Mon. Not. R. Astron. Soc. **300,** 417–462 (1998)

The Durham/UKST Galaxy Redshift Survey – V. The catalogue

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Accepted 1998 June 9. Received 1998 May 27; in original form 1997 December 30

ABSTRACT

We present the radial velocities and blue, optical magnitudes for all of the galaxies within the Durham/UKST Galaxy Redshift Survey. This catalogue consists of ∼2500 galaxy redshifts to a limiting apparent magnitude of $b_J \simeq 17$ mag, covering a ∼1500-deg^2 area around the South Galactic Pole. The galaxies in this survey were selected from the Edinburgh/Durham Southern Galaxy Catalogue and were sampled, in order of apparent magnitude, at a rate of one galaxy in every three. The spectroscopy was performed at the 1.2-m UK Schmidt Telescope in Australia using the FLAIR multi-object spectrograph. We show that our radial velocity measurements made with this instrument have an empirical accuracy of ± 150 km s^{-1}. The observational techniques and data reduction procedures used in the construction of this survey are also discussed. This survey demonstrates that the UKST can be used to make a three-dimensional map of the large-scale galaxy distribution, via a redshift survey to $b_J \simeq 17$ mag, over a wide area of the sky.

Key words: catalogues – galaxies: clusters: general – galaxies: distances and redshifts – galaxies: general – cosmology: observations – large-scale structure of Universe.

1 INTRODUCTION

The compilation of galaxy redshift catalogues with well-defined selection criteria is of fundamental importance in the statistical examination of the large-scale structure of the Universe (e.g. Peebles 1980). These catalogues can be used to probe the clustering characteristics of galaxies and thereby constrain the galaxy fluctuation spectra at different scales. As well as distance information, the redshift also includes the effects of the peculiar velocity field, and so the observed clustering pattern can be used to derive dynamical information about the matter distribution in the Universe (e.g. Kaiser 1987).

The Durham/UKST Galaxy Redshift Survey was constructed using the unique fibre optic spectroscopy system, FLAIR (Parker & Watson 1995), on the 1.2-m UK Schmidt Telescope (UKST) at Siding Spring, Australia. We have combined the advantages of two different observing strategies, and measured redshifts for a moderately deep galaxy sample over a large area of the sky but with a relatively high sampling rate. This allows us to obtain a good measurement of galaxy clustering statistics on large scales, 50–100 h^{-1} Mpc, while still having a strong signal at smaller scales, ∼10 h^{-1} Mpc (Ratcliffe et al. 1996).

We briefly compare the characteristics of this galaxy redshift survey with other previously published surveys. The survey magnitude limit of b_J <17 mag is intermediate between the bright $B_Z < 14.5$–15.5 mag, CfA/SSR2 surveys containing ∼2400 + ∼3592 galaxies (Huchra et al. 1983; da Costa et al. 1994) and the fainter, $R < 17.7$ mag, Las Campanas survey with ∼26 000 galaxies (Shectman et al. 1996) or the $b_J < 19.4$ mag ESO Slice survey with ∼3300 galaxies (Vettolani et al.1997). The UKST magnitude limit is similar to those for the APM/Stromlo ($B < 17$ mag, ∼1800 galaxies) survey of Loveday et al. (1996) and the Century ($R < 16.1$ mag, ∼1800 galaxies) survey of Geller et al. (1997). The angular coverage of the UKST survey is effectively 1500 deg^2 or 0.45 sr, again placing it in an intermediate position between the large angles covered by the CfA and SSRS2 surveys (∼4 sr) and the smaller areas covered by the Las Campanas (700 deg^2) and Century (∼100 deg^2) surveys. The UKST survey's depth and relatively large (20°) size of its smallest angular dimension make the catalogue suitable for power spectral analysis (Hoyle, Baugh & Shanks, in preparation). Our one-in-three sampling strategy compares with one-in-twenty for the APM/Stromlo survey and approximately full-sampling for the others. This sampling rate means that, on large scales, the statistical power of the UKST survey is comparable to

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that for most of the above fully sampled surveys, while on small scales the statistical power is improved over that for the APM/Stromlo redshift survey.

This paper is the fifth in the series on the Durham/UKST survey. Ratcliffe et al. (1996, 1997, 1998a,b), hereafter Papers I–IV respectively, presented the initial clustering results from this survey, followed by a detailed analysis of the galaxy luminosity function, and of the large-scale structure and redshift-space distortions of the galaxy distribution using the two-point galaxy correlation function. In this paper we present the observational results from the catalogue that was analysed in those previous papers. Galaxy selection and the associated photometric issues are described in Section 2. The spectroscopic observations, reductions and radial velocity results are presented in Section 3. Finally, in Section 4, we summarize our conclusions from this analysis and discuss the prospects for future redshift surveys at UKST.

2 GALAXY SELECTION AND PHOTOMETRY

2.1 The parent two-dimensional catalogue

The galaxies in the Durham/UKST Galaxy Redshift Survey were selected from the Edinburgh/Durham Southern Galaxy Catalogue (EDSGC: Collins, Heydon-Dumbleton & MacGillivray 1988; Collins, Nichol & Lumsden 1992). This parent catalogue also supplied the right ascension and declination positional information, as well as the $b_{\rm J}$ photometry (with a small correction: see Section 2.3).

The EDSGC consists of a mosaic of 60 UKST $b_{\rm J}$ survey plates centred around the South Galactic Pole, to a limiting apparent magnitude depth of $b_{\rm J} \simeq 20$ mag, and contains $\sim 10^6$ galaxies in total. The survey geometry on the sky is a $\sim 20^\circ \times 75^\circ$ strip. Each plate was scanned by the COSMOS plate measuring machine based in Edinburgh (MacGillivray & Stobie 1984), and covers a $5\overset{\circ}{.}3 \times 5\overset{\circ}{.}3$ region on the sky. There is a $0\overset{\circ}{.}3$ overlap at the plate edges which makes the total effective area of the plate 25 deg^2. In Table 1 we give the general coordinate information about each field in the Durham/UKST survey.

2.2 Galaxy selection

For each of the 60 fields, every galaxy was selected from the EDSGC down to a limiting magnitude of $b_{\rm J} = 17.5$ mag. This initial magnitude limit was almost 0.5 mag fainter than the nominal limit of the Durham/UKST survey. However, given the fluctuations seen in the galaxy number density at these magnitudes, this deeper limit was necessary to ensure that all the UKST fibres were in use during the observations. The objects in these one-in-one lists were eyeballed using copies of the original UKST plates. Any objects that had been misidentified by the COSMOS machine as galaxies were now removed from the lists. These spurious objects were generally double stars or star/galaxy mergers and did not amount to more than ~ 10 per cent of the total number of original objects. Finally, the remaining galaxies were sorted into ordered lists of apparent magnitude and selected at a rate of one-in-three to form the target samples for the Durham/UKST survey.

At this point it is instructive to comment on our choice of a one-in-three sampling rate. Our observational constraint was that we could only observe a fixed number of galaxy redshifts (a few thousand) in the allocated telescope time for this project. This meant that there existed a compromise between the survey depth, sky coverage and sampling rate. However, as previously mentioned,

Table 1. Field information for the Durham/UKST Galaxy Redshift Survey. The columns are as follows: (1) the UKST survey number of the field; (2) the right ascension, α, of the plate centre (1950 coordinates); (3) the declination, δ, of the plate centre (1950 coordinates); (4) the α plate width; (5) the δ plate width.

UKST Field Number	Centre α (h m s)	Centre δ (d m s)	Width α (m)	Width δ (d)
531	21 38 00	−25 00 00	22.0	5.0
532	22 00 00	−25 00 00	22.0	5.0
533	22 22 00	−25 00 00	22.0	5.0
534	22 44 00	−25 00 00	22.0	5.0
535	23 06 00	−25 00 00	22.0	5.0
536	23 28 00	−25 00 00	22.0	5.0
537	23 50 00	−25 00 00	22.0	5.0
472	00 06 00	−25 00 00	10.0	5.0
473	00 22 00	−25 00 00	22.0	5.0
474	00 44 00	−25 00 00	22.0	5.0
475	01 06 00	−25 00 00	22.0	5.0
476	01 28 00	−25 00 00	22.0	5.0
477	01 50 00	−25 00 00	22.0	5.0
478	02 12 00	−25 00 00	22.0	5.0
479	02 34 00	−25 00 00	22.0	5.0
480	02 56 00	−25 00 00	22.0	5.0
481	03 18 00	−25 00 00	22.0	5.0
466	21 51 00	−30 00 00	23.0	5.0
467	22 14 00	−30 00 00	23.0	5.0
468	22 37 00	−30 00 00	23.0	5.0
469	23 00 00	−30 00 00	23.0	5.0
470	23 23 00	−30 00 00	23.0	5.0
471	23 46 00	−30 00 00	23.0	5.0
409	00 04 30	−30 00 00	14.0	5.0
410	00 23 00	−30 00 00	23.0	5.0
411	00 46 00	−30 00 00	23.0	5.0
412	01 09 00	−30 00 00	23.0	5.0
413	01 32 00	−30 00 00	23.0	5.0
414	01 55 00	−30 00 00	23.0	5.0
415	02 18 00	−30 00 00	23.0	5.0
416	02 41 00	−30 00 00	23.0	5.0
417	03 04 00	−30 00 00	23.0	5.0
404	22 00 00	−35 00 00	24.0	5.0
405	22 24 00	−35 00 00	24.0	5.0
406	22 48 00	−35 00 00	24.0	5.0
407	23 12 00	−35 00 00	24.0	5.0
408	23 36 00	−35 00 00	24.0	5.0
349	00 00 00	−35 00 00	24.0	5.0
350	00 24 00	−35 00 00	24.0	5.0
351	00 48 00	−35 00 00	24.0	5.0
352	01 12 00	−35 00 00	24.0	5.0
353	01 36 00	−35 00 00	24.0	5.0
354	02 00 00	−35 00 00	24.0	5.0
355	02 24 00	−35 00 00	24.0	5.0
356	02 48 00	−35 00 00	24.0	5.0
357	03 12 00	−35 00 00	24.0	5.0
344	22 06 00	−40 00 00	26.0	5.0
345	22 32 00	−40 00 00	26.0	5.0
346	22 58 00	−40 00 00	26.0	5.0
347	23 24 00	−40 00 00	26.0	5.0
348	23 50 00	−40 00 00	26.0	5.0
293	00 08 00	−40 00 00	10.0	5.0
294	00 26 00	−40 00 00	26.0	5.0
295	00 52 00	−40 00 00	26.0	5.0
296	01 18 00	−40 00 00	26.0	5.0
297	01 44 00	−40 00 00	26.0	5.0
298	02 10 00	−40 00 00	26.0	5.0
299	02 36 00	−40 00 00	26.0	5.0
300	03 02 00	−40 00 00	26.0	5.0
301	03 28 00	−40 00 00	26.0	5.0

we wanted the survey to be able to obtain reliable clustering measurements on large scales and still have a strong signal on small scales. Our chosen magnitude limit, angular coverage and sampling rate allow these goals to be achieved. Also, the number density of galaxies at $b_J \sim 17$ mag, namely 5–10 per square degree, implied that there are 125–250 galaxies on a typical UKST plate. Consequently, our one-in-three sampling rate nicely matches the 50–100 fibres available at the UKST.

2.3 Photometric calibration

As was briefly mentioned in Section 2.1, we use the EDSGC b_J magnitudes with a small zero-point photometry correction. The origin and magnitude of this correction are now discussed.

Metcalfe, Fong & Shanks (1995) carried out a CCD photometry comparison between galaxy catalogues compiled from measurements made with the APM and COSMOS machines (Maddox et al. 1990; Collins et al. 1988). Using their CCD photometry, Metcalfe et al. (1995) found that the APM data were more accurate with respect to the CCD photometry zero-points. Therefore, in an effort to ensure that a uniform sample was analysed in Papers I–IV, we applied a small zero-point photometry correction to the EDSGC b_J magnitudes to put them on the same zero-point scale as the APM catalogue. Our zero-point correction takes the form of a magnitude offset in each field derived from the mean magnitude difference between matched APM and COSMOS galaxies. This correction was calculated from the preliminary results of Dalton et al. (in preparation) who directly compared the APM and EDSGC data sets. The average correction was $< b_J^{APM} - b_J^{EDSGC} >= -0.05$ mag, with a scatter of $\pm$ 0.11 mag.

2.4 Error analysis

The accuracy of the apparent magnitudes obtained from plate measuring machines is a topic of general interest amongst the astronomical community (e.g. Fong, Hale-Sutton & Shanks 1992; Bertin & Dennefeld 1997). For surveys of this nature it is important for our magnitudes to be as reliable as possible. Metcalfe et al. (1995) used their CCD data to measure the scatter in the EDSGC b_J magnitudes, and found that it was ± 0.22 mag for their sample of $\sim$100 galaxies in the range $15 < b_J < 18$ mag. We have confirmed this result with a preliminary analysis of a larger sample of high-quality CCD photometry taken at CTIO in 1995. Note that when Metcalfe et al. (1995) carried out a similar comparison of CCD data with APM magnitudes in the same range, they found a larger scatter (± 0.30 mag), although (as previously noted) with a better zero-point photometry scale. This is why we chose to use the EDSGC b_J magnitudes with an APM zero-point correction.

2.5 Results

Using the spectroscopic data presented in Section 3, we now show the observational completeness in each field for the apparent magnitude limits in Table 2. The magnitude limit presented varies between each field and was chosen to minimize the observational incompleteness, while in turn keeping as many galaxies in the survey to as deep a limit as possible. For future reference we call this limit our best sample.

In Table 3 we summarize these completeness and magnitude limits. We can see that our best sample contains over 2000 galaxies and is 75 per cent complete to an average limiting magnitude of $b_J \simeq 16.9$ mag. Also, we see that poor observational completeness

Table 2. The magnitude limits and completeness rates for the best sample in the Durham/UKST Galaxy Redshift Survey.

UKST Field Number	Best Sample m_{lim}	%
531	16.96	75.0
532	16.58	79.2
533	17.02	68.1
534	17.27	75.4
535	16.93	68.4
536	17.08	63.6
537	16.79	87.5
472	16.32	75.0
473	16.04	58.3
474	16.70	81.6
475	16.31	70.6
476	16.85	79.5
477	16.82	75.8
478	16.54	72.0
479	17.00	62.1
480	17.23	78.0
481	16.65	72.2
466	16.97	65.5
467	16.98	69.8
468	17.14	67.4
469	17.16	71.4
470	17.22	77.8
471	16.88	65.0
409	16.68	75.0
410	17.06	67.3
411	17.14	77.8
412	16.94	84.0
413	16.96	89.1
414	17.01	79.6
415	16.85	65.0
416	16.24	64.7
417	17.07	78.9
404	17.14	69.2
405	16.87	100.0
406	16.81	100.0
407	17.02	86.4
408	16.98	86.2
349	16.98	87.9
350	16.89	98.2
351	17.05	95.7
352	16.89	93.2
353	16.91	92.2
354	16.81	74.0
355	16.86	73.7
356	17.11	69.0
357	16.43	80.0
344	16.87	64.3
345	16.68	64.4
346	16.89	57.1
347	16.90	64.6
348	17.04	66.3
293	16.71	60.9
294	16.73	86.7
295	16.86	56.5
296	16.92	75.5
297	17.09	74.6
298	17.01	84.4
299	16.76	79.2
300	16.66	70.0
301	16.45	52.0

Table 3. Average completeness and magnitude limits for three different samples of the Durham/UKST survey.

Sample Name	Total Galaxy Number	Completeness (%)	$m_{\rm lim}$ ($b_{\rm J}$)
16.75	1639	75 ± 16	16.75
Best	2055	75 ± 11	16.86 ± 0.25
All	2501	—	—

for galaxies fainter than $b_{\rm J} \simeq 17.0$ mag caused us to reject approximately 500 galaxy redshifts from the best sample that was analysed in Papers I–IV. Some of the causes of this incompleteness are described in Section 3.3.

3 SPECTROSCOPY

3.1 The FLAIR instrument

The UKST can be mounted with a wide-field multi-object spectroscopy system called FLAIR. Briefly, this instrument consists of a specially modified plateholder containing a copy of the target UKST plate. Away from the telescope a set of prisms (atttached by ferrules to optical fibres) are physically glued on to the copy plate. When the plateholder is subsequently placed in the telescope and correctly positioned, the light from the target galaxies enters the prisms and is led away, via the optical fibres, to an external spectrograph situated on an isolated optical bench. The current specifications of the FLAIR system are described in more detail by Parker & Watson (1995). It should be noted that, since our observations were finished, a better CCD camera has been installed that allows even faster data acquisition.

3.2 Observations

The spectroscopic observations for the Durham/UKST survey were carried out over the ∼4 years from early 1991 to late 1994 using the FLAIR instrument on the UKST. During this period the Durham/UKST project was given generous allocations of telescope time (over 60 nights in total). Also during this time the instrument itself evolved from a single plateholder system with 35 fibres and an 578×400 pixel CCD (FLAIR-I: Watson et al. 1991) into a two-plateholder system with 92 and 73 fibres, respectively, with an integrated CCD (FLAIR-II: Parker & Watson 1995). These changes in the hardware allowed the data acquisition to proceed approximately eight times as fast in the last two years of the project as compared with the first two years.

Our observational goal was to obtain a spectrum for each galaxy on the one-in-three target lists to $b_{\rm J} \leq 17.0$ mag. The number of FLAIR fibres available and the fluctuations in the observed number counts implied that we quite often observed galaxies fainter than this limit, although our magnitude limit was almost never forced to go brighter because of excess numbers. Given that we wanted to measure as many redshifts in each field as possible, we limited ourselves to allocating only 5–10 fibres per field to measuring the sky background. This small number of sky fibres proved to be adequate in the data reduction stage.

The plateholder fibre configuring and observations were carried out only once for each field, with no repeats, owing to telescope time constraints. The FLAIR spectrograph uses most of the gratings from the Anglo-Australian Telescope, and the typical wavelength range chosen was 4500–7500 Å with a dispersion of ∼5 Å per pixel. For the FLAIR-II system an integration time of ∼15 000 s was required to produce adequate completeness (> 75 per cent) at our nominal magnitude limit. However, because of the large CCD readout noise (∼12 e $\rm ADU^{-1}$), shorter, multiple exposures were taken and then combined during the data reduction process. This typical exposure time and the fact that two plateholders could be prepared in advance meant that two fields could be observed in one night. This gave an acquisition rate of ∼160 galaxy spectra per night.

Our optimal observing strategy is outlined below and was determined through a combination of trial, error and experience with the FLAIR instrument.

(i) Ten (or more) bias frames were taken at the start of the night.
(ii) Three (or more) dome and, if possible, twilight sky flat-field frames were taken.
(iii) Three (or more) wavelength calibration frames were taken using both the Hg–Cd and Ne arc lamps.
(iv) The object field was acquired and the five (or more) long exposures were taken.
(v) A final Hg–Cd arc frame was taken to ensure that the fibre apertures on the CCD camera had not moved during the previous target exposures (a rare occurrence).
(vi) The plateholders were swapped and the second object field was acquired.
(vii) An initial Hg–Cd arc frame was taken for calibration purposes.
(viii) Five (or more) long exposures of the second field were then taken.
(ix) Three (or more) wavelength calibration frames were taken using both the Hg–Cd and Ne arc lamps.
(x) Three (or more) dome and, if possible, twilight sky flat-field frames were taken.
(xi) A final ten (or more) bias frames were taken at the end of the night.

The above methodology minimized the amount of dark time lost (typically 45 min) owing to the swapping, re-acquisition and re-calibration of the plateholders.

3.3 Data reductions

The majority of the data reduction (40 fields) was done using the IRAF data analysis package running on the Durham Starlink Sun system. Another eight fields were reduced using the same analysis package and methodology at the Anglo-Australian Observatory. The other 12 UKST fields, which were actually observed using the FLAIR-I instrument, were reduced using the FIGARO data analysis package running on the Durham Starlink VAX system. There was no systematic difference in the results obtained from these two different data reduction packages. These procedures are described in more detail by Holman & Drinkwater (1994) and are now outlined below.

(i) All of the bias frames underwent interactive quality control, with rejection if necessary, and then were (median) combined.
(ii) The multiple dome and twilight flat-field frames were quality-controlled interactively and then combined (using an average sigma clipping routine) to produce one final dome and twilight flat-field. Note that at least three frames were required for this procedure to work effectively and remove all of the cosmic rays in the combined frame.
(iii) All of the flat-field, wavelength calibration arc and object images were de-biased, overscan-corrected and trimmed down to size.

(iv) The Hg–Cd and Ne arc frames were quality-controlled interactively, combined and then added together to produce a final arc frame containing all of the calibration lines. In the quality control stage we were particularly interested in observing any shift in the emitted spectral lines caused by the fibre apertures moving during the target exposures. It was for this specific reason that we acquired the extra arc frame before changing plateholders. For the vast majority of cases no shift was detected at the < 1-pixel level. In the few cases where a noticeable shift was seen, generally of order 1–2 pixel, the arc frames that gave the night sky lines at the correct wavelengths were used.

