.50	0.0122		2.95	6.30	
958	S	5A	CAES	Hyme	cour	7.90	0.0049	9.1	2.90	7.95	
959	S	5A	FABA	Andi	iner	9.20	0.0066		1.70	7.85	
960	S	5A	THYM	Daph	amer	9.50	0.0070		1.85	8.70	
961	S	5A	MYRS	Ardi	obov	7.50	0.0044		2.05	9.60	
962	S	5A	FABA	Sabi	flor	6.20	0.0030		2.95	9.10	
963	S	5A	THYM	Daph	amer	9.20	0.0066	11.9	6.20	7.00	
964	S	5A	SAPI	Meli	biju	5.40	0.0022	6.1	6.75	8.90	
965	S	5A	NYCT	Guap	frag	12.20	0.0116		7.25	9.80	
966	S	5A	MYRS	Ardi	obov	9.60	0.0072		7.65	8.40	
967	S	5A	MYRS	Ardi	obov	7.60	0.0045		8.25	8.50	
968	S	5A	THYM	Daph	amer	9.20	0.0066	11.6	9.05	7.20	
969	S	5A	SAPO	Chry	pauc	7.90	0.0049	8.8	8.60	6.50	
970	S	5A	MYRS	Ardi	obov	8.90	0.0062		7.80	6.80	
971	S	5A	MYRT	Euge	mont	5.90	0.0027	9.1	7.40	5.40	
972	S	5A	NYCT	Guap	frag	6.80	0.0036		7.35	4.10	
973	S	5A	FABA	Sabi	flor	5.70	0.0025	8.8	8.05	2.90	
974	S	5A	NYCT	Guap	frag	29.60	0.0688		8.60	2.60	
975	S	5A	FABA	Sabi	flor	6.20	0.0030	6.7	8.55	5.10	
976	S	5B	MYRT	Myrc	flor	9.50	0.0070		0.98	0.85	
977	S	5B	FABA	Andi	iner	6.00	0.0028		1.22	0.95	
978	M	5B	NYCT	Guap	frag	12.60	0.0124		2.61	4.60	
979	M	5B	NYCT	Guap	frag	27.70	0.0602		3.10	4.75	
980	M	5B	NYCT	Guap	frag	6.90	0.0037		2.89	4.95	
981	S	5B	MYRT	Euge	mont	7.10	0.0039	9.7	2.00	3.65	
982	S	5B	MYRT	Euge	mont	5.00	0.0019	5.8	1.35	3.95	
983	S	5B	MYRT	Euge	mont	6.10	0.0029	8.5	0.95	4.40	
984	S	5B	MYRT	Euge	mont	7.90	0.0049		1.25	5.45	
985	S	5B	RUBI	Guet	scab	7.40	0.0043	10.9	0.65	9.40	
986	S	5B	MYRS	Ardi	obov	5.60	0.0024		2.65	9.80	
987	S	5B	MYRS	Ardi	obov	5.80	0.0026	7.0	3.50	8.15	
988	S	5B	FABA	Andi	iner	12.60	0.0124		4.60	6.80	
989	S	5B	MYRS	Ardi	obov	5.70	0.0025		6.75	6.15	
990	S	5B	EUPH	Marg	nobi	18.00	0.0254	13.4	5.50	6.05	
991	S	5B	EUPH	Marg	nobi	19.50	0.0298	11.2	6.15	6.50	
992	S	5B	MYRS	Ardi	obov	6.50	0.0033		5.95	8.90	
993	S	5B	MYRS	Ardi	obov	5.50	0.0023		6.90	0.95	
994	S	5B	FABA	Sabi	flor	5.70	0.0025	7.3	8.35	9.00	
995	S	5B	RUBI	Guet	scab	9.10	0.0065	15.2	9.90	7.90	
996	S	5B	MYRS	Ardi	obov	6.50	0.0033		9.20	7.20	
997	S	5B	THYM	Daph	amer	5.30	0.0022	7.0	9.95	7.10	

APPENDIX II. (Continued)

998	S	5B	MYRS	Ardi	obov	6.50	0.0033		8.30	4.60	
999	S	5B	BORA	Bour	succ	6.90	0.0037		7.90	3.50	
1000	S	5B	FABA	Andi	iner	8.80	0.0060		8.05	3.00	
1201	M	5B	LAUR	Ocot	cori	12.10	0.0114	9.4	4.45	2.00	
1202	M	5B	LAUR	Ocot	cori	6.00	0.0028		4.41	1.80	
1203	S	5B	NYCT	Guap	frag	12.60	0.0124		5.33	0.10	
1204	S	5B	SAPO	Chry	pauc	12.40	0.0120		6.20	0.52	
1205	S	5B	MYRS	Ardi	obov	10.10	0.0080		8.40	1.40	
1206	S	5B	THYM	Daph	amer	8.70	0.0059	14.0	9.65	2.20	
1207	S	5C	EUPH	Marg	nobi	38.40	0.1158	14.6	2.21	0.90	
1208	S	5C	BIGN	Tabe	hete	9.90	0.0076	10.3	4.40	0.78	
1209	S	5C	EUPH	Marg	nobi	8.60	0.0058	8.2	3.90	1.10	SICK11/85
1210	S	5C	MYRS	Ardi	obov	8.00	0.0050		2.95	1.90	
1211	S	5C	SAPO	Chry	pauc	6.10	0.0029	9.1	1.40	2.25	
1212	S	5C	NYCT	Guap	frag	6.20	0.0030		3.15	2.90	
1213	S	5C	MYRS	Ardi	obov	7.30	0.0041		0.55	3.60	
1214	S	5C	MORA	Ficu	trig	63.30	0.3147	19.1	3.80	4.80	
1215	S	5C	LAUR	Ocot	cori	5.60	0.0024		3.10	7.60	
1216	S	5C	FABA	Andi	iner	8.90	0.0062		6.50	7.60	
1217	M	5C	BIGN	Tabe	hete	6.60	0.0034	6.7	9.80	9.75	
1218	M	5C	BIGN	Tabe	hete	6.70	0.0035		9.90	9.95	
1219	S	5C	BIGN	Tabe	hete	9.00	0.0063	10.6	9.50	4.60	
1220	S	5C	FABA	Sabi	flor	6.40	0.0032	7.9	9.55	4.50	
1221	S	5C	CLUS	Clus	rose	32.80	0.0844	18.8	9.70	4.40	
1222	S	5C	MYRS	Ardi	obov	5.60	0.0024		5.30	1.65	
1223	S	5C	EUPH	Marg	nobi	6.20	0.0030	6.7	6.21	1.50	
1224	S	5C	FABA	Andi	iner	22.00	0.0380	16.4	6.10	3.35	
1225	S	5C	MYRS	Ardi	obov	7.50	0.0044		8.20	2.40	
1226	S	5C	RUBI	Guet	scab	15.50	0.0188	13.7	8.15	3.05	
1227	S	5D	BIGN	Tabe	hete	18.30	0.0263	15.8	0.20	3.15	
1228	S	5D	LAUR	Ocot	cori	7.60	0.0045	10.6	2.25	2.40	
1229	S	5D	RUBI	Guet	scab	6.10	0.0029	8.8	2.00	4.00	
1230	S	5D	MYRS	Ardi	obov	6.50	0.0033		1.20	5.50	
1231	S	5D	BIGN	Tabe	hete	15.70	0.0193		1.05	6.50	
1232	S	5D	RUBI	Guet	scab	14.10	0.0156		1.12	6.80	
1233	S	5D	RUBI	Guet	scab	10.00	0.0078		0.98	7.20	
1234	S	5D	BIGN	Tabe	hete	9.10	0.0065		1.01	8.65	
1235	M	5D	BIGN	Tabe	hete	6.90	0.0037		2.45	9.50	
1236	M	5D	BIGN	Tabe	hete	11.00	0.0095		2.65	9.70	
1237	S	5D	MYRS	Ardi	obov	6.00	0.0028		2.65	9.70	
1238	S	5D	EUPH	Marg	nobi	18.60	0.0271	11.2	5.90	9.80	
1239	S	5D	MIMO	Inga	fagi	29.20	0.0669	18.2	6.20	8.85	
1240	S	5D	MYRS	Ardi	obov	6.20	0.0030		6.60	8.65	
1241	S	5D	RUBI	Guet	scab	8.90	0.0062	10.9	8.85	9.50	
1242	S	5D	BIGN	Tabe	hete	5.70	0.0025	6.4	8.95	9.00	
1243	S	5D	MYRS	Ardi	obov	8.60	0.0058	8.8	8.95	8.50	
1244	S	5D	BIGN	Tabe	hete	8.70	0.0059		7.00	7.65	
1245	S	5D	MYRS	Ardi	obov	6.30	0.0031		3.10	7.40	

APPENDIX II. (Continued)

1246	M		5D	FABA	Andi iner	9.20	0.0066		6.95	6.15
1247	M		5D	FABA	Andi iner	6.40	0.0032		6.92	6.00
1248		S	5D	BORA	Bour succ	11.10	0.0096	10.6	7.20	5.30
1249		S	5D	MYRT	Euge mont	6.70	0.0035	8.2	7.45	5.40
1250		S	5D	BIGN	Tabe hete	12.40	0.0120		6.85	5.30
1251		S	5D	MYRS	Ardi obov	6.20	0.0030		5.60	3.60
1252		S	5D	RUBI	Guet scab	19.20	0.0289		7.60	3.55
1253		S	5D	MIMO	Inga fagi	35.60	0.0995	18.2	7.90	2.30
1254		S	5D	FLAC	Case sylv	5.00	0.0019	6.7	5.80	1.50
1255		S	5E	MIMO	Inga fagi	14.20	0.0158		1.45	0.20
1256		S	5E	MIMO	Inga fagi	17.30	0.0235		1.72	1.05
1257		S	5E	MIMO	Inga fagi	18.10	0.0257		2.65	1.15
1258		S	5E	MYRT	Myrc flor	6.80	0.0036	8.5	4.32	0.75
1259		S	5E	SAPI	Meli biju	12.50	0.0122	13.4	4.85	1.85
1260		S	5E	MYRS	Ardi obov	6.40	0.0032		4.20	2.95
1261		S	5E	MYRS	Ardi obov	8.90	0.0062		1.15	4.05
1262		S	5E	FABA	Andi iner	16.80	0.0221	17.6	0.35	7.50
1263		S	5E	MYRS	Ardi obov	5.30	0.0022		0.15	8.00
1264		S	5E	MYRS	Ardi obov	11.50	0.0103		2.45	9.90
1265		S	5E	MYRS	Ardi obov	6.80	0.0036		2.45	9.80
1266		S	5E	SAPI	Cupa triq	8.80	0.0060	12.5	3.80	7.75
1267		S	5E	MIMO	Inga fagi	14.60	0.0167	16.1	9.75	9.95
1268		S	5E	LAUR	Ocot cori	13.00	0.0132		8.25	6.50
1269		S	5E	MYRS	Ardi obov	10.60	0.0088		7.65	2.25
1270		S	5F	SAPI	Meli biju	5.10	0.0020	4.0	1.10	1.45
1271		S	5F	MYRT	Psid ampl	5.20	0.0021		1.25	2.10
1272		S	5F	MYRS	Ardi obov	5.00	0.0019	5.2	1.15	2.60
1273		S	5F	MYRS	Ardi obov	13.30	0.0138		0.15	3.50
1274		S	5F	FLAC	Case guia	8.20	0.0052		0.98	5.60
1275		S	5F	MIMO	Inga fagi	35.70	0.1000		0.60	6.15
1276		S	5F	SAPO	Chry pauc	24.50	0.0471	18.5	2.40	9.90
1277		S	5F	LAUR	Ocot cori	13.00	0.0132	10.6	3.65	6.65
1278		S	5F	MYRS	Ardi obov	6.30	0.0031		2.80	8.25
1279		S	5F	CAES	Hyme cour	23.60	0.0437	17.3	9.55	9.90
1280		S	5F	CAES	Hyme cour	43.20	0.1465	20.1	9.10	8.00
1281		S	5F	LAUR	Ocot cori	8.70	0.0059		7.60	7.55
1282		S	5F	MYRS	Ardi obov	6.50	0.0033		6.90	5.85
1283		S	5F	BORA	Cord coll	9.10	0.0065	11.2	7.25	4.55
1284		S	5F	SAPI	Meli biju	12.80	0.0128	14.9	4.55	5.45
1285		S	5F	FABA	Andi iner	27.40	0.0589		4.30	5.90
1286		S	5F	MYRS	Ardi obov	5.00	0.0019		2.40	3.25
1287		S	5F	MYRS	Ardi obov	13.20	0.0136		3.80	1.60
1288		S	5F	MYRS	Ardi obov	12.30	0.0118		6.55	1.38
1289		S	5F	MIMO	Inga fagi	10.20	0.0081	12.8	8.45	3.65
1290		S	5F	FABA	Andi iner	18.20	0.0260		9.50	0.62
1291		S	5G	MYRS	Ardi obov	5.30	0.0022		0.75	1.25
1292		S	5G	MYRS	Ardi obov	6.70	0.0035		1.75	2.25
1293		S	5G	MYRS	Ardi obov	6.90	0.0037		3.41	0.82

APPENDIX II. (Continued)

1294	S	5G	MYRS	Ardi	obov	9.90	0.0076		4.15	2.05	
1295	S	5G	MYRS	Ardi	obov	8.00	0.0050		2.55	3.40	
1296	S	5G	MYRS	Ardi	obov	5.00	0.0019		2.91	4.35	
1297	S	5G	MYRS	Ardi	obov	11.60	0.0105		0.95	3.85	
1298	S	5G	MYRS	Ardi	obov	11.90	0.0111		0.22	4.70	
1299	S	5G	MYRS	Ardi	obov	6.80	0.0036		1.05	5.70	
1300	S	5G	MYRS	Ardi	obov	8.10	0.0051		2.65	6.35	
1301	S	5G	MIMO	Inga	fagi	14.50	0.0165		9.95	0.50	
1302	S	5G	MIMO	Inga	fagi	7.80	0.0047		2.36	7.60	
1303	S	5G	MYRS	Ardi	obov	6.60	0.0034		2.40	9.90	
1304	S	5G	MYRS	Ardi	obov	9.50	0.0070		4.05	8.30	
1305	S	5G	MYRS	Ardi	obov	5.40	0.0022		6.85	9.00	
1306	S	5G	FLAC	Case	deca	6.20	0.0030	11.2	8.80	9.90	DEAD11/85
1307	S	5G	MYRS	Ardi	obov	11.70	0.0107		8.95	9.80	
1308	S	5G	MYRS	Ardi	obov	6.00	0.0028		9.45	9.15	
1309	S	5G	MYRS	Ardi	obov	11.30	0.0100		9.80	7.30	
1310	S	5G	MYRS	Ardi	obov	10.50	0.0086		9.00	7.20	
1311	S	5G	MYRS	Ardi	obov	10.10	0.0080		5.65	7.70	
1312	M	5G	MYRS	Ardi	obov	12.50	0.0122		6.10	4.80	
1313	M	5G	MYRS	Ardi	obov	10.20	0.0081		6.20	4.60	
1314	S	5G	SAPO	Chry	pauc	5.60	0.0024		8.10	3.90	
1315	S	5G	MYRS	Ardi	obov	5.40	0.0022		6.35	2.20	
1316	S	5G	MYRS	Ardi	obov	9.30	0.0067		9.52	3.55	
1317	S	5G	MYRS	Ardi	obov	7.70	0.0046	9.7	8.45	2.60	
1318	S	5G	MYRS	Ardi	obov	6.90	0.0037		9.10	2.40	
1319	S	5H	SAPI	Meli	biju	5.40	0.0022	7.9	0.45	4.00	
1320	S	5H	SAPI	Meli	biju	11.20	0.0098	8.5	3.30	0.10	
1321	S	5H	MYRS	Ardi	obov	6.80	0.0036		3.35	1.65	
1322	S	5H	NYCT	Guap	frag	20.30	0.0323	13.1	1.85	3.45	
1323	S	5H	SAPO	Chry	pauc	9.20	0.0066		2.75	4.90	
1324	S	5H	MYRS	Ardi	obov	10.70	0.0089		7.20	1.85	
1325	S	5H	NYCT	Guap	frag	11.20	0.0098		0.13	9.00	
1326	S	5H	STER	Guaz	ulmi	50.60	0.2010	15.2	2.60	8.65	
1327	S	5H	MYRS	Ardi	obov	7.60	0.0045		6.35	9.40	
1328	S	5H	SAPO	Chry	pauc	9.60	0.0072		7.95	9.45	
1329	S	5H	FLAC	Case	guia	5.40	0.0022	7.0	6.90	6.50	
1330	S	5H	MYRS	Ardi	obov	5.90	0.0027		5.75	8.10	
1331	S	5H	SAPO	Chry	egge	21.70	0.0369	18.8	5.35	6.55	
1332	S	5H	MYRS	Ardi	obov	7.70	0.0046		7.00	6.30	
1333	S	5H	MIMO	Inga	fagi	23.10	0.0419	12.2	7.05	4.70	
1334	S	5H	MYRS	Ardi	obov	5.40	0.0022		3.80	4.20	
1335	S	5H	MYRS	Ardi	obov	5.60	0.0024		7.60	2.30	
1336	S	5H	SAPO	Chry	egge	16.20	0.0206	13.4	8.60	2.55	
1337	S	5H	SAPI	Meli	biju	6.80	0.0036	7.3	9.65	2.00	
1338	S	5H	MYRS	Ardi	obov	9.80	0.0075		8.05	0.89	
1339	S	5H	MYRS	Ardi	obov	7.70	0.0046		8.85	1.10	
1340	S	5I	FLAC	Case	guia	5.80	0.0026	8.8	0.08	0.55	
1341	S	5I	MYRS	Ardi	obov	11.20	0.0098		1.90	1.70	

APPENDIX II. (Continued)

1342	S	5I	FLAC	Case	guia	8.80	0.0060	10.6	3.45	1.95	
1343	S	5I	MYRS	Ardi	obov	7.00	0.0038		3.45	2.05	
1344	S	5I	MYRS	Ardi	obov	5.40	0.0022		0.75	3.65	
1345	S	5I	MYRS	Ardi	obov	6.30	0.0031		2.90	4.95	
1346	S	5I	NYCT	Guap	frag	33.80	0.0897		2.55	6.10	
1347	S	5I	FLAC	Case	guia	5.70	0.0025	8.2	0.75	7.65	
1348	S	5I	MORA	Ficu	trig	39.50	0.1225	14.6	2.58	8.60	
1349	S	5I	FLAC	Case	guia	5.00	0.0019		4.70	6.40	DEAD 7/86
1350	S	5I	MYRS	Ardi	obov	7.90	0.0049	9.7	5.40	6.30	
1351	S	5I	NYCT	Guap	frag	34.10	0.0913		7.54	8.60	
1352	S	5I	LAUR	Ocot	cori	10.10	0.0080	9.1	8.65	9.65	
1353	S	5I	MYRS	Ardi	obov	6.60	0.0034		8.70	8.50	
1354	S	5I	MYRS	Ardi	obov	7.70	0.0046		6.25	9.65	
1355	S	5I	MYRS	Ardi	obov	7.20	0.0040		6.75	6.30	
1356	S	5I	NYCT	Guap	frag	31.90	0.0799		6.45	4.00	
1357	S	5I	MYRS	Ardi	obov	7.10	0.0039		6.60	4.00	
1358	S	5I	MYRS	Ardi	obov	7.20	0.0040		6.90	3.60	
1359	S	5I	MYRS	Ardi	obov	9.60	0.0072		8.35	4.35	
1360	S	5I	FLAC	Case	guia	14.50	0.0165	12.8	9.20	4.85	
1361	S	5I	NYCT	Guap	frag	7.30	0.0041	9.1	7.05	2.90	
1362	S	5I	MIMO	Inga	fagi	5.60	0.0024	6.7	4.70	0.97	
1363	S	5I	MYRS	Ardi	obov	10.50	0.0086		7.30	1.10	
1364	S	5I	FLAC	Case	guia	11.50	0.0103	12.2	8.01	0.58	
1365	S	5I	SAPO	Chry	pauc	11.50	0.0103	11.6	9.82	0.71	
1366	S	5J	MYRS	Ardi	obov	9.40	0.0069		0.40	1.35	
1367	S	5J	LAUR	Ocot	cori	8.00	0.0050		3.25	2.05	
1368	S	5J	LAUR	Ocot	cori	5.80	0.0026		3.90	4.15	
1369	S	5J	MYRS	Ardi	obov	7.10	0.0039		0.30	4.10	
1370	M	5J	SAPI	Meli	biju	10.10	0.0080		0.35	6.60	
1371	M	5J	SAPI	Meli	biju	21.60	0.0366	14.0	0.25	6.75	
1372	M	5J	SAPI	Meli	biju	20.10	0.0317		0.45	6.95	
1373	M	5J	SAPI	Meli	biju	19.30	0.0292		0.60	6.70	
1374	S	5J	MYRS	Ardi	obov	5.80	0.0026		1.25	7.45	
1375	S	5J	FLAC	Case	guia	5.30	0.0022	8.2	1.32	7.30	
1376	S	5J	FLAC	Case	guia	7.40	0.0043	9.4	2.90	9.20	
1377	S	5J	CLUS	Clus	rose	32.50	0.0829	10.0	3.40	5.60	
1378	S	5J	MYRS	Ardi	obov	6.50	0.0033		4.80	8.70	
1379	S	5J	SAPI	Meli	biju	14.40	0.0162	11.2	5.65	8.25	
1380	S	5J	MYRS	Ardi	obov	6.30	0.0031		9.00	8.10	
1381	S	5J	MYRT	Myrc	flor	8.10	0.0051	10.3	9.70	8.35	
1382	S	5J	MYRS	Ardi	obov	5.80	0.0026		9.96	7.00	
1383	S	5J	MYRS	Ardi	obov	5.90	0.0027		8.80	6.60	
1384	S	5J	NYCT	Guap	frag	33.10	0.0860	14.0	7.75	5.40	
1385	S	5J	RUBI	Guet	parv	8.40	0.0055		7.50	5.00	DEAD 7/86
1386	S	5J	LAUR	Ocot	cori	5.80	0.0026	7.6	6.30	4.80	
1387	S	5J	SAPO	Chry	pauc	5.90	0.0027		5.55	3.35	
1388	M	5J	MYRS	Ardi	obov	8.60	0.0058		6.10	1.30	
1389	M	5J	MYRS	Ardi	obov	5.00	0.0019		6.10	1.36	

APPENDIX II. (Continued)

1390	S	5J	MYRS	Ardi	obov	7.10	0.0039		6.40	0.30
1391	S	5J	MYRS	Ardi	obov	6.50	0.0033		7.31	3.80
1392	S	5J	FLAC	Case	guia	10.50	0.0086		7.95	4.40
1393	S	5J	MYRS	Ardi	obov	5.30	0.0022		8.02	4.35
1394	M	5J	MYRS	Ardi	obov	6.50	0.0033		8.97	1.40
1395	M	5J	MYRS	Ardi	obov	7.40	0.0043	7.3	9.25	1.65
						1199	15.82			

DATA SHEETS FOR ST. JOHN FOREST DYNAMICS STUDY

Date: August, 1987
Plot Number: 3(1A-5J)
Plot Locale: Hawksnest

TAG	STM	SPLT	FAM	SPECIES	DBH86	BA	AREA	HGT	X	Y
nn	S	1A	DEAD	STEM	6.72	0.0035			---	---
nn	S	1C	DEAD	STEM	7.72	0.0046			---	---
nn	S	1C	DEAD	STEM	8.10	0.0051			---	---
nn	S	1C	DEAD	STEM	7.24	0.0041			---	---
nn	S	1C	DEAD	STEM	8.90	0.0062			---	---
nn	S	1D	DEAD	STEM	10.80	0.0091			---	---
nn	S	1D	DEAD	STEM	8.50	0.0056			---	---
nn	S	1E	DEAD	STEM	8.90	0.0062			---	---
nn	S	5C	FABA	Andi iner	14.90	0.0174			---	---
1	S	1A	MYRC	Ardi obov	8.30	0.0054			0.05	2.71
2	S	1A	LAUR	Ocot cori	6.73	0.0035			0.70	3.31
3	S	1A	MYRC	Ardi obov	6.53	0.0033			1.80	3.01
4	S	1A	FABA	Sabi flor	8.61	0.0058		6.07	2.05	3.99
5	S	1A	LAUR	Ocot cori	6.63	0.0034			1.65	5.15
6	S	1A	LAUR	Ocot cori	5.85	0.0026			0.70	8.05
7	S	1A	SAPI	Meli biju	6.00	0.0028			3.55	9.82
8	S	1A	POLY	Cocc micr	15.20	0.0181			8.40	9.59
9	M	1A	SAPI	Meli biju	5.69	0.0025			8.70	8.05
10	M	1A	SAPI	Meli biju	6.49	0.0033			8.55	7.90
11	M	1A	SAPI	Meli biju	7.29	0.0041		9.72	8.50	7.85
12	S	1A	RUBI	Guet elli	7.80	0.0047			5.85	6.45
13	S	1A	SOLA	Sola poly	5.50	0.0023			5.90	2.92
14	S	1A	NYCT	Guap frag	10.20	0.0081		10.6	6.60	2.95
15	M	1A	SAPI	Meli biju	5.60	0.0024			5.70	0.75
16	M	1A	SAPI	Meli biju	10.30	0.0083			5.20	0.65
17	M	1A	BORA	Cord alli	16.40	0.0211			6.95	1.10
18	M	1A	BORA	Cord alli	11.90	0.0111			6.80	1.40
19	M	1A	BORA	Cord alli	10.50	0.0086			7.10	1.45
20	M	1A	BORA	Cord alli	7.20	0.0040			7.00	1.50
21	M	1A	BORA	Cord alli	11.50	0.0103			7.35	1.15
22	S	1B	SAPI	Meli biju	17.60	0.0243			1.25	2.61
23	S	1B	SAPI	Meli biju	5.30	0.0022			2.40	1.67
24	S	1B	SAPI	Meli biju	20.10	0.0317		10.9	2.85	2.55
25	S	1B	SAPI	Meli biju	6.70	0.0035			1.70	3.58
26	S	1B	SAPI	Meli biju	8.25	0.0053		7.44	3.80	4.98
27	M	1B	SAPI	Meli biju	15.05	0.0177			3.20	8.40
28	M	1B	SAPI	Meli biju	5.10	0.0020			3.55	9.00
29	M	1B	SAPI	Meli biju	13.50	0.0143			3.70	9.17
30	M	1B	SAPI	Meli biju	5.40	0.0022			3.90	9.08
31	M	1B	SAPI	Meli biju	5.55	0.0024			4.10	9.12
32	S	1B	SAPI	Meli biju	5.81	0.0026			7.60	8.70

APPENDIX III. (Continued)

33	S	1B	FABA	Andi	iner	10.08	0.0079	6.38	8.70	8.75
34	S	1B	LAUR	Ocot	cori	13.80	0.0149	15.1	9.70	8.82
35	S	1B	SAPI	Meli	biju	5.45	0.0023		8.62	7.12
36	S	1B	SAPI	Meli	biju	6.08	0.0029		6.15	6.82
37	S	1B	SAPO	Bume	sali	19.19	0.0289		6.05	6.89
38	S	1B	SAPI	Meli	biju	11.39	0.0101		4.70	6.10
39	M	1B	SAPI	Meli	biju	5.60	0.0024		5.55	4.65
40	M	1B	SAPI	Meli	biju	6.78	0.0036		4.5[illegible]	5.49
41	S	1B	SAPI	Meli	biju	6.30	0.0031		6.20	5.51
42	M	1B	SAPI	Meli	biju	5.27	0.0021	11.5	9.90	5.66
43	S	1B	SAPI	Meli	biju	8.05	0.0050		7.85	4.05
44	M	1B	SAPI	Meli	biju	11.18	0.0098		6.45	0.55
45	M	1B	SAPI	Meli	biju	5.10	0.0020		6.15	0.55
46	M	1B	SAPI	Meli	biju	8.70	0.0059		5.80	0.35
47	M	1B	SAPI	Meli	biju	11.11	0.0096		5.85	0.45
48	S	1B	LAUR	Ocot	cori	6.21	0.0030		9.95	0.15
49	S	1C	ANAC	Mang	indi	50.30	0.1987	10.3	0.95	1.92
50	S	1C	SAPI	Meli	biju	5.15	0.0020		3.20	2.75
51	S	1C	SAPI	Meli	biju	8.39	0.0055		4.85	0.98
52	S	1C	FABA	Andi	iner	14.00	0.0153	10.0	3.80	6.41
53	S	1C	SAPI	Meli	biju	12.45	0.0121		2.45	6.54
54	M	1C	SAPI	Meli	biju	5.15	0.0020		2.00	5.91
55	M	1C	SAPI	Meli	biju	5.50	0.0023		1.95	5.70
56	M	1C	SAPI	Meli	biju	7.90	0.0049		0.18	4.85
57	M	1C	SAPI	Meli	biju	7.30	0.0041		0.22	5.25
58	S	1C	SAPI	Meli	biju	10.25	0.0082		2.00	7.10
59	S	1C	VERB	Cith	frut	8.17	0.0052		0.35	9.79
60	M	1C	SAPI	Meli	biju	6.85	0.0036		2.40	9.20
61	M	1C	SAPI	Meli	biju	5.70	0.0025		2.60	8.64
62	M	1C	SAPI	Meli	biju	6.30	0.0031		3.05	9.00
63	M	1C	SAPI	Meli	biju	5.82	0.0026		2.95	9.89
64	S	1C	SAPI	Meli	biju	5.51	0.0023		8.00	9.50
65	M	1C	SAPI	Meli	biju	11.47	0.0103		9.75	6.81
66	M	1C	SAPI	Meli	biju	6.40	0.0032		6.10	5.85
66	M	1C	SAPI	Meli	biju	11.00	0.0095		6.10	5.85
67	M	1C	SAPI	Meli	biju	5.10	0.0020		5.95	6.01
67	M	1C	SAPI	Meli	biju	9.93	0.0077	10.3	5.95	6.01
68	M	1C	SAPI	Meli	biju	5.19	0.0021		6.30	5.96
68	M	1C	SAPI	Meli	biju	5.70	0.0025		6.30	5.96
69	S	1C	SAPI	Meli	biju	6.15	0.0029		8.80	1.85
70	S	1C	LAUR	Ocot	cori	8.05	0.0050		9.00	1.63
74	S	1D	FABA	Andi	iner	8.60	0.0058		1.20	8.12
75	S	1D	FABA	Andi	iner	6.70	0.0035		1.40	9.25
76	M	1D	SAPI	Meli	biju	10.10	0.0080		2.35	2.97
77	M	1D	SAPI	Meli	biju	5.80	0.0026		2.65	2.59
78	M	1D	SAPI	Meli	biju	5.90	0.0027		2.30	2.70
79	M	1D	SAPI	Meli	biju	5.2[illegible]	0.0021		2.30	2.51
80	S	1D	LAUR	Ocot	cori	5.10	0.0020		2.70	1.74

APPENDIX III. (Continued)

81	S	1D	FABA	Andi	iner	5.70	0.0025		2.60	0.30
82	S	1D	SAPI	Meli	biju	6.90	0.0037		3.80	0.05
83	S	1D	SAPI	Meli	biju	6.00	0.0028		3.90	4.73
84	S	1D	SAPI	Meli	biju	5.10	0.0020		4.80	4.20
85	M	1D	SAPI	Meli	biju	5.90	0.0027		7.80	7.80
86	M	1D	SAPI	Meli	biju	13.00	0.0132		8.15	7.90
87	M	1D	SAPI	Meli	biju	10.70	0.0089		8.00	8.55
88	S	1D	LAUR	Ocot	cori	10.30	0.0083	9.42	8.10	7.20
89	M	1D	VERB	Cith	frut	12.50	0.0122		7.95	7.11
90	M	1D	VERB	Cith	frut	10.80	0.0091	7.59	7.85	6.96
91	M	1D	SAPI	Meli	biju	14.50	0.0165		6.65	4.00
92	M	1D	SAPI	Meli	biju	8.80	0.0060		6.40	4.22
93	M	1D	SAPI	Meli	biju	5.70	0.0025		6.45	3.92
94	M	1D	SAPI	Meli	biju	5.60	0.0024		6.70	3.87
95	M	1D	SAPI	Meli	biju	12.50	0.0122		6.30	3.75
96	M	1D	SAPI	Meli	biju	5.30	0.0022		5.90	4.25
97	S	1D	VERB	Cith	frut	5.10	0.0020		9.10	0.70
98	M	1D	SAPI	Meli	biju	5.20	0.0021		9.50	0.00
99	M	1D	SAPI	Meli	biju	6.90	0.0037		9.80	0.05
100	M	1D	SAPI	Meli	biju	5.80	0.0026		9.55	0.15
101	M	1D	SAPI	Meli	biju	6.90	0.0037		8.95	4.59
102	M	1D	SAPI	Meli	biju	7.90	0.0049		8.65	4.63
103	M	1D	SAPI	Meli	biju	6.60	0.0034		8.80	4.80
104	S	1D	BORA	Cord	coll	10.80	0.0091		9.10	5.45
105	S	1D	FABA	Andi	iner	12.50	0.0122	9.11	8.75	7.85
106	S	1D	LAUR	Ocot	cori	7.30	0.0041		9.10	9.65
107	S	1D	SAPI	Meli	biju	5.20	0.0021		9.85	2.60
108	S	1E	SAPI	Meli	biju	5.50	0.0023		0.50	0.79
109	S	1E	FLAC	Case	guia	5.10	0.0020		0.30	4.35
110	S	1E	LAUR	Ocot	cori	9.50	0.0070	9.42	1.50	4.25
111	M	1E	SAPI	Meli	biju	27.60	0.0598	9.11	3.20	8.30
112	M	1E	SAPI	Meli	biju	7.00	0.0038		3.00	8.15
113	M	1E	SAPI	Meli	biju	11.90	0.0111		3.20	7.82
114	M	1E	SAPI	Meli	biju	10.20	0.0081		3.60	7.45
115	M	1E	SAPI	Meli	biju	10.70	0.0089		3.80	7.62
116	M	1E	SAPI	Meli	biju	8.50	0.0056		3.60	6.67
117	M	1E	SAPI	Meli	biju	7.40	0.0043		3.55	6.56
118	M	1E	SAPI	Meli	biju	6.30	0.0031		3.40	6.50
119	M	1E	SAPI	Meli	biju	7.50	0.0044		3.40	6.71
120	S	1E	BORA	Cord	coll	8.80	0.0060		4.10	5.40
121	M	1E	SAPI	Meli	biju	5.00	0.0019		3.10	4.05
122	M	1E	SAPI	Meli	biju	6.00	0.0028		3.40	3.96
123	M	1E	SAPI	Meli	biju	5.10	0.0020		4.35	3.35
124	S	1E	BORA	Cord	coll	14.80	0.0172	9.72	4.65	3.79
125	S	1E	RUBI	Guet	elli	8.00	0.0050		6.80	1.75
126	S	1E	LAUR	Ocot	cori	5.70	0.0025		8.20	2.00
127	M	1E	SAPO	Bume	obov	7.10	0.0039	5.77	9.80	0.35
128	M	1E	SAPO	Bume	obov	6.50	0.0033		9.85	0.30

APPENDIX III. (Continued)