(v) The multiple target frames were quality-controlled interactively and then combined. The combination algorithm was a CCD parameter clipping routine that used the CCD gain and readout

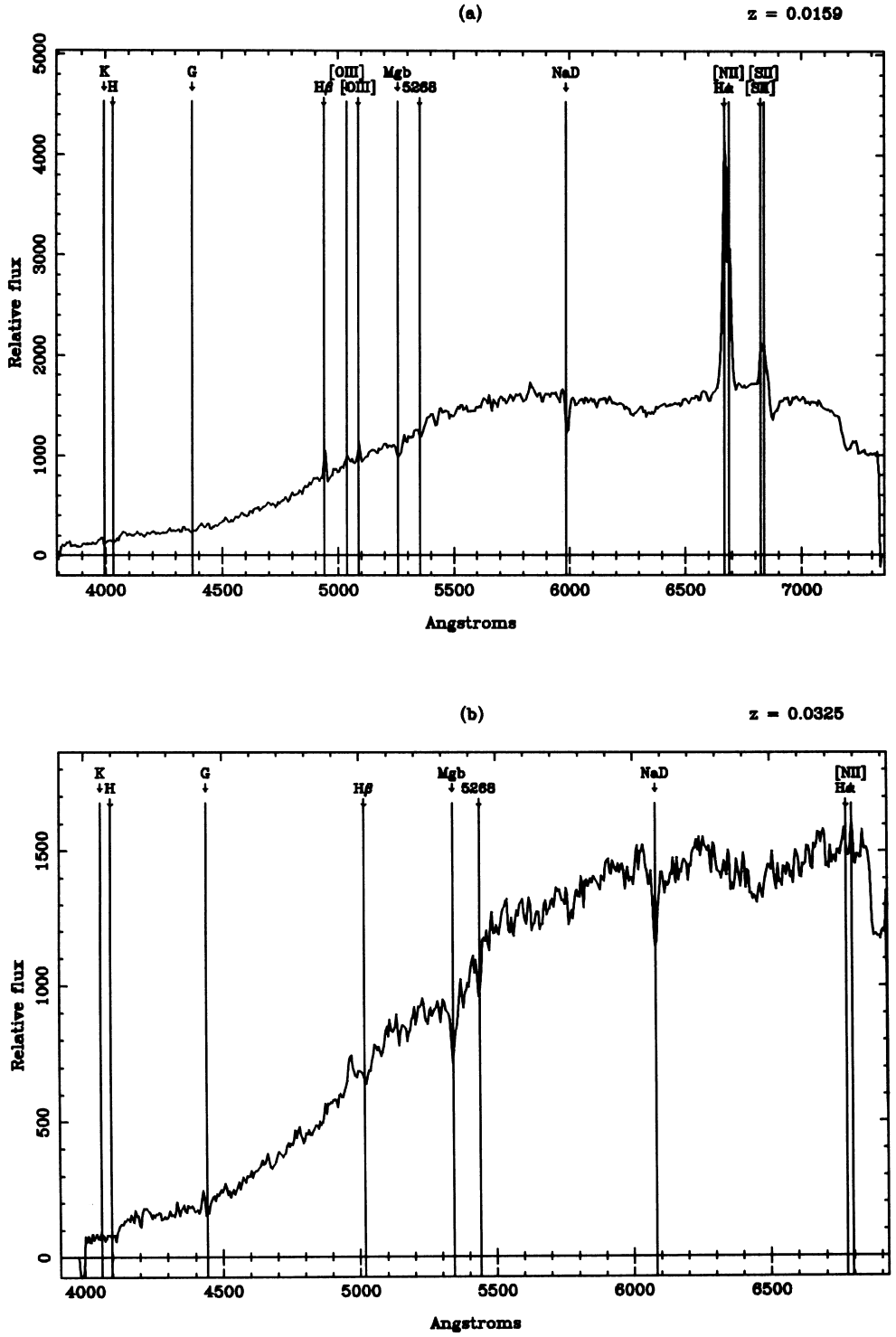

Figure 1. An example of two bright, high signal-to-noise ratio galaxy spectra observed using the FLAIR multi-object spectroscopy system on the UKST. For clarity, the main spectral features have been annotated. (a) shows a $b_J = 14.53$ mag emission-line galaxy with a measured redshift of $z = 0.0159$, while (b) shows a $b_J = 14.64$ mag absorption-line galaxy with a measured redshift of $z = 0.0325$.

noise to reject pixels below/above the mean using a min/max threshold ($\sim \pm 5\sigma$ was used). Given the obvious importance of these object frames, great care was taken during this process to ensure that, on the one hand, any cosmic rays or CCD readout glitches were eliminated, while, on the other hand, the rejection of data was kept to an absolute minimum.

(vi) Fibre apertures were defined on the CCD image frames in a semi-automated manner.

(vii) Object spectra were extracted using these apertures and then flat-fielded using our flat-field frames. In general, we found that the dome flat-field (rather than the twilight sky one) produced more easily interpretable spectra at the redshift determination stage.

(viii) The arc frames were similarly extracted and then wavelength-calibrated in a semi-automated manner. The first few spectral lines were picked interactively and the computer then fitted a low-order polynomial function (in the 4000–7500 Å region) using an input Hg–Cd and Ne line list. This fit was then inspected interactively with the weakest lines being rejected until $\sim$ 10–15 strong lines remained.

(ix) The extracted and flat-fielded spectra were then wavelength-calibrated using the above fit.

(x) Finally, the 5–10 sky spectra were (median) combined and subtracted from the object spectra.

These procedures produced a set of target galaxy spectra that were both wavelength-calibrated and sky-subtracted. Fig. 1(a) shows an example of a high signal-to-noise ratio emission-line galaxy, while Fig. 1(b) shows a similarly high-quality absorption-line galaxy. Obviously all of our target spectra were not of this quality, and so in Fig. 2 we show a random selection of nine galaxy spectra that had reliable redshifts obtained from FLAIR.

Any remaining sky features were removed from the object spectra by hand and radial velocities were identified in the following manner. First, the object spectra were cross-correlated, using the methods of Tonry & Davis (1979), with $\sim$10–40 high signal-to-noise ratio galaxy template spectra. These templates were observed and reduced in the same way as the other targets. Also, the templates were a combination of galaxies with strong absorption features and those with known redshifts from the literature. Great care was taken to produce a set of consistent zero-pointed radial velocity templates. The cross-correlation procedures also took into account the fact that the templates themselves had a non-zero radial velocity. Each spectrum was then eyeballed for visible emission and/or absorption features and, if they existed, a redshift was measured from them. As a consistency check this measured redshift was compared with the cross-correlation estimate. Given the large number of templates used (on average over 25) and the scatter seen in the associated Tonry & Davis (1979) *r*-factors from these templates, we found the mean (or median) *r*-factor to be, in this case, a poor indicator of redshift reliability. Therefore, this statistic is not presented in our final table of radial velocities in Section 3.5. The most common emission lines seen were, in increasing wavelength order, Hβ (4861 Å), O III (4959 and 5007 Å), Hα (6563 Å) and occasionally S II (6724 Å). The most common absorption lines were the Mg band

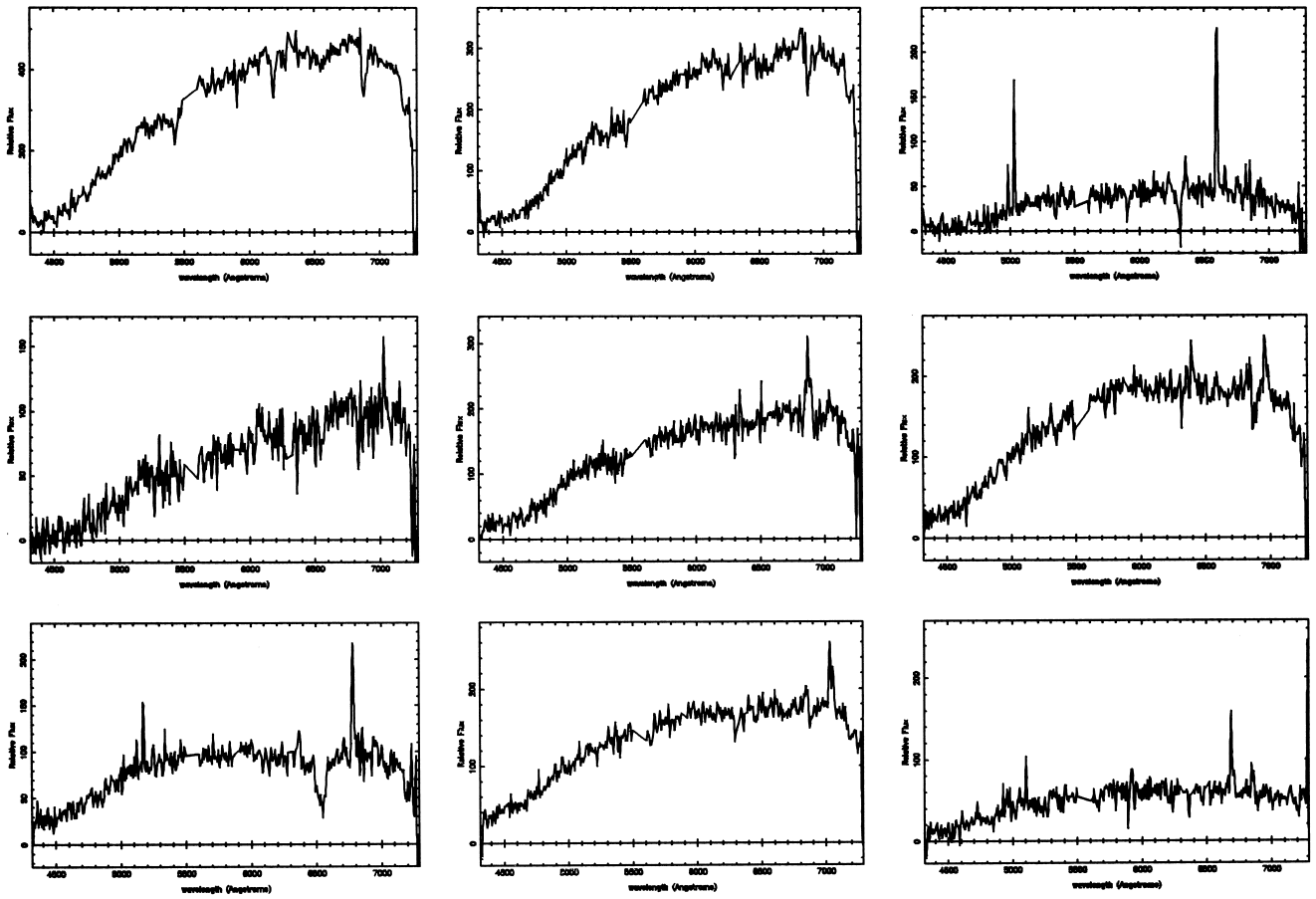

Figure 2. An example of a random selection of nine galaxy spectra with reliable redshifts observed using the FLAIR multi-object spectroscopy system on the UKST. Starting from the top left corner and moving left to right, then top to bottom, their apparent magnitudes are b_J = 15.29, 15.07, 16.81, 17.25, 15.46, 16.69, 17.40, 17.03 and 16.53.

Table 4. Relative fraction of the different types of observed spectral features amongst the galaxies with reliable redshifts in the Durham/UKST catalogue.

Line Type	Galaxy Fraction (%)
Emission	52
Absorption	40
Both	8

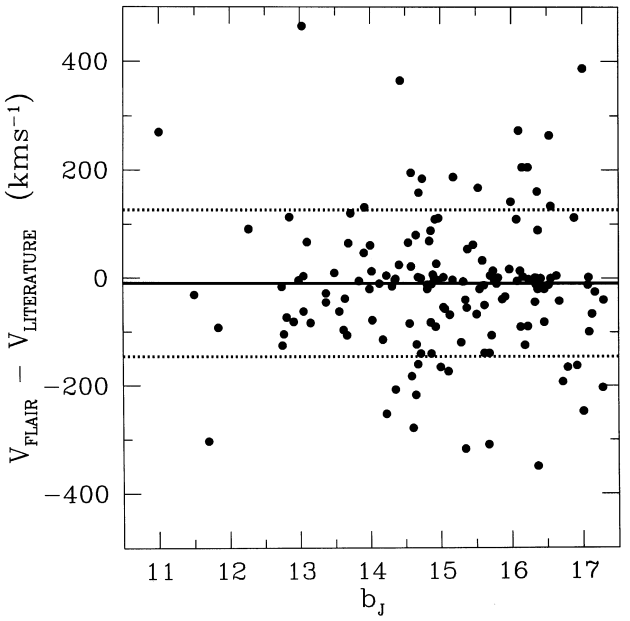

Figure 3. A comparison of the galaxy radial velocities obtained using the FLAIR system and those published in the literature. The mean velocity difference is -10 km s^{-1} and is shown by the solid line. The 1σ scatter about this solid line is ± 136 km s^{-1} and this region is denoted by the dotted lines.

(5175 Å) and Na (5893 Å). Given our desire to have a reliable redshift catalogue, we were quite stringent in our decisions on whether to believe a given redshift measurement. A semi-believable cross-correlation result was not enough for the redshift to be accepted by us. In Table 4 we show the relative fractions of galaxies in the Durham/UKST survey with reliable redshifts displaying emission, absorption or both types of feature.

Finally, as an aside, we note that when the majority of the observations took place, the FLAIR-II CCD camera had quite a poor response in the blue region of the spectrum (< 5000 Å). This made it very difficult to obtain a reliable redshift from the Ca H & K absorption lines (3934 and 3968 Å) in a sensible exposure time. This was slightly unfortunate given that these are probably the most common absorption lines observed in galaxies. The new FLAIR CCD camera now has a much greater efficiency in this wavelength region and, consequently, reduces the required exposure time by a factor of $\sim$2 over that required for this survey.

3.4 Error analysis

For the type of statistical analysis that we have carried out with this catalogue (Papers I–IV) it is essential that redshift measurement errors do not dominate our survey. Using similar observational and reduction procedures to those described here, Watson et al. (1991) have shown that the FLAIR-I system can give redshifts accurate to ± 150 km s^{-1} for $b_J \simeq 17$ mag absorption-line galaxies. However, given that the majority of this survey was observed using the FLAIR-II system, we felt the need to make a new empirical error estimate. Using redshifts published in the literature (Peterson et al. 1986; Metcalfe et al. 1989; da Costa et al. 1991), we have cross-correlated our new catalogue with these previous observations and found a match of $\sim$200 galaxies. Of this total number $\sim$150 also had reliable redshift measurements obtained using FLAIR, while the other $\sim$50 did not. (Note that these $\sim$50 extra redshifts *are* included in our published catalogue.) From the $\sim$150 coincidental redshifts we have calculated the mean radial velocity offset to be -10 km s^{-1}, with a 1σ scatter of ± 136 km s^{-1}. This new redshift error estimate agrees very well with that from Watson et al. (1991). Also, to show that this estimate is a realistic value that is independent of apparent magnitude (and is not underestimated by, for example, the dominant contribution coming from the brightest galaxies), we plot our radial velocity differences as a function of b_J in Fig. 3. The solid line on this plot denotes the average velocity difference, while the dotted lines show the 1σ spread about this value. It is pleasing to see that there is no systematic trend of increasing scatter with apparent magnitude. Also, given the empirical manner in which we derived this error estimate, it should include both the systematic and random effects caused by the observational and reduction procedures. Therefore, we believe the radial velocities in this catalogue to be accurate to within ± 150 km s^{-1}. Finally, given the negligible radial velocity zero-point (with respect to the scatter) we decided that a heliocentric correction was not necessary for this survey.

3.5 Results

The completeness rates and apparent magnitude limits were given earlier in Table 2. In Table 5 we present the data from the Durham/UKST catalogue. Galaxies in this table are listed by UKST field number and ordered by apparent magnitude within each field. Table 5 supplies the positional and photometric information from the EDSGC, followed by the observed radial velocities from FLAIR. We make two comments about the data presented here. First, given the occasional controversy about the quality of photometry obtained from plate measuring machines and their zero-points (e.g. Fong et al. 1992), we present only the b_J magnitudes directly from the EDSGC. We believe these magnitudes to be correct subject to a small zero-point correction being applied (see Papers I–IV and Dalton et al., in preparation). Secondly, the lists in Table 5 also include all those galaxies to $b_J = 17.3$ mag from our original eyeballed one-in-three target lists. Any gaps at the brighter magnitudes ($b_J \leq 17.0$ mag) are caused by galaxies with spectra that had no identifiable features from which to measure a redshift. This was mainly due to them having a lower surface brightness. Most galaxies at magnitudes fainter than this were simply not observed.

4 CONCLUSIONS AND FUTURE WORK

In this paper we have discussed the construction of the Durham/UKST Galaxy Redshift Survey. We have described the target galaxy selection process using the EDSGC, followed by our observational details of using the FLAIR instrument on the UKST, and the subsequent data reduction procedures that are required. We have confirmed that $b_J \sim 17$ mag galaxies observed with the FLAIR system have measured redshifts that are accurate to ± 150 km s^{-1}. We have also given details about the apparent magnitude limits and completeness rates of this redshift survey, and have presented the final radial velocity catalogue from the Durham/UKST survey.

Table 5. The catalogue of the Durham/UKST Galaxy Redshift Survey. Galaxies are listed by UKST field number and then by apparent magnitude within each field. The columns are as follows: (1) the galaxy number; (2) the right ascension, α, of the galaxy (1950 coordinates); (3) the declination, δ, of the galaxy (1950 coordinates); (4) the EDSGC b_J magnitude; (5) the radial velocity in kms^{-1}; (6) the galaxy number; (7) the right ascension, α, of the galaxy (1950 coordinates); (8) the declination, δ, of the galaxy (1950 coordinates); (9) the EDSGC b_J magnitude; (10) the radial velocity in kms^{-1}.

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
				531					
001	21 40 47.6	−25 34 50.0	13.67	03450	002	21 42 09.5	−25 15 38.3	14.31	03561
003	21 29 35.7	−24 10 12.1	14.65	19664	004	21 38 43.3	−26 49 13.0	15.06	09350
005	21 32 31.0	−26 52 58.6	15.11	15821	006	21 30 33.4	−27 06 42.2	15.24	16148
007	21 46 59.7	−26 14 32.5	15.37	09097	008	21 32 56.2	−26 13 16.7	15.52	—
009	21 46 03.9	−25 56 17.2	15.58	09540	010	21 31 45.4	−24 26 20.9	15.62	16504
011	21 28 04.9	−24 02 31.7	15.68	19439	012	21 35 08.3	−27 22 51.6	15.80	09092
013	21 31 26.9	−27 06 04.0	15.87	19921	014	21 36 58.6	−22 48 39.7	15.91	09674
015	21 30 12.4	−22 55 15.1	15.95	09942	016	21 34 46.6	−25 09 51.5	16.05	07481
017	21 36 56.1	−22 37 59.3	16.07	10325	018	21 35 13.4	−26 55 31.0	16.09	11033
019	21 32 59.0	−26 40 33.0	16.11	09114	020	21 46 21.8	−22 47 29.8	16.13	—
021	21 40 24.2	−24 31 04.4	16.20	09738	022	21 29 22.7	−25 46 42.1	16.22	05016
023	21 41 33.0	−22 57 25.4	16.25	—	024	21 34 28.0	−26 31 07.5	16.29	19805
025	21 37 06.0	−22 52 30.2	16.33	09371	026	21 27 09.6	−23 22 08.3	16.35	10317
027	21 39 24.4	−22 52 59.7	16.36	—	028	21 31 51.4	−24 29 35.3	16.38	—
029	21 46 40.2	−26 36 03.6	16.49	09601	030	21 36 17.1	−23 07 48.9	16.52	—
031	21 36 06.9	−23 42 20.7	16.54	—	032	21 27 55.5	−25 27 25.0	16.56	09147
033	21 28 38.1	−27 28 48.1	16.58	—	034	21 32 15.5	−24 27 17.6	16.61	16570
035	21 30 06.9	−23 22 38.1	16.64	19202	036	21 47 06.4	−26 21 11.1	16.67	21905
037	21 46 47.5	−24 30 51.0	16.69	09815	038	21 30 00.5	−26 13 31.5	16.71	—
039	21 36 28.3	−22 37 36.7	16.73	09470	040	21 32 29.6	−24 25 12.7	16.74	—
041	21 31 41.1	−27 22 17.8	16.76	20143	042	21 33 43.4	−25 13 60.0	16.77	—
043	21 40 39.1	−24 01 34.1	16.79	16461	044	21 35 19.5	−22 40 35.3	16.80	09407
045	21 29 05.1	−26 42 31.0	16.85	—	046	21 31 02.1	−22 58 03.5	16.86	—
047	21 39 32.8	−27 16 25.6	16.86	—	048	21 41 58.0	−25 42 04.5	16.88	—
049	21 35 40.3	−23 15 16.1	16.88	—	050	21 27 48.2	−25 03 03.0	16.91	—
051	21 39 36.0	−27 29 24.4	16.92	15797	052	21 32 16.0	−24 49 36.2	16.92	15074
053	21 35 49.9	−25 03 26.0	16.93	—	054	21 36 00.0	−25 04 52.5	16.96	—
055	21 36 13.8	−22 53 51.9	16.96	16648	056	21 29 50.5	−26 32 49.9	16.98	16113
057	21 35 41.0	−23 09 56.7	17.00	—	058	21 33 07.8	−26 56 25.9	17.01	—
059	21 32 45.8	−26 27 18.5	17.02	19745	060	21 29 12.4	−25 15 51.2	17.04	16530
061	21 32 49.8	−24 36 10.3	17.05	—	062	21 27 38.4	−24 52 58.2	17.06	—
063	21 37 24.8	−22 39 35.4	17.06	—	064	21 27 03.4	−23 21 56.9	17.08	—
065	21 36 54.9	−25 56 28.5	17.09	—	066	21 28 13.0	−25 36 42.8	17.09	10793
067	21 29 18.5	−25 25 45.8	17.11	—	068	21 30 55.7	−27 19 45.9	17.13	—
069	21 36 26.0	−23 00 28.7	17.15	—	070	21 32 45.7	−24 59 56.8	17.16	—
071	21 41 27.4	−27 07 05.1	17.17	—	072	21 35 39.7	−25 12 25.5	17.18	—
073	21 34 56.8	−25 01 02.6	17.19	—	074	21 47 33.4	−22 40 28.1	17.20	—
075	21 28 39.4	−22 57 04.0	17.21	—	076	21 38 43.3	−27 27 21.0	17.21	—
077	21 35 25.0	−27 19 46.3	17.23	—	078	21 30 30.3	−22 32 40.6	17.26	—
079	21 30 00.8	−25 02 08.7	17.26	—	080	21 30 11.5	−27 07 56.0	17.27	—
081	21 29 07.2	−24 09 46.4	17.27	—	082	21 36 01.0	−23 15 50.7	17.27	—
083	21 27 52.5	−22 37 47.3	17.29	—	084	21 45 33.0	−23 07 27.0	17.29	—
085	21 27 52.1	−23 13 06.4	17.30	—	086	21 29 00.2	−24 09 44.3	17.30	—
				532					
001	22 10 19.4	−26 23 46.3	13.37	04850	002	22 08 05.7	−25 19 12.4	14.41	04917
003	22 05 25.2	−25 18 21.4	14.66	05553	004	21 59 03.7	−22 43 35.9	14.78	05330
005	22 00 22.5	−26 38 56.3	14.84	09759	006	22 08 44.1	−23 12 00.8	14.97	05407
007	22 01 53.2	−26 38 41.6	15.07	05549	008	22 06 34.3	−25 39 47.2	15.17	02476
009	22 09 09.6	−24 45 10.8	15.33	07437	010	22 03 14.0	−22 56 53.0	15.36	17262
011	22 08 20.8	−27 05 14.7	15.51	04743	012	22 01 31.7	−23 02 13.6	15.60	—
013	21 58 22.6	−24 35 57.8	15.76	05343	014	22 03 14.6	−26 25 46.2	15.83	06672
015	22 01 10.3	−26 30 14.1	15.91	—	016	22 10 59.0	−24 35 01.3	15.96	11341
017	22 09 32.9	−27 24 18.6	16.03	09609	018	21 54 58.7	−25 00 47.4	16.21	04966
019	22 05 56.0	−24 21 10.9	16.23	16730	020	22 00 27.6	−22 41 07.7	16.26	—
021	22 06 49.4	−24 58 35.6	16.28	—	022	22 07 53.5	−23 42 30.7	16.34	18659