129	M	1E	SAPO	Bume	obov	7.00	0.0038		0.20	0.43
130	M	1E	SAPO	Bume	obov	5.50	0.0023		0.12	0.29
131	M	1E	SAPO	Bume	obov	7.10	0.0039		0.10	0.20
132	M	1E	SAPI	Meli	biju	8.10	0.0051		8.65	4.82
133	M	1E	SAPI	Meli	biju	6.30	0.0031		8.50	4.85
134	M	1E	SAPI	Meli	biju	7.80	0.0047		8.40	5.00
135	S	1E	LAUR	Ocot	cori	7.30	0.0041		8.25	4.85
136	S	1E	VERB	Citr.	frut	6.90	0.0037		8.50	8.30
137	S	1E	SAPI	Meli	biju	8.10	0.0051		5.50	8.90
138	M	1E	SAPI	Meli	biju	9.40	0.0069		6.85	9.95
139	M	1E	SAPI	Meli	biju	5.10	0.0020		6.55	9.85
140	M	1E	SAPI	Meli	biju	5.20	0.0021		6.45	9.80
141	M	1E	SAPI	Meli	biju	7.30	0.0041		6.35	9.85
142	M	1E	SAPI	Meli	biju	7.20	0.0040		6.35	9.85
143	M	1E	SAPI	Meli	biju	11.10	0.0096		6.35	9.85
144	S	1F	RHAM	Krug	ferr	5.70	0.0025		2.35	2.20
145	S	1F	LAUR	Ocot	cori	5.30	0.0022		2.25	0.55
146	S	1F	RHAM	Krug	ferr	5.30	0.0022		4.30	1.85
147	S	1F	RHAM	Krug	ferr	6.20	0.0030		5.40	2.65
148	M	1F	MYRT	Euge	bifl	7.00	0.0038	6.68	4.12	3.12
149	M	1F	MYRT	Euge	bifl	8.60	0.0058		4.10	3.00
150	S	1F	FLAC	Case	guia	7.40	0.0043		0.50	4.20
151	M	1F	SAPI	Meli	biju	8.50	0.0056		0.32	5.70
152	M	1F	SAPI	Meli	biju	5.50	0.0023		0.42	5.65
153	M	1E	SAPI	Meli	biju	5.60	0.0024		8.01	4.85
154	M	1F	SAPI	Meli	biju	10.50	0.0086		0.55	7.15
155	M	1F	SAPI	Meli	biju	6.20	0.0030		0.37	7.35
156	M	1F	SAPI	Meli	biju	7.30	0.0041		0.85	7.50
157	M	1F	SAPI	Meli	biju	5.50	0.0023		0.72	7.62
158	M	1F	SAPI	Meli	biju	8.50	0.0056		0.80	7.90
159	S	1F	LAUR	Ocot	cori	5.70	0.0025		1.10	9.20
160	S	1F	BORA	Bour	succ	19.70	0.0304	8.51	3.50	8.60
161	S	1F	MYRT	Euge	mont	8.70	0.0059	8.81	6.40	7.10
162	S	1F	MORA	Ficu	citr	11.50	0.0103		6.90	5.00
163	S	1F	SAPI	Meli	biju	5.01	0.0019		7.20	2.65
164	S	1F	SAPI	Meli	biju	8.40	0.0055		8.80	4.56
165	S	1F	RHAM	Krug	ferr	7.15	0.0040		9.60	4.45
166	S	1F	BORA	Cord	alli	13.00	0.0132	9.72	9.65	4.25
167	S	1F	RHAM	Krug	ferr	5.90	0.0027		9.40	3.70
168	S	1F	SAPI	Meli	biju	6.80	0.0036		9.40	3.30
169	S	1F	NYCT	Guap	frag	16.00	0.0201	7.90	9.30	3.20
170	S	1F	SAPO	Bume	obov	17.20	0.0232	10.0	9.80	0.10
171	S	1F	RHAM	Krug	ferr	5.90	0.0027		7.85	0.10
172	S	1G	MIMO	Leuc	leuc	8.50	0.0056	6.68	1.10	0.32
173	M	1G	SAPI	Meli	biju	11.70	0.0107		2.40	0.85
174	M	1G	SAPI	Meli	biju	5.50	0.0023		2.30	0.75
175	M	1G	SAPI	Meli	biju	5.45	0.0023		2.40	0.45
176	S	1G	ANAC	Como	dodo	6.70	0.0035		5.00	1.85

APPENDIX III. (Continued)

177	S	1G	SAPI	Meli	biju	15.75	0.0194		5.35	4.69
178	S	1G	SAPI	Meli	biju	7.70	0.0046	7.29	2.80	5.88
179	S	1G	LAUR	Ocot	cori	8.25	0.0053		4.85	7.60
180	M	1G	SAPI	Meli	biju	11.25	0.0099		0.90	8.40
181	M	1G	SAPI	Meli	biju	14.10	0.0156		1.05	9.15
182	M	1G	SAPI	Meli	biju	9.75	0.0074		2.90	9.92
183	M	1G	SAPI	Meli	biju	5.00	0.0019		3.00	9.70
184	S	1G	MELA	Tetr	elae	9.00	0.0063		5.20	7.90
185	S	1G	SAPI	Meli	biju	6.90	0.0037		8.95	9.90
186	S	1G	NYCT	Guap	frag	37.70	0.1116	11.5	9.30	7.20
187	S	1G	RHAM	Krug	ferr	6.00	0.0028		6.10	8.50
188	S	1G	BORA	Bour	succ	11.55	0.0104		9.50	4.50
189	S	1G	RHAM	Krug	ferr	5.15	0.0020		8.25	0.25
190	S	1H	PALM	Cocc	alta	7.90	0.0049		2.05	0.50
191	S	1H	LAUR	Ocot	cori	5.00	0.0019		5.65	0.60
192	S	1H	BORA	Bour	succ	8.75	0.0060		5.40	4.00
193	S	1H	CELA	Mayt	elli	8.30	0.0054		2.65	6.00
194	S	1H	BORA	Bour	succ	13.75	0.0148		2.85	6.30
195	S	1H	MYRT	Euge	mont	7.63	0.0045		0.72	5.40
196	S	1H	MYRT	Euge	mont	5.30	0.0022		0.42	6.40
197	S	1H	BORA	Bour	succ	12.10	0.0114		0.35	8.30
198	S	1H	BORA	Cord	alli	5.30	0.0022		0.21	8.81
199	S	1H	BURS	Burs	sima	19.45	0.0297		2.25	9.65
200	S	1H	SAPI	Meli	biju	10.10	0.0080		4.50	7.32
201	M	1H	BORA	Bour	succ	7.40	0.0043		6.95	3.00
202	M	1H	BORA	Bour	succ	12.00	0.0113		6.87	2.90
203	S	1H	BURS	Burs	sima	5.80	0.0026		7.10	1.20
204	S	1H	BURS	Burs	sima	7.30	0.0041	5.47	8.00	1.60
205	S	1H	FABA	Pisc	cart	5.80	0.0026		9.30	0.45
206	S	1H	SAPI	Meli	biju	31.40	0.0774	9.42	9.50	0.80
207	S	1H	SAPI	Meli	biju	8.10	0.0051		9.20	3.40
208	S	1H	SAPI	Meli	biju	10.60	0.0088	7.59	7.25	5.60
209	M	1H	SAPI	Meli	biju	6.20	0.0030		7.10	5.55
210	M	1H	SAPI	Meli	biju	5.10	0.0020		6.90	5.10
211	S	1H	SAPI	Meli	biju	5.90	0.0027		7.90	0.40
212	S	1H	MYRC	Ardi	obov	10.20	0.0081		6.10	9.85
213	S	1H	SAPI	Meli	biju	52.00	0.2123		7.80	8.12
214	S	1H	BURS	Burs	sima	6.30	0.0031		8.75	7.57
215	S	1H	CELA	Mayt	elli	5.70	0.0025		6.25	7.91
216	S	1H	LAUR	Ocot	cori	9.20	0.0066		6.25	7.82
217	S	1I	MYRC	Ardi	obov	5.60	0.0024		0.45	8.00
218	S	1I	FLAC	Case	deca	6.00	0.0028		1.80	9.95
219	S	1I	FLAC	Case	deca	7.30	0.0041		1.60	9.95
220	S	1I	LAUR	Ocot	cori	39.00	0.1194		9.00	3.00
221	S	1I	SAPI	Meli	biju	8.50	0.0056		0.15	6.10
222	S	1I	SAPI	Meli	biju	8.00	0.0050		1.00	5.15
223	S	1I	MYRT	Euge	mont	7.20	0.0040		1.10	4.40
224	S	1I	MYRC	Ardi	obov	5.30	0.0022		1.65	3.20

APPENDIX III. (Continued)

225	S	1I	NYCT	Guap	frag	11.70	0.0107		3.15	7.50
226	S	1I	FLAC	Case	deca	5.30	0.0022		3.35	3.91
227	S	1I	LAUR	Ocot	cori	6.70	0.0035		3.40	3.85
228	S	1I	MYRT	Euge	mont	10.00	0.0078	11.5	3.70	4.60
229	S	1I	MYRC	Ardi	obov	6.00	0.0028		6.80	3.30
230	M	1I	MYRC	Ardi	obov	9.00	0.0063		7.80	3.15
231	M	1I	MYRC	Ardi	obov	5.40	0.0022		7.70	3.10
232	S	1I	SAPI	Meli	biju	8.00	0.0050		8.40	2.85
233	S	1I	MYRC	Ardi	obov	8.30	0.0054	9.42	8.55	2.95
234	S	1I	SAPI	Meli	biju	5.90	0.0027		9.40	0.60
235	M	1I	SAPI	Meli	biju	7.90	0.0049		3.70	1.10
236	M	1I	SAPI	Meli	biju	6.00	0.0028		3.70	0.80
237	M	1I	SAPI	Meli	biju	14.40	0.0162		3.40	0.60
238	M	1I	SAPI	Meli	biju	7.50	0.0044		3.10	0.40
239	M	1I	SAPI	Meli	biju	14.10	0.0156		2.95	0.10
240	M	1I	SAPI	Meli	biju	13.40	0.0141		3.10	0.00
241	M	1I	SAPI	Meli	biju	8.00	0.0050		4.00	0.50
242	M	1I	SAPI	Meli	biju	6.00	0.0028		3.80	0.10
243	M	1I	SAPI	Meli	biju	16.60	0.0216		3.90	0.20
244	M	1I	MYRC	Ardi	obov	7.20	0.0040		9.75	3.05
245	M	1I	MYRC	Ardi	obov	7.40	0.0043		9.70	2.90
246	M	1I	SAPI	Meli	biju	8.60	0.0058		7.40	4.95
247	M	1I	SAPI	Meli	biju	6.80	0.0036		7.35	5.10
248	M	1I	MYRC	Ardi	obov	5.80	0.0026		7.60	5.80
249	M	1I	MYRC	Ardi	obov	8.20	0.0052		7.70	6.40
250	S	1I	MYRC	Ardi	obov	5.40	0.0022		7.20	8.15
251	S	1I	MYRC	Ardi	obov	5.40	0.0022		7.00	8.00
252	S	1I	MYRT	Euge	mont	8.00	0.0050	9.11	8.50	6.80
253	S	1I	SAPI	Meli	biju	5.40	0.0022		8.70	8.40
254	M	1I	RUBI	Guet	parv	6.30	0.0031		9.50	6.05
255	M	1I	RUBI	Guet	parv	7.30	0.0041		9.40	6.15
256	M	1I	RUBI	Guet	parv	8.40	0.0055		9.30	6.25
257	S	1I	MYRT	Euge	mont	9.50	0.0070		8.70	9.00
258	S	1I	RUBI	Guet	parv	10.80	0.0091		7.70	9.90
259	S	1I	BORA	Bour	succ	7.60	0.0045		7.55	9.90
260	S	1J	MYRT	Euge	mont	5.90	0.0027		9.35	0.30
261	M	1J	SAPI	Meli	biju	11.00	0.0095	9.42	2.00	9.15
262	S	1J	SAPI	Meli	biju	7.40	0.0043		1.80	7.40
263	M	1J	RUBI	Guet	parv	6.20	0.0030		3.50	7.20
264	M	1J	RUBI	Guet	parv	9.00	0.0063		3.52	7.05
265	S	1J	LAUR	Ocot	cori	6.40	0.0032	10.9	1.40	2.60
266	S	1J	MYRT	Euge	mont	5.10	0.0020		5.05	4.45
267	S	1J	NYCT	Guap	frag	24.20	0.0459	10.9	0.85	1.60
268	S	1J	FLAC	Case	deca	5.50	0.0023		0.15	1.60
269	S	1J	MYRT	Euge	bifl	5.60	0.0024		0.15	1.78
270	S	1J	SAPI	Meli	biju	5.50	0.0023		2.00	0.15
271	S	1J	CAPP	Capp	indi	5.00	0.0019		5.05	3.35
272	S	1J	NYCT	Guap	frag	7.00	0.0038	8.51	5.15	4.47

APPENDIX III. (Continued)

273	S	1J	MYRT	Euge	mont	8.20	0.0052	7.90	7.35	0.70
274	S	1J	FLAC	Case	guia	7.30	0.0041		7.40	4.90
275	S	1J	MYRC	Ardi	obov	5.10	0.0020		7.50	6.00
276	M	1J	MYRT	Euge	bifl	9.20	0.0066		7.80	5.80
277	M	1J	MYRT	Euge	bifl	5.80	0.0026		2.77	5.85
278	S	1J	MELA	Tetr	elae	6.20	0.0030		7.60	7.85
279	M	1J	BORA	Bour	succ	10.00	0.0078		8.20	7.60
280	M	1J	BORA	Bour	succ	14.80	0.0172		8.50	7.65
281	S	1J	FLAC	Case	deca	6.10	0.0029		8.45	7.40
282	S	1J	FLAC	Case	deca	5.30	0.0022		9.80	7.00
283	S	1J	MYRC	Ardi	obov	6.90	0.0037		3.75	8.20
284	M	1J	SAPI	Meli	biju	5.30	0.0022		1.75	9.3
285	M	2J	CELA	Mayt	elli	9.20	0.0066		9.70	9.70
286	M	2J	CELA	Mayt	elli	5.10	0.0020		9.60	9.80
287	M	2J	CELA	Mayt	elli	5.00	0.0019	8.20	9.80	9.60
288	S	2J	MYRT	Euge	proc	7.70	0.0046		8.00	8.70
289	S	2J	RUBI	Guet	scab	7.90	0.0049		7.80	9.45
290	S	2J	RUBI	Guet	scab	15.00	0.0176	10.0	5.40	9.40
291	M	2J	RUBI	Guet	parv	8.00	0.0050		4.75	9.52
292	M	2J	RUBI	Guet	parv	7.20	0.0040		4.85	9.47
293	M	2J	RUBI	Guet	parv	5.80	0.0026		4.30	9.60
294	M	2J	RUBI	Guet	parv	5.00	0.0019		4.50	9.69
295	S	2J	FLAC	Case	deca	8.90	0.0062		5.40	6.49
296	S	2J	CELA	Mayt	elli	8.90	0.0062		5.80	5.91
297	S	2J	SAPI	Meli	biju	6.00	0.0028		8.90	6.01
298	S	2J	RUBI	Guet	scab	9.30	0.0067		9.20	5.60
299	S	2J	BURS	Burs	sima	18.00	0.0254	8.51	9.10	5.38
300	M	2J	NYCT	Guap	frag	9.80	0.0075		8.50	3.97
301	M	2J	NYCT	Guap	frag	8.30	0.0054		8.40	4.10
302	S	2J	MYRT	Euge	mont	5.80	0.0026		7.70	4.56
303	S	2J	SAPI	Meli	biju	6.20	0.0030		5.70	3.85
304	S	2J	MYRT	Euge	proc	10.70	0.0089	8.20	3.40	5.70
305	S	2J	VERB	Cith	frut	15.10	0.0179	11.8	3.00	5.72
306	S	2J	FLAC	Case	deca	7.90	0.0049	9.42	0.39	7.45
307	S	2I	BURS	Burs	sima	31.90	0.0799	9.72	9.60	8.19
308	M	2I	RUBI	Guet	parv	8.00	0.0050		9.55	9.10
309	M	2I	RUBI	Guet	parv	5.30	0.0022		9.45	9.00
310	S	2I	VERB	Cith	frut	6.80	0.0036		7.55	9.70
311	S	2J	PALM	Cocc	alta	6.60	0.0034	3.34	0.35	5.49
312	S	2I	VERB	Cith	frut	6.70	0.0035	5.77	9.30	3.80
313	S	2I	FABA	Sabi	flor	6.50	0.0033	6.07	9.30	3.60
314	M	2I	RUBI	Guet	parv	5.40	0.0022		8.15	6.60
315	M	2I	RUBI	Guet	parv	5.10	0.0020		7.95	6.62
316	M	2I	RUBI	Guet	parv	6.30	0.0031		8.15	6.39
317	M	2I	RUBI	Guet	parv	6.00	0.0028		8.20	6.30
318	S	2I	MYRT	Euge	mont	5.90	0.0027		6.80	8.95
319	S	2I	FABA	Sabi	flor	7.50	0.0044		5.60	8.10
320	S	2J	CAPP	Capp	cyno	7.30	0.0041	6.07	2.35	5.31

APPENDIX III. (Continued)