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
023	21 49 10.9	−25 51 51.4	16.38	—	024	22 10 36.2	−27 07 46.2	16.45	08872
025	22 00 35.8	−24 23 04.9	16.47	—	026	21 59 19.9	−23 30 04.6	16.50	—
027	21 59 03.2	−22 39 09.3	16.54	—	028	21 53 01.3	−25 19 30.8	16.57	07139
029	22 09 16.2	−26 00 27.3	16.59	10918	030	22 02 02.6	−22 40 41.0	16.60	—
031	22 04 00.4	−26 16 23.4	16.61	—	032	21 56 03.9	−25 34 00.7	16.61	—
033	21 57 20.1	−23 40 38.9	16.62	19931	034	21 59 01.6	−27 05 04.8	16.62	—
035	21 54 25.9	−26 45 19.4	16.64	—	036	21 54 58.5	−27 10 22.6	16.66	—
037	22 05 26.7	−25 05 01.8	16.68	—	038	21 57 10.6	−24 48 24.8	16.70	—
039	21 56 04.0	−25 47 36.4	16.73	08869	040	21 55 47.6	−26 37 03.2	16.75	—
041	22 00 24.3	−23 03 22.6	16.76	—	042	22 10 01.2	−22 31 25.5	16.76	—
043	22 02 36.5	−23 42 31.1	16.79	—	044	21 57 07.5	−23 44 15.7	16.80	—
045	22 08 57.0	−24 46 08.5	16.82	—	046	22 07 38.1	−25 06 14.5	16.83	02603
047	21 56 17.8	−23 51 49.1	16.84	—	048	22 08 28.6	−23 17 01.8	16.86	17612
049	22 10 33.1	−23 14 09.5	16.88	—	050	22 10 06.1	−25 53 21.8	16.91	—
051	21 59 01.0	−23 25 54.7	16.92	—	052	22 01 11.8	−26 32 29.4	16.93	10756
053	21 59 47.4	−26 21 27.3	16.98	—	054	21 59 36.9	−22 46 31.6	17.01	—
055	22 05 22.3	−27 20 39.3	17.02	05800	056	21 55 56.1	−27 09 14.8	17.03	—
057	21 49 16.5	−25 42 42.3	17.03	—	058	22 08 57.2	−23 47 56.1	17.04	—
059	22 06 28.8	−26 27 39.3	17.06	12400	060	22 05 12.9	−24 29 37.9	17.07	16150
061	21 58 11.7	−25 18 26.2	17.08	—	062	22 05 01.6	−26 17 05.6	17.09	—
063	21 54 09.6	−25 06 05.5	17.09	01711	064	22 07 46.7	−24 06 34.3	17.10	—
065	22 10 13.0	−27 15 47.1	17.12	—	066	21 50 35.9	−24 15 29.0	17.13	28966
067	21 59 12.1	−23 52 30.1	17.14	—	068	21 59 24.8	−23 09 45.9	17.15	—
069	22 05 46.7	−24 52 26.9	17.16	—	070	21 57 30.7	−23 27 33.2	17.17	—
071	21 59 35.9	−23 09 26.1	17.18	—	072	22 03 29.8	−25 58 57.1	17.19	—
073	22 10 34.8	−22 59 13.5	17.20	—	074	22 04 02.4	−24 24 30.1	17.21	16256
075	21 58 40.9	−23 33 01.4	17.23	—	076	22 04 49.4	−25 39 22.7	17.24	—
077	22 10 06.8	−25 55 54.8	17.25	18817	078	21 56 54.5	−25 57 43.5	17.25	—
079	22 08 06.6	−25 02 34.5	17.26	—	080	22 02 32.7	−23 48 13.3	17.26	—
081	22 05 11.3	−24 16 09.8	17.27	—	082	22 05 11.0	−23 20 32.4	17.27	—
083	22 00 52.7	−23 10 02.5	17.29	—					

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001	22 25 51.1	−25 05 57.3	12.81	04633	002	22 22 43.8	−25 53 59.9	13.73	04499
003	22 11 13.8	−27 11 12.4	14.10	02569	004	22 17 02.5	−26 35 35.0	14.42	02510
005	22 31 47.6	−22 57 00.7	14.68	05492	006	22 20 34.0	−22 46 47.0	14.94	—
007	22 22 47.8	−24 29 44.5	14.98	07616	008	22 17 22.6	−25 18 01.7	15.02	10765
009	22 23 09.8	−24 59 06.0	15.10	10854	010	22 19 24.1	−23 51 15.4	15.18	11579
011	22 19 45.7	−26 22 06.3	15.23	09752	012	22 22 09.7	−26 56 15.5	15.51	08949
013	22 32 46.6	−26 21 40.2	15.63	05783	014	22 30 18.5	−25 00 27.2	15.69	05638
015	22 20 00.2	−27 09 37.4	15.75	05473	016	22 12 02.1	−25 56 04.4	15.77	09310
017	22 20 14.9	−23 54 24.2	15.84	—	018	22 13 32.5	−25 55 11.2	15.89	26170
019	22 12 45.5	−26 28 22.0	15.90	09923	020	22 12 36.6	−25 48 46.5	15.94	11612
021	22 19 32.8	−23 20 21.6	15.98	08001	022	22 12 27.4	−23 16 08.8	16.02	—
023	22 28 46.1	−25 40 38.8	16.05	10070	024	22 16 50.9	−25 35 02.2	16.06	04707
025	22 29 56.9	−22 48 09.7	16.11	15298	026	22 32 32.8	−25 22 29.8	16.13	09823
027	22 14 11.5	−24 10 57.8	16.16	—	028	22 13 04.1	−27 20 22.8	16.17	24395
029	22 27 49.7	−24 52 09.6	16.18	—	030	22 14 10.2	−25 17 18.9	16.20	17836
031	22 19 40.2	−25 26 48.5	16.21	04369	032	22 16 43.5	−26 34 15.5	16.23	26625
033	22 30 12.1	−25 09 26.3	16.25	06132	034	22 32 37.4	−24 29 56.7	16.27	09932
035	22 29 36.0	−25 41 14.1	16.29	—	036	22 16 13.0	−24 36 08.7	16.31	—
037	22 12 34.1	−23 29 40.2	16.32	09387	038	22 23 36.5	−27 13 29.8	16.33	09755
039	22 15 44.0	−25 33 36.4	16.36	10419	040	22 28 40.5	−27 04 20.9	16.38	15182
041	22 15 56.0	−24 26 06.9	16.42	09216	042	22 25 43.8	−24 44 20.1	16.43	—
043	22 27 01.0	−22 49 21.2	16.44	—	044	22 14 10.2	−25 22 24.6	16.46	09212
045	22 19 13.1	−24 27 48.1	16.48	—	046	22 26 31.4	−24 07 04.4	16.50	—
047	22 17 38.0	−22 39 26.2	16.52	—	048	22 13 41.5	−25 20 37.9	16.53	10331
049	22 15 52.5	−24 25 15.8	16.54	—	050	22 25 44.8	−25 23 14.5	16.55	02587
051	22 25 32.3	−22 33 10.6	16.61	—	052	22 22 29.7	−23 30 48.5	16.61	—
053	22 32 03.6	−25 30 00.1	16.63	—	054	22 26 45.5	−26 26 40.6	16.65	10187
055	22 23 51.2	−25 39 01.0	16.67	—	056	22 18 48.5	−24 43 56.3	16.67	—
057	22 13 31.3	−24 14 36.4	16.69	18042	058	22 16 24.4	−24 29 01.2	16.70	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
059	22 28 32.3	−24 59 21.4	16.71	10168	060	22 29 46.7	−22 37 58.0	16.73	—
061	22 12 00.1	−22 40 33.4	16.74	11030	062	22 29 28.0	−25 42 40.0	16.75	19158
063	22 15 08.6	−24 30 02.7	16.75	26856	064	22 19 18.1	−25 44 16.1	16.77	19317
065	22 19 42.1	−23 48 38.7	16.78	—	066	22 23 41.2	−24 46 02.2	16.79	15748
067	22 22 43.8	−25 31 48.0	16.81	—	068	22 31 20.8	−24 18 22.5	16.82	11268
069	22 30 38.6	−25 07 14.7	16.83	06234	070	22 26 56.9	−26 21 48.4	16.84	—
071	22 28 35.7	−27 19 34.7	16.85	—	072	22 13 07.9	−27 11 01.0	16.86	—
073	22 24 42.8	−24 31 40.6	16.87	—	074	22 16 44.8	−24 30 20.8	16.89	—
075	22 28 43.9	−25 42 54.0	16.90	—	076	22 29 29.6	−24 12 40.4	16.91	—
077	22 14 13.2	−24 55 31.0	16.93	—	078	22 32 25.4	−25 18 27.8	16.94	—
079	22 18 07.1	−25 14 43.7	16.95	—	080	22 15 06.4	−26 31 42.3	16.96	—
081	22 21 22.8	−24 02 12.4	16.97	—	082	22 13 54.6	−24 34 32.8	16.99	—
083	22 19 48.7	−23 40 08.6	17.00	—	084	22 32 31.2	−25 28 59.5	17.00	—
085	22 27 02.0	−25 04 22.4	17.01	—	086	22 13 18.4	−25 14 24.1	17.03	—
087	22 12 48.4	−23 41 27.9	17.03	—	088	22 18 37.7	−25 37 46.2	17.05	—
089	22 13 13.6	−24 37 58.5	17.07	—	090	22 27 23.9	−25 06 21.0	17.08	—
091	22 32 52.0	−24 53 33.1	17.09	—	092	22 27 03.4	−23 07 00.1	17.10	—
093	22 23 22.9	−25 53 47.0	17.11	—	094	22 11 14.6	−25 17 58.2	17.12	—
095	22 14 01.2	−24 47 22.9	17.13	—	096	22 11 44.7	−27 15 30.3	17.14	—
097	22 19 08.0	−26 31 45.4	17.15	—	098	22 11 49.2	−22 53 18.1	17.16	—
099	22 32 53.2	−25 09 17.8	17.16	—	100	22 11 40.0	−24 44 27.7	17.17	—
101	22 32 04.3	−25 51 33.2	17.17	—	102	22 15 27.9	−26 52 48.8	17.18	—
103	22 13 43.8	−25 02 32.7	17.19	—	104	22 30 36.9	−25 13 20.1	17.20	—
105	22 28 20.7	−23 35 07.3	17.20	—	106	22 12 15.9	−23 33 59.2	17.21	—
107	22 13 01.2	−27 05 47.5	17.22	—	108	22 16 21.8	−24 12 41.3	17.23	—
109	22 26 09.8	−23 41 13.8	17.24	—	110	22 12 38.8	−26 22 13.8	17.25	—
111	22 29 09.4	−25 46 06.5	17.25	—	112	22 25 13.0	−25 42 10.7	17.26	—
113	22 16 18.3	−24 13 11.0	17.27	—	114	22 26 43.9	−24 00 25.2	17.28	—
115	22 15 49.0	−27 18 10.1	17.30	—					
				534					
001	22 33 00.4	−26 18 37.4	11.70	01503	002	22 35 56.3	−26 06 40.6	13.64	03408
003	22 54 02.6	−25 13 15.1	14.74	09345	004	22 34 23.0	−24 56 57.2	15.31	12942
005	22 40 28.5	−26 05 18.9	15.43	12544	006	22 33 51.0	−26 31 08.7	15.51	08096
007	22 34 58.0	−26 54 24.6	15.62	14484	008	22 43 10.2	−24 29 03.5	15.67	13607
009	22 42 33.8	−26 08 38.6	15.80	15679	010	22 36 28.5	−22 40 22.0	15.92	06422
011	22 34 55.6	−22 30 44.3	16.01	11131	012	22 42 33.8	−27 24 45.2	16.10	11004
013	22 34 04.7	−25 05 56.5	16.16	10688	014	22 33 33.2	−24 19 37.8	16.19	09845
015	22 41 26.1	−25 15 22.1	16.25	08205	016	22 33 09.0	−25 17 39.0	16.30	18047
017	22 35 58.6	−22 38 42.7	16.32	03444	018	22 47 11.4	−23 39 33.0	16.34	13989
019	22 33 35.5	−24 32 14.6	16.36	10340	020	22 39 14.3	−24 50 56.0	16.38	13820
021	22 48 05.5	−24 08 43.4	16.40	05951	022	22 39 48.8	−25 20 16.9	16.44	24095
023	22 54 17.0	−24 23 48.6	16.51	—	024	22 33 31.9	−24 53 15.9	16.53	09957
025	22 44 15.0	−27 13 19.2	16.57	17376	026	22 38 56.4	−25 11 49.7	16.59	13375
027	22 36 41.2	−23 09 04.1	16.63	09005	028	22 35 50.0	−27 14 27.1	16.64	08476
029	22 39 56.7	−24 42 37.4	16.66	—	030	22 52 23.2	−23 54 52.3	16.67	15429
031	22 40 35.4	−23 42 13.5	16.69	13490	032	22 39 41.9	−22 37 54.4	16.70	—
033	22 35 06.4	−25 16 25.5	16.75	12383	034	22 52 25.3	−26 14 46.6	16.76	24359
035	22 53 11.1	−26 54 32.8	16.84	03067	036	22 50 48.2	−25 49 19.5	16.86	—
037	22 38 28.4	−25 52 12.8	16.87	03030	038	22 36 31.3	−25 30 28.7	16.87	—
039	22 37 52.7	−23 39 06.8	16.90	—	040	22 42 22.8	−26 01 18.6	16.91	—
041	22 46 31.2	−24 49 20.6	16.92	09963	042	22 37 15.9	−26 33 52.1	16.94	08064
043	22 39 28.1	−23 43 54.8	16.97	—	044	22 49 37.7	−25 31 03.1	16.98	—
045	22 33 20.2	−23 24 23.5	17.00	—	046	22 38 53.4	−22 43 26.1	17.01	—
047	22 38 11.2	−26 50 12.3	17.02	10844	048	22 38 44.0	−24 27 13.6	17.05	14919
049	22 52 26.9	−26 34 31.4	17.07	26856	050	22 52 51.8	−25 52 02.9	17.08	26218
051	22 48 18.5	−25 30 01.4	17.12	15423	052	22 39 02.3	−23 15 19.2	17.12	—
053	22 43 04.7	−23 59 02.5	17.15	—	054	22 48 02.9	−26 02 31.6	17.18	27134
055	22 41 31.3	−23 14 16.6	17.19	—	056	22 40 06.4	−26 40 06.5	17.20	14417
057	22 33 28.7	−25 29 17.6	17.21	—	058	22 37 57.3	−27 07 19.9	17.23	08351
059	22 36 59.1	−25 22 01.7	17.24	15840	060	22 43 30.1	−26 12 34.1	17.25	20744
061	22 49 49.0	−27 06 41.2	17.26	13265	062	22 40 19.2	−24 36 50.4	17.27	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
063	22 35 21.1	−23 26 06.9	17.27	—	064	22 48 16.0	−24 52 56.7	17.28	—
065	22 51 05.6	−26 41 30.3	17.29	21198	066	22 50 04.6	−25 12 40.8	17.30	—
				535					
001	22 56 18.7	−25 47 48.9	13.92	09222	002	23 16 36.5	−22 55 27.2	14.83	05983
003	22 59 51.4	−24 35 32.8	15.44	09686	004	23 16 31.8	−23 43 06.8	15.55	07931
005	23 05 46.0	−26 32 43.3	16.00	08987	006	23 03 13.8	−25 30 59.7	16.21	15838
007	22 56 48.8	−26 06 41.0	16.27	08172	008	23 00 15.8	−26 11 32.2	16.35	14998
009	23 09 11.3	−25 28 58.8	16.42	09572	010	23 13 16.4	−25 19 47.2	16.44	—
011	23 03 51.0	−25 41 52.3	16.52	15789	012	23 02 52.5	−23 49 32.2	16.67	—
013	23 08 38.2	−27 11 27.7	16.71	15895	014	23 08 36.1	−27 11 15.4	16.77	—
015	23 14 30.7	−22 56 26.6	16.85	—	016	23 01 02.5	−26 36 47.9	16.87	15008
017	23 08 41.9	−23 31 43.0	16.90	—	018	23 03 40.6	−26 27 54.4	16.92	—
019	23 07 02.4	−23 13 47.1	16.94	09118	020	23 09 43.5	−27 26 26.9	16.98	—
021	22 55 53.9	−25 08 50.8	16.98	—	022	23 15 31.6	−27 29 55.2	17.06	—
023	23 02 41.1	−23 23 13.3	17.12	—	024	23 09 31.7	−24 38 03.3	17.13	—
025	23 15 01.0	−25 53 06.7	17.17	20367	026	22 55 05.3	−25 12 32.2	17.19	26652
027	23 03 23.1	−27 08 28.7	17.23	08685	028	23 07 05.4	−26 05 13.1	17.23	—
029	23 08 17.3	−24 31 19.2	17.27	—	030	23 12 33.0	−23 24 02.4	17.27	—
031	23 07 36.8	−22 50 02.7	17.29	—					
				536					
001	23 19 22.5	−23 46 53.4	14.23	07746	002	23 34 12.2	−27 16 07.3	14.95	08691
003	23 36 56.0	−22 41 26.5	15.26	—	004	23 27 47.3	−26 13 49.4	15.44	—
005	23 22 44.9	−25 36 46.0	15.68	08596	006	23 37 13.9	−23 02 02.6	15.80	07686
007	23 18 47.5	−23 28 53.5	15.95	—	008	23 33 57.9	−26 27 10.9	16.03	09425
009	23 28 09.4	−23 27 21.6	16.14	17751	010	23 35 26.1	−25 40 15.1	16.17	09659
011	23 32 36.8	−23 01 09.7	16.30	16592	012	23 18 15.7	−22 55 14.5	16.33	09114
013	23 36 38.1	−24 56 53.3	16.37	—	014	23 24 15.2	−23 12 49.0	16.39	—
015	23 35 26.3	−25 38 54.2	16.42	—	016	23 38 44.8	−23 02 27.9	16.44	13858
017	23 29 49.8	−26 35 49.6	16.51	15021	018	23 35 37.2	−25 09 50.5	16.56	14301
019	23 36 42.0	−26 14 55.3	16.58	—	020	23 36 02.9	−22 55 09.1	16.61	14723
021	23 25 17.5	−23 09 04.7	16.63	—	022	23 37 35.2	−23 00 33.4	16.65	07714
023	23 23 49.5	−22 59 54.2	16.67	26061	024	23 29 52.7	−24 20 47.5	16.71	08040
025	23 29 50.7	−23 38 39.8	16.72	—	026	23 29 29.6	−23 37 38.2	16.73	17504
027	23 18 41.1	−23 17 19.5	16.78	—	028	23 34 00.5	−24 03 32.4	16.80	—
029	23 18 15.2	−22 54 40.6	16.82	—	030	23 23 49.8	−25 14 38.1	16.83	15035
031	23 35 56.5	−25 43 23.1	16.86	09464	032	23 22 25.0	−25 32 08.1	16.89	—
033	23 31 54.0	−23 56 20.7	16.89	16170	034	23 31 34.2	−26 42 04.8	16.92	—
035	23 27 54.8	−24 19 01.6	16.94	17945	036	23 35 48.5	−22 59 21.3	16.96	—
037	23 31 25.6	−26 20 42.7	16.97	16237	038	23 37 12.0	−23 23 11.0	17.02	08942
039	23 25 53.9	−23 50 08.6	17.03	—	040	23 24 19.3	−23 14 36.1	17.03	18355
041	23 38 42.6	−25 30 00.9	17.08	16417	042	23 26 28.0	−23 10 53.7	17.09	17841
043	23 22 32.5	−26 02 41.7	17.12	25932	044	23 22 23.0	−24 34 40.3	17.13	02576
045	23 31 12.2	−24 04 41.7	17.14	—	046	23 24 28.3	−25 11 11.4	17.16	—
047	23 19 13.4	−23 44 50.7	17.19	—	048	23 17 52.8	−25 21 09.5	17.21	07977
049	23 18 17.2	−24 55 06.1	17.22	—	050	23 24 58.1	−25 21 35.4	17.22	—
051	23 22 24.7	−23 40 04.0	17.24	25974	052	23 36 09.7	−23 58 47.8	17.25	05170
053	23 17 02.7	−24 36 35.5	17.26	—	054	23 17 55.8	−22 34 08.3	17.27	—
055	23 35 55.7	−24 25 54.5	17.28	—					
				537					
001	23 49 38.5	−25 40 59.2	14.30	03698	002	23 41 47.3	−24 15 55.0	15.35	14047
003	23 51 29.7	−25 43 58.9	15.54	02915	004	23 52 10.3	−25 57 04.5	15.72	—
005	23 42 49.5	−27 10 36.7	15.86	14505	006	23 57 40.4	−27 00 32.4	16.08	17617
007	23 42 49.7	−24 03 04.1	16.17	14720	008	23 47 20.1	−24 18 13.5	16.24	16768
009	23 49 30.2	−22 38 03.5	16.27	13468	010	23 54 58.5	−25 12 16.9	16.36	19255
011	23 43 28.7	−23 10 34.8	16.42	13805	012	23 58 37.0	−27 17 54.6	16.45	08114
013	23 58 21.9	−26 11 02.1	16.46	14782	014	23 44 37.4	−24 05 01.0	16.49	22123
015	23 52 37.6	−22 54 04.1	16.53	14973	016	23 41 02.3	−26 12 03.8	16.57	16324

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
017	23 58 48.1	−25 28 25.8	16.61	08226	018	23 59 43.3	−24 45 51.9	16.62	—
019	23 43 57.7	−23 10 32.4	16.64	08475	020	23 41 52.0	−26 19 02.8	16.65	14244
021	23 46 15.0	−27 01 28.8	16.66	09545	022	23 42 25.6	−26 54 07.4	16.68	14793
023	23 51 07.1	−23 40 09.8	16.69	14989	024	23 43 00.1	−27 17 58.7	16.69	14754
025	23 39 56.3	−27 11 50.4	16.71	18793	026	23 55 22.6	−22 59 45.0	16.72	15561
027	23 46 27.4	−25 27 49.5	16.74	15695	028	23 42 40.2	−26 19 54.1	16.75	15569
029	23 43 53.4	−25 24 05.0	16.77	16830	030	23 58 42.2	−26 04 50.5	16.80	15364
031	23 57 40.4	−25 31 25.2	16.81	08230	032	23 50 11.2	−26 54 49.6	16.83	17561
033	23 39 56.6	−27 12 52.8	16.84	—	034	23 54 39.3	−24 18 18.1	16.87	—
035	23 49 52.1	−27 10 01.3	16.88	19005	036	23 42 58.6	−23 36 21.2	16.90	14411
037	23 42 53.1	−23 31 03.4	16.91	26833	038	23 57 28.6	−23 38 47.7	16.93	19728
039	23 58 15.7	−26 10 37.8	16.94	—	040	23 46 24.8	−23 31 18.3	16.97	17107
041	23 41 31.0	−26 39 04.0	16.98	—	042	23 43 10.6	−24 57 39.8	17.00	—
043	23 53 28.6	−23 44 27.5	17.01	—	044	23 59 26.0	−27 09 09.1	17.02	—
045	23 52 19.7	−25 27 22.6	17.03	—	046	23 50 17.0	−24 18 09.9	17.04	—
047	23 44 37.8	−25 17 06.0	17.06	—	048	23 50 09.0	−24 19 58.2	17.07	15129
049	23 55 31.7	−25 54 01.1	17.09	—	050	23 40 27.7	−26 22 00.6	17.10	15199
051	23 42 47.3	−25 11 04.6	17.10	17373	052	23 47 30.2	−24 27 29.6	17.11	—
053	23 42 40.5	−26 21 14.5	17.12	—	054	23 41 52.5	−24 07 55.0	17.14	14163
055	23 43 54.6	−23 35 59.7	17.14	13323	056	23 49 32.0	−23 15 38.0	17.17	—
057	23 40 03.4	−22 40 46.0	17.18	—	058	23 55 02.2	−25 53 22.6	17.19	21934
059	23 43 03.8	−27 17 48.3	17.19	—	060	23 53 55.5	−24 01 60.0	17.20	—
061	23 41 42.9	−26 17 41.9	17.21	—	062	23 45 28.0	−24 28 55.8	17.22	—
063	23 41 05.2	−26 59 31.6	17.22	—	064	23 59 08.8	−25 51 18.0	17.23	04550
065	23 53 36.5	−24 26 54.7	17.26	—	066	23 43 45.2	−26 19 26.6	17.27	03777
067	23 55 03.8	−23 55 21.6	17.27	—	068	23 54 13.4	−22 56 44.0	17.28	—
069	23 56 03.2	−23 00 32.9	17.29	00902	070	23 42 16.1	−24 53 59.9	17.30	—
071	23 47 39.2	−27 14 06.7	17.30	—					
				472					
001	00 10 30.5	−24 29 33.7	14.19	10269	002	00 03 03.8	−24 38 50.5	15.97	—
003	00 02 17.6	−25 38 08.2	16.20	18656	004	00 02 33.2	−27 22 42.2	16.39	08717
005	00 00 24.2	−27 14 07.4	16.46	—	006	00 10 23.6	−25 14 18.1	16.61	—
007	00 02 34.7	−26 11 40.5	16.66	—	008	00 00 56.8	−23 13 19.5	16.76	25964
009	00 03 29.5	−26 36 17.9	16.84	08276	010	00 09 46.7	−24 01 42.7	16.91	10082
011	00 05 13.3	−24 35 14.3	16.95	—	012	00 01 56.5	−26 15 04.4	16.97	—
013	00 10 06.8	−25 21 23.8	17.02	—	014	00 06 00.6	−25 47 46.6	17.08	—
015	00 01 57.7	−25 08 41.8	17.09	—	016	00 08 21.4	−25 29 23.1	17.09	—
017	00 00 36.3	−23 43 45.0	17.14	—	018	00 06 04.0	−27 14 54.7	17.14	—
019	00 05 37.8	−25 51 21.5	17.18	—	020	00 09 25.9	−25 10 20.6	17.19	—
021	00 09 18.1	−23 00 46.6	17.20	—	022	00 08 25.7	−24 50 32.3	17.21	—
023	00 10 27.6	−23 01 41.8	17.24	—	024	00 06 44.9	−27 02 05.1	17.27	—
025	00 10 14.1	−25 03 00.6	17.27	—	026	00 03 03.9	−23 13 31.8	17.29	—
				473					
001	00 16 33.4	−23 12 50.5	14.23	07718	002	00 32 53.4	−23 38 58.6	14.45	03804
003	00 16 37.9	−24 48 02.1	14.89	—	004	00 12 23.4	−24 22 04.8	15.12	07606
005	00 32 02.6	−25 50 54.8	15.31	—	006	00 32 37.6	−26 22 43.1	15.41	—
007	00 13 54.5	−27 23 50.8	15.62	—	008	00 28 45.5	−22 50 10.6	15.64	08031
009	00 12 35.0	−24 22 22.9	15.72	—	010	00 27 40.6	−23 16 07.9	16.00	17248
011	00 12 50.5	−24 20 16.4	16.08	07467	012	00 28 49.5	−23 18 40.7	16.11	07958
013	00 14 50.9	−26 53 39.8	16.14	—	014	00 14 09.9	−27 07 54.2	16.29	16660
015	00 21 40.4	−24 13 07.1	16.31	—	016	00 17 30.1	−22 48 34.1	16.37	—
017	00 16 11.2	−27 06 32.4	16.42	—	018	00 12 48.6	−25 10 13.9	16.43	16668
019	00 15 19.4	−26 43 05.9	16.48	—	020	00 13 03.6	−24 11 24.2	16.50	—
021	00 13 32.4	−24 37 19.8	16.53	—	022	00 19 04.6	−24 23 15.4	16.56	05720
023	00 14 06.5	−24 10 57.3	16.59	07595	024	00 28 18.2	−23 14 28.1	16.64	—
025	00 31 47.7	−27 07 27.9	16.65	—	026	00 13 26.1	−24 04 11.6	16.66	—
027	00 25 02.8	−26 50 55.7	16.69	—	028	00 19 52.2	−23 04 08.5	16.72	05997
029	00 11 03.0	−24 31 52.5	16.77	—	030	00 27 14.5	−23 30 58.7	16.79	—
031	00 32 08.2	−22 45 44.6	16.80	—	032	00 24 37.3	−23 52 38.2	16.82	18993

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
033	00 31 23.2	−23 03 08.0	16.84	—	034	00 20 09.2	−23 20 16.0	16.85	—
035	00 14 34.9	−24 48 00.8	16.86	—	036	00 21 34.3	−23 53 36.1	16.89	—
037	00 19 28.9	−22 45 33.0	16.91	—	038	00 12 08.0	−24 17 48.9	16.94	—
039	00 28 58.1	−23 44 40.2	16.97	—	040	00 12 34.5	−24 54 10.8	16.97	16623
041	00 30 28.3	−26 26 56.9	16.99	—	042	00 18 12.1	−25 59 05.0	16.99	19133
043	00 15 26.9	−23 12 20.3	17.00	—	044	00 25 32.0	−23 06 29.2	17.01	—
045	00 31 39.3	−24 41 25.2	17.02	—	046	00 16 48.8	−24 26 35.2	17.03	18708
047	00 13 06.7	−26 29 06.0	17.05	07830	048	00 13 11.6	−23 58 41.5	17.06	19267
049	00 20 51.6	−24 33 46.8	17.06	07851	050	00 31 54.4	−24 56 44.4	17.08	—
051	00 14 08.0	−24 42 32.5	17.09	—	052	00 19 05.8	−26 18 15.0	17.10	16900
053	00 24 06.3	−24 32 21.7	17.11	—	054	00 22 18.9	−24 00 04.4	17.12	—
055	00 25 21.2	−24 43 56.5	17.14	—	056	00 31 55.7	−25 32 59.7	17.14	—
057	00 27 47.0	−26 35 00.8	17.15	—	058	00 24 54.6	−25 36 02.3	17.16	—
059	00 23 36.0	−24 01 42.8	17.17	—	060	00 32 47.1	−24 30 03.8	17.18	—
061	00 12 06.2	−23 53 33.5	17.19	—	062	00 22 59.9	−25 11 24.5	17.20	17037
063	00 15 10.2	−22 39 52.7	17.20	—	064	00 26 44.4	−22 40 37.9	17.22	—
065	00 23 39.6	−24 47 50.2	17.22	—	066	00 15 49.0	−26 29 42.7	17.23	—
067	00 30 24.5	−26 34 27.8	17.23	—	068	00 22 03.6	−24 22 56.6	17.23	—
069	00 24 40.9	−24 57 07.7	17.24	—	070	00 31 16.4	−27 20 14.0	17.25	—
071	00 20 07.9	−23 20 45.6	17.25	—	072	00 14 59.3	−24 56 56.5	17.26	28406
073	00 22 48.7	−24 06 33.4	17.27	19238	074	00 22 58.2	−26 51 19.5	17.28	—
075	00 29 14.1	−26 41 19.8	17.29	—	076	00 16 19.6	−25 23 02.2	17.29	10583
077	00 29 15.6	−22 36 12.7	17.30	26023					
				474					
001	00 45 06.2	−25 33 41.3	08.66	00192	002	00 35 04.9	−22 49 26.4	14.18	03778
003	00 40 17.2	−23 50 07.6	14.54	06713	004	00 34 44.1	−22 51 41.7	14.69	03086
005	00 35 20.5	−26 55 27.2	14.82	05649	006	00 49 38.8	−22 57 07.2	15.35	13825
007	00 38 33.8	−25 29 29.7	15.43	16270	008	00 44 39.8	−24 38 36.9	15.45	16174
009	00 46 15.5	−23 50 02.5	15.58	16842	010	00 39 58.5	−23 54 10.4	15.73	06684
011	00 47 00.7	−26 48 39.7	15.80	—	012	00 37 29.2	−22 45 54.1	15.91	15764
013	00 50 20.0	−25 56 34.8	15.98	09572	014	00 45 55.7	−27 16 49.1	16.00	05445
015	00 42 01.0	−23 34 13.8	16.09	18053	016	00 34 45.8	−25 47 50.2	16.12	18503
017	00 52 23.1	−26 38 31.0	16.17	17431	018	00 38 52.5	−23 22 11.6	16.22	—
019	00 43 18.8	−26 11 35.6	16.28	11120	020	00 36 13.4	−25 49 51.0	16.31	18903
021	00 45 01.5	−25 42 47.2	16.34	20883	022	00 45 54.4	−25 23 57.7	16.35	19079
023	00 52 16.8	−23 47 28.7	16.38	09668	024	00 51 50.0	−23 49 25.2	16.40	17502
025	00 37 38.2	−25 25 22.4	16.43	07495	026	00 52 46.2	−24 18 53.2	16.44	17366
027	00 54 33.7	−23 36 55.8	16.47	02657	028	00 33 37.6	−25 58 45.8	16.49	—
029	00 34 30.1	−22 47 21.1	16.52	19304	030	00 48 05.5	−23 34 03.1	16.55	—
031	00 48 25.4	−23 21 20.8	16.56	35375	032	00 33 07.9	−26 18 18.2	16.59	—
033	00 50 45.4	−26 21 54.1	16.60	20784	034	00 46 11.8	−27 00 12.6	16.64	06667
035	00 48 05.7	−23 17 19.1	16.65	—	036	00 37 32.2	−25 08 22.2	16.67	18555
037	00 51 38.2	−23 27 58.1	16.68	16534	038	00 35 46.8	−23 10 43.0	16.70	27436
039	00 36 42.9	−23 38 57.6	16.73	—	040	00 50 14.8	−26 00 18.7	16.75	—
041	00 36 05.4	−25 11 24.9	16.76	—	042	00 47 42.0	−23 33 07.8	16.77	16297
043	00 39 56.1	−25 21 11.6	16.79	19142	044	00 51 48.9	−23 48 23.0	16.82	—
045	00 35 03.6	−25 41 09.7	16.83	—	046	00 41 46.4	−24 36 05.7	16.84	20398
047	00 54 53.2	−26 39 29.9	16.86	—	048	00 33 44.8	−24 02 53.3	16.86	—
049	00 41 29.6	−23 52 51.8	16.88	—	050	00 39 14.4	−22 57 25.7	16.89	—
051	00 53 10.4	−24 05 49.4	16.90	13534	052	00 37 47.8	−24 59 42.8	16.90	—
053	00 40 06.8	−22 57 42.2	16.91	15204	054	00 34 41.9	−26 42 25.8	16.92	18563
055	00 33 47.6	−26 24 41.6	16.93	—	056	00 46 56.3	−26 46 48.1	16.95	—
057	00 38 43.9	−23 37 41.2	16.95	15780	058	00 40 52.8	−24 21 23.1	16.96	—
059	00 36 30.9	−24 37 32.5	16.98	21638	060	00 47 05.8	−26 48 39.9	16.99	—
061	00 41 45.0	−24 36 04.5	17.00	—	062	00 35 21.0	−22 46 57.5	17.02	—
063	00 54 54.2	−27 05 48.1	17.03	21785	064	00 40 56.1	−25 34 00.5	17.03	19250
065	00 44 59.6	−22 31 39.9	17.05	—	066	00 46 14.0	−23 38 28.6	17.06	—
067	00 54 36.7	−22 41 22.4	17.07	18589	068	00 36 49.1	−22 40 15.2	17.07	—
069	00 37 33.8	−24 44 37.2	17.08	15769	070	00 35 40.0	−22 46 44.2	17.09	26988
071	00 54 28.0	−22 30 15.1	17.10	—	072	00 45 44.3	−24 41 51.2	17.10	—
073	00 40 12.7	−27 05 34.2	17.11	02003	074	00 39 55.7	−25 20 00.5	17.12	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
075	00 54 10.2	−23 12 22.6	17.13	—	076	00 41 06.0	−23 32 27.0	17.14	—
077	00 43 32.1	−26 46 41.3	17.14	25759	078	00 40 14.1	−26 56 43.2	17.15	10656
079	00 52 34.9	−24 08 26.6	17.16	08116	080	00 33 47.8	−25 57 45.0	17.17	—
081	00 42 52.8	−27 13 50.8	17.18	36264	082	00 40 00.8	−22 50 13.4	17.19	—
083	00 40 22.9	−26 21 10.9	17.20	33076	084	00 43 30.0	−24 52 20.9	17.21	—
085	00 42 35.7	−25 17 35.0	17.22	—	086	00 43 07.0	−24 31 18.8	17.23	15758
087	00 48 22.8	−23 21 04.3	17.23	—	088	00 39 26.2	−27 22 42.9	17.23	—
089	00 38 04.6	−22 58 28.2	17.24	—	090	00 41 22.9	−26 22 02.2	17.24	—
091	00 47 39.2	−26 13 47.9	17.24	—	092	00 37 19.0	−24 24 16.4	17.25	—
093	00 52 38.5	−27 02 26.8	17.26	—	094	00 35 25.7	−22 57 32.1	17.28	—
095	00 35 44.3	−22 50 06.8	17.28	—	096	00 44 40.2	−25 56 01.2	17.29	—
097	00 41 21.9	−26 17 19.6	17.29	—	098	00 43 45.4	−22 56 55.0	17.30	—
				475					
001	01 13 23.1	−27 06 24.1	14.00	03592	002	01 13 10.1	−26 42 43.7	14.56	03688
003	01 16 49.7	−25 47 36.1	15.01	16028	004	00 56 29.3	−26 02 22.7	15.22	05583
005	01 01 02.3	−25 59 07.5	15.53	05525	006	01 15 30.2	−27 17 29.1	15.93	16992
007	01 07 24.1	−23 15 40.8	15.98	—	008	01 12 29.6	−26 50 29.5	16.00	13303
009	01 08 43.3	−24 43 50.9	16.06	—	010	01 10 55.0	−24 20 56.3	16.14	—
011	01 02 23.5	−25 46 24.6	16.25	—	012	01 06 16.7	−26 22 22.7	16.31	11750
013	01 03 42.8	−24 25 06.3	16.32	11745	014	00 59 48.1	−25 46 22.4	16.35	11858
015	00 57 49.0	−23 13 26.1	16.38	—	016	01 00 44.4	−23 39 45.8	16.42	12127
017	01 15 23.9	−25 46 05.7	16.46	13409	018	01 16 45.6	−24 55 06.8	16.47	—
019	01 11 08.1	−24 19 14.5	16.51	—	020	00 55 57.2	−23 29 39.5	16.56	16575
021	01 16 05.1	−27 18 21.2	16.63	—	022	01 06 36.4	−27 10 33.4	16.70	—
023	01 16 35.7	−27 14 24.7	16.75	—	024	01 12 10.9	−26 38 46.8	16.78	—
025	01 12 25.2	−26 08 01.2	16.85	—	026	00 55 56.5	−23 30 21.6	16.87	—
027	01 06 03.3	−26 22 08.2	16.93	—	028	01 06 49.4	−24 23 34.8	16.94	16879
029	01 03 04.5	−23 20 48.3	16.98	—	030	00 55 45.3	−24 37 25.2	16.99	—
031	01 15 43.2	−27 25 06.9	17.02	—	032	01 05 14.6	−23 00 50.0	17.05	—
033	01 01 58.4	−25 57 09.0	17.06	13258	034	00 56 28.1	−27 16 02.5	17.06	32001
035	01 13 05.8	−26 51 22.9	17.07	—	036	01 05 46.5	−24 25 12.0	17.11	—
037	00 56 30.9	−23 24 52.0	17.12	—	038	01 11 35.8	−26 38 21.3	17.13	17256
039	01 03 27.9	−27 04 27.9	17.15	16239	040	01 11 45.0	−23 13 50.9	17.16	—
041	01 13 37.0	−24 47 39.0	17.18	—	042	01 01 41.1	−27 19 06.4	17.20	17543
043	01 11 59.5	−25 59 52.5	17.24	16885	044	01 03 00.0	−23 15 15.7	17.26	—
045	01 05 36.6	−24 24 11.2	17.27	19276	046	01 10 01.0	−26 12 45.6	17.30	—
				476					
001	01 28 06.0	−22 55 29.8	11.50	01588	002	01 18 45.2	−26 59 15.8	14.03	05775
003	01 28 24.5	−23 50 42.5	14.76	05890	004	01 38 45.3	−26 16 28.7	15.07	16629
005	01 33 46.2	−22 46 32.7	15.29	14663	006	01 35 55.7	−23 10 57.0	15.46	14078
007	01 28 56.7	−26 44 28.9	15.56	05689	008	01 25 15.2	−25 22 50.2	15.62	12942
009	01 22 17.7	−23 05 19.3	15.65	09430	010	01 29 18.4	−25 48 10.6	15.78	05992
011	01 24 28.2	−23 12 43.5	15.84	09876	012	01 27 48.7	−23 01 12.4	15.94	—
013	01 27 31.0	−25 18 48.2	16.12	21030	014	01 24 37.8	−23 03 55.0	16.18	09434
015	01 31 07.0	−26 05 41.8	16.21	21340	016	01 24 58.0	−23 05 29.6	16.29	—
017	01 17 11.1	−26 44 35.6	16.32	05662	018	01 33 20.1	−22 58 40.9	16.38	15885
019	01 19 06.5	−27 21 15.4	16.43	—	020	01 30 36.9	−27 18 20.9	16.51	11601
021	01 31 31.3	−25 48 42.9	16.53	05780	022	01 28 43.8	−27 25 04.6	16.53	—
023	01 24 27.6	−26 37 01.4	16.59	15028	024	01 38 31.0	−23 39 01.7	16.61	15210
025	01 23 06.1	−23 36 24.8	16.64	—	026	01 33 49.3	−22 55 14.2	16.64	17861
027	01 25 51.0	−22 38 00.3	16.66	—	028	01 31 26.7	−23 01 20.0	16.69	18091
029	01 28 51.0	−24 55 44.8	16.74	13151	030	01 33 25.1	−25 53 30.1	16.79	25563
031	01 36 13.5	−25 47 48.2	16.81	01495	032	01 36 37.4	−22 51 49.1	16.85	—
033	01 37 40.9	−26 12 16.7	16.92	09380	034	01 29 06.6	−27 07 19.3	16.92	05970
035	01 23 07.4	−23 57 49.1	16.94	05584	036	01 21 51.8	−26 20 36.4	16.95	12764
037	01 29 52.1	−26 15 37.3	16.98	—	038	01 33 04.4	−23 00 20.0	17.01	14897
039	01 24 48.2	−24 37 56.1	17.03	21357	040	01 32 02.6	−26 21 40.0	17.04	—
041	01 29 30.8	−25 07 36.3	17.05	—	042	01 19 17.6	−23 05 00.3	17.08	—
043	01 32 58.7	−23 28 40.4	17.10	—	044	01 35 53.8	−26 54 15.8	17.12	00098