321	M	2J	RUBI	Guet	parv	7.30	0.0041		2.15	1.92
322	M	2J	RUBI	Guet	parv	5.00	0.0019		2.05	1.75
323	S	2J	SAPI	Meli	biju	9.10	0.0065		4.35	1.81
324	S	2J	SAPI	Meli	biju	6.00	0.0028		4.00	1.50
325	S	2J	RUBI	Guet	parv	9.30	0.0067		4.25	1.41
326	S	2J	SAPI	Meli	biju	5.40	0.0022		4.50	1.36
327	S	2J	PALM	Cocc	alta	6.70	0.0035	9.11	6.65	2.52
328	S	2J	MYRT	Euge	bifl	7.50	0.0044		7.35	2.46
329	S	2J	CELA	Mayt	elli	8.00	0.0050		9.10	2.81
330	S	2I	LAUR	Ocot	cori	6.50	0.0033		9.98	0.70
331	S	2I	CAPP	Capp	cyno	5.30	0.0022		0.12	9.89
332	M	2I	FABA	Sabi	flor	9.00	0.0063		0.42	8.46
333	M	2I	FABA	Sabi	flor	7.00	0.0038		0.35	8.45
334	M	2I	POLY	Cocc	micr	24.90	0.0486		3.60	7.01
335	M	2I	POLY	Cocc	micr	15.20	0.0181		3.20	6.95
336	M	2I	POLY	Cocc	micr	8.60	0.0058		3.00	6.95
337	S	2I	RUBI	Guet	scab	7.10	0.0039		3.30	5.26
338	M	2I	RUBI	Guet	parv	9.70	0.0073		2.70	4.79
339	M	2I	RUBI	Guet	parv	7.70	0.0046		2.80	4.63
340	M	2I	RUBI	Guet	parv	6.40	0.0032		2.85	4.50
341	M	2I	RUBI	Guet	parv	6.20	0.0030		6.45	3.70
342	M	2I	RUBI	Guet	parv	5.90	0.0027		6.35	3.61
343	S	2I	MYRC	Ardi	obov	5.10	0.0020		6.85	0.70
344	S	2I	SAPI	Meli	biju	10.10	0.0080	12.1	4.75	0.52
345	S	2H	FLAC	Case	deca	5.60	0.0024		9.60	7.51
346	M	2H	RUBI	Guet	parv	5.40	0.0022		7.85	8.05
347	M	2H	RUBI	Guet	parv	5.10	0.0020		7.40	7.60
348	S	2H	SAPI	Meli	biju	16.10	0.0203		8.50	6.50
349	M	2H	FLAC	Case	deca	8.00	0.0050		6.50	7.71
350	M	2H	FLAC	Case	deca	9.40	0.0069		6.55	7.86
351	M	2H	FLAC	Case	deca	6.70	0.0035	8.20	6.25	7.88
352	S	2H	LAUR	Ocot	cori	5.20	0.0021		6.40	9.30
353	S	2H	FLAC	Case	deca	7.30	0.0041	6.07	7.30	4.85
354	M	2H	NYCT	Guap	frag	15.00	0.0176	9.11	7.85	4.01
355	M	2H	NYCT	Guap	frag	15.70	0.0193		7.50	4.01
356	S	2H	FLAC	Case	deca	6.10	0.0029		6.65	4.35
357	S	2H	CELA	Mayt	elli	5.10	0.0020		9.15	0.50
358	S	2H	FLAC	Case	deca	9.50	0.0070		6.30	2.00
359	S	2H	BORA	Bour	succ	21.30	0.0356		5.90	0.80
360	M	2H	MORA	Ficu	citr	8.50	0.0056	6.99	5.25	5.71
361	M	2H	MORA	Ficu	citr	7.10	0.0039		5.15	5.62
362	M	2H	FLAC	Case	deca	7.50	0.0044		3.60	8.92
363	M	2H	FLAC	Case	deca	8.00	0.0050		3.50	8.94
364	M	2H	FLAC	Case	deca	7.00	0.0038		3.55	9.00
365	S	2H	RUBI	Guet	parv	5.30	0.0022		2.70	1.85
366	S	2H	BORA	Bour	succ	11.90	0.0111		2.60	0.95
367	S	2H	BORA	Bour	succ	13.00	0.0132		1.80	0.62
368	S	2G	NYCT	Guap	frag	25.10	0.0494		8.90	8.95

APPENDIX III. (Continued)

369	S	2G	NYCT	Guap	frag	10.50	0.0086		8.30	8.30
370	S	2G	CAPP	Capp	cyno	5.00	0.0019		7.30	8.27
371	S	2G	CAPP	Capp	ampl	9.40	0.0069		9.70	8.10
372	S	2G	SAPI	Meli	biju	17.00	0.0226		6.20	8.30
373	M	2G	SAPI	Meli	biju	5.40	0.0022		7.15	6.58
374	M	2G	SAPI	Meli	biju	7.40	0.0043		7.00	6.52
375	M	2G	SAPI	Meli	biju	6.30	0.0031		7.30	6.40
376	M	2G	SAPI	Meli	biju	10.40	0.0084		7.15	6.40
377	M	2G	SAPI	Meli	biju	6.30	0.0031		6.90	6.51
378	S	2G	FLAC	Case	deca	10.00	0.0078	11.5	8.20	4.05
379	M	2G	SAPI	Meli	biju	5.20	0.0021		4.65	2.10
380	M	2G	SAPI	Meli	biju	5.80	0.0026		4.75	1.87
381	M	2G	SAPI	Meli	biju	8.30	0.0054		4.70	1.75
382	M	2G	SAPI	Meli	biju	5.50	0.0023		4.25	1.20
383	M	2G	SAPI	Meli	biju	35.00	0.0962	11.5	3.65	1.30
384	M	2G	SAPI	Meli	biju	5.20	0.0021		4.80	1.67
385	M	2G	SAPI	Meli	biju	13.50	0.0143		3.50	1.85
386	M	2G	SAPI	Meli	biju	13.50	0.0143		3.50	1.76
387	M	2G	SAPI	Meli	biju	23.30	0.0426		3.45	1.70
388	S	2G	NYCT	Guap	frag	13.40	0.0141	11.5	3.40	6.85
389	S	2G	LAUR	Ocot	cori	7.90	0.0049		0.35	8.03
390	S	2G	BORA	Bour	succ	7.20	0.0040	9.11	2.70	5.82
391	S	2G	LAUR	Ocot	cori	7.80	0.0047		0.88	3.71
392	M	2F	NYCT	Guap	frag	15.40	0.0186		8.90	3.80
393	M	2F	NYCT	Guap	frag	18.50	0.0268	12.4	8.70	3.80
394	S	2F	LAUR	Lica	sali	5.90	0.0027		8.80	4.30
395	S	2F	FLAC	Case	deca	9.50	0.0070		8.90	6.42
396	S	2F	FABA	Pisc	cart	6.90	0.0037		9.10	8.70
397	S	2F	FLAC	Case	guia	11.90	0.0111	11.5	6.90	7.21
398	S	2F	NYCT	Guap	frag	41.20	0.1333	16.1	6.70	5.61
399	S	2F	CELA	Mayt	elli	7.00	0.0038		6.00	6.30
400	S	2F	MYRC	Ardi	obov	5.00	0.0019		3.30	9.95
401	M	2F	POLY	Cocc	micr	12.70	0.0126		5.65	2.39
402	M	2F	POLY	Cocc	micr	7.70	0.0046		5.35	2.45
403	M	2F	POLY	Cocc	micr	7.70	0.0046		5.55	2.37
404	M	2F	POLY	Cocc	micr	11.90	0.0111		5.75	2.25
405	M	2F	POLY	Cocc	micr	8.00	0.0050		5.80	2.19
406	M	2F	POLY	Cocc	micr	10.50	0.0086		5.70	2.11
407	M	2F	POLY	Cocc	micr	6.80	0.0036		5.55	2.04
408	M	2F	POLY	Cocc	micr	6.10	0.0029		5.10	2.56
409	S	2F	MELA	Tetr	elae	16.40	0.0211	11.2	3.70	5.61
410	S	2F	MYRT	Euge	mont	5.60	0.0024	7.29	1.36	7.50
411	S	2F	LAUR	Ocot	cori	5.30	0.0022		0.19	8.04
412	S	2F	MYRT	Euge	mont	6.00	0.0028		0.19	4.61
413	S	2F	RUBI	Guet	parv	6.30	0.0031		1.15	3.30
414	M	2F	SAPI	Meli	biju	7.30	0.0041		0.35	1.45
415	M	2F	SAPI	Meli	biju	9.90	0.0076		0.50	1.12
416	M	2E	RUBI	Guet	parv	5.80	0.0026		8.65	9.75

APPENDIX III. (Continued)

417	M	2E	RUBI	Guet	parv	13.40	0.0141	11.5	8.58	9.94
418	M	2E	RUBI	Guet	parv	5.90	0.0027		8.50	9.75
419	M	2E	RUBI	Guet	parv	12.50	0.0122		8.30	9.97
420	M	2E	NYCT	Guap	frag	16.10	0.0203		8.10	8.62
421	M	2E	NYCT	Guap	frag	21.60	0.0366		7.80	8.65
422	S	2E	MYRC	Ardi	obov	8.40	0.0055	9.72	9.10	7.92
423	M	2E	SAPI	Meli	biju	9.00	0.0063		5.60	7.63
424	M	2E	SAPI	Meli	biju	8.00	0.0050		5.60	7.50
425	M	2E	SAPI	Meli	biju	11.40	0.0102		5.35	7.61
426	M	2E	SAPI	Meli	biju	8.10	0.0051		3.75	6.92
427	M	2E	SAPI	Meli	biju	10.00	0.0078	9.72	3.85	6.85
428	M	2E	SAPI	Meli	biju	8.10	0.0051		3.75	6.79
429	M	2E	SAPI	Meli	biju	5.80	0.0026		3.65	6.61
430	M	2E	SAPI	Meli	biju	5.20	0.0021		3.45	6.61
431	M	2E	SAPI	Meli	biju	5.00	0.0019		3.80	6.61
432	S	2E	SAPI	Meli	biju	5.70	0.0025		2.10	7.80
433	S	2E	SAPI	Meli	biju	5.10	0.0020		1.70	9.20
434	S	2E	MYRC	Ardi	obov	6.80	0.0036		0.35	9.75
435	S	2E	LAUR	Ocot	cori	10.00	0.0078	10.6	1.85	5.17
436	M	2E	SAPI	Meli	biju	6.20	0.0030		5.65	5.24
437	M	2E	SAPI	Meli	biju	7.10	0.0039		5.60	5.18
438	S	2E	NYCT	Guap	frag	42.10	0.1392	14.5	5.80	4.95
439	S	2E	MYRC	Ardi	obov	5.60	0.0024		6.40	4.56
440	M	2E	SAPI	Meli	biju	5.70	0.0025		4.90	3.21
441	M	2E	SAPI	Meli	biju	5.40	0.0022		4.95	3.65
442	S	2E	LAUR	Ocot	cori	7.60	0.0045	9.72	2.85	2.61
443	M	2D	SAPI	Meli	biju	5.10	0.0020		9.90	8.24
444	M	2D	SAPI	Meli	biju	5.20	0.0021		9.95	8.11
445	M	2D	SAPI	Meli	biju	12.30	0.0118		9.70	8.21
446	M	2D	SAPI	Meli	biju	7.20	0.0040		9.60	8.24
447	M	2D	SAPI	Meli	biju	7.00	0.0038		9.00	9.15
448	M	2D	SAPI	Meli	biju	6.30	0.0031		8.95	9.23
449	M	2D	SAPI	Meli	biju	8.00	0.0050		9.10	9.28
450	M	2D	MYRC	Ardi	obov	8.20	0.0052		6.80	8.52
451	M	2D	MYRC	Ardi	obov	10.80	0.0091		6.60	8.75
452	S	2D	FABA	Andi	iner	7.80	0.0047		7.70	7.92
453	S	2D	MYRC	Ardi	obov	5.80	0.0026		9.65	5.60
454	S	2D	FABA	Andi	iner	9.20	0.0066		9.85	2.45
455	M	2D	SAPI	Meli	biju	7.50	0.0044		9.90	2.10
456	M	2D	SAPI	Meli	biju	9.40	0.0069		9.70	2.05
457	M	2D	SAPI	Meli	biju	7.50	0.0044		10.00	1.74
458	M	2D	SAPI	Meli	biju	6.00	0.0028		9.50	1.94
459	M	2D	SAPI	Meli	biju	6.10	0.0029		9.70	1.60
460	S	2D	MELA	Tetr	elae	13.00	0.0132	13.6	7.85	4.42
461	S	2D	VERB	Cith	frut	16.10	0.0203	14.2	7.20	3.30
462	S	2D	MYRC	Ardi	obov	8.90	0.0062		6.75	3.30
463	S	2D	MYRT	Euge	mont	8.50	0.0056	13.3	8.55	0.90
464	S	2D	LAUR	Ocot	cori	6.20	0.0030		8.25	0.03

APPENDIX III. (Continued)

465	S	2D	FABA	Andi	iner	9.60	0.0072	12.1	6.65	0.90
466	M	2D	SAPI	Meli	biju	6.10	0.0029		6.45	1.50
467	M	2D	SAPI	Meli	biju	7.50	0.0044		6.55	2.35
468	M	2D	SAPI	Meli	biju	10.30	0.0083		6.60	2.20
469	M	2D	SAPI	Meli	biju	9.80	0.0075		6.40	2.15
470	S	2D	FABA	Andi	iner	8.40	0.0055		4.70	6.32
471	S	2D	LAUR	Ocot	cori	6.90	0.0037		4.65	6.85
472	S	2D	SAPI	Meli	biju	5.40	0.0022		5.60	8.90
473	S	2D	BORA	Cord	coll	15.50	0.0188		3.80	9.75
474	S	2D	SAPI	Meli	biju	6.80	0.0036		2.80	9.70
475	S	2D	SAPI	Meli	biju	8.40	0.0055		0.63	9.94
476	M	2D	SAPI	Meli	biju	6.00	0.0028		2.20	7.70
477	M	2D	SAPI	Meli	biju	6.70	0.0035		2.10	7.82
478	M	2D	SAPI	Meli	biju	7.10	0.0039		1.90	7.93
479	M	2D	SAPI	Meli	biju	5.20	0.0021		1.93	7.85
480	M	2D	SAPI	Meli	biju	12.80	0.0128		1.70	7.40
481	S	2D	BORA	Cord	coll	5.60	0.0024		1.50	8.10
482	M	2D	SAPI	Meli	biju	7.50	0.0044		0.10	6.30
483	M	2D	SAPI	Meli	biju	5.60	0.0024		0.04	6.05
484	M	2D	SAPI	Meli	biju	11.80	0.0109		2.50	2.54
485	M	2D	SAPI	Meli	biju	14.60	0.0167		2.65	2.14
486	M	2D	SAPI	Meli	biju	6.10	0.0029		2.40	2.10
487	S	2D	SAPI	Meli	biju	30.80	0.0745		0.85	1.69
488	S	2D	LAUR	Ocot	cori	5.00	0.0019		2.05	2.72
489	S	2D	LAUR	Ocot	cori	8.20	0.0052		0.20	0.89
490	S	2D	SAPI	Meli	biju	5.00	0.0019		1.95	0.35
491	S	2C	LAUR	Ocot	cori	6.30	0.0031		9.60	8.89
492	M	2C	SAPI	Meli	biju	8.40	0.0055		8.60	6.40
493	M	2C	SAPI	Meli	biju	11.40	0.0102		8.70	5.85
494	S	2C	EUPH	Marg	nobi	13.60	0.0145		9.10	6.82
495	M	2C	EUPH	Marg	nobi	13.90	0.0151		8.95	6.75
496	S	2C	SAPI	Meli	biju	6.20	0.0030		7.50	9.91
497	M	2C	SAPI	Meli	biju	6.80	0.0036		7.00	5.89
498	M	2C	SAPI	Meli	biju	6.50	0.0033		6.90	5.61
499	S	2C	FABA	Andi	iner	11.30	0.0100	11.5	6.30	5.38
500	S	2C	SAPI	Meli	biju	11.50	0.0103		8.90	2.20
501	S	2C	SAPI	Meli	biju	10.50	0.0086		5.80	9.00
502	S	2C	SAPI	Meli	biju	5.40	0.0022		1.75	6.21
503	S	2C	SAPI	Meli	biju	5.80	0.0026		1.20	8.05
504	M	2C	SAPI	Meli	biju	6.60	0.0034		0.50	9.91
505	S	2C	FABA	Andi	iner	11.60	0.0105		1.15	5.45
506	M	2C	SAPO	Chry	pauc	10.80	0.0091		1.05	4.70
507	M	2C	SAPO	Chry	pauc	7.70	0.0046		1.35	4.28
508	M	2C	SAPI	Meli	biju	14.70	0.0169		2.20	1.71
509	M	2C	SAPI	Meli	biju	5.90	0.0027		1.95	1.97
510	M	2C	SAPI	Meli	biju	10.30	0.0083		2.35	1.91
511	M	2C	SAPI	Meli	biju	7.50	0.0044		2.95	1.59
512	M	2C	SAPI	Meli	biju	7.80	0.0047		2.40	1.65

APPENDIX III. (Continued)

513	S	2C	SAPI	Meli	biju	5.70	0.0025		0.10	3.01
514	M	2B	SAPI	Meli	biju	11.60	0.0105		9.20	4.11
515	M	2B	SAPI	Meli	biju	6.30	0.0031		9.00	4.04
516	M	2B	SAPI	Meli	biju	11.80	0.0109		9.00	3.95
517	M	2B	SAPI	Meli	biju	8.00	0.0050		9.15	3.94
518	M	2B	SAPI	Meli	biju	7.80	0.0047		9.40	3.91
519	M	2B	SAPI	Meli	biju	7.20	0.0040		9.50	3.88
520	S	2B	SAPI	Meli	biju	6.50	0.0033		8.9[illegible]	0.45
521	M	2B	SAPI	Meli	biju	15.40	0.0186		6.80	1.65
522	M	2B	SAPI	Meli	biju	9.40	0.0069		6.75	1.20
523	M	2B	SAPI	Meli	biju	5.00	0.0019		7.00	1.35
524	S	2B	NYCT	Guap	frag	10.10	0.0080		5.45	2.65
525	S	2B	NYCT	Guap	frag	36.00	0.1017	16.1	6.00	3.85
526	S	2B	MYRT	Euge	mont	7.80	0.0047		6.15	4.05
527	S	2B	MYRT	Euge	mont	9.20	0.0066		6.90	3.95
528	S	2B	SAPI	Meli	biju	8.70	0.0059		9.80	4.65
529	S	2B	MORA	Ficu	citr	10.90	0.0093	10.6	9.20	8.01
530	S	2B	FABA	Andi	iner	10.10	0.0080	12.1	8.80	9.65
531	S	2B	FLAC	Case	deca	6.00	0.0028	6.07	4.35	8.51
532	S	2B	LAUR	Ocot	cori	11.00	0.0095		3.85	8.25
533	S	2B	SAPI	Meli	biju	7.50	0.0044		0.08	9.55
534	S	2B	LAUR	Ocot	cori	8.10	0.0051		0.21	5.29
535	S	2B	SAPI	Meli	biju	11.80	0.0109		2.05	2.79
536	S	2B	NYCT	Guap	frag	12.40	0.0120		3.25	3.00
537	S	2B	PALM	Cocc	alta	8.50	0.0056	7.59	3.20	2.81
538	M	2B	CAPP	Capp	ampl	10.10	0.0080		4.15	0.13
539	M	2B	CAPP	Capp	ampl	6.80	0.0036		4.25	0.10
540	M	2B	SAPI	Meli	biju	7.20	0.0040		0.90	0.87
541	M	2B	SAPI	Meli	biju	7.80	0.0047		0.70	0.81
542	S	2A	FLAC	Case	deca	5.90	0.0027		7.30	4.95
543	S	2A	SAPI	Meli	biju	5.90	0.0027		5.80	4.12
544	S	2A	VERB	Cith	frut	6.80	0.0036		5.80	7.25
545	S	2A	RUBI	Guet	parv	8.40	0.0055	5.77	4.60	9.65
546	M	2A	FABA	Sabi	flor	10.60	0.0088	7.90	2.10	9.10
547	M	2A	FABA	Sabi	flor	5.20	0.0021		2.25	9.14
548	M	2A	FABA	Sabi	flor	5.20	0.0021		2.35	9.05
549	S	2A	RHAM	Krug	ferr	7.60	0.0045	4.25	1.45	8.20
550	M	2A	NYCT	Piso	subc	64.10	0.3227	13.3	2.25	4.60
551	M	2A	NYCT	Piso	subc	55.40	0.2410		2.75	4.00
552	M	2A	NYCT	Piso	subc	47.50	0.1772		3.30	3.91
553	S	2A	LAUR	Ocot	cori	8.00	0.0050		4.60	7.05
554	S	2A	VERB	Cith	frut	10.70	0.0089		0.60	0.50
555	S	3A	NYCT	Guap	frag	6.40	0.0032		2.10	2.20
556	S	3A	LAUR	Ocot	cori	7.10	0.0039		2.25	3.10
557	S	3A	CAPP	Capp	indi	5.20	0.0021	4.55	0.61	6.20
558	S	3A	NYCT	Guap	frag	27.80	0.0606	12.7	0.30	7.21
559	S	3A	RHAM	Krug	ferr	8.20	0.0052	9.42	3.40	8.15
560	S	3A	CAPP	Capp	cyno	6.40	0.0032		3.30	7.61