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
045	01 18 56.0	−26 08 44.2	17.12	—	046	01 21 19.2	−27 08 12.8	17.16	—
047	01 22 05.2	−22 58 49.8	17.16	09458	048	01 27 11.9	−25 17 55.6	17.18	—
049	01 30 21.5	−25 21 32.7	17.20	33718	050	01 19 56.0	−25 55 44.6	17.22	05620
051	01 25 10.4	−24 31 23.4	17.25	21329	052	01 28 26.9	−27 18 08.9	17.26	27416
053	01 22 26.3	−24 06 15.7	17.29	09440	054	01 33 59.9	−22 44 29.5	17.30	—
				477					
001	01 56 15.2	−26 32 09.3	13.37	04525	002	01 51 25.8	−24 00 12.7	13.84	01486
003	01 59 13.0	−25 09 56.7	14.44	22815	004	01 47 32.5	−26 31 54.6	14.86	09455
005	01 46 31.3	−27 23 23.6	15.13	01359	006	01 58 00.6	−24 48 24.3	15.66	—
007	01 48 35.0	−27 17 10.5	15.74	16440	008	01 42 35.3	−23 10 09.7	15.79	—
009	01 46 42.5	−27 19 43.4	15.84	08774	010	01 40 46.2	−25 35 10.5	15.88	03920
011	01 50 27.9	−26 33 41.1	16.02	05745	012	01 55 37.2	−27 29 21.9	16.13	—
013	01 46 08.1	−24 24 35.3	16.18	04724	014	01 50 49.3	−26 34 00.8	16.19	05352
015	01 43 00.7	−22 34 38.4	16.29	12283	016	01 43 44.5	−23 31 59.4	16.34	—
017	01 40 45.5	−26 32 23.2	16.43	08653	018	01 58 39.4	−23 05 40.9	16.46	—
019	01 54 59.6	−25 33 05.2	16.48	09018	020	01 43 56.5	−26 51 20.3	16.57	17960
021	01 41 59.2	−23 25 29.0	16.62	—	022	01 49 23.2	−25 46 14.0	16.66	12891
023	01 57 48.0	−23 37 58.2	16.68	06045	024	01 47 16.0	−26 09 33.7	16.74	—
025	01 55 44.9	−23 36 01.9	16.76	12713	026	01 47 58.9	−25 50 02.8	16.78	16644
027	01 51 10.4	−26 54 39.6	16.79	17014	028	01 54 48.8	−25 21 20.6	16.81	16400
029	01 48 17.2	−25 02 57.6	16.83	13030	030	01 51 38.8	−24 01 49.4	16.86	21050
031	01 50 05.3	−24 16 15.3	16.88	17818	032	01 50 29.5	−23 27 19.8	16.90	—
033	01 40 02.5	−26 04 52.5	16.92	05874	034	01 52 19.2	−23 14 22.7	16.93	—
035	01 59 08.1	−26 04 23.7	16.94	—	036	01 56 45.1	−24 44 26.8	16.95	25007
037	01 56 26.7	−26 02 46.3	16.97	—	038	01 41 17.0	−27 12 01.6	17.00	—
039	01 44 41.8	−27 08 27.2	17.03	09839	040	01 42 51.7	−23 53 41.3	17.06	—
041	01 40 29.7	−26 50 49.0	17.08	—	042	01 48 47.7	−26 57 53.5	17.09	—
043	01 48 16.8	−26 39 27.0	17.11	—	044	01 45 24.2	−27 25 00.4	17.14	—
045	01 51 11.0	−22 31 56.5	17.17	—	046	01 50 21.6	−24 22 08.8	17.18	—
047	01 59 11.7	−25 10 49.2	17.22	—	048	01 51 33.5	−27 05 37.5	17.25	—
049	01 50 23.1	−24 33 53.3	17.26	17608	050	01 54 41.1	−23 17 35.1	17.30	05918
				478					
001	02 22 48.5	−25 00 54.2	12.77	02976	002	02 10 11.5	−22 42 18.0	14.21	12356
003	02 16 19.5	−25 59 11.3	14.72	10792	004	02 07 57.4	−22 39 58.3	15.18	05585
005	02 15 36.8	−23 36 51.3	15.32	11026	006	02 10 33.2	−26 41 36.0	15.46	17451
007	02 09 04.8	−25 15 15.1	15.73	09709	008	02 17 42.9	−27 27 22.5	15.81	—
009	02 10 46.5	−22 43 29.0	15.85	12164	010	02 09 14.5	−23 28 28.2	15.96	—
011	02 14 47.4	−23 54 44.6	15.99	—	012	02 09 48.4	−25 58 43.9	16.04	16922
013	02 06 13.7	−26 01 08.5	16.13	—	014	02 22 19.4	−23 11 13.9	16.19	10548
015	02 21 21.3	−26 23 39.9	16.23	—	016	02 03 01.4	−23 56 13.6	16.27	09065
017	02 12 38.9	−25 05 14.0	16.33	11067	018	02 11 51.1	−23 02 33.0	16.35	12217
019	02 19 05.2	−23 21 26.7	16.40	—	020	02 20 58.9	−23 08 54.5	16.42	15696
021	02 07 05.2	−24 06 54.1	16.46	16679	022	02 07 12.7	−25 54 48.8	16.48	—
023	02 10 05.1	−27 08 15.5	16.54	09590	024	02 06 42.6	−23 54 32.4	16.58	16653
025	02 13 46.4	−22 56 51.7	16.60	09721	026	02 14 07.9	−25 02 00.2	16.63	—
027	02 18 00.1	−27 22 43.9	16.65	—	028	02 13 43.7	−26 07 51.8	16.67	—
029	02 01 26.4	−25 08 35.7	16.69	—	030	02 11 55.4	−24 36 01.0	16.71	—
031	02 06 52.1	−27 11 19.3	16.73	—	032	02 07 04.0	−26 57 02.6	16.77	—
033	02 16 46.1	−26 47 28.4	16.81	15024	034	02 11 29.2	−26 06 28.8	16.83	—
035	02 05 52.5	−25 07 41.0	16.83	—	036	02 07 42.4	−22 35 33.2	16.88	—
037	02 05 41.9	−27 05 04.2	16.90	—	038	02 10 12.1	−27 06 56.0	16.90	—
039	02 17 08.9	−27 26 08.5	16.90	17206	040	02 19 52.5	−23 53 04.8	16.92	—
041	02 21 37.2	−25 21 48.1	16.94	17832	042	02 07 22.0	−25 53 07.4	16.96	—
043	02 06 40.5	−24 00 40.6	16.98	—	044	02 18 18.4	−26 36 00.6	17.00	17768
045	02 16 15.3	−26 03 23.3	17.02	—	046	02 16 20.3	−26 41 16.1	17.04	—
047	02 21 02.7	−26 22 50.8	17.06	17544	048	02 09 17.8	−26 48 02.2	17.08	—
049	02 20 49.8	−25 07 23.9	17.10	—	050	02 09 52.3	−22 31 11.6	17.10	—
051	02 18 51.6	−26 50 51.5	17.13	—	052	02 15 50.3	−22 55 05.7	17.13	—
053	02 13 25.8	−27 28 01.1	17.17	17430	054	02 18 48.3	−23 21 44.4	17.17	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
055	02 06 17.1	−23 52 12.9	17.19	—	056	02 14 59.8	−24 29 21.6	17.21	13265
057	02 16 25.1	−26 39 46.5	17.23	—	058	02 15 42.5	−23 44 47.9	17.25	—
059	02 14 16.9	−23 50 15.9	17.25	09792	060	02 16 20.0	−23 58 27.3	17.25	—
061	02 22 58.9	−23 02 22.6	17.27	—	062	02 09 49.7	−22 51 16.4	17.29	—
063	02 21 31.9	−26 17 50.2	17.29	—					
				479					
001	02 24 05.8	−24 30 48.0	12.75	01390	002	02 39 52.6	−24 20 40.6	14.48	01566
003	02 27 14.2	−26 45 23.4	14.61	04823	004	02 44 26.5	−27 10 51.9	14.69	—
005	02 44 01.0	−26 30 59.8	14.93	06892	006	02 29 10.4	−23 13 35.3	15.30	17309
007	02 41 26.2	−24 24 35.9	15.34	07389	008	02 36 13.2	−27 26 43.3	15.46	13433
009	02 29 20.0	−23 14 10.1	15.54	16565	010	02 25 05.8	−24 09 07.4	15.65	05291
011	02 42 52.4	−26 39 36.0	15.78	07111	012	02 43 34.4	−23 26 35.5	15.80	06850
013	02 25 01.3	−26 52 01.7	15.89	04952	014	02 29 58.2	−24 55 46.2	15.97	11766
015	02 36 02.3	−27 28 35.9	16.02	—	016	02 24 08.0	−25 02 32.5	16.06	—
017	02 44 26.0	−24 38 34.3	16.10	—	018	02 40 38.4	−25 47 37.5	16.12	07049
019	02 24 37.7	−23 46 00.2	16.16	—	020	02 32 08.3	−26 24 27.6	16.17	—
021	02 42 16.7	−24 45 01.5	16.20	06857	022	02 35 12.6	−23 44 56.5	16.25	15419
023	02 37 48.9	−23 08 12.6	16.27	09865	024	02 23 46.4	−23 35 07.1	16.30	—
025	02 29 43.0	−26 16 22.1	16.32	13816	026	02 28 52.3	−23 48 58.9	16.35	—
027	02 31 15.5	−26 59 38.2	16.36	12828	028	02 37 39.0	−25 20 57.4	16.39	07322
029	02 23 25.5	−23 31 12.1	16.43	15750	030	02 35 32.7	−26 43 11.8	16.45	—
031	02 28 31.0	−25 51 47.4	16.49	10107	032	02 26 10.5	−24 02 16.7	16.51	24839
033	02 37 22.7	−27 18 30.9	16.54	—	034	02 40 28.4	−27 18 21.3	16.56	—
035	02 31 53.7	−26 29 09.4	16.57	—	036	02 43 29.8	−25 58 17.9	16.58	10373
037	02 34 44.5	−25 25 29.3	16.59	—	038	02 23 36.3	−23 55 14.0	16.62	—
039	02 29 02.0	−23 38 40.1	16.64	—	040	02 42 49.3	−26 35 35.8	16.68	—
041	02 44 30.4	−27 09 17.8	16.68	—	042	02 27 50.9	−22 32 24.8	16.73	16489
043	02 24 11.6	−22 54 17.9	16.75	—	044	02 40 24.7	−25 23 47.0	16.80	—
045	02 36 02.4	−23 03 47.0	16.81	16198	046	02 44 24.8	−27 12 37.2	16.82	—
047	02 40 10.0	−25 46 28.0	16.83	07195	048	02 43 59.7	−25 07 55.3	16.86	06919
049	02 27 45.5	−25 44 44.3	16.89	16706	050	02 25 16.0	−24 37 01.1	16.92	10587
051	02 23 43.4	−26 47 29.9	16.93	17617	052	02 26 31.0	−25 34 09.3	16.95	16658
053	02 42 00.2	−26 23 08.6	16.97	—	054	02 39 47.5	−24 24 54.2	16.99	—
055	02 32 41.1	−23 19 41.5	17.01	15703	056	02 41 15.4	−22 38 55.3	17.03	09850
057	02 31 54.7	−27 23 11.5	17.05	30728	058	02 28 15.6	−26 10 13.5	17.06	14062
059	02 28 37.1	−23 22 59.5	17.07	—	060	02 35 42.7	−26 49 49.4	17.07	—
061	02 42 42.6	−26 35 49.4	17.08	—	062	02 25 33.9	−26 27 40.6	17.09	—
063	02 24 19.9	−23 14 38.4	17.10	—	064	02 35 28.0	−26 46 16.7	17.11	—
065	02 29 49.4	−25 38 28.8	17.12	04754	066	02 41 12.0	−26 09 46.7	17.14	—
067	02 44 20.1	−27 12 16.5	17.15	—	068	02 33 23.5	−26 55 15.4	17.18	—
069	02 28 43.8	−23 10 06.9	17.19	—	070	02 42 23.0	−23 54 13.7	17.21	—
071	02 34 42.5	−22 55 23.5	17.21	15855	072	02 36 29.1	−27 12 11.8	17.22	—
073	02 36 46.7	−23 51 42.3	17.24	—	074	02 41 04.7	−27 07 03.4	17.25	—
075	02 27 36.9	−24 35 18.6	17.26	—	076	02 31 50.8	−27 02 36.0	17.27	—
077	02 35 00.8	−25 37 46.2	17.27	—	078	02 25 39.2	−23 11 23.6	17.29	—
079	02 42 16.9	−26 59 27.8	17.30	—					
				480					
001	03 00 23.8	−23 03 41.7	11.51	01356	002	03 05 58.6	−23 06 48.6	14.56	10237
003	03 01 53.0	−26 47 25.1	15.11	03790	004	02 49 23.9	−25 54 26.4	15.16	06700
005	02 59 33.3	−25 30 33.7	15.36	10814	006	02 49 08.1	−27 10 26.7	15.51	03467
007	02 57 27.6	−24 29 29.6	15.57	10586	008	02 57 01.5	−23 51 33.5	15.66	02762
009	03 03 31.1	−23 26 34.3	15.75	11687	010	03 05 37.2	−27 15 41.0	15.82	06432
011	02 59 47.3	−24 01 12.3	15.89	10401	012	02 56 07.7	−23 14 59.7	16.00	07987
013	03 04 31.5	−26 20 15.9	16.06	11108	014	02 51 38.7	−27 01 59.6	16.12	18197
015	02 52 11.2	−22 42 20.5	16.23	08418	016	02 56 11.8	−23 15 24.2	16.31	—
017	02 47 47.4	−25 58 28.2	16.35	13588	018	03 02 49.9	−22 33 07.2	16.42	04274
019	02 51 21.1	−26 48 27.0	16.50	18935	020	03 06 03.9	−23 45 15.3	16.54	19938
021	02 59 02.8	−25 31 15.0	16.56	11083	022	02 49 12.1	−25 08 57.3	16.58	33754
023	02 59 26.4	−25 30 46.2	16.58	—	024	02 51 12.6	−27 20 52.5	16.60	20313

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
025	03 03 55.7	−23 33 16.2	16.62	10230	026	03 04 54.3	−26 35 37.5	16.67	06368
027	03 06 44.0	−23 26 05.1	16.68	23310	028	02 47 58.6	−26 56 01.9	16.73	18132
029	03 03 29.0	−23 20 37.7	16.75	11307	030	03 06 33.6	−24 11 41.3	16.76	20717
031	03 06 25.6	−23 27 31.2	16.79	—	032	02 52 36.9	−22 58 26.5	16.81	—
033	02 57 25.7	−27 02 06.7	16.83	15131	034	02 52 21.1	−24 44 35.8	16.85	—
035	03 04 40.4	−23 16 03.2	16.90	12178	036	02 53 29.9	−26 37 38.3	16.90	18542
037	02 55 03.8	−27 06 48.8	16.94	—	038	03 06 36.0	−23 37 29.9	16.97	19523
039	02 57 13.0	−27 25 57.1	17.00	05335	040	03 03 06.2	−25 16 24.9	17.02	19460
041	02 56 08.3	−24 00 53.6	17.04	19173	042	02 48 31.2	−23 51 26.1	17.06	—
043	03 05 41.2	−27 20 42.8	17.08	20156	044	02 52 10.8	−25 15 48.1	17.10	18672
045	02 52 23.8	−26 53 03.3	17.10	—	046	03 00 02.7	−22 53 02.1	17.10	—
047	03 06 01.2	−24 52 56.2	17.13	09570	048	02 56 33.1	−24 25 49.8	17.19	—
049	02 45 37.2	−22 48 56.8	17.21	25529	050	03 03 29.1	−23 47 16.1	17.23	—
051	02 48 26.6	−25 11 29.9	17.25	10491	052	02 56 41.2	−24 05 20.9	17.27	10697
053	02 59 25.0	−25 31 30.0	17.29	—	054	02 49 46.9	−24 25 28.0	17.29	22621
				481					
001	03 17 42.5	−26 14 26.1	11.78	01710	002	03 16 23.7	−26 01 07.0	13.64	01764
003	03 18 53.8	−25 41 29.6	14.55	01471	004	03 23 36.8	−26 33 45.7	15.10	12904
005	03 07 39.8	−24 40 05.8	15.45	—	006	03 09 08.1	−25 17 48.0	15.60	06324
007	03 10 13.7	−24 43 58.8	15.63	—	008	03 18 09.9	−26 38 40.6	15.73	—
009	03 11 12.9	−25 03 25.0	15.76	—	010	03 10 07.1	−25 20 05.5	15.89	06242
011	03 09 16.4	−27 07 10.3	15.96	20642	012	03 12 34.2	−25 03 33.3	16.02	15405
013	03 10 35.0	−27 18 21.4	16.13	—	014	03 09 08.8	−26 07 21.8	16.28	19932
015	03 07 05.5	−23 59 58.2	16.36	21901	016	03 24 23.3	−23 06 48.5	16.39	15775
017	03 13 39.0	−26 55 08.6	16.41	04329	018	03 16 42.3	−24 09 24.7	16.45	15284
019	03 26 43.0	−26 47 10.0	16.47	13133	020	03 25 41.6	−26 21 52.5	16.49	12599
021	03 17 09.9	−27 18 35.4	16.56	—	022	03 19 36.7	−24 20 49.2	16.60	—
023	03 26 42.6	−23 10 47.7	16.62	15954	024	03 13 13.5	−27 22 02.2	16.64	20602
025	03 15 08.7	−24 14 04.4	16.65	—	026	03 13 30.8	−24 21 36.0	16.68	—
027	03 19 31.3	−24 36 54.2	16.70	—	028	03 08 13.1	−25 54 58.5	16.72	23043
029	03 17 28.3	−26 20 07.9	16.74	21032	030	03 26 06.3	−27 15 11.3	16.75	11199
031	03 28 08.0	−24 31 20.5	16.77	16146	032	03 23 02.9	−24 10 05.9	16.78	21017
033	03 20 52.1	−23 22 00.2	16.79	15603	034	03 22 39.2	−26 42 17.6	16.81	19430
035	03 24 28.0	−25 26 41.1	16.83	12183	036	03 13 20.2	−23 00 12.5	16.87	10651
037	03 24 16.4	−26 40 54.5	16.89	—	038	03 10 34.1	−25 32 55.6	16.92	—
039	03 16 08.6	−22 59 15.4	16.93	—	040	03 12 51.9	−26 52 43.0	16.95	—
041	03 23 45.1	−25 59 08.2	16.98	—	042	03 23 06.6	−25 31 48.4	16.99	—
043	03 20 34.5	−26 00 59.3	17.00	19216	044	03 10 51.1	−25 58 21.4	17.01	12876
045	03 09 39.3	−22 39 50.8	17.02	—	046	03 19 51.7	−24 02 40.7	17.04	—
047	03 09 19.5	−23 04 55.6	17.05	16194	048	03 09 16.6	−23 47 46.4	17.05	—
049	03 09 36.8	−25 08 15.0	17.06	—	050	03 12 46.8	−26 44 12.0	17.09	—
051	03 21 36.5	−24 25 37.3	17.09	10793	052	03 10 51.8	−25 14 47.8	17.11	—
053	03 09 47.5	−25 26 33.0	17.13	—	054	03 19 46.3	−23 14 04.8	17.14	15365
055	03 16 44.6	−22 54 12.9	17.16	26572	056	03 09 51.0	−22 33 42.5	17.17	—
057	03 08 17.6	−23 42 35.6	17.18	—	058	03 15 18.0	−26 01 05.1	17.19	—
059	03 13 50.8	−24 47 03.1	17.21	—	060	03 15 58.5	−24 56 12.7	17.22	—
061	03 20 44.9	−26 49 42.2	17.23	—	062	03 16 51.2	−25 31 39.7	17.24	—
063	03 27 31.0	−27 16 17.6	17.26	—	064	03 23 53.5	−25 46 43.2	17.28	—
065	03 25 09.4	−26 11 10.8	17.29	—	066	03 15 47.6	−25 57 43.2	17.30	—
				466					
001	21 59 11.4	−32 13 36.8	11.92	02508	002	21 56 25.5	−32 07 23.3	13.41	03033
003	21 45 36.4	−32 24 35.0	14.18	05309	004	22 00 53.5	−28 02 27.0	14.36	06829
005	21 54 09.2	−28 51 25.0	14.54	06095	006	21 58 26.1	−31 46 14.7	14.71	02468
007	21 44 42.0	−29 55 32.7	14.87	06795	008	21 39 37.2	−29 35 46.0	14.93	07005
009	21 59 50.8	−28 20 05.8	15.04	—	010	21 59 20.9	−31 27 42.7	15.10	02820
011	21 59 21.3	−31 59 52.0	15.15	02814	012	21 54 36.3	−29 37 57.5	15.24	10887
013	21 51 36.0	−28 35 56.9	15.36	09844	014	21 43 35.3	−30 15 30.2	15.41	07112
015	21 55 16.7	−28 54 00.5	15.46	06420	016	21 57 08.9	−30 25 27.4	15.50	05153
017	21 43 27.5	−29 33 14.9	15.65	14030	018	21 58 38.7	−27 44 28.5	15.81	19762

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
019	21 54 28.2	−31 55 52.9	15.88	16730	020	21 52 34.5	−32 26 39.0	15.96	—
021	21 53 11.5	−29 28 57.9	16.03	09664	022	21 55 56.3	−28 57 42.8	16.05	06353
023	21 44 24.5	−28 30 34.2	16.11	14260	024	21 45 26.0	−28 06 45.6	16.13	—
025	21 55 29.9	−30 33 52.7	16.15	16224	026	21 59 53.0	−30 48 01.9	16.19	—
027	21 56 35.0	−29 26 05.6	16.24	11127	028	21 47 09.2	−31 09 27.5	16.28	05044
029	21 43 03.6	−29 02 28.6	16.32	—	030	21 50 24.1	−28 58 22.3	16.35	—
031	21 45 35.0	−29 04 59.8	16.36	—	032	21 58 56.4	−27 59 01.3	16.39	—
033	21 42 44.1	−29 23 16.4	16.43	13955	034	21 49 32.6	−29 13 18.2	16.46	—
035	21 58 49.5	−31 12 23.6	16.47	11509	036	21 58 45.3	−31 08 03.1	16.49	11470
037	22 01 39.6	−31 13 30.1	16.52	27679	038	21 55 57.7	−27 49 30.5	16.55	20281
039	21 56 43.8	−29 00 31.6	16.58	17739	040	22 02 13.5	−29 31 27.7	16.59	—
041	21 58 38.9	−32 25 49.5	16.59	—	042	21 42 14.7	−28 34 47.5	16.61	—
043	21 51 38.1	−30 13 40.8	16.63	—	044	21 47 28.7	−30 23 34.8	16.65	28186
045	21 46 53.8	−32 04 04.1	16.67	28171	046	21 55 07.5	−28 59 16.0	16.68	—
047	22 02 26.6	−29 07 32.2	16.69	—	048	21 47 29.8	−30 19 08.7	16.70	27720
049	21 42 56.5	−30 27 22.1	16.70	07044	050	21 59 16.4	−30 50 33.2	16.71	—
051	21 54 40.3	−27 56 41.2	16.73	24373	052	21 59 54.8	−28 32 19.6	16.75	—
053	21 49 26.7	−29 07 28.6	16.76	27390	054	21 54 42.7	−30 48 07.9	16.77	—
055	21 56 44.3	−28 24 22.2	16.78	—	056	21 40 15.2	−29 15 50.2	16.80	21380
057	21 57 45.1	−31 29 21.7	16.81	—	058	21 46 00.8	−27 54 32.8	16.82	22090
059	21 42 26.5	−29 10 29.8	16.84	—	060	21 51 06.8	−28 13 18.5	16.86	—
061	22 01 00.9	−28 41 06.4	16.87	—	062	22 01 36.5	−28 20 29.5	16.89	28082
063	21 40 47.3	−31 41 20.6	16.91	—	064	21 58 34.9	−32 12 14.0	16.91	—
065	21 59 21.0	−27 58 18.5	16.93	—	066	21 52 13.2	−30 26 46.6	16.95	—
067	21 56 24.1	−31 52 02.6	16.95	20818	068	21 49 23.4	−29 00 33.8	16.96	—
069	22 01 38.4	−29 46 23.3	16.96	—	070	21 44 23.5	−28 55 09.3	16.97	21778
071	21 52 07.3	−31 12 31.9	16.98	22198	072	21 47 50.5	−28 29 55.6	16.99	28301
073	21 56 55.6	−30 13 22.4	17.00	—	074	21 57 52.3	−30 42 27.0	17.01	—
075	21 54 36.9	−30 20 11.2	17.02	—	076	21 55 42.5	−28 46 35.2	17.04	—
077	21 45 17.0	−29 21 45.9	17.04	—	078	21 43 39.9	−31 05 34.8	17.05	—
079	21 58 32.1	−31 07 39.5	17.06	—	080	21 39 30.6	−28 16 05.6	17.06	—
081	22 01 36.3	−28 44 55.2	17.07	—	082	21 56 59.1	−28 23 02.5	17.07	—
083	21 55 51.3	−28 45 42.9	17.08	—	084	21 46 02.5	−27 56 02.9	17.09	—
085	21 41 16.2	−30 25 20.2	17.10	—	086	21 43 20.0	−29 57 36.0	17.11	—
087	22 00 26.1	−29 15 30.4	17.12	—	088	21 50 56.9	−29 10 20.4	17.13	—
089	22 01 31.0	−27 54 07.9	17.13	—	090	21 52 47.3	−30 14 14.2	17.14	—
091	21 45 02.2	−30 31 15.4	17.14	—	092	21 49 38.3	−28 30 01.4	17.15	—
093	21 47 28.0	−31 40 03.3	17.15	—	094	21 48 29.1	−29 21 43.5	17.17	—
095	21 39 40.6	−28 35 42.5	17.17	—	096	22 00 44.5	−29 20 20.4	17.17	—
097	21 46 10.0	−29 37 38.2	17.18	—	098	21 43 33.7	−31 24 54.5	17.18	—
099	21 54 05.2	−30 20 15.5	17.19	—	100	21 47 31.0	−31 10 16.4	17.20	—
101	21 42 23.2	−29 09 18.7	17.20	—	102	21 43 02.6	−29 27 37.5	17.21	—
103	21 41 31.1	−28 44 08.5	17.22	—	104	21 55 40.9	−31 13 47.7	17.24	—
105	21 45 07.3	−30 23 01.8	17.24	—	106	21 45 17.7	−28 23 53.8	17.25	—
107	21 41 53.8	−27 47 32.1	17.25	—	108	22 01 43.8	−28 49 38.2	17.26	—
109	21 40 37.1	−31 52 15.3	17.27	—	110	21 53 21.2	−29 40 30.1	17.28	—
111	21 53 27.3	−27 42 22.2	17.28	—	112	21 54 04.1	−31 04 26.3	17.29	—
113	21 54 34.1	−28 32 38.2	17.29	—	114	21 43 35.9	−31 27 50.6	17.30	—
					467				
001	22 08 23.0	−30 48 35.1	13.05	04341	002	22 03 50.5	−31 24 25.8	13.76	04205
003	22 22 50.8	−31 27 17.8	14.02	08507	004	22 13 25.7	−27 39 10.8	14.23	05316
005	22 23 21.0	−31 23 59.9	14.43	04433	006	22 13 14.9	−30 37 06.5	14.59	07833
007	22 16 25.1	−28 39 16.7	14.78	08398	008	22 11 33.0	−30 13 47.7	14.93	04515
009	22 23 16.0	−31 07 20.5	15.07	08532	010	22 24 04.0	−31 08 34.9	15.15	03947
011	22 04 20.1	−30 04 56.0	15.22	08823	012	22 13 28.6	−32 01 37.8	15.36	08320
013	22 04 00.0	−29 11 33.8	15.44	18173	014	22 06 24.3	−27 38 56.8	15.51	—
015	22 06 25.9	−27 58 33.5	15.56	07417	016	22 25 29.0	−30 31 27.6	15.67	15871
017	22 24 04.0	−27 49 12.7	15.73	—	018	22 24 37.6	−31 38 31.0	15.85	08371
019	22 19 59.5	−32 19 03.0	15.89	08286	020	22 23 34.8	−28 21 03.5	16.01	03518
021	22 06 22.8	−27 48 46.9	16.05	06985	022	22 07 58.3	−30 27 24.3	16.08	18010
023	22 05 33.2	−30 27 43.8	16.10	12334	024	22 11 20.4	−28 48 20.0	16.13	17671

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
025	22 22 37.8	−27 57 17.8	16.17	15234	026	22 03 13.5	−27 56 40.0	16.22	—
027	22 13 06.9	−30 21 44.0	16.23	—	028	22 24 34.2	−30 45 03.2	16.24	16802
029	22 05 40.9	−30 50 05.2	16.27	18131	030	22 23 12.0	−31 05 13.6	16.31	—
031	22 13 30.6	−28 59 18.3	16.35	18116	032	22 02 41.1	−27 35 59.2	16.40	—
033	22 05 37.6	−29 07 09.5	16.42	16791	034	22 17 26.9	−31 47 51.5	16.44	—
035	22 11 45.2	−29 16 28.4	16.49	—	036	22 06 17.4	−30 11 43.5	16.50	—
037	22 16 25.0	−28 40 03.4	16.51	—	038	22 08 28.0	−29 15 35.8	16.55	—
039	22 05 45.4	−31 07 52.0	16.58	02613	040	22 20 07.7	−31 45 10.7	16.58	—
041	22 07 54.7	−29 13 36.1	16.59	07324	042	22 21 56.0	−31 12 21.0	16.63	17611
043	22 21 15.5	−29 25 34.0	16.64	18336	044	22 21 04.8	−31 31 29.9	16.66	—
045	22 13 13.6	−28 11 54.2	16.67	18455	046	22 09 09.6	−28 20 33.5	16.73	24876
047	22 18 44.3	−31 12 51.2	16.74	17297	048	22 25 15.1	−30 56 31.7	16.76	18551
049	22 13 26.0	−29 02 02.2	16.77	18339	050	22 24 02.7	−27 47 14.7	16.78	—
051	22 07 37.6	−30 36 14.5	16.81	10949	052	22 18 31.6	−31 40 52.2	16.81	—
053	22 15 30.4	−30 19 50.1	16.84	—	054	22 12 48.8	−29 30 42.8	16.85	—
055	22 05 24.5	−29 34 56.9	16.88	25496	056	22 25 26.3	−30 16 16.4	16.90	17053
057	22 16 48.9	−28 35 03.4	16.91	17889	058	22 08 11.9	−29 08 26.8	16.91	18170
059	22 21 03.8	−30 44 26.2	16.92	24598	060	22 20 38.5	−31 29 49.2	16.93	—
061	22 17 34.1	−29 18 45.6	16.95	24783	062	22 08 22.4	−32 21 26.5	16.97	—
063	22 18 44.9	−27 52 35.4	16.98	18069	064	22 25 01.0	−30 49 04.7	16.99	—
065	22 04 38.9	−32 17 06.4	17.00	—	066	22 05 43.7	−28 30 44.4	17.00	—
067	22 03 08.2	−29 00 02.1	17.01	—	068	22 15 55.4	−27 30 11.6	17.02	—
069	22 10 25.8	−31 30 50.0	17.02	—	070	22 07 24.5	−30 40 07.1	17.05	—
071	22 06 23.1	−27 34 28.7	17.06	—	072	22 14 23.7	−30 44 49.3	17.08	—
073	22 04 25.4	−29 27 01.2	17.09	—	074	22 05 52.0	−29 03 36.4	17.10	—
075	22 17 14.8	−29 22 59.0	17.11	—	076	22 04 07.1	−31 47 53.0	17.14	—
077	22 25 03.9	−30 53 15.8	17.16	—	078	22 20 59.5	−31 20 53.7	17.16	—
079	22 20 49.2	−29 50 02.0	17.17	—	080	22 15 59.5	−28 25 34.5	17.18	—
081	22 21 47.0	−29 18 21.7	17.19	—	082	22 18 40.5	−29 08 30.4	17.20	—
083	22 09 39.8	−27 33 42.5	17.21	—	084	22 15 20.1	−28 47 21.7	17.22	—
085	22 22 00.9	−31 37 34.0	17.23	—	086	22 16 07.8	−31 11 11.9	17.25	—
087	22 03 47.3	−29 01 54.4	17.25	—	088	22 09 26.0	−27 51 12.4	17.25	—
089	22 12 43.4	−27 45 05.4	17.26	—	090	22 16 56.2	−27 37 28.8	17.29	—
091	22 24 01.1	−32 13 01.3	17.30	—					
				468					
001	22 39 31.1	−30 19 08.2	12.85	01358	002	22 28 31.1	−28 39 27.8	14.80	10874
003	22 35 30.3	−28 29 38.9	15.12	09459	004	22 33 20.6	−27 59 02.7	15.36	—
005	22 29 45.2	−31 10 32.0	15.55	08573	006	22 27 17.0	−28 43 28.3	15.63	08410
007	22 39 42.5	−28 50 45.8	15.84	08544	008	22 41 50.6	−32 19 57.3	15.89	08572
009	22 34 34.6	−31 00 21.8	15.98	08491	010	22 39 24.0	−29 07 11.8	16.04	—
011	22 28 58.0	−27 33 33.9	16.06	02040	012	22 28 53.0	−31 44 38.7	16.09	17441
013	22 27 53.8	−30 47 18.1	16.17	04161	014	22 31 06.5	−30 07 34.0	16.22	—
015	22 39 23.9	−31 21 08.7	16.23	08689	016	22 28 29.3	−30 42 38.8	16.25	—
017	22 29 34.6	−31 26 27.2	16.28	16997	018	22 35 03.0	−28 32 32.5	16.29	—
019	22 27 34.2	−31 51 55.1	16.34	14586	020	22 39 08.0	−32 04 47.1	16.37	—
021	22 29 18.2	−29 49 05.0	16.40	—	022	22 25 34.7	−32 00 01.5	16.46	—
023	22 29 41.0	−30 43 10.9	16.48	16663	024	22 38 11.7	−27 51 32.7	16.53	—
025	22 28 33.5	−28 21 23.9	16.54	08394	026	22 31 03.8	−29 12 21.9	16.61	08351
027	22 34 03.9	−32 09 35.6	16.62	11407	028	22 31 54.9	−27 56 23.7	16.67	11873
029	22 40 21.7	−30 22 10.1	16.70	08261	030	22 31 02.5	−29 09 34.7	16.74	08871
031	22 28 07.6	−28 39 03.0	16.75	—	032	22 45 09.2	−28 48 34.4	16.78	10086
033	22 39 09.2	−30 38 17.6	16.80	17468	034	22 40 58.5	−28 51 37.0	16.84	—
035	22 46 06.2	−28 26 06.2	16.87	—	036	22 36 38.6	−28 14 37.1	16.88	14663
037	22 30 05.5	−28 11 41.1	16.90	—	038	22 35 40.5	−29 06 40.2	16.92	—
039	22 40 20.5	−32 02 11.3	16.93	23610	040	22 45 48.2	−29 49 23.2	16.93	09718
041	22 47 15.5	−28 19 05.9	16.95	08860	042	22 32 33.7	−27 46 15.1	16.98	11742
043	22 36 25.5	−31 21 01.4	16.99	08426	044	22 31 32.6	−28 58 47.7	17.00	19329
045	22 37 56.4	−31 03 35.9	17.03	—	046	22 25 52.3	−30 21 22.2	17.06	08591
047	22 26 46.5	−31 28 49.8	17.08	—	048	22 36 37.5	−27 57 27.0	17.10	—
049	22 48 10.4	−31 52 34.6	17.13	—	050	22 46 48.4	−31 32 00.2	17.15	—
051	22 47 52.2	−31 30 58.7	17.17	31544	052	22 27 08.1	−29 33 50.7	17.20	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
053	22 48 29.5	−28 24 40.1	17.22	—	054	22 33 25.0	−27 54 14.8	17.23	—
055	22 30 11.7	−29 34 36.6	17.24	—	056	22 43 29.0	−30 58 43.2	17.26	17574
057	22 39 31.0	−31 20 48.3	17.29	08484	058	22 27 04.3	−29 49 20.7	17.30	—
				469					
001	23 09 26.1	−28 48 39.9	11.84	01444	002	22 56 14.1	−30 45 43.0	14.36	08799
003	23 06 12.8	−31 07 47.2	14.92	01740	004	22 49 53.5	−29 19 17.5	15.13	11367
005	22 54 34.3	−31 43 23.7	15.40	09556	006	22 59 23.3	−32 22 13.9	15.44	08304
007	22 49 23.0	−28 52 25.3	15.53	12424	008	23 02 04.1	−30 41 19.6	15.62	08537
009	23 01 07.7	−29 00 41.4	15.66	01763	010	23 11 09.0	−29 51 27.4	15.74	08587
011	22 49 49.3	−30 07 17.9	15.75	04611	012	23 04 47.0	−27 36 46.8	15.78	08667
013	23 02 56.2	−32 25 25.3	15.83	17873	014	22 56 42.7	−32 02 42.7	16.02	17560
015	22 48 58.6	−29 42 41.8	16.15	11230	016	22 49 12.7	−31 36 10.6	16.19	20407
017	23 09 19.8	−31 10 57.0	16.24	32633	018	23 04 19.1	−28 21 56.9	16.27	—
019	23 04 49.0	−29 05 18.6	16.34	14843	020	22 50 12.6	−31 23 43.2	16.37	22953
021	23 03 59.2	−31 25 37.5	16.38	20950	022	22 50 35.9	−29 49 18.0	16.40	23750
023	23 03 10.2	−31 10 21.4	16.43	08517	024	23 10 51.8	−29 17 25.8	16.45	08740
025	22 58 07.2	−32 24 36.7	16.47	—	026	22 48 38.0	−30 13 23.9	16.49	13276
027	22 50 10.0	−28 59 55.3	16.55	20909	028	23 00 14.6	−29 44 55.2	16.58	15097
029	23 02 06.1	−30 32 37.5	16.59	21591	030	23 09 38.7	−27 56 38.9	16.62	—
031	23 07 32.5	−31 30 33.8	16.65	20187	032	23 01 44.2	−32 15 12.1	16.67	—
033	22 52 31.2	−31 38 39.1	16.71	—	034	23 11 14.9	−32 03 39.8	16.73	—
035	23 10 53.9	−28 39 02.1	16.74	—	036	23 09 41.0	−29 21 11.9	16.75	—
037	22 54 05.3	−28 58 15.5	16.77	12053	038	23 09 28.1	−28 42 14.1	16.79	—
039	23 00 42.8	−32 17 35.9	16.80	—	040	22 50 49.0	−29 39 29.3	16.83	23178
041	22 58 33.6	−28 22 57.3	16.85	24962	042	22 50 26.4	−30 19 41.3	16.87	13206
043	23 03 11.1	−31 00 29.8	16.88	08617	044	22 50 30.7	−30 24 03.4	16.90	—
045	23 06 52.5	−28 51 11.4	16.91	14907	046	23 03 17.0	−31 34 58.1	16.94	11415
047	23 10 23.5	−32 17 11.6	16.95	—	048	23 07 02.4	−29 29 53.5	16.96	—
049	22 48 35.0	−32 11 38.9	16.96	23350	050	22 53 49.9	−28 47 42.3	16.97	—
051	23 09 59.1	−29 46 42.1	16.99	—	052	22 58 44.5	−31 48 02.3	17.03	16395
053	23 08 41.0	−30 52 55.5	17.04	22565	054	22 54 01.5	−31 31 25.0	17.05	—
055	23 08 17.8	−29 38 51.9	17.06	31058	056	23 09 31.7	−27 45 38.6	17.06	31623
057	23 02 41.4	−32 27 54.2	17.07	—	058	22 56 07.6	−28 11 14.9	17.07	—
059	22 55 52.6	−28 49 09.4	17.09	—	060	22 59 41.3	−31 22 00.0	17.11	24999
061	22 51 27.6	−28 32 56.9	17.12	—	062	22 53 58.6	−30 50 27.4	17.12	24184
063	23 02 37.8	−28 34 30.8	17.13	—	064	22 52 11.7	−32 10 06.5	17.14	—
065	22 54 36.9	−29 01 41.7	17.14	—	066	23 01 17.4	−32 06 21.2	17.15	25154
067	23 10 05.4	−32 11 42.8	17.15	—	068	23 07 13.0	−31 20 30.5	17.16	16339
069	23 11 27.4	−31 13 26.1	17.17	—	070	23 08 54.5	−29 16 12.2	17.18	—
071	23 01 07.5	−29 23 46.5	17.18	21620	072	22 51 23.6	−30 13 43.4	17.19	—
073	23 08 07.4	−30 34 05.4	17.21	—	074	23 02 06.6	−30 50 39.1	17.21	—
075	23 01 15.6	−28 56 02.9	17.23	—	076	22 51 05.5	−30 32 50.7	17.24	—
077	23 00 45.5	−32 12 49.9	17.24	—	078	22 51 11.0	−31 44 29.0	17.25	—
079	22 55 18.8	−32 10 14.0	17.25	—	080	23 10 25.2	−29 15 17.7	17.26	—
081	22 59 18.2	−28 30 13.1	17.27	—	082	23 03 13.5	−32 12 45.6	17.27	—
083	23 10 18.2	−30 35 25.7	17.28	—	084	22 51 33.0	−30 32 10.0	17.29	—
085	23 00 53.1	−32 12 41.0	17.30	—					
				470					
001	23 21 07.2	−29 39 43.9	13.72	06989	002	23 29 46.8	−28 02 49.2	14.66	08755
003	23 19 52.8	−29 33 18.1	14.89	06852	004	23 28 17.4	−27 56 46.8	15.18	08530
005	23 16 44.3	−28 17 47.9	15.37	08504	006	23 29 36.4	−31 25 16.0	15.41	18218
007	23 28 21.7	−27 48 04.1	15.48	08420	008	23 15 33.9	−31 44 07.8	15.60	—
009	23 23 26.8	−32 07 33.8	15.78	18136	010	23 20 28.3	−29 02 11.4	15.88	13475
011	23 23 28.9	−30 48 51.8	15.98	18857	012	23 12 30.6	−28 11 06.4	16.02	08830
013	23 11 34.3	−29 28 19.6	16.05	14962	014	23 19 35.4	−29 39 29.2	16.08	15277
015	23 17 29.0	−29 47 56.5	16.11	15134	016	23 21 01.6	−30 15 21.3	16.28	15489
017	23 13 12.3	−30 51 58.9	16.33	—	018	23 33 33.7	−31 50 21.7	16.37	19805
019	23 26 08.4	−27 32 49.3	16.40	09555	020	23 25 14.2	−31 57 09.8	16.45	18911
021	23 28 37.9	−32 08 32.6	16.47	16373	022	23 24 22.9	−29 22 09.1	16.48	20710