APPENDIX III. (Continued)

561	S	3A	BURS	Burs	sima	34.40	0.0929	9.72	4.10	7.64
562	M	3A	CAPP	Capp	ampl	7.80	0.0047		4.80	6.50
563	M	3A	CAPP	Capp	ampl	9.00	0.0063		4.95	6.39
564	M	3A	CAPP	Capp	ampl	12.60	0.0124		5.20	6.36
565	M	3A	CAPP	Capp	ampl	10.50	0.0086		5.30	6.32
566	S	3A	LAUR	Ocot	cori	5.20	0.0021		6.50	8.70
567	S	3A	NYCT	Guap	frag	5.50	0.0023	5.77	4.50	2.95
568	S	3A	LAUR	Ocot	cori	10.80	0.0091		7.65	0.40
569	S	3A	MYRT	Euge	mont	8.40	0.0055	10.9	7.95	2.00
570	S	3A	CAPP	Capp	indi	5.70	0.0025		9.95	0.02
571	S	3A	LAUR	Ocot	cori	5.00	0.0019		4.90	2.99
572	M	3B	SAPI	Meli	biju	12.90	0.0130	13.6	0.19	5.09
573	M	3B	SAPI	Meli	biju	5.30	0.0022		0.05	5.43
574	M	3B	SAPI	Meli	biju	12.20	0.0116		1.10	4.19
575	M	3B	SAPI	Meli	biju	6.80	0.0036		1.30	3.94
576	M	3B	SAPI	Meli	biju	7.30	0.0041		1.40	3.90
577	M	3B	SAPI	Meli	biju	11.30	0.0100		1.50	4.05
578	S	3B	ANAC	Spon	momb	9.20	0.0066		1.20	6.79
579	S	3B	LAUR	Ocot	cori	6.50	0.0033		1.80	5.51
580	S	3B	SAPI	Meli	biju	17.00	0.0226		3.25	8.60
581	S	3B	VERB	Cith	frut	21.90	0.0376	13.0	4.15	1.65
582	M	3B	SAPI	Meli	biju	11.90	0.0111		4.95	2.00
583	M	3B	SAPI	Meli	biju	6.70	0.0035		5.10	2.05
584	S	3B	SAPI	Meli	biju	10.20	0.0081		7.65	1.10
585	M	3B	SAPI	Meli	biju	5.80	0.0026		7.30	2.15
586	M	3B	SAPI	Meli	biju	5.90	0.0027		7.40	2.39
587	M	3B	SAPI	Meli	biju	6.30	0.0031		5.70	5.85
588	M	3B	SAPI	Meli	biju	5.20	0.0021		5.95	5.92
589	S	3B	SAPI	Meli	biju	5.10	0.0020		5.40	5.50
590	S	3B	FABA	Andi	iner	5.90	0.0027		8.70	7.21
591	S	3B	SAPI	Meli	biju	5.20	0.0021		8.30	8.99
592	S	3B	LAUR	Ocot	cori	7.50	0.0044		9.75	9.20
593	M	3C	SAPI	Meli	biju	5.90	0.0027		0.30	0.98
594	M	3C	SAPI	Meli	biju	11.30	0.0100		0.45	1.04
595	M	3C	SAPI	Meli	biju	8.60	0.0058		0.85	1.32
596	M	2C	SAPI	Meli	biju	5.80	0.0026		1.15	5.45
597	S	3C	SAPI	Meli	biju	6.70	0.0035		1.75	2.12
598	M	3C	SAPI	Meli	biju	9.10	0.0065	12.4	0.12	4.65
599	M	3C	SAPI	Meli	biju	10.00	0.0078		0.50	4.12
600	M	3C	SAPI	Meli	biju	7.00	0.0038		4.25	0.95
601	M	3C	SAPI	Meli	biju	9.70	0.0073		4.67	0.73
602	M	3C	SAPI	Meli	biju	6.30	0.0031		4.40	1.35
603	S	3C	LAUR	Ocot	cori	8.90	0.0062	8.81	1.30	6.10
604	S	3C	FABA	Andi	iner	7.40	0.0043	7.90	1.30	6.09
605	S	3C	FLAC	Case	guia	5.50	0.0023	9.42	0.28	7.28
606	S	3C	BORA	Cord	alli	18.00	0.0254	14.2	0.65	8.25
607	S	3C	SAPI	Meli	biju	6.50	0.0033		2.15	0.40
608	M	3C	SAPI	Meli	biju	5.60	0.0024		5.00	1.75

APPENDIX III. (Continued)

609	M		3C	SAPI	Meli	biju	8.90	0.0062		5.00	1.52
610		S	3C	FABA	Andi	iner	14.30	0.0160		5.60	0.65
611		S	3C	SAPI	Meli	biju	11.60	0.0105		6.70	1.45
612		S	3C	MELA	Tetr	elae	18.10	0.0257		5.20	2.89
613		S	3C	SAPI	Meli	biju	6.50	0.0033		7.80	2.80
614		S	3C	LAUR	Ocot	cori	10.90	0.0093		1.85	9.65
615		S	3C	SAPI	Meli	biju	5.10	0.0020		1.85	9.95
616	M		3C	SAPI	Meli	biju	12.50	0.0122		6.85	4.24
617	M		3C	SAPI	Meli	biju	5.80	0.0026		6.50	4.20
618		S	3C	SAPI	Meli	biju	6.80	0.0036		9.10	6.29
619		S	3C	BORA	Cord	coll	15.60	0.0191	13.3	9.80	6.49
620		S	3C	FLAC	Case	sylv	5.50	0.0023		7.10	7.65
621		S	3C	MYRT	Euge	mont	7.50	0.0044		6.55	5.98
622		S	3C	MYRT	Euge	mont	11.80	0.0109	10.6	5.75	6.05
623		S	3C	SAPI	Meli	biju	5.30	0.0022		5.85	6.52
624		S	3C	SAPI	Meli	biju	7.40	0.0043		5.40	7.15
625		S	3C	SAPI	Meli	biju	9.20	0.0066		6.55	7.10
626		S	3D	SAPI	Meli	biju	12.20	0.0116		0.42	3.12
627		S	3D	SAPI	Meli	biju	7.00	0.0038		0.95	2.90
628		S	3D	SAPI	Meli	biju	8.00	0.0050		0.50	4.20
629		S	3D	LAUR	Ocot	cori	9.10	0.0065		0.12	6.15
630		S	3D	SAPI	Meli	biju	5.20	0.0021		1.90	1.95
631		S	3D	LAUR	Ocot	cori	10.70	0.0089	10.0	4.00	1.65
632		S	3D	SAPI	Meli	biju	9.40	0.0069		5.00	0.20
633		S	3D	LAUR	Ocot	cori	5.50	0.0023		6.30	0.25
634	M		3D	SAPI	Meli	biju	15.40	0.0186	14.2	6.75	2.55
635	M		3D	SAPI	Meli	biju	23.50	0.0433		6.65	2.65
636		S	3D	LAUR	Ocot	cori	11.50	0.0103	12.1	5.20	4.25
637		S	3D	SAPI	Meli	biju	13.10	0.0134		3.30	5.09
638		S	3D	SAPI	Meli	biju	8.80	0.0060		5.05	6.85
639		S	3D	SAPI	Meli	biju	7.10	0.0039	12.4	6.05	6.85
640		S	3D	NYCT	Guap	frag	11.20	0.0098	12.7	7.25	6.31
641	M		3D	SAPI	Meli	biju	10.40	0.0084		4.35	7.00
642	M		3D	SAPI	Meli	biju	7.20	0.0040		4.30	7.70
643		S	3D	SAPI	Meli	biju	5.80	0.0026		2.40	8.08
644		S	3D	FABA	Andi	iner	10.00	0.0078	10.0	2.20	9.40
645		S	3D	SAPI	Meli	biju	9.20	0.0066		4.00	8.80
646	M		3D	SAPI	Meli	biju	6.60	0.0034		4.00	8.95
647	M		3D	SAPI	Meli	biju	6.00	0.0028		4.00	9.20
648	M		3D	SAPI	Meli	biju	9.50	0.0070		4.45	9.55
649	M		3D	SAPI	Meli	biju	6.30	0.0031		4.30	9.75
650	M		3D	SAPI	Meli	biju	10.90	0.0093		5.20	9.80
651	M		3D	SAPI	Meli	biju	10.40	0.0084		5.10	9.75
652	M		3D	SAPI	Meli	biju	6.00	0.0028		5.05	9.30
653	M		3D	SAPI	Meli	biju	9.00	0.0063		5.70	9.75
654	M		3D	SAPI	Meli	biju	7.40	0.0043		5.60	9.00
655	M		3D	FABA	Andi	iner	5.20	0.0021		8.00	9.85
656	M		3D	FABA	Andi	iner	15.40	0.0186	13.3	8.07	9.95

APPENDIX III. (Continued)

657	S	3D	SAPI	Meli	biju	6.10	0.0029		7.45	8.00
658	S	3D	SAPI	Meli	biju	11.50	0.0103		8.40	9.10
659	S	3D	SAPI	Meli	biju	6.00	0.0028		9.10	9.85
660	M	3D	SAPI	Meli	biju	16.80	0.0221	12.7	9.05	9.65
661	M	3D	SAPI	Meli	biju	6.70	0.0035		8.80	9.40
662	S	3D	SAPI	Meli	biju	10.90	0.0093	10.3	9.40	6.65
663	S	3D	NYCT	Guap	frag	24.20	0.0459		9.70	5.90
664	M	3D	SAPI	Meli	biju	15.30	0.0183		8.70	4.60
665	M	3D	SAPI	Meli	biju	8.30	0.0054		8.60	4.55
666	M	3D	SAPI	Meli	biju	6.20	0.0030		8.10	4.85
667	M	3D	SAPI	Meli	biju	14.50	0.0165		9.60	2.90
668	M	3D	SAPI	Meli	biju	11.80	0.0109		9.70	2.95
669	M	3D	SAPI	Meli	biju	6.20	0.0030		9.80	2.95
670	M	3D	SAPI	Meli	biju	6.90	0.0037		9.75	2.45
671	M	3D	SAPI	Meli	biju	5.40	0.0022		9.65	2.50
672	M	3D	SAPI	Meli	biju	7.20	0.0040		9.45	2.60
673	S	3D	SAPI	Meli	biju	8.00	0.0050		9.90	1.75
674	M	3D	NYCT	Guap	frag	19.30	0.0292		9.75	1.60
675	M	3D	NYCT	Guap	frag	18.80	0.0277		9.65	1.65
676	M	3D	NYCT	Guap	frag	18.90	0.0280		9.57	1.50
677	S	3E	LAUR	Ocot	cori	10.80	0.0091		1.60	0.05
678	S	3E	LAUR	Ocot	cori	7.30	0.0041	10.9	2.15	2.10
679	S	3E	SAPI	Meli	biju	8.90	0.0062		1.60	5.51
680	S	3E	LAUR	Ocot	cori	5.40	0.0022		2.40	7.71
681	S	3E	LAUR	Ocot	cori	8.60	0.0058		3.50	8.95
682	S	3E	NYCT	Guap	frag	15.40	0.0186		4.50	9.20
683	S	3E	MYRC	Ardi	obov	6.20	0.0030	7.29	5.10	6.25
684	S	3E	FLAC	Case	sylv	6.20	0.0030	10.3	5.20	5.60
685	S	3E	SAPI	Meli	biju	9.00	0.0063	10.6	5.85	3.55
686	S	3E	NYCT	Piso	subc	35.30	0.0978	14.5	8.00	0.25
687	S	3E	MYRC	Ardi	obov	5.10	0.0020		9.85	2.82
688	S	3E	SAPI	Meli	biju	7.00	0.0038		7.50	4.50
689	S	3E	SAPI	Meli	biju	5.40	0.0022		7.65	5.65
690	M	3E	SAPO	Chry	pauc	10.10	0.0080		8.35	5.85
691	M	3E	SAPO	Chry	pauc	8.10	0.0051		8.30	6.00
692	M	3E	SAPO	Chry	pauc	14.00	0.0153	13.0	8.65	6.15
693	M	3E	SAPI	Meli	biju	10.10	0.0080		6.10	9.90
694	M	3E	SAPI	Meli	biju	6.50	0.0033		6.20	9.55
695	M	3E	SAPI	Meli	biju	12.10	0.0114		6.60	9.85
696	M	3E	SAPI	Meli	biju	13.40	0.0141	13.0	9.65	8.95
697	M	3E	SAPI	Meli	biju	6.90	0.0037		9.80	8.75
698	M	3E	SAPI	Meli	biju	5.90	0.0027		9.70	8.65
699	S	3F	SAPI	Meli	biju	7.40	0.0043		0.41	2.63
700	M	3F	SAPI	Meli	biju	8.00	0.0050		1.20	0.21
701	M	3F	SAPI	Meli	biju	8.30	0.0054		1.25	0.05
702	S	3F	NYCT	Guap	frag	31.70	0.0789	14.5	2.30	0.55
703	M	3F	SAPI	Meli	biju	6.80	0.0036	8.81	3.50	2.41
704	M	3F	SAPI	Meli	biju	5.70	0.0025		3.80	2.35

APPENDIX III. (Continued)

705	S	3F	SAPI	Meli	biju	5.40	0.0022		6.10	1.55
706	S	3F	NYCT	Guap	frag	8.20	0.0052	10.3	8.90	1.06
707	S	3F	BURS	Burs	sima	23.90	0.0448	13.3	9.05	1.75
708	S	3F	BORA	Bour	succ	16.80	0.0221		6.55	2.85
709	M	3F	NYCT	Guap	frag	23.70	0.0441		8.30	4.35
710	M	3F	NYCT	Guap	frag	12.90	0.0130		8.00	4.30
711	S	3F	SAPI	Meli	biju	5.60	0.0024		6.65	6.00
712	S	3F	VERB	Cith	frut	14.90	0.0174		6.10	6.35
713	M	3F	SAPI	Meli	biju	11.00	0.0095		4.40	8.74
714	M	3F	SAPI	Meli	biju	12.20	0.0116		4.15	8.80
715	M	3F	SAPI	Meli	biju	13.50	0.0143		4.25	8.95
716	M	3F	BORA	Bour	succ	8.10	0.0051		7.15	8.80
717	M	3F	BORA	Bour	succ	5.10	0.0020		7.15	8.65
718	S	3F	FABA	Sabi	flor	6.80	0.0036		9.00	9.90
719	S	3F	MIMO	Acac	muri	15.40	0.0186	10.0	8.95	7.55
720	S	3F	RHAM	Krug	ferr	5.30	0.0022	6.99	8.80	7.45
721	S	3G	BORA	Bour	succ	16.10	0.0203	11.5	0.29	7.92
722	S	3G	VERB	Cith	frut	8.80	0.0060	9.11	3.70	8.45
723	S	3G	BORA	Bour	succ	11.10	0.0096		4.60	9.50
724	S	3G	BIGN	Tabe	hete	8.90	0.0062		5.85	6.70
725	S	3G	RHAM	Krug	ferr	10.20	0.0081	9.11	6.05	6.50
726	S	3G	NYCT	Guap	frag	14.70	0.0169		5.90	6.45
727	S	3G	NYCT	Guap	frag	12.50	0.0122		6.20	5.61
728	M	3G	RUBI	Guet	parv	7.90	0.0049		6.00	2.35
729	M	3G	RUBI	Guet	parv	6.40	0.0032		5.85	2.41
730	M	3G	RUBI	Guet	parv	5.20	0.0021		5.80	2.90
731	M	3G	RUBI	Guet	parv	8.30	0.0054	7.59	5.80	2.60
732	M	3G	RUBI	Guet	parv	5.00	0.0019		5.75	2.80
733	M	3G	RUBI	Guet	parv	7.60	0.0045		5.70	2.50
734	S	3G	BORA	Bour	succ	13.50	0.0143		4.20	2.01
735	S	3G	RHAM	Krug	ferr	5.50	0.0023		4.00	1.42
736	S	3G	RHAM	Krug	ferr	6.20	0.0030		2.10	0.81
737	S	3G	RHAM	Krug	ferr	5.10	0.0020		8.05	0.05
738	S	3G	RHAM	Krug	ferr	12.40	0.0120	8.20	9.40	0.10
739	S	3G	RHAM	Krug	ferr	10.40	0.0084		9.25	3.25
740	S	3G	FABA	Sabi	flor	10.20	0.0081	9.72	9.00	3.90
741	S	3G	NYCT	Guap	frag	6.70	0.0035	8.51	7.90	8.65
742	M	3G	BORA	Cord	coll	12.50	0.0122	12.7	7.60	9.45
743	M	3G	BORA	Cord	coll	8.30	0.0054		7.70	9.45
744	S	3H	RHAM	Krug	ferr	7.50	0.0044		2.05	7.10
745	S	3H	RHAM	Krug	ferr	7.00	0.0038		2.50	7.75
746	S	3H	MYRT	Euge	bifl	5.50	0.0023		0.78	8.60
747	S	3H	BIGN	Tabe	hete	12.20	0.0116	8.81	3.00	9.10
748	S	3H	NYCT	Guap	frag	5.70	0.0025		3.10	8.70
749	S	3H	BURS	Burs	sima	29.70	0.0692	9.72	2.95	6.60
750	S	3H	RHAM	Krug	ferr	6.20	0.0030		2.85	6.50
751	S	3H	ERYT	Eryt	rotu	6.30	0.0031		1.60	5.31
752	S	3H	BORA	Bour	succ	8.60	0.0058	10.3	2.90	4.45

APPENDIX III. (Continued)

753	M		3H	RHAM	Krug	ferr	10.30	0.0083		2.30	3.51
754	M		3H	RHAM	Krug	ferr	5.10	0.0020		2.50	3.54
755	M		3H	RUBI	Guet	parv	13.50	0.0143		4.25	2.45
756	M		3H	RUBI	Guet	parv	11.30	0.0100		4.05	2.31
757		S	3H	RHAM	Krug	ferr	8.50	0.0056		3.80	7.60
758		S	3H	NYCT	Guap	frag	11.40	0.0102	9.11	4.00	7.50
759	M		3H	RUBI	Guet	parv	5.10	0.0020		7.45	3.20
760	M		3H	RUBI	Guet	parv	5.50	0.0023		7.35	3.00
761	M		3H	RUBI	Guet	parv	7.70	0.0046		8.10	3.10
762	M		3H	RUBI	Guet	parv	6.20	0.0030		8.10	3.00
763	M		3H	RUBI	Guet	parv	10.90	0.0093		8.00	2.95
764	M		3H	RUBI	Guet	parv	5.00	0.0019		8.25	2.65
765	M		3H	RUBI	Guet	parv	13.70	0.0147		8.30	2.45
766	M		3H	RUBI	Guet	parv	8.60	0.0058		8.00	2.38
767		S	3H	NYCT	Guap	frag	5.20	0.0021	8.51	7.75	1.92
768		S	3H	PALM	Cocc	alta	7.00	0.0038	5.16	9.00	1.85
769		S	3H	SAPI	Meli	biju	6.00	0.0028		9.10	2.50
770	M		3H	SAPI	Meli	biju	15.90	0.0198	9.11	9.00	3.00
771	M		3H	SAPI	Meli	biju	11.00	0.0095		9.15	3.10
772		S	3H	MYRT	Euge	bifl	5.70	0.0025		9.70	4.00
773		S	3H	RHAM	Krug	ferr	6.80	0.0036		8.85	5.10
774		S	3H	RUBI	Guet	parv	6.80	0.0036	10.3	8.00	6.95
775		S	3H	BURS	Burs	sima	21.40	0.0359		7.95	7.42
776		S	3I	RUTA	Amyr	elem	7.30	0.0041		0.02	7.80
777		S	3I	RHAM	Krug	ferr	10.60	0.0088	9.11	0.50	8.45
778		S	3I	RHAM	Krug	ferr	6.40	0.0032		0.71	9.20
779		S	3I	BURS	Burs	sima	27.20	0.0581		1.80	8.01
780		S	3I	NYCT	Guap	frag	8.00	0.0050	8.81	1.40	7.12
781		S	3I	BURS	Burs	sima	30.60	0.0735	12.7	1.90	5.35
782		S	3I	NYCT	Guap	frag	16.40	0.0211		2.35	5.19
783		S	3I	MORA	Ficu	citr	6.60	0.0034		3.20	4.60
784		S	3I	ERYT	Eryt	rotu	5.40	0.0022	4.55	3.10	4.10
785		S	3I	MORA	Ficu	citr	6.20	0.0030		3.30	4.50
786		S	3I	RHAM	Krug	ferr	5.60	0.0024	8.51	0.05	4.01
787		S	3I	POLY	Cocc	krug	6.90	0.0037	8.51	2.40	2.10
788		S	3I	NYCT	Guap	frag	9.90	0.0076		2.95	0.40
789	M		3I	RUBI	Guet	parv	7.50	0.0044	10.3	3.85	1.35
790	M		3I	RUBI	Guet	parv	8.40	0.0055		3.65	1.25
791		S	3I	BURS	Burs	sima	16.70	0.0219		4.80	1.20
792		S	3I	RUBI	Guet	parv	5.20	0.0021		5.70	2.21
793	M		3I	RHAM	Krug	ferr	8.80	0.0060		7.50	2.25
794	M		3I	RHAM	Krug	ferr	11.60	0.0105		7.60	2.40
795	M		3I	RHAM	Krug	ferr	5.80	0.0026		7.45	2.35
796		S	3I	MYRT	Euge	mont	7.60	0.0045	8.81	8.50	3.31
797		S	3I	FLAC	Case	guia	6.60	0.0034		9.45	1.92
798		S	3I	BORA	Bour	succ	12.90	0.0130		9.55	0.40
799	M		3I	POLY	Cocc	krug	7.80	0.0047		7.85	4.31
800	M		3I	POLY	Cocc	krug	7.40	0.0043		7.90	4.55

APPENDIX III. (Continued)

801	M	3I	POLY	Cocc	krug	9.90	0.0076	9.72	1.30	5.18
802	M	3I	POLY	Cocc	krug	8.90	0.0062		7.70	4.43
803	S	3I	NYCT	Guap	frag	15.00	0.0176	10.3	5.80	5.50
804	S	3I	RUBI	Guet	parv	9.20	0.0066		5.80	5.60
805	S	3I	BIGN	Tabe	hete	13.10	0.0134	12.1	5.25	6.95
806	M	3I	CELA	Mayt	elli	15.90	0.0198		4.00	7.65
807	M	3I	CELA	Mayt	elli	5.70	0.0025		4.70	7.60
808	M	3I	CELA	Mayt	elli	7.60	0.0045	8.51	4.60	8.20
809	S	3I	FLAC	Case	guia	8.00	0.0050		4.30	8.40
810	S	3I	BORA	Bour	succ	14.50	0.0165		8.00	8.25
811	M	3I	VERB	Cith	frut	6.90	0.0037		8.85	6.85
812	M	3I	MYRT	Euge	bifl	6.80	0.0036		9.00	6.75
813	M	3I	VERB	Cith	frut	11.60	0.0105	11.5	9.15	6.75
814	M	3I	VERB	Cith	frut	5.30	0.0022		9.10	6.70
815	S	3J	RHAM	Krug	ferr	7.70	0.0046		1.47	5.50
816	S	3J	RUBI	Exos	cari	9.70	0.0073	11.2	3.35	3.40
817	S	3J	RHAM	Krug	ferr	5.40	0.0022		3.20	5.13
818	S	3J	RHAM	Krug	ferr	8.20	0.0052		4.30	5.12
819	M	3J	POLY	Cocc	krug	13.60	0.0145	9.72	7.00	3.10
820	M	3J	POLY	Cocc	krug	7.10	0.0039		7.05	3.00
821	S	3J	POLY	Cocc	krug	6.90	0.0037		3.50	6.21
822	S	3J	POLY	Cocc	krug	10.80	0.0091		3.40	8.42
823	S	3J	RHAM	Krug	ferr	10.80	0.0091	10.0	4.90	5.18
824	S	3J	RHAM	Krug	ferr	5.20	0.0021		2.55	9.01
825	S	3J	RHAM	Krug	ferr	5.20	0.0021		4.05	9.25
826	M	3J	POLY	Cocc	krug	10.50	0.0086		6.30	7.32
827	M	3J	POLY	Cocc	krug	11.10	0.0096	8.20	6.40	7.25
828	S	3J	RHAM	Krug	ferr	6.80	0.0036		7.20	4.92
829	S	3J	RHAM	Krug	ferr	5.00	0.0019		9.00	3.29
830	M	4J	RHAM	Krug	ferr	8.10	0.0051		8.30	2.09
831	M	4J	RHAM	Krug	ferr	6.10	0.0029		8.60	1.90
832	S	4J	RHAM	Krug	ferr	7.10	0.0039	7.59	7.15	1.61
833	M	4J	RHAM	Krug	ferr	9.80	0.0075		9.10	3.00
834	M	4J	RHAM	Krug	ferr	6.20	0.0030		9.00	3.00
835	S	4J	RUBI	Guet	scab	8.00	0.0050	8.20	9.05	2.80
836	S	4J	CELA	Mayt	elli	10.20	0.0081		8.80	5.00
837	M	4J	CELA	Mayt	elli	7.90	0.0049		9.30	6.15
838	M	4J	CELA	Mayt	elli	5.00	0.0019		9.00	6.50
839	S	4J	MORA	Ficu	citr	9.30	0.0067		8.70	7.31
840	S	4J	CELA	Mayt	elli	11.70	0.0107	6.99	8.45	7.15
841	S	4J	BORA	Bour	succ	11.60	0.0105	6.99	9.30	7.95
842	S	4J	BORA	Bour	succ	6.00	0.0028		7.50	8.83
843	S	4J	BORA	Bour	succ	6.90	0.0037		7.00	8.80
844	S	4J	RHAM	Krug	ferr	9.20	0.0066		6.30	9.37
845	M	4J	BIGN	Tabe	hete	13.40	0.0141	8.81	5.10	8.62
846	M	4J	BIGN	Tabe	hete	9.40	0.0069		5.00	8.56
847	S	4J	RHAM	Krug	ferr	5.70	0.0025		6.90	7.81
848	S	4J	MYRT	Euge	bifl	6.50	0.0033	6.99	2.20	8.91

APPENDIX III. (Continued)

849	M	4J	BIGN	Tabe	hete	11.80	0.0109	9.72	1.15	9.82
850	M	4J	BIGN	Tabe	hete	11.20	0.0098		1.00	9.85
851	S	4J	FABA	Sabi	flor	5.30	0.0022		0.85	8.60
852	S	4J	BURS	Burs	sima	17.50	0.0240	9.11	0.50	6.41
853	S	4J	RUBI	Guet	parv	5.60	0.0024		5.40	4.31
854	S	4J	MYRT	Euge	mont	6.00	0.0028	6.07	6.50	3.61
855	S	4J	MORA	Ficu	citr	7.00	0.0038	7.59	1.20	5.01
856	S	4J	RUBI	Pali	domi	6.90	0.0037		0.40	5.24
857	S	4J	RHAM	Krug	ferr	6.50	0.0033		2.40	3.84
858	M	4J	FABA	Pisc	cart	7.60	0.0045	8.51	1.05	2.69
859	M	4J	FABA	Pisc	cart	7.20	0.0040		1.10	2.59
860	M	4J	RHAM	Krug	ferr	6.90	0.0037		5.40	1.41
861	M	4J	RHAM	Krug	ferr	5.10	0.0020		5.15	1.35
862	S	4J	BURS	Burs	sima	31.10	0.0759	10.3	4.95	1.61
863	M	4J	RUTA	Amyr	elem	8.90	0.0062		1.25	0.08
864	M	4J	RUTA	Amyr	elem	7.10	0.0039		1.10	0.15
865	S	4I	MORA	Ficu	citr	7.00	0.0038		9.05	3.39
866	S	4I	BURS	Burs	sima	14.30	0.0160	8.51	9.00	4.60
867	S	4I	BURS	Burs	sima	18.80	0.0277	8.20	6.80	6.80
868	S	4I	EUPH	Plum	alba	9.80	0.0075	6.07	6.45	6.10
869	S	4I	RUBI	Guet	scab	6.00	0.0028		9.95	9.00
870	S	4I	BURS	Burs	sima	9.50	0.0070		7.30	9.15
871	M	4I	BIGN	Tabe	hete	11.90	0.0111		3.15	8.90
872	M	4I	BIGN	Tabe	hete	22.70	0.0404	10.6	2.65	8.90
873	M	4I	BIGN	Tabe	hete	7.40	0.0043		2.80	9.02
874	S	4I	MYRT	Euge	mont	6.90	0.0037	6.68	2.55	8.15
875	S	4I	BIGN	Tabe	hete	7.90	0.0049	6.99	4.15	6.15
876	M	4I	RUBI	Guet	parv	10.90	0.0093	6.99	4.00	5.50
877	M	4I	RUBI	Guet	parv	8.60	0.0058		3.70	5.45
878	M	4I	VERB	Cith	frut	8.10	0.0051	9.72	3.75	5.21
879	M	4I	VERB	Cith	frut	7.90	0.0049		3.35	4.45
880	M	4I	CELA	Mayt	elli	7.90	0.0049		3.75	4.42
881	M	4I	CELA	Mayt	elli	10.40	0.0084		3.60	4.35
882	S	4I	RHAM	Krug	ferr	10.90	0.0093	8.20	6.05	2.80
883	S	4I	BIGN	Tabe	hete	8.50	0.0056		6.20	2.70
884	S	4I	VERB	Cith	frut	8.00	0.0050		6.30	3.00
885	S	4I	CELA	Mayt	elli	14.10	0.0156	9.11	7.80	3.10
886	S	4I	RHAM	Krug	ferr	6.10	0.0029		5.00	0.20
887	S	4I	CAPP	Capp	indi	9.40	0.0069	3.95	2.40	3.60
888	S	4H	ERYT	Eryt	rotu	9.70	0.0073	4.25	9.10	8.00
889	S	4H	BURS	Burs	sima	16.20	0.0206	9.42	9.00	4.20
890	S	4H	EUPH	Plum	alba	7.20	0.0040	3.95	7.50	3.85
891	S	4H	RHAM	Krug	ferr	5.60	0.0024		9.20	0.05
892	S	4H	MYRT	Euge	mont	6.30	0.0031	7.90	6.30	4.00
893	S	4H	SAPI	Meli	biju	15.90	0.0198	10.3	5.45	4.45
894	M	4H	MYRT	Euge	bifl	6.60	0.0034		4.40	9.10
895	M	4H	MYRT	Euge	bifl	9.10	0.0034	9.72	4.45	9.15
896	S	4H	MYRT	Euge	mont	9.00	0.0063	9.72	3.15	9.30

APPENDIX III. (Continued)

897	M	4H	BIGN	Tabe	hete	12.70	0.0126	9.11	1.50	6.80
898	M	4H	BIGN	Tabe	hete	5.40	0.0022		1.35	6.90
899	S	4H	VERB	Cith	frut	7.20	0.0040	5.77	4.00	4.10
900	S	4H	MYRT	Euge	mont	5.90	0.0027	6.38	0.32	2.15
901	S	4G	BURS	Burs	sima	25.50	0.0510		9.90	9.55
902	S	4G	FABA	Sabi	flor	5.80	0.0026	4.55	9.55	7.35
903	S	4G	BIGN	Tabe	hete	6.10	0.0029	7.90	9.60	7.45
904	M	4G	RUBI	Guet	parv	5.10	0.0020		7.25	6.25
905	M	4G	RUBI	Guet	parv	9.60	0.0072	10.0	6.90	6.30
906	S	4G	NYCT	Guap	frag	10.00	0.0078	10.9	8.80	4.60
907	M	4G	FABA	Pisc	cart	8.50	0.0056		5.55	6.76
908	M	4G	FABA	Pisc	cart	5.60	0.0024		5.40	6.85
909	S	4G	BIGN	Tabe	hete	13.00	0.0132	10.3	5.20	6.50
910	S	4G	MYRT	Euge	bifl	6.30	0.0031	8.81	2.25	9.45
911	S	4G	NYCT	Guap	frag	16.50	0.0213		1.95	9.21
912	M	4G	NYCT	Guap	frag	13.00	0.0132	10.9	1.30	5.25
913	M	4G	NYCT	Guap	frag	10.00	0.0078		1.20	5.10
914	S	4G	BORA	Bour	succ	11.60	0.0105	6.68	3.30	4.65
915	M	4G	POLY	Cocc	krug	13.30	0.0138	10.3	2.80	4.45
916	M	4G	POLY	Cocc	krug	8.30	0.0054		2.60	4.4
917	S	4G	LAUR	Lica	sali	6.00	0.0028	6.99	7.60	2.45
918	S	4G	NYCT	Guap	frag	23.30	0.0426	10.9	8.00	2.30
919	S	4G	NYCT	Guap	frag	13.70	0.0147	10.3	8.60	1.05
920	S	4G	BURS	Burs	sima	32.20	0.0814	12.4	6.90	0.85
921	S	4G	BURS	Burs	sima	18.30	0.0263	11.2	3.85	1.25
922	S	4G	BURS	Burs	sima	24.30	0.0463		2.20	1.55
923	S	4G	CELA	Mayt	elli	7.20	0.0040		2.30	2.31
924	S	4G	BORA	Bour	succ	7.80	0.0047	9.42	0.54	4.65
925	S	4F	SAPI	Meli	biju	6.40	0.0032	7.59	9.80	8.75
926	S	4F	LAUR	Ocot	cori	5.60	0.0024	7.29	8.45	9.15
927	S	4F	RUBI	Guet	parv	6.90	0.0037	7.59	7.80	8.61
928	S	4F	FLAC	Case	guia	5.50	0.0023	6.38	6.40	9.30
929	S	4F	BORA	Bour	succ	36.70	0.1057	11.8	6.10	9.25
930	S	4F	FLAC	Case	guia	7.50	0.0044	8.51	7.75	7.80
931	S	4F	POLY	Cocc	krug	11.70	0.0107	9.72	7.80	5.02
932	S	4F	LAUR	Ocot	cori	6.60	0.0034	8.20	4.70	6.40
933	S	4F	FLAC	Case	guia	5.80	0.0026	7.59	4.10	6.70
934	S	4F	RHAM	Krug	ferr	6.00	0.0028		5.20	4.00
935	M	4F	MORA	Ficu	citr	11.30	0.0100	9.11	2.70	4.85
936	M	4F	MORA	Ficu	citr	8.80	0.0060		3.20	4.80
937	S	4F	RHAM	Krug	ferr	10.20	0.0081	8.20	2.80	5.25
938	S	4F	FLAC	Case	deca	6.10	0.0029	8.51	1.10	8.85
939	S	4F	RHAM	Krug	ferr	7.20	0.0040	7.59	3.80	1.10
940	S	4F	LAUR	Ocot	cori	8.10	0.0051		1.20	2.51
941	M	4E	NYCT	Guap	frag	16.30	0.0208	11.8	9.75	8.50
942	M	4E	NYCT	Guap	frag	12.40	0.0120		9.80	8.20
943	S	4E	MYRT	Euge	mont	9.90	0.0076	10.9	8.40	6.50
944	M	4E	SAPI	Meli	biju	15.10	0.0179		8.20	7.15