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
023	23 32 32.8	−31 14 21.8	16.50	15671	024	23 33 05.6	−29 19 14.3	16.55	10203
025	23 27 25.2	−29 12 18.4	16.58	13248	026	23 31 00.8	−29 59 18.5	16.61	15147
027	23 29 50.5	−30 16 15.2	16.64	15394	028	23 24 12.0	−27 37 06.8	16.67	16018
029	23 28 30.9	−30 14 18.4	16.70	15376	030	23 23 30.7	−30 47 36.8	16.75	—
031	23 32 40.6	−29 15 03.8	16.79	15192	032	23 23 21.7	−32 00 56.1	16.81	—
033	23 30 54.4	−31 05 42.1	16.83	—	034	23 34 26.4	−30 40 54.7	16.86	—
035	23 20 20.1	−31 38 28.4	16.87	—	036	23 30 57.7	−29 02 44.7	16.88	14829
037	23 34 15.8	−30 26 29.2	16.90	18636	038	23 26 55.8	−31 38 59.3	16.92	10696
039	23 13 12.0	−28 12 31.5	16.95	—	040	23 14 43.8	−28 08 02.3	16.96	26554
041	23 30 45.6	−28 56 01.9	16.97	19638	042	23 31 47.4	−27 45 11.2	16.98	16193
043	23 18 00.7	−28 19 54.5	16.99	16427	044	23 12 35.6	−29 47 27.9	17.02	08666
045	23 21 16.2	−30 16 55.8	17.03	—	046	23 33 57.2	−31 40 13.1	17.05	19796
047	23 29 30.7	−27 55 29.6	17.05	07922	048	23 25 45.2	−29 25 11.4	17.07	20844
049	23 33 04.4	−30 36 41.3	17.08	—	050	23 16 53.8	−29 48 19.0	17.10	—
051	23 19 00.2	−31 24 42.4	17.11	—	052	23 32 02.2	−28 06 22.9	17.12	08295
053	23 17 43.9	−29 22 33.3	17.12	—	054	23 20 37.6	−29 00 16.8	17.13	—
055	23 24 58.2	−30 41 23.0	17.13	10467	056	23 33 44.7	−30 13 07.2	17.14	15295
057	23 31 15.7	−31 45 11.1	17.15	18753	058	23 13 43.3	−30 47 18.3	17.16	33775
059	23 29 36.4	−30 30 23.9	17.16	31340	060	23 22 43.0	−29 48 48.0	17.17	22449
061	23 16 54.5	−29 49 31.0	17.19	15345	062	23 26 58.4	−31 24 04.0	17.20	18541
063	23 16 47.1	−32 15 33.7	17.21	35721	064	23 33 49.1	−30 13 40.4	17.22	—
065	23 28 22.0	−27 55 05.7	17.23	—	066	23 27 33.1	−31 04 04.0	17.24	—
067	23 19 10.9	−31 04 58.4	17.25	—	068	23 19 15.2	−29 23 24.4	17.27	—
069	23 18 44.9	−31 47 28.1	17.28	28358	070	23 28 06.5	−27 40 35.2	17.29	—
				471					
001	23 45 08.2	−28 25 01.2	13.77	08587	002	23 49 01.5	−28 38 35.4	14.17	08321
003	23 49 56.4	−30 27 33.4	14.99	08745	004	23 38 52.8	−29 35 52.9	15.06	15628
005	23 44 52.8	−28 24 48.0	15.07	08210	006	23 44 00.6	−29 20 53.3	15.16	—
007	23 44 38.8	−28 14 08.2	15.20	08455	008	23 46 40.1	−29 18 28.8	15.30	10507
009	23 49 19.2	−28 12 29.8	15.34	08646	010	23 39 14.1	−28 18 07.0	15.35	08282
011	23 54 53.0	−30 44 19.6	15.40	—	012	23 45 47.5	−28 21 10.1	15.46	10153
013	23 56 05.2	−30 07 24.3	15.59	08946	014	23 45 20.2	−28 35 55.9	15.62	09966
015	23 49 49.0	−29 18 04.3	15.72	08606	016	23 48 56.0	−28 17 58.4	15.73	10242
017	23 50 44.6	−30 25 46.2	15.77	—	018	23 51 51.6	−29 09 57.5	15.82	08810
019	23 49 54.9	−28 37 15.5	15.84	08640	020	23 44 02.3	−28 59 17.2	15.90	19082
021	23 47 49.3	−28 13 06.6	15.94	08750	022	23 48 59.3	−28 20 59.4	16.03	—
023	23 55 10.2	−31 31 10.9	16.07	—	024	23 36 32.2	−31 50 52.4	16.09	15733
025	23 55 51.9	−32 01 50.3	16.09	17747	026	23 49 56.9	−30 16 46.0	16.11	—
027	23 48 23.6	−31 35 31.1	16.12	—	028	23 46 08.4	−29 16 20.6	16.13	10977
029	23 54 21.8	−27 36 43.5	16.14	—	030	23 52 26.5	−32 25 33.4	16.19	—
031	23 53 57.9	−31 18 05.7	16.32	—	032	23 48 34.2	−31 36 59.1	16.37	13140
033	23 34 58.7	−31 17 41.9	16.38	14943	034	23 50 48.4	−31 58 24.9	16.39	—
035	23 51 52.8	−27 47 57.5	16.41	15179	036	23 49 51.0	−27 55 01.6	16.43	08710
037	23 47 07.9	−29 38 58.8	16.44	09059	038	23 45 51.8	−28 54 45.9	16.45	10734
039	23 49 00.0	−28 21 26.5	16.47	—	040	23 49 45.8	−29 46 26.5	16.48	08902
041	23 38 29.0	−32 11 14.9	16.49	18268	042	23 45 50.4	−29 01 29.7	16.54	15599
043	23 44 19.0	−29 22 13.4	16.55	10391	044	23 52 21.4	−28 34 58.4	16.56	—
045	23 39 09.9	−31 06 51.8	16.57	—	046	23 43 41.1	−30 28 15.2	16.58	16393
047	23 56 26.4	−29 10 25.3	16.59	—	048	23 49 54.2	−31 14 07.3	16.60	—
049	23 54 05.8	−29 34 14.6	16.61	08795	050	23 56 48.0	−31 04 48.7	16.62	—
051	23 46 52.7	−30 41 56.7	16.63	13619	052	23 54 26.8	−28 28 10.4	16.63	—
053	23 42 32.4	−28 32 52.2	16.64	08265	054	23 48 40.1	−29 34 51.1	16.68	—
055	23 51 57.9	−31 07 15.5	16.70	—	056	23 47 10.5	−27 58 45.5	16.71	19360
057	23 50 15.9	−29 54 35.0	16.72	12824	058	23 40 51.0	−29 22 05.5	16.74	15294
059	23 35 38.5	−31 35 08.1	16.75	25845	060	23 46 22.4	−29 19 22.8	16.78	—
061	23 44 04.9	−28 22 39.4	16.79	17013	062	23 35 43.6	−31 46 35.1	16.80	15280
063	23 56 30.8	−29 24 07.9	16.80	—	064	23 52 29.7	−27 56 39.2	16.81	21006
065	23 46 24.1	−28 52 16.0	16.82	—	066	23 40 43.6	−31 09 16.8	16.83	—
067	23 56 32.0	−31 25 22.6	16.84	—	068	23 41 54.7	−28 07 00.6	16.85	22610
069	23 40 48.0	−32 06 56.2	16.88	16449	070	23 53 02.4	−27 31 41.7	16.89	—
071	23 42 19.0	−29 49 08.3	16.90	09625	072	23 38 04.7	−29 33 10.5	16.91	15565

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
073	23 43 15.9	−28 29 17.5	16.92	15547	074	23 49 00.2	−31 45 27.4	16.92	13131
075	23 57 16.7	−31 49 34.8	16.93	—	076	23 43 40.0	−27 47 13.9	16.94	08646
077	23 44 53.8	−27 54 21.6	16.95	—	078	23 43 19.8	−28 52 40.2	16.96	15614
079	23 48 00.2	−28 24 23.1	16.97	08767	080	23 44 21.5	−31 00 39.2	16.98	26369
081	23 52 43.2	−32 29 10.9	16.99	—	082	23 43 17.6	−28 35 45.9	17.00	—
083	23 47 20.4	−28 09 07.3	17.01	—	084	23 52 54.7	−28 09 42.5	17.02	—
085	23 53 55.2	−31 10 43.7	17.03	—	086	23 43 39.1	−31 27 22.3	17.04	—
087	23 53 56.6	−31 54 29.5	17.04	—	088	23 49 30.8	−29 23 33.7	17.05	—
089	23 51 23.9	−32 10 52.9	17.06	—	090	23 55 11.3	−29 52 57.6	17.06	—
091	23 39 14.9	−29 33 10.8	17.08	—	092	23 38 17.0	−30 32 46.9	17.09	—
093	23 52 02.8	−27 51 20.9	17.09	—	094	23 51 01.6	−28 31 47.5	17.11	—
095	23 39 17.6	−30 50 31.2	17.11	—	096	23 38 41.9	−31 19 40.0	17.12	—
097	23 40 54.5	−31 34 38.4	17.12	—	098	23 44 46.4	−28 15 12.3	17.13	—
099	23 39 17.3	−28 22 48.1	17.14	—	100	23 51 42.8	−29 28 38.2	17.15	—
101	23 52 32.4	−28 56 46.5	17.16	—	102	23 38 43.9	−30 27 08.1	17.17	—
103	23 56 49.7	−32 11 16.9	17.18	—	104	23 38 38.8	−29 30 05.0	17.18	—
105	23 56 25.9	−29 47 10.9	17.19	—	106	23 51 18.8	−27 37 43.7	17.20	—
107	23 42 27.6	−27 37 23.2	17.20	—	108	23 45 29.1	−29 41 21.5	17.21	—
109	23 47 32.3	−32 02 15.0	17.22	—	110	23 45 20.3	−28 13 54.0	17.23	—
111	23 57 07.2	−31 44 11.1	17.23	—	112	23 35 54.0	−29 19 45.6	17.25	—
113	23 49 58.8	−29 58 56.1	17.26	—	114	23 55 45.2	−32 00 45.7	17.26	—
115	23 47 42.1	−28 05 50.6	17.28	—	116	23 35 22.3	−31 15 17.7	17.28	—
117	23 37 48.4	−27 33 43.2	17.29	—	118	23 55 49.8	−30 04 17.4	17.30	—
					409				
001	00 05 48.4	−30 11 35.5	13.98	01476	002	23 59 58.8	−30 54 01.7	14.69	09080
003	00 03 57.0	−32 14 05.7	15.03	08583	004	00 02 26.6	−30 47 03.5	15.15	08281
005	00 09 14.9	−30 24 43.7	15.43	07720	006	00 02 29.5	−27 59 34.2	15.52	09872
007	00 10 31.7	−30 59 54.8	15.63	09238	008	00 02 58.2	−30 51 54.7	15.70	08565
009	00 09 36.5	−31 02 40.3	15.85	09546	010	23 59 02.2	−29 53 37.4	15.90	08285
011	00 00 28.0	−30 01 30.2	15.98	—	012	00 08 13.2	−30 14 30.7	16.06	07725
013	00 09 23.2	−29 00 31.2	16.15	19975	014	00 04 52.7	−28 51 19.6	16.23	—
015	00 05 17.9	−28 22 07.8	16.31	08427	016	23 58 21.4	−27 49 22.4	16.35	—
017	00 00 32.1	−30 08 41.9	16.36	18379	018	00 09 51.2	−29 34 06.8	16.39	16864
019	00 00 00.3	−31 00 47.9	16.40	18470	020	23 58 59.9	−28 41 48.1	16.42	19273
021	00 06 11.0	−31 43 57.3	16.47	16847	022	00 07 46.8	−28 06 46.9	16.48	—
023	00 07 44.9	−30 35 53.1	16.48	14528	024	00 04 53.0	−28 37 52.0	16.50	18366
025	00 06 32.3	−27 52 36.8	16.51	17892	026	23 59 42.9	−30 46 37.4	16.52	08721
027	23 58 25.1	−27 48 13.0	16.55	—	028	23 58 00.2	−30 24 14.2	16.58	17749
029	00 07 15.8	−31 28 20.3	16.61	—	030	00 04 22.3	−31 19 34.5	16.65	—
031	00 09 52.6	−29 28 51.7	16.67	16667	032	23 58 29.4	−29 35 11.1	16.70	—
033	23 58 05.6	−31 15 55.2	16.73	18388	034	00 08 08.4	−31 56 18.7	16.75	17934
035	23 59 43.1	−32 03 14.2	16.76	—	036	23 59 29.0	−27 31 56.8	16.78	11702
037	00 00 38.9	−31 02 00.9	16.82	—	038	23 57 39.5	−29 22 06.9	16.83	—
039	23 59 20.2	−30 27 25.3	16.84	—	040	00 05 05.0	−31 25 12.6	16.85	16916
041	00 07 42.2	−29 37 57.1	16.89	07427	042	00 03 36.7	−31 53 24.4	16.91	—
043	00 09 41.5	−31 33 39.3	16.93	—	044	00 05 16.5	−31 27 22.9	16.94	—
045	00 01 17.9	−28 11 23.3	16.95	19068	046	00 04 22.3	−31 03 16.5	16.97	—
047	23 59 14.5	−29 09 15.2	16.99	—	048	00 04 17.3	−31 53 07.7	17.01	12177
049	00 04 23.7	−28 07 31.6	17.06	18549	050	00 10 32.8	−31 21 03.3	17.07	18572
051	00 00 49.0	−31 06 31.6	17.07	29341	052	23 58 34.7	−28 05 23.1	17.08	18628
053	00 01 20.6	−29 03 30.8	17.08	20445	054	00 10 34.7	−29 37 41.0	17.11	—
055	23 58 40.9	−29 27 22.5	17.14	—	056	00 05 03.3	−27 57 53.3	17.15	—
057	00 10 42.5	−28 58 14.3	17.16	—	058	23 57 39.3	−27 54 41.1	17.17	18911
059	23 58 50.4	−29 25 29.4	17.18	—	060	00 02 36.6	−30 39 53.6	17.19	—
061	00 02 54.8	−29 09 20.0	17.22	18856	062	00 00 22.5	−30 12 18.8	17.22	—
063	23 57 59.3	−31 00 18.3	17.23	—	064	00 07 40.5	−30 36 00.2	17.24	—
065	00 05 53.2	−29 49 57.2	17.25	—	066	00 08 10.4	−32 23 49.8	17.27	—
067	00 10 54.8	−28 43 52.6	17.29	04292	068	23 57 49.9	−30 56 50.2	17.30	09505

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
				410					
001	00 31 47.1	−28 04 46.8	12.27	01671	002	00 31 42.9	−31 02 50.3	14.12	01536
003	00 26 34.8	−31 06 52.9	14.69	07340	004	00 28 17.0	−29 37 09.3	15.02	—
005	00 12 30.8	−28 50 53.3	15.48	—	006	00 31 51.8	−31 52 13.9	15.53	09513
007	00 24 09.3	−30 49 36.7	15.71	05981	008	00 28 09.3	−29 48 31.6	15.80	—
009	00 32 38.1	−28 32 50.1	15.94	07060	010	00 20 37.4	−28 25 35.3	16.02	18437
011	00 11 43.9	−31 56 12.2	16.10	06838	012	00 33 58.0	−28 34 28.6	16.14	—
013	00 33 18.1	−28 45 33.5	16.20	06997	014	00 16 25.5	−28 31 00.0	16.28	18731
015	00 34 04.2	−30 51 13.4	16.33	18081	016	00 33 47.2	−30 34 37.7	16.36	18140
017	00 32 32.3	−27 38 29.6	16.40	21909	018	00 13 37.4	−29 11 24.1	16.43	18145
019	00 33 22.4	−28 31 51.1	16.44	07179	020	00 16 08.1	−30 50 10.8	16.54	04681
021	00 33 33.2	−31 28 26.1	16.58	16117	022	00 11 40.6	−31 09 18.8	16.61	—
023	00 14 08.5	−28 03 12.7	16.62	32758	024	00 21 40.8	−30 07 46.6	16.70	—
025	00 19 18.7	−30 43 37.6	16.74	27013	026	00 21 40.6	−28 42 59.0	16.75	11821
027	00 31 37.3	−28 29 27.4	16.79	04958	028	00 34 26.6	−29 53 24.6	16.84	—
029	00 22 59.8	−29 32 48.8	16.85	10318	030	00 18 24.2	−28 32 23.7	16.88	—
031	00 20 20.1	−29 21 45.8	16.92	20791	032	00 14 49.0	−31 54 08.1	16.93	30998
033	00 17 51.5	−31 43 20.8	16.96	—	034	00 28 52.1	−29 25 29.1	16.97	28783
035	00 13 28.6	−31 09 35.8	17.01	—	036	00 15 57.1	−31 00 52.3	17.03	18631
037	00 27 44.5	−29 53 28.1	17.04	29459	038	00 19 44.5	−31 11 44.8	17.05	32105
039	00 31 35.8	−30 38 40.1	17.08	—	040	00 20 35.6	−30 20 46.4	17.09	—
041	00 22 12.4	−27 35 14.1	17.10	—	042	00 30 56.3	−30 53 46.1	17.11	—
043	00 31 43.3	−28 52 38.3	17.12	33789	044	00 25 53.9	−31 13 56.8	17.14	15350
045	00 14 40.9	−28 31 27.8	17.15	16810	046	00 33 54.2	−29 43 08.3	17.16	16055
047	00 13 50.6	−32 03 01.5	17.17	—	048	00 32 36.0	−30 34 23.9	17.18	01905
049	00 12 01.7	−32 05 58.5	17.21	—	050	00 29 58.5	−29 16 30.0	17.22	28903
051	00 31 36.8	−29 39 32.2	17.23	18471	052	00 16 28.9	−32 12 25.1	17.23	—
053	00 16 41.1	−29 59 02.0	17.24	—	054	00 25 08.2	−28 09 22.9	17.24	—
055	00 23 21.5	−30 41 26.6	17.25	—	056	00 27 17.4	−30 31 59.2	17.27	07487
057	00 31 39.2	−30 17 42.0	17.28	—	058	00 17 16.5	−32 16 40.7	17.28	—
059	00 17 18.0	−30 29 39.8	17.29	—	060	00 34 19.3	−28 37 33.8	17.29	—
061	00 12 36.0	−28 30 41.2	17.30	—					
				411					
001	00 55 21.8	−27 46 16.2	13.15	05573	002	00 54 28.7	−32 14 00.4	14.49	05798
003	00 48 17.7	−31 39 21.9	14.77	06262	004	00 36 51.3	−30 13 12.4	14.94	07298
005	00 42 16.0	−32 28 07.0	15.13	—	006	00 47 53.5	−30 45 29.2	15.32	12938
007	00 41 49.0	−28 54 21.1	15.43	13047	008	00 52 20.3	−31 17 41.3	15.59	09991
009	00 54 55.3	−31 12 28.5	15.70	09443	010	00 36 10.6	−28 17 32.7	15.80	17275
011	00 37 07.3	−30 36 57.4	15.81	—	012	00 46 05.9	−30 54 47.5	15.90	—
013	00 47 16.5	−30 34 03.8	15.94	14418	014	00 41 07.2	−30 50 41.6	15.98	14424
015	00 42 16.3	−31 00 27.6	16.00	21424	016	00 45 34.1	−32 14 31.2	16.02	01730
017	00 45 48.5	−30 57 32.0	16.09	13056	018	00 48 59.7	−29 36 43.5	16.18	—
019	00 44 25.3	−31 48 51.4	16.25	01703	020	00 37 37.7	−32 23 24.8	16.27	09337
021	00 40 26.4	−28 44 36.2	16.31	24742	022	00 35 44.2	−27 49 04.0	16.33	18276
023	00 40 45.8	−32 00 01.4	16.36	09936	024	00 37 34.2	−29 56 10.2	16.38	13233
025	00 35 11.0	−27 44 28.7	16.45	18527	026	00 47 17.7	−31 43 02.0	16.47	24615
027	00 52 53.2	−31 35 32.9	16.48	09929	028	00 51 19.1	−27 52 33.0	16.49	22615
029	00 54 57.5	−29 43 07.2	16.50	23165	030	00 55 22.0	−28 33 10.9	16.55	15569
031	00 53 54.8	−29 21 25.6	16.58	22699	032	00 37 29.8	−27 50 56.7	16.61	—
033	00 49 53.1	−27 37 02.8	16.62	11791	034	00 49 13.5	−28 46 04.7	16.67	32607
035	00 54 20.6	−29 18 57.8	16.70	—	036	00 37 10.2	−29 10 50.0	16.72	33599
037	00 36 50.8	−31 13 53.9	16.75	17873	038	00 50 32.2	−29 38 55.4	16.75	34821
039	00 57 24.6	−29 17 38.3	16.77	—	040	00 45 58.2	−30 39 49.1	16.79	—
041	00 37 29.1	−29 11 02.5	16.79	34331	042	00 52 33.4	−32 11 22.4	16.82	20211
043	00 56 30.4	−30 29 20.3	16.83	10146	044	00 40 40.0	−32 24 20.0	16.86	—
045	00 44 31.7	−29 07 56.7	16.87	22225	046	00 38 33.5	−29 54 46.3	16.90	33572
047	00 40 43.0	−31 28 56.9	16.93	26605	048	00 47 01.2	−31 05 11.8	16.95	17594
049	00 49 42.5	−31 54 43.2	16.97	—	050	00 46 01.6	−29 28 46.1	16.98	14443
051	00 36 03.2	−29 24 59.6	16.99	—	052	00 56 30.8	−30 43 29.5	17.01	—
053	00 53 16.6	−29 04 25.6	17.03	22566	054	00 43 25.1	−29 39 05.4	17.04	16290