APPENDIX III. (Continued)

945	M	4E	SAPI	Meli	biju	8.90	0.0062	11.5	8.10	7.05
946	M	4E	SAPI	Meli	biju	6.70	0.0035		8.65	7.21
947	S	4E	LAUR	Ocot	cori	8.60	0.0058	7.29	4.40	8.75
948	S	4E	NYCT	Guap	frag	43.90	0.1513	18.2	4.20	7.95
949	S	4E	MYRC	Ardi	obov	5.30	0.0022		4.15	9.05
950	S	4E	FLAC	Case	guia	6.30	0.0031	7.29	8.70	3.45
951	S	4E	SAPI	Meli	biju	10.20	0.0081		6.60	4.00
952	S	4E	RHAM	Krug	ferr	6.40	0.0032		7.90	0.25
953	M	4E	SAPI	Meli	biju	8.80	0.0060		6.80	0.15
954	M	4E	SAPI	Meli	biju	14.20	0.0158		6.55	0.15
955	S	4E	NYCT	Guap	frag	20.60	0.0333	13.0	5.40	1.85
956	S	4E	SAPI	Meli	biju	5.60	0.0024		4.10	4.35
957	S	4E	NYCT	Guap	frag	34.40	0.0929	12.1	1.70	6.10
958	M	4E	LAUR	Ocot	cori	6.10	0.0029		0.50	6.71
959	M	4E	LAUR	Ocot	cori	11.70	0.0107	11.5	0.25	6.40
960	S	4E	LAUR	Ocot	cori	13.00	0.0132		2.60	4.95
961	M	4E	SAPI	Meli	biju	8.00	0.0050		3.40	1.35
962	M	4E	SAPI	Meli	biju	5.10	0.0020		3.20	1.71
963	S	4E	LAUR	Ocot	cori	5.60	0.0024		0.60	3.55
964	S	4E	SAPI	Meli	biju	11.90	0.0111		1.75	2.35
965	S	4E	NYCT	Guap	frag	13.40	0.0141	12.4	0.40	0.07
966	S	4D	LAUR	Ocot	cori	8.50	0.0056		9.60	9.65
967	M	4D	ERYT	Eryt	rotu	6.60	0.0034	10.0	9.07	9.40
968	M	4D	ERYT	Eryt	rotu	5.80	0.0026		9.00	9.45
969	M	4D	SAPI	Meli	biju	11.50	0.0103	12.4	7.55	8.95
970	M	4D	SAPI	Meli	biju	11.20	0.0098		7.48	9.00
971	M	4D	SAPI	Meli	biju	5.80	0.0026		7.40	8.90
972	M	4D	SAPI	Meli	biju	5.80	0.0026		7.42	9.05
973	S	4D	NYCT	Guap	frag	18.60	0.0271	13.0	8.40	7.85
974	S	4D	SAPI	Meli	biju	5.30	0.0022		9.15	6.70
975	S	4D	BURS	Burs	sima	18.30	0.0263		8.60	5.90
976	M	4D	SAPI	Meli	biju	15.00	0.0176	12.1	4.10	8.32
977	M	4D	SAPI	Meli	biju	7.40	0.0043		4.00	7.95
978	M	4D	SAPI	Meli	biju	7.10	0.0039		3.20	8.80
979	M	4D	SAPI	Meli	biju	5.50	0.0023		3.15	8.84
980	M	4D	SAPI	Meli	biju	13.00	0.0132		3.30	8.20
981	S	4D	MYRT	Euge	mont	6.10	0.0029	8.51	7.75	4.00
982	S	4D	SAPI	Meli	biju	10.40	0.0084		9.65	2.05
983	S	4D	RUBI	Guet	parv	7.60	0.0045		8.45	1.40
984	S	4D	SAPI	Meli	biju	7.50	0.0044		9.25	0.15
985	S	4D	RUTA	Zant	mart	19.20	0.0289	15.5	7.60	0.75
986	M	4D	MELA	Tetr	elae	10.20	0.0081	11.2	7.55	0.45
987	M	4D	MELA	Tetr	elae	6.90	0.0037		7.80	0.55
988	S	4D	LAUR	Ocot	cori	5.50	0.0023		5.90	0.80
989	S	4D	BORA	Cord	coll	7.70	0.0046	9.11	5.75	1.45
990	S	4D	BORA	Cord	coll	9.90	0.0076	12.7	0.65	5.15
991	S	4D	SAPI	Meli	biju	9.20	0.0066		1.10	7.55
992	S	4D	LAUR	Ocot	cori	9.40	0.0069		0.25	3.80

APPENDIX III. (Continued)

993	M	4D	SAPI	Meli	biju	5.00	0.0019		2.00	2.01
994	M	4D	SAPI	Meli	biju	5.10	0.0020		2.00	1.95
995	M	4C	SAPI	Meli	biju	9.80	0.0075		8.75	0.40
996	M	4C	SAPI	Meli	biju	7.20	0.0040		8.95	0.10
997	M	4C	SAPI	Meli	biju	9.80	0.0075	12.4	8.80	0.05
998	M	4C	SAPI	Meli	biju	7.60	0.0045		8.45	0.94
999	M	4C	SAPI	Meli	biju	7.60	0.0045		8.30	0.76
1000	S	4C	SAPI	Meli	biju	9.90	0.0076		7.95	3.10
1001	S	3D	SAPI	Meli	biju	9.00	0.0063		2.10	7.48
2801	M	4C	SAPI	Meli	biju	11.70	0.0107		6.25	2.50
2802	M	4C	SAPI	Meli	biju	8.20	0.0052		6.30	2.30
2803	M	4C	SAPI	Meli	biju	5.70	0.0025		6.10	2.40
2804	S	4C	LAUR	Ocot	cori	9.10	0.0065		7.95	2.60
2805	S	4C	SAPI	Meli	biju	11.20	0.0098	13.9	8.60	3.90
2806	M	4C	SAPI	Meli	biju	8.50	0.0056		8.50	4.30
2807	M	4C	SAPI	Meli	biju	9.60	0.0072		8.60	4.40
2808	M	4C	SAPI	Meli	biju	5.80	0.0026		9.45	6.30
2809	M	4C	SAPI	Meli	biju	5.70	0.0025		8.85	5.90
2810	M	4C	SAPI	Meli	biju	5.00	0.0019		8.95	5.95
2811	M	4C	SAPI	Meli	biju	8.00	0.0050		8.85	6.10
2812	S	4C	LAUR	Ocot	cori	8.80	0.0060		8.30	6.90
2813	S	4C	SAPI	Meli	biju	6.70	0.0035		8.00	7.30
2814	S	4C	RUBI	Guet	scab	6.70	0.0035		7.55	7.15
2815	S	4C	SAPI	Meli	biju	6.00	0.0028		6.40	9.65
2816	M	4C	SAPI	Meli	biju	14.30	0.0160		5.85	8.85
2817	M	4C	SAPI	Meli	biju	6.00	0.0028		5.10	8.70
2818	S	4C	LAUR	Ocot	cori	9.50	0.0070		7.50	6.40
2819	S	4C	SAPI	Meli	biju	9.20	0.0066		7.80	5.65
2820	M	4C	SAPI	Meli	biju	7.70	0.0046		7.00	5.50
2821	M	4C	SAPI	Meli	biju	5.90	0.0027		7.05	5.40
2822	S	4C	SAPI	Meli	biju	7.80	0.0047		7.45	5.45
2823	S	4C	ANAC	Spon	momb	34.40	0.0929	15.8	7.05	5.75
2824	S	4C	SAPI	Meli	biju	8.50	0.0056		5.50	5.05
2825	M	4C	SAPI	Meli	biju	7.40	0.0043		4.30	6.08
2826	M	4C	SAPI	Meli	biju	6.50	0.0033		4.28	5.20
2827	M	4C	SAPI	Meli	biju	5.00	0.0019		4.25	5.08
2828	M	4C	SAPI	Meli	biju	9.10	0.0065	10.6	4.25	5.32
2829	M	4C	SAPI	Meli	biju	5.60	0.0024		4.10	5.38
2830	M	4C	SAPI	Meli	biju	6.50	0.0033		4.00	5.92
2831	M	4C	SAPI	Meli	biju	6.40	0.0032		3.95	3.60
2832	M	4C	SAPI	Meli	biju	5.20	0.0021		7.05	5.75
2833	S	4C	SAPI	Meli	biju	16.50	0.0213	10.4	0.41	9.80
2834	S	4C	SAPI	Meli	biju	6.40	0.0032		3.75	1.00
2835	S	4C	SAPI	Meli	biju	7.40	0.0043		3.80	0.05
2836	S	4C	SAPI	Meli	biju	6.00	0.0028		0.25	2.89
2837	M	4B	FABA	Andi	iner	6.00	0.0028		9.70	7.50
2838	M	4B	FABA	Andi	iner	10.90	0.0093	13.0	9.00	8.60
2839	S	4B	LAUR	Ocot	cori	6.50	0.0033	9.72	8.90	7.30

APPENDIX III. (Continued)

2840	S	4B	SAPI	Meli	biju	8.50	0.0056		9.75	5.75
2841	S	4B	FABA	Andi	iner	11.10	0.0096	13.6	9.40	3.69
2842	M	4B	SAPI	Meli	biju	14.00	0.0153	12.7	8.80	3.55
2843	M	4B	SAPI	Meli	biju	6.70	0.0035		8.70	3.20
2844	M	4B	SAPI	Meli	biju	8.30	0.0054		8.95	3.26
2845	M	4B	SAPI	Meli	biju	10.80	0.0091		9.10	3.35
2846	S	4B	SAPI	Meli	biju	6.10	0.0029		9.05	1.45
2847	S	4B	SAPI	Meli	biju	14.30	0.0160		8.90	5.65
2848	S	4B	MELA	Tetr	elae	12.10	0.0114	12.1	6.10	5.95
2849	S	4B	MELA	Tetr	elae	12.10	0.0114	12.7	5.80	5.40
2850	M	4B	SAPI	Meli	biju	10.20	0.0081		3.50	7.40
2851	M	4B	SAPI	Meli	biju	7.60	0.0045		3.70	7.30
2852	M	4B	SAPI	Meli	biju	10.20	0.0081		3.55	7.55
2853	M	4B	SAPI	Meli	biju	7.00	0.0038		3.65	7.50
2854	M	4B	SAPI	Meli	biju	16.30	0.0208		3.20	9.40
2855	M	4B	SAPI	Meli	biju	11.40	0.0102		3.10	9.65
2856	M	4B	SAPI	Meli	biju	5.00	0.0019		3.15	9.80
2857	M	4B	SAPI	Meli	biju	6.10	0.0029		3.30	9.45
2858	M	4B	SAPI	Meli	biju	8.10	0.0051		3.40	9.75
2859	M	4B	SAPI	Meli	biju	5.80	0.0026		3.55	9.48
2860	S	4B	MELA	Tetr	elae	7.80	0.0047	10.0	4.65	4.15
2861	S	4B	RUBI	Guet	parv	5.30	0.0022		4.35	0.03
2862	S	4B	SAPI	Meli	biju	7.20	0.0040		2.90	2.22
2863	M	4B	SAPI	Meli	biju	5.90	0.0027		2.20	0.35
2864	M	4B	SAPI	Meli	biju	7.60	0.0045		2.15	0.25
2865	M	4B	SAPI	Meli	biju	8.80	0.0060		1.95	0.33
2866	M	4B	SAPI	Meli	biju	15.00	0.0176		2.20	2.01
2867	M	4B	SAPI	Meli	biju	13.90	0.0151		2.00	1.81
2868	M	4B	SAPI	Meli	biju	7.70	0.0046		1.90	1.80
2869	M	4B	SAPI	Meli	biju	5.80	0.0026		2.15	2.60
2870	S	4B	MELA	Tetr	elae	11.70	0.0107	9.11	0.60	6.10
2871	M	4B	SAPI	Meli	biju	16.00	0.0201		0.15	8.10
2872	M	4B	SAPI	Meli	biju	5.40	0.0022		0.45	8.15
2873	S	4B	VERB	Citr	frut	15.90	0.0198	14.5	0.55	9.70
2874	S	4A	CAPP	Capp	cyno	8.50	0.0056	6.07	9.00	9.10
2875	S	4A	RHAM	Krug	ferr	6.10	0.0029		3.80	5.45
2876	S	4A	NYCT	Guap	frag	26.30	0.0543	15.8	9.05	4.20
2877	S	4A	NYCT	Guap	frag	14.00	0.0153	13.6	7.65	3.95
2878	S	4A	NYCT	Guap	frag	13.50	0.0143	10.9	8.00	3.79
2879	S	4A	NYCT	Guap	frag	19.50	0.0298		8.05	3.65
2880	S	4A	SAPI	Meli	biju	7.10	0.0039		8.70	2.95
2881	S	4A	NYCT	Guap	frag	9.40	0.0069	10.6	8.25	2.50
2882	M	4A	SAPI	Meli	biju	5.90	0.0027		6.50	0.60
2883	M	4A	SAPI	Meli	biju	7.60	0.0045		6.45	0.25
2884	M	4A	SAPI	Meli	biju	14.00	0.0153		6.30	0.30
2885	M	4A	SAPI	Meli	biju	9.00	0.0063		6.10	0.38
2886	S	4A	MYRC	Ardi	obov	6.00	0.0028	4.86	5.05	2.00
2887	S	4A	SAPI	Meli	biju	10.30	0.0083		4.85	1.10

APPENDIX III. (Continued)

2888	S	4A	BORA	Cord	coll	8.70	0.0059	8.81	4.00	1.61
2889	M	4A	SAPI	Meli	biju	9.20	0.0066		4.10	4.32
2890	M	4A	SAPI	Meli	biju	21.50	0.0363		4.20	4.40
2891	S	4A	RHAM	Krug	ferr	6.00	0.0028	6.38	2.00	4.35
2892	M	4A	BIGN	Tabe	hete	12.50	0.0122		0.95	1.31
2893	M	4A	BIGN	Tabe	hete	21.20	0.0352	13.3	1.15	1.15
2894	M	4A	BIGN	Tabe	hete	5.90	0.0027		1.05	1.08
2895	S	4A	BIGN	Tabe	hete	10.80	0.0091		1.45	0.55
2896	S	4A	CAPP	Capp	indi	5.70	0.0025	3.34	0.60	7.59
2897	S	4A	BIGN	Tabe	hate	7.30	0.0041	6.68	0.36	7.70
2898	M	5A	FABA	Sabi	flor	7.60	0.0045		0.80	2.01
2899	M	5A	FABA	Sabi	flor	8.00	0.0050	6.99	0.70	2.31
2900	S	5A	MIMO	Leuc	leuc	8.70	0.0059		2.80	4.12
2901	S	5A	CAPP	Capp	indi	10.80	0.0091	6.07	3.20	1.60
2902	S	5A	MELA	Tetr	elae	9.20	0.0066	6.99	3.70	1.25
2903	S	5A	MYRT	Euge	mont	6.40	0.0032		3.00	5.01
2904	M	5A	BIGN	Tabe	hete	7.50	0.0044		3.10	6.10
2905	M	5A	BIGN	Tabe	hete	9.30	0.0067	8.81	3.15	6.17
2906	S	5A	CAPP	Capp	indi	5.10	0.0020		0.50	7.37
2907	S	5A	BIGN	Tabe	hete	5.20	0.0021		0.25	7.30
2908	S	5A	NYCT	Guap	frag	15.90	0.0198	9.11	4.20	9.55
2909	S	5A	NYCT	Guap	frag	10.70	0.0089	8.51	4.45	6.80
2910	S	5A	CAPP	Capp	indi	7.90	0.0049	3.64	4.70	6.80
2911	S	5A	MYRT	Euge	bifl	5.40	0.0022	6.38	4.80	6.30
2912	S	5A	RHAM	Krug	ferr	6.00	0.0028		5.90	6.70
2913	S	5A	LAUR	Ocot	cori	5.00	0.0019		5.10	7.05
2914	M	5A	LAUR	Ocot	cori	7.60	0.0045	8.81	6.80	7.40
2915	M	5A	LAUR	Ocot	cori	10.20	0.0081		6.95	7.32
2916	S	5A	MELA	Tetr	elae	14.20	0.0158	10.3	7.05	7.42
2917	S	5A	RHAM	Krug	ferr	8.80	0.0060	10.0	3.50	6.55
2918	S	5A	NYCT	Guap	frag	7.10	0.0039	7.59	8.20	3.25
2919	S	5A	BORA	Cord	coll	11.00	0.0095	12.4	8.60	2.45
2920	S	5A	VERB	Cith	frut	8.30	0.0054	7.29	9.25	4.25
2921	S	5A	MYRT	Euge	bifl	8.70	0.0059	10.0	9.00	5.55
2922	S	5B	MELA	Tetr	elae	13.30	0.0138	12.4	0.35	9.35
2923	S	5B	BORA	Cord	alli	8.50	0.0056	9.72	2.90	6.90
2924	M	5B	MYRC	Ardi	obov	7.50	0.0044		4.00	3.40
2925	M	5B	MYRC	Ardi	obov	8.20	0.0052	8.20	4.05	3.45
2926	M	5B	SAPI	Meli	biju	20.40	0.0326	13.0	5.95	4.00
2927	M	5B	SAPI	Meli	biju	9.50	0.0070		6.50	4.05
2928	S	5B	SAPI	Meli	biju	9.10	0.0065		7.60	3.70
2929	S	5B	SAPI	Meli	biju	12.30	0.0118		6.90	0.75
2930	S	5B	SAPI	Meli	biju	6.90	0.0037		9.00	2.60
2931	M	5B	SAPI	Meli	biju	9.50	0.0070		7.65	4.70
2932	M	5B	SAPI	Meli	biju	11.00	0.0095		7.60	4.90
2933	S	5B	RUTA	Zant	mart	8.00	0.0050	13.0	8.00	5.40
2934	S	5B	BORA	Cord	coll	20.10	0.0317	15.5	8.35	7.00
2935	S	5B	FABA	Andi	iner	10.90	0.0093	12.4	8.40	9.75

APPENDIX III. (Continued)

2936	M	5C	SAPI	Meli	biju	8.70	0.0059		3.50	5.95
2937	M	5C	SAPI	Meli	biju	6.10	0.0029		3.40	5.80
2938	M	5C	SAPI	Meli	biju	5.60	0.0024		3.90	5.01
2939	M	5C	SAPI	Meli	biju	9.70	0.0073		4.35	4.80
2940	M	5C	SAPI	Meli	biju	5.80	0.0026		3.70	4.30
2941	S	5C	FABA	Andi	iner	21.60	0.0366	15.5	4.20	1.20
2942	S	5C	SAPI	Meli	biju	12.90	0.0130	14.5	0.15	0.08
2943	M	5C	SAPI	Meli	biju	10.20	0.0081		7.00	2.81
2944	M	5C	SAPI	Meli	biju	5.50	0.0023		6.85	2.76
2945	M	5C	SAPI	Meli	biju	6.40	0.0032		6.80	2.51
2946	S	5C	LAUR	Ocot	cori	6.80	0.0036		3.60	9.75
2947	S	5C	NYCT	Guap	frag	10.80	0.0091	10.6	8.00	4.97
2948	M	5C	SAPI	Meli	biju	7.10	0.0039		5.45	8.45
2949	M	5C	SAPI	Meli	biju	10.80	0.0091		5.70	8.95
2950	M	5C	SAPI	Meli	biju	6.00	0.0028		5.80	9.05
2951	M	5C	SAPI	Meli	biju	6.60	0.0034		7.50	7.85
2952	M	5C	SAPI	Meli	biju	9.20	0.0066		7.30	8.20
2953	M	5C	SAPI	Meli	biju	5.30	0.0022		7.45	8.46
2954	M	5C	SAPI	Meli	biju	18.90	0.0280	14.5	7.55	8.51
2955	M	5C	SAPI	Meli	biju	24.70	0.0479		9.65	5.57
2956	M	5C	SAPI	Meli	biju	38.20	0.1146		8.80	5.85
2957	M	5C	SAPI	Meli	biju	34.70	0.0945		9.10	5.35
2958	M	5C	SAPI	Meli	biju	12.80	0.0128		8.75	5.45
2959	M	5C	SAPI	Meli	biju	5.60	0.0024		8.90	5.62
2960	S	5C	SAPI	Meli	biju	10.00	0.0078		9.20	1.00
2961	S	5C	SAPI	Meli	biju	6.20	0.0030		9.80	2.19
2962	S	5D	LAUR	Ocot	cori	8.70	0.0059	12.4	1.25	2.31
2963	S	5D	FLAC	Case	guia	10.90	0.0093	14.5	0.70	5.45
2964	S	5D	LAUR	Ocot	cori	5.20	0.0021		2.55	8.45
2965	S	5D	MELA	Tetr	elae	5.30	0.0022		4.70	9.00
2966	M	5D	SAPI	Meli	biju	12.70	0.0126		5.35	8.48
2967	M	5D	SAPI	Meli	biju	7.10	0.0039		5.25	8.51
2968	M	5D	SAPI	Meli	biju	5.20	0.0021		5.15	8.42
2969	M	5D	SAPI	Meli	biju	6.00	0.0028		4.75	8.50
2970	S	5D	LAUR	Ocot	cori	7.10	0.0039		3.55	5.52
2971	M	5D	SAPI	Meli	biju	10.70	0.0089		6.75	5.05
2972	M	5D	SAPI	Meli	biju	6.60	0.0034		6.85	4.95
2973	M	5D	SAPI	Meli	biju	16.30	0.0208		6.60	4.55
2974	M	5D	SAPI	Meli	biju	14.40	0.0162		6.20	4.75
2975	S	5D	BORA	Cord	alli	6.00	0.0028	7.59	8.00	4.00
2976	S	5D	MYRT	Euge	mont	7.30	0.0041	11.8	9.30	6.15
2977	S	5D	FABA	Andi	iner	10.00	0.0078	12.1	9.65	6.85
2978	S	5D	NYCT	Guap	frag	14.00	0.0153		9.00	8.70
2979	S	5D	LAUR	Ocot	cori	9.60	0.0072	11.5	8.50	8.70
2980	S	5E	CAPP	Capp	cyno	8.90	0.0062	8.51	2.15	6.51
2981	S	5E	LAUR	Ocot	cori	11.60	0.0105		0.60	5.31
2982	S	5E	LAUR	Ocot	cori	5.90	0.0027		0.75	3.70
2983	M	5E	RUBI	Guet	parv	8.20	0.0052	6.68	2.55	3.05

APPENDIX III. (Continued)

2984	M	5E	RUBI	Guet	parv	5.30	0.0022		2.70	3.45
2985	S	5E	BORA	Bour	succ	6.50	0.0033		3.85	0.55
2986	S	5E	SAPI	Meli	biju	9.40	0.0069	12.7	7.25	4.40
2987	S	5E	BURS	Burs	sima	20.00	0.0314	11.2	4.30	4.75
2988	S	5E	BORA	Bour	succ	17.90	0.0251		6.65	0.15
2989	S	5E	SAPI	Meli	biju	18.40	0.0265	13.6	5.40	6.45
2990	M	5E	FABA	Sabi	flor	9.00	0.0063	10.3	5.80	8.10
2991	M	5E	FABA	Sabi	flor	6.00	0.0028		5.70	8.20
2992	S	5E	MYRT	Euge	bifl	6.10	0.0029		5.60	7.90
2993	S	5E	NYCT	Guap	frag	18.20	0.0260	11.8	5.75	7.10
2994	S	5E	LAUR	Lica	sali	6.50	0.0033		5.60	6.15
2995	S	5E	MYRT	Myrc	flor	16.30	0.0208	5.47	8.85	9.60
2996	S	5F	BORA	Cord	alli	11.00	0.0095	11.5	0.50	1.00
2997	S	5F	BURS	Burs	sima	22.50	0.0397	10.0	2.90	3.65
2998	S	5F	SAPO	Mast	foet	10.00	0.0078	11.2	2.20	5.30
2999	S	5F	CAPP	Caly	thom	6.80	0.0036		4.15	0.95
3000	S	5F	NYCT	Guap	frag	16.70	0.0219		3.85	1.90
3001	S	5F	FABA	Sabi	flor	7.40	0.0043	8.81	2.20	7.40
3002	S	5F	SAPI	Meli	biju	7.70	0.0046		1.70	7.69
3003	M	5F	RHAM	Krug	ferr	9.80	0.0075	9.72	2.05	8.90
3004	M	5F	RHAM	Krug	ferr	9.20	0.0066		1.90	8.95
3005	M	5F	RHAM	Krug	ferr	8.00	0.0050		2.00	8.80
3006	M	5F	RHAM	Krug	ferr	5.30	0.0022		2.10	9.10
3007	M	5F	MYRT	Euge	mont	6.30	0.0031		4.10	4.95
3008	M	5F	MYRT	Euge	mont	10.60	0.0088	9.11	4.20	4.91
3009	M	5F	MYRT	Euge	mont	8.10	0.0051		4.25	4.60
3010	S	5F	BURS	Burs	sima	17.30	0.0235	12.1	6.35	3.70
3011	S	5F	BURS	Burs	sima	27.30	0.0585	13.3	6.25	7.45
3012	S	5F	FLAC	Case	guia	10.10	0.0080		6.50	7.70
3013	S	5F	CELA	Mayt	elli	6.00	0.0028		3.25	9.45
3014	S	5F	RHAM	Krug	ferr	6.50	0.0033		5.95	9.00
3015	S	5F	BIGN	Tabe	hete	7.60	0.0045		6.10	8.30
3016	S	5F	RHAM	Krug	ferr	5.20	0.0021		6.20	8.50
3017	S	5F	NYCT	Guap	frag	28.20	0.0624	12.7	9.00	9.10
3018	S	5F	BURS	Burs	sima	14.70	0.0169	8.81	9.80	6.40
3019	S	5F	BORA	Cord	coll	5.20	0.0021		7.90	5.75
3020	M	5G	POLY	Cocc	krug	8.70	0.0059	9.72	1.60	2.01
3021	M	5G	POLY	Cocc	krug	8.40	0.0055		1.55	1.81
3022	M	5G	POLY	Cocc	krug	5.80	0.0026		1.65	1.81
3023	M	5G	POLY	Cocc	krug	8.50	0.0056		1.70	1.70
3024	M	5G	POLY	Cocc	krug	7.70	0.0046		1.65	1.61
3025	M	5G	POLY	Cocc	krug	7.60	0.0045		1.90	1.55
3026	S	5G	LAUR	Lica	sali	5.50	0.0023		0.90	1.95
3027	S	5G	BIGN	Tabe	hete	9.70	0.0073	7.29	1.35	5.60
3028	S	5G	FABA	Pisc	cart	8.00	0.0050	10.0	1.10	6.00
3029	S	5G	BIGN	Tabe	hete	8.60	0.0058		0.45	5.80
3030	S	5G	MYRC	Ardi	obov	5.10	0.0020	6.38	0.14	6.70
3031	S	5G	CAPP	Capp	fron	5.70	0.0025		2.80	6.90

APPENDIX III. (Continued)

3032	M	5G	RHAM	Krug	ferr	5.60	0.0024		4.25	2.09
3033	M	5G	RHAM	Krug	ferr	6.70	0.0035		4.20	2.05
3034	M	5G	NYCT	Guap	frag	7.90	0.0049	6.07	4.60	2.14
3035	M	5G	NYCT	Guap	frag	12.20	0.0116		4.70	2.00
3036	S	5G	CELA	Mayt	elli	8.90	0.0062	7.59	3.40	6.35
3037	S	5G	NYCT	Guap	frag	23.80	0.0444		3.20	7.15
3038	S	5G	RHAM	Krug	ferr	7.10	0.0039		6.80	9.15
3039	S	5G	MYRT	Euge	mont	10.20	0.0081	8.20	9.40	9.20
3040	S	5G	BURS	Burs	sima	43.70	0.1499	12.7	7.90	7.80
3041	S	5G	RUBI	Guet	scab	7.90	0.0049	6.68	7.20	7.60
3042	S	5G	CAPP	Capp	ampl	7.70	0.0046	6.68	7.80	0.30
3043	M	5G	RUBI	Guet	parv	5.70	0.0025		8.60	2.51
3044	M	5G	RUBI	Guet	parv	5.90	0.0027	6.38	8.50	2.58
3045	S	5G	CELA	Mayt	elli	5.00	0.0019	8.51	8.30	4.75
3046	S	5H	BURS	Burs	sima	21.30	0.0356	6.68	5.40	0.40
3047	S	5H	MYRT	Euge	mont	6.10	0.0029	3.95	7.80	2.30
3048	S	5H	MORA	Ficu	citr	5.50	0.0023	6.99	9.75	2.40
3049	S	5H	NYCT	Guap	frag	9.50	0.0070		9.85	3.35
3050	S	5H	NYCT	Guap	frag	11.40	0.0102		2.80	8.45
3051	S	5H	MYRT	Euge	bifl	5.00	0.0019		2.90	6.00
3052	S	5H	BORA	Cord	alli	5.20	0.0021		2.70	6.85
3053	S	5H	BURS	Burs	sima	18.20	0.0260		3.40	9.00
3054	S	5H	LAUR	Occt	cori	6.60	0.0034	6.99	7.65	4.45
3055	S	5H	MIMO	Leuc	leuc	10.80	0.0091		4.00	3.15
3056	S	5H	NYCT	Guap	frag	11.50	0.0103	8.51	9.05	8.15
3057	S	5I	FABA	Pisc	cart	12.00	0.0113	8.51	0.55	5.10
3058	S	5I	VERB	Cith	frut	12.20	0.0116	10.0	2.90	0.50
3059	S	5I	MORA	Ficu	citr	5.40	0.0022		2.70	1.05
3060	M	5I	NYCT	Guap	frag	6.80	0.0036	7.59	2.45	0.15
3061	M	5I	NYCT	Guap	frag	9.30	0.0067		2.20	9.95
3062	M	5I	NYCT	Guap	frag	8.90	0.0062		2.15	0.30
3063	S	5I	CAPP	Capp	ampl	12.40	0.0120	8.20	1.90	0.55
3064	S	5I	RHAM	Krug	ferr	7.70	0.0046	8.20	5.55	2.20
3065	S	5I	CELA	Mayt	elli	9.00	0.0063	7.29	6.15	1.91
3066	S	5I	RHAM	Krug	ferr	5.30	0.0022	5.77	5.85	0.05
3067	M	5I	CELA	Mayt	elli	5.50	0.0023		6.75	4.10
3068	M	5I	CELA	Mayt	elli	9.40	0.0069		6.60	4.00
3069	M	5I	CELA	Mayt	elli	7.30	0.0041		7.50	3.30
3070	M	5I	CELA	Mayt	elli	13.60	0.0145	9.72	7.40	3.20
3071	S	5I	CELA	Mayt	elli	5.20	0.0021		7.55	3.10
3072	S	5I	BURS	Burs	sima	16.30	0.0208		9.05	3.00
3073	S	5I	BURS	Burs	sima	7.00	0.0038	4.55	9.00	2.40
3074	S	5I	ERYT	Eryt	rotu	5.10	0.0020	4.55	8.70	3.40
3075	M	5I	BORA	Bour	succ	8.40	0.0055	6.99	6.20	4.80
3076	M	5I	BORA	Bour	succ	7.30	0.0041		6.10	4.85
3077	S	5I	CAPP	Capp	fron	5.40	0.0022		0.35	6.45
3078	M	5I	CELA	Mayt	elli	13.40	0.0141		4.05	6.90
3079	M	5I	CELA	Mayt	elli	8.20	0.0052		3.90	2.20

APPENDIX III. (Continued)

3080	M		5I	CELA	Mayt	elli	7.40	0.0043		4.30	7.15
3081	M		5I	CELA	Mayt	elli	5.80	0.0026		4.40	7.20
3082		S	5I	BURS	Burs	sima	17.30	0.0235		5.90	8.80
3083		S	5I	MYRT	Euge	mont	9.20	0.0066		0.45	9.10
3084		S	5I	BURS	Burs	sima	12.10	0.0114	8.20	7.10	6.30
3085		S	5I	CAPP	Capp	cyno	8.00	0.0050		7.25	8.00
3086		S	5I	MYRT	Euge	bifl	5.00	0.0019	5.16	8.70	7.55
3087	M		5I	BORA	Bour	succ	9.40	0.0069		7.60	9.20
3088	M		5I	BORA	Bour	succ	18.30	0.0263	10.0	7.50	9.10
3089		S	5J	FABA	Pisc	cart	7.90	0.0049	8.20	0.50	4.56
3090		S	5J	MYRT	Euge	mont	6.40	0.0032		0.28	4.60
3091		S	5J	BURS	Burs	sima	18.70	0.0274		1.80	3.95
3092		S	5J	FABA	Sabi	flor	7.10	0.0039	6.38	2.00	4.15
3093	M		5J	MYRT	Euge	bifl	6.30	0.0031	7.59	2.70	3.80
3094	M		5J	MYRT	Euge	bifl	6.10	0.0029		3.20	1.60
3095	M		5J	MYRT	Euge	bifl	10.10	0.0080		3.87	1.35
3096	M		5J	MYRT	Euge	bifl	9.90	0.0076		3.85	1.25
3097	M		5J	MYRT	Euge	bifl	6.00	0.0028		3.90	1.20
3098	M		5J	MYRT	Euge	bifl	6.00	0.0028		3.95	1.00
3099	M		5J	MYRT	Euge	bifl	8.30	0.0054		4.05	0.90
3100	M		5J	MYRT	Euge	bifl	7.30	0.0041		3.95	0.90
3101		S	5J	NYCT	Guap	frag	14.90	0.0174	10.6	4.25	0.80
3102		S	5J	MORA	Ficu	citr	7.80	0.0047	6.68	4.60	4.90
3103		S	5J	RUBI	Guet	scab	7.50	0.0044	6.68	6.45	4.15
3104		S	5J	RUBI	Guet	scab	5.30	0.0022		7.00	3.84
3105		S	5J	ERYT	Eryt	rotu	5.70	0.0025		7.40	3.71
3106		S	5J	BORA	Bour	succ	10.20	0.0081	8.20	8.60	0.90
3107		S	5J	RUBI	Guet	scab	7.20	0.0040	7.90	9.70	1.00
3108		S	5J	RUBI	Guet	scab	6.90	0.0037	8.51	9.55	2.00
3109		S	5J	SAPO	Mast	foet	5.40	0.0022		9.40	3.95
3110		S	5J	SAPO	Mast	foet	14.10	0.0156	9.72	9.10	3.60
3111		S	5J	SAPO	Mast	foet	13.00	0.0132		9.70	3.82
3112		S	5J	RUBI	Guet	scab	8.40	0.0055	6.68	7.10	7.02
3113		S	5J	BORA	Bour	succ	9.40	0.0069	7.29	9.30	8.75
3114		S	5J	BORA	Bour	succ	11.50	0.0103	6.99	8.40	9.40
3115		S	5J	MYRT	Euge	bifl	9.40	0.0069	10.0	8.05	9.05
3116		S	5J	MYRT	Euge	bifl	5.40	0.0022		7.95	9.15
3117		S	5J	RUBI	Guet	parv	5.90	0.0027		3.85	9.80

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