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
055	00 37 34.5	−29 10 35.4	17.06	—	056	00 38 09.1	−29 02 44.0	17.07	—
057	00 50 47.7	−27 55 05.6	17.08	—	058	00 52 32.9	−31 17 17.5	17.09	—
059	00 48 24.8	−31 07 28.9	17.11	—	060	00 40 29.7	−30 32 03.9	17.11	18934
061	00 51 26.6	−31 59 21.7	17.13	—	062	00 46 58.1	−29 47 33.4	17.15	—
063	00 37 35.7	−29 34 06.5	17.16	—	064	00 50 03.0	−28 26 49.2	17.17	—
065	00 54 11.0	−31 09 13.6	17.19	23419	066	00 35 28.3	−28 57 56.7	17.20	—
067	00 54 02.4	−29 21 39.4	17.20	—	068	00 54 09.4	−31 37 35.3	17.21	—
069	00 49 05.5	−29 46 48.9	17.22	—	070	00 46 50.0	−27 31 22.7	17.23	—
071	00 35 40.8	−29 21 20.8	17.23	—	072	00 40 51.2	−28 56 26.0	17.24	—
073	00 48 43.2	−28 45 37.9	17.25	—	074	00 53 56.6	−27 59 18.2	17.26	—
075	00 54 25.1	−31 31 31.5	17.28	—	076	00 50 17.2	−29 01 26.0	17.29	—
077	00 55 47.3	−29 57 17.0	17.30	—					
				412					
001	01 11 26.5	−32 00 45.1	12.91	05722	002	01 08 39.1	−30 42 16.2	13.56	05940
003	01 03 49.3	−30 26 44.7	14.06	09607	004	01 10 36.0	−31 42 55.0	15.01	05571
005	01 18 28.2	−31 22 35.7	15.05	09454	006	01 09 58.3	−32 19 38.5	15.29	10179
007	01 14 20.5	−31 41 51.3	15.42	10524	008	01 11 32.9	−32 28 53.0	15.46	05985
009	01 03 47.5	−30 44 32.0	15.58	06907	010	01 11 22.4	−32 06 30.2	15.66	06242
011	01 10 28.5	−31 27 54.5	15.68	05543	012	01 15 55.0	−31 02 11.5	15.71	10780
013	01 20 12.2	−30 14 37.6	15.85	11112	014	00 57 56.0	−30 10 55.0	15.93	09883
015	01 08 42.9	−32 26 12.3	16.08	10559	016	01 11 07.1	−30 29 26.3	16.11	05660
017	01 15 47.4	−31 10 12.0	16.14	—	018	01 03 43.2	−30 39 55.6	16.21	10080
019	01 05 13.1	−31 18 44.2	16.23	09557	020	01 09 28.7	−31 43 23.1	16.32	09864
021	01 15 52.1	−30 10 55.6	16.38	11319	022	01 00 15.6	−29 17 29.3	16.46	17316
023	01 10 23.4	−31 22 19.1	16.50	—	024	01 19 09.8	−30 12 15.2	16.53	10915
025	01 07 18.1	−30 48 04.4	16.55	24579	026	00 57 35.9	−27 40 54.2	16.58	—
027	01 11 17.1	−31 55 05.0	16.62	05683	028	01 14 28.7	−28 54 37.2	16.65	18687
029	01 09 00.8	−31 43 26.9	16.70	05685	030	01 09 06.6	−31 43 45.0	16.72	—
031	01 16 52.9	−29 17 37.5	16.76	08634	032	01 11 06.6	−32 03 28.6	16.79	05868
033	01 17 21.4	−31 10 35.5	16.82	17350	034	01 20 26.6	−30 48 11.3	16.83	17942
035	01 03 05.2	−29 06 11.5	16.84	—	036	01 18 54.2	−30 02 51.6	16.88	20377
037	01 11 24.1	−31 54 32.9	16.92	05840	038	01 12 55.1	−28 10 52.7	16.94	11247
039	00 57 51.6	−31 00 52.0	16.96	—	040	01 09 47.2	−32 08 30.1	16.99	05737
041	01 09 38.5	−30 19 02.0	17.02	26801	042	00 58 20.1	−27 44 00.1	17.03	—
043	00 57 34.7	−30 45 19.0	17.06	09807	044	01 04 17.7	−30 27 28.7	17.07	27423
045	01 20 00.8	−28 20 11.2	17.08	24515	046	01 14 39.0	−27 55 07.1	17.11	17732
047	01 08 23.8	−31 14 23.9	17.12	05535	048	01 03 59.1	−27 39 01.2	17.13	15911
049	01 20 17.0	−31 01 07.8	17.14	—	050	01 12 12.9	−31 26 56.8	17.16	05773
051	00 59 08.4	−30 38 34.3	17.18	—	052	01 10 58.2	−31 35 10.8	17.19	—
053	01 20 24.9	−31 33 03.7	17.20	—	054	01 12 26.6	−28 55 49.4	17.21	—
055	01 18 56.3	−31 01 22.6	17.23	09133	056	00 57 48.2	−29 48 34.6	17.24	10025
057	01 11 26.4	−32 04 32.8	17.25	—	058	01 14 30.7	−31 22 06.0	17.26	10633
059	00 58 25.6	−28 26 26.5	17.28	29041	060	01 11 13.1	−30 59 46.9	17.29	17028
061	00 58 49.2	−27 32 52.1	17.30	—					
				413					
001	01 31 59.7	−29 40 23.0	11.00	01757	002	01 38 03.3	−29 09 57.5	14.07	05371
003	01 36 30.7	−32 04 33.1	15.01	08958	004	01 26 37.1	−32 16 17.9	15.26	06291
005	01 37 38.1	−28 12 34.0	15.49	17026	006	01 43 29.4	−28 09 57.6	15.56	08998
007	01 30 03.4	−31 20 57.1	15.65	21276	008	01 20 34.9	−31 02 48.1	15.76	09483
009	01 28 35.7	−27 57 46.9	15.86	06032	010	01 25 00.7	−28 59 36.2	16.09	11432
011	01 20 34.0	−28 15 10.8	16.14	16047	012	01 39 37.2	−28 47 59.3	16.19	11576
013	01 25 04.3	−28 37 11.6	16.25	10184	014	01 35 56.0	−28 53 20.6	16.34	09111
015	01 30 30.4	−29 34 12.7	16.41	19372	016	01 40 19.7	−31 03 44.4	16.43	15043
017	01 40 10.9	−28 48 13.9	16.48	—	018	01 22 17.1	−30 02 11.7	16.49	—
019	01 34 29.4	−28 34 48.3	16.51	16000	020	01 29 08.8	−31 30 39.7	16.54	09135
021	01 30 52.0	−29 12 46.8	16.59	10086	022	01 21 31.0	−30 18 32.2	16.63	07400
023	01 42 40.6	−27 37 17.5	16.65	—	024	01 24 20.0	−28 40 48.0	16.66	09344
025	01 35 16.1	−28 08 54.8	16.66	11681	026	01 21 24.8	−27 51 09.6	16.70	28481
027	01 25 20.7	−32 22 16.6	16.76	18018	028	01 42 33.0	−28 26 46.9	16.78	09283

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
029	01 33 14.7	−29 20 07.3	16.79	12689	030	01 24 13.9	−31 47 41.1	16.80	31894
031	01 21 30.3	−30 39 28.2	16.83	29821	032	01 27 56.9	−28 51 51.5	16.85	09927
033	01 30 28.6	−29 34 00.0	16.86	19125	034	01 41 28.8	−29 31 23.7	16.90	—
035	01 27 29.1	−29 47 20.2	16.91	21023	036	01 41 40.6	−30 24 23.6	16.94	17762
037	01 24 27.6	−28 25 52.6	16.94	21229	038	01 41 41.6	−30 24 47.6	16.97	17867
039	01 32 10.8	−31 48 21.1	16.98	20418	040	01 28 06.3	−28 43 27.4	16.99	20680
041	01 33 33.9	−29 38 30.1	17.01	21879	042	01 29 00.1	−29 26 14.5	17.03	11094
043	01 26 40.0	−29 17 52.1	17.06	26162	044	01 30 11.6	−31 19 04.9	17.08	—
045	01 31 13.8	−30 38 43.2	17.09	21420	046	01 21 35.4	−31 23 42.8	17.10	32778
047	01 35 21.9	−28 52 16.1	17.13	—	048	01 21 13.8	−30 10 17.7	17.14	—
049	01 30 05.9	−31 20 24.2	17.16	—	050	01 21 34.3	−28 38 59.6	17.17	16036
051	01 22 13.9	−31 37 36.6	17.19	—	052	01 22 19.0	−31 05 13.2	17.19	—
053	01 37 58.2	−28 11 04.2	17.20	—	054	01 39 44.2	−29 34 34.4	17.23	12287
055	01 35 28.2	−28 50 37.4	17.23	—	056	01 41 42.9	−28 04 53.8	17.24	—
057	01 29 44.9	−28 26 47.9	17.26	17106	058	01 31 31.7	−29 05 33.8	17.28	13674
059	01 26 26.0	−29 54 19.9	17.28	28488					
				414					
001	01 53 25.9	−30 10 00.9	13.42	04412	002	01 56 55.5	−28 03 10.6	14.50	04769
003	01 43 37.4	−29 17 17.3	14.86	05867	004	01 59 01.6	−31 58 13.1	15.04	05520
005	02 03 52.7	−30 28 40.6	15.51	10646	006	02 01 16.2	−29 59 17.7	15.59	12667
007	01 47 39.5	−28 01 32.7	15.66	13384	008	01 58 42.0	−32 09 43.3	15.74	05450
009	02 00 29.3	−29 36 14.0	15.82	18407	010	01 47 38.9	−28 03 58.2	16.01	12945
011	01 59 05.5	−31 27 14.0	16.06	—	012	01 53 14.5	−31 20 58.9	16.15	08276
013	01 52 20.0	−30 55 16.6	16.20	20414	014	02 02 24.5	−29 16 35.6	16.22	—
015	01 44 47.8	−31 47 38.5	16.25	08684	016	01 53 09.3	−30 34 07.1	16.31	—
017	01 43 43.1	−29 35 15.1	16.39	—	018	01 57 23.8	−29 43 31.5	16.48	03074
019	02 00 41.8	−27 41 38.1	16.51	22906	020	01 56 00.4	−30 49 21.1	16.52	17166
021	02 05 25.2	−27 51 24.1	16.54	20837	022	01 48 52.6	−27 58 03.5	16.58	18310
023	01 53 27.5	−31 58 10.7	16.64	—	024	01 51 11.4	−32 10 55.5	16.70	10383
025	01 45 17.1	−30 30 39.1	16.74	12892	026	01 49 37.7	−27 36 27.4	16.82	27328
027	01 57 47.1	−31 28 45.8	16.84	37381	028	01 49 05.3	−28 12 09.2	16.86	—
029	01 48 43.9	−29 09 17.1	16.87	—	030	01 45 18.0	−31 51 45.9	16.90	18390
031	01 57 25.8	−31 15 45.4	16.93	—	032	02 05 34.6	−31 12 43.3	16.95	—
033	01 53 59.2	−27 54 34.8	16.96	19320	034	01 44 59.2	−28 51 55.9	16.97	18613
035	01 51 33.4	−31 35 14.5	16.97	19526	036	02 02 38.4	−29 26 20.9	17.00	—
037	01 57 05.9	−28 08 46.8	17.00	17758	038	02 01 42.2	−31 17 32.3	17.02	20203
039	02 03 37.1	−30 43 24.4	17.03	08557	040	01 57 59.9	−29 29 18.0	17.04	04767
041	01 44 48.0	−29 51 30.9	17.07	10957	042	01 56 06.7	−27 49 21.0	17.09	25263
043	01 56 37.6	−31 06 52.2	17.10	04939	044	01 55 21.5	−28 19 53.6	17.13	22074
045	02 05 15.7	−29 47 47.7	17.15	11638	046	01 47 33.0	−29 00 28.1	17.16	27970
047	01 51 55.8	−28 06 38.8	17.16	17885	048	01 44 38.0	−30 18 35.6	17.16	18367
049	02 06 23.0	−28 15 36.1	17.18	18146	050	02 04 14.7	−30 12 40.5	17.19	—
051	02 00 39.6	−30 40 09.7	17.21	—	052	02 00 12.8	−29 01 43.5	17.22	25510
053	01 59 21.9	−31 31 29.1	17.24	—	054	02 05 18.0	−32 27 37.8	17.27	—
055	01 50 57.5	−29 08 05.6	17.29	18185					
				415					
001	02 13 38.7	−31 26 00.6	13.10	03455	002	02 28 27.6	−31 49 03.7	14.68	04635
003	02 12 01.5	−31 22 56.2	14.94	03734	004	02 14 27.3	−30 10 54.3	15.21	03765
005	02 08 44.5	−31 50 04.4	15.53	12747	006	02 12 04.9	−32 17 12.1	15.66	03492
007	02 26 16.7	−32 18 34.2	15.76	—	008	02 12 38.4	−30 06 13.9	15.82	—
009	02 23 33.2	−29 50 26.8	15.86	18674	010	02 07 53.3	−31 56 53.5	15.97	04489
011	02 15 33.5	−28 01 10.6	16.00	17665	012	02 08 28.9	−31 39 22.4	16.13	12643
013	02 09 09.9	−30 36 44.0	16.13	11631	014	02 22 12.9	−28 35 29.4	16.24	—
015	02 18 16.2	−32 11 51.4	16.33	—	016	02 16 54.4	−28 44 18.5	16.36	—
017	02 17 47.8	−28 50 30.0	16.39	17924	018	02 21 20.9	−29 07 31.4	16.43	18382
019	02 22 43.3	−28 28 51.0	16.48	10006	020	02 10 24.6	−30 00 56.8	16.50	10552
021	02 28 06.6	−29 36 25.1	16.51	—	022	02 18 31.4	−28 42 28.8	16.56	17888
023	02 27 12.8	−29 25 58.3	16.59	—	024	02 14 06.2	−30 17 58.7	16.62	19657
025	02 22 33.7	−27 55 07.0	16.64	—	026	02 15 55.4	−28 06 44.7	16.66	08032

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
027	02 26 20.5	−29 44 39.3	16.67	17992	028	02 19 54.7	−30 32 41.5	16.68	—
029	02 20 11.3	−32 24 10.7	16.71	—	030	02 25 21.9	−29 43 35.8	16.71	17917
031	02 09 44.4	−30 41 48.3	16.73	12539	032	02 21 36.0	−29 39 12.9	16.75	—
033	02 09 48.4	−29 15 50.1	16.77	10732	034	02 12 59.7	−28 32 14.4	16.78	—
035	02 16 09.5	−30 09 02.3	16.83	23770	036	02 24 42.4	−29 41 33.0	16.85	—
037	02 25 12.1	−28 09 09.1	16.87	—	038	02 09 06.2	−29 31 35.0	16.89	14529
039	02 26 59.3	−29 46 58.0	16.91	17996	040	02 28 44.5	−31 39 50.4	16.93	24304
041	02 26 50.1	−29 57 02.3	16.94	—	042	02 11 55.0	−30 40 46.2	16.95	—
043	02 12 53.8	−28 23 37.0	16.96	—	044	02 10 40.7	−30 02 05.1	16.98	—
045	02 20 04.5	−31 36 14.0	17.03	08152	046	02 08 11.4	−28 02 09.5	17.04	—
047	02 19 44.9	−28 53 01.1	17.08	—	048	02 16 50.1	−27 55 53.6	17.10	17380
049	02 10 19.8	−31 11 56.3	17.11	—	050	02 15 37.1	−28 03 25.8	17.12	—
051	02 25 40.3	−27 59 30.1	17.13	—	052	02 22 04.8	−29 30 44.0	17.14	—
053	02 14 36.2	−32 02 08.6	17.16	—	054	02 14 37.6	−31 18 33.5	17.18	21562
055	02 11 55.3	−31 28 40.5	17.18	18247	056	02 10 21.4	−31 41 01.0	17.20	17823
057	02 22 17.0	−31 27 27.2	17.23	—	058	02 11 36.9	−31 32 57.5	17.24	—
059	02 16 19.6	−27 37 16.0	17.25	—	060	02 10 40.7	−31 53 15.7	17.27	—
061	02 16 46.7	−30 19 32.8	17.29	—	062	02 18 59.6	−32 06 21.9	17.30	—
					416				
001	02 41 35.1	−29 12 49.6	12.88	01493	002	02 47 02.0	−31 29 48.8	14.67	—
003	02 46 57.4	−31 22 49.6	14.72	05866	004	02 47 28.8	−30 47 05.0	14.80	01179
005	02 46 34.6	−31 44 35.1	15.00	04992	006	02 50 20.6	−30 58 50.8	15.05	06730
007	02 39 32.1	−27 31 08.3	15.19	—	008	02 46 31.6	−27 40 05.2	15.51	06952
009	02 49 13.9	−30 59 13.2	15.63	—	010	02 34 46.8	−29 24 26.2	15.69	04874
011	02 44 20.3	−28 18 03.1	15.96	—	012	02 49 27.6	−30 25 00.8	16.06	05740
013	02 30 23.6	−29 54 55.1	16.12	05075	014	02 31 38.4	−30 19 41.5	16.16	—
015	02 47 08.3	−31 15 31.5	16.22	—	016	02 36 32.7	−31 33 45.8	16.31	04929
017	02 41 27.3	−29 50 31.5	16.37	06659	018	02 46 11.8	−27 31 23.6	16.42	—
019	02 29 43.7	−28 03 55.5	16.44	—	020	02 29 51.8	−29 49 23.6	16.48	04932
021	02 40 37.8	−27 55 45.2	16.56	—	022	02 32 40.1	−27 40 15.7	16.59	—
023	02 29 45.6	−32 11 29.0	16.65	—	024	02 35 36.7	−28 45 41.8	16.72	—
025	02 30 55.7	−32 08 24.6	16.74	—	026	02 33 33.9	−30 39 18.6	16.75	—
027	02 47 49.5	−31 29 38.9	16.77	—	028	02 40 07.9	−28 03 59.2	16.82	—
029	02 32 31.7	−28 30 40.3	16.85	15121	030	02 50 11.0	−31 08 51.3	16.87	—
031	02 41 19.4	−27 40 57.4	16.88	—	032	02 33 50.6	−28 45 05.1	16.91	—
033	02 39 15.8	−29 45 19.8	16.93	—	034	02 40 54.7	−32 15 56.1	16.98	04491
035	02 35 03.4	−27 56 20.6	17.01	—	036	02 44 23.7	−32 14 01.6	17.02	—
037	02 47 50.8	−31 22 60.0	17.03	06130	038	02 30 16.4	−30 20 05.5	17.04	—
039	02 50 48.6	−29 50 46.7	17.05	—	040	02 46 22.4	−31 35 07.6	17.10	—
041	02 47 52.0	−29 57 56.2	17.10	—	042	02 50 40.9	−28 16 50.5	17.14	—
043	02 44 26.8	−31 45 20.0	17.19	—	044	02 29 36.9	−30 05 17.6	17.21	16308
045	02 35 13.2	−28 29 33.8	17.23	—	046	02 44 09.6	−28 32 47.0	17.24	—
047	02 32 58.5	−31 01 25.2	17.25	—	048	02 50 06.6	−27 41 02.2	17.26	—
049	02 45 20.9	−32 01 29.1	17.27	06838	050	02 36 39.0	−29 24 11.6	17.29	—
051	02 41 16.6	−29 52 32.5	17.29	—					
					417				
001	02 53 30.8	−27 37 30.8	13.48	05272	002	02 54 17.0	−32 23 13.9	14.46	05010
003	02 59 07.1	−28 39 50.1	14.58	06571	004	03 07 53.9	−31 19 45.5	14.67	04781
005	03 02 59.3	−27 31 50.6	15.22	06048	006	02 53 08.7	−30 02 07.2	15.54	06694
007	03 03 37.2	−28 54 37.2	15.73	—	008	03 13 22.9	−31 42 16.2	15.92	20068
009	03 14 33.0	−31 10 17.7	16.16	18730	010	03 02 41.1	−28 14 20.9	16.27	12500
011	03 10 45.3	−31 40 24.2	16.36	04132	012	03 06 27.8	−31 55 16.6	16.53	19978
013	03 10 22.1	−28 28 37.1	16.56	19615	014	03 13 48.1	−29 43 06.6	16.58	—
015	03 01 15.4	−28 30 15.8	16.59	—	016	03 10 03.6	−29 39 27.1	16.65	20251
017	03 06 45.4	−28 07 05.9	16.67	20598	018	03 03 27.5	−27 37 34.4	16.69	15141
019	02 57 26.8	−30 55 14.0	16.70	19208	020	03 07 56.5	−30 31 00.5	16.73	20665
021	03 05 33.0	−29 34 34.5	16.78	21249	022	03 11 44.4	−30 20 14.7	16.79	16381
023	03 06 06.3	−31 45 50.6	16.81	19961	024	03 03 09.7	−29 06 09.2	16.85	—
025	03 02 59.4	−30 11 33.0	16.87	16219	026	03 10 08.9	−28 04 51.6	16.89	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
027	03 00 16.3	−32 22 50.1	16.92	16930	028	03 13 59.2	−31 08 42.3	16.94	18579
029	03 14 08.5	−29 24 50.5	17.01	20977	030	03 06 10.8	−31 07 29.3	17.03	—
031	03 06 15.8	−28 59 46.0	17.04	—	032	03 14 34.4	−29 02 51.3	17.06	06900
033	03 13 28.6	−32 02 29.5	17.09	20036	034	03 04 07.2	−31 23 05.9	17.10	19440
035	03 04 51.2	−30 51 30.7	17.11	18305	036	03 07 50.4	−29 42 12.1	17.12	20508
037	03 14 31.7	−29 19 38.5	17.13	—	038	03 09 44.8	−28 26 18.6	17.16	19766
039	03 13 11.2	−32 16 03.5	17.19	—	040	03 12 12.0	−29 08 27.1	17.20	—
041	03 12 18.5	−29 01 13.4	17.22	19579	042	03 04 18.3	−28 48 34.3	17.22	—
043	02 59 29.7	−29 27 45.9	17.25	17996	044	02 58 50.3	−32 24 09.2	17.26	—
045	03 14 26.4	−31 18 37.8	17.27	—	046	03 05 36.5	−27 40 04.8	17.28	21939
047	03 08 18.5	−30 25 21.5	17.30	—					
				404					
001	21 54 09.5	−34 49 14.1	12.89	02717	002	22 00 53.1	−32 31 38.5	13.51	02478
003	21 59 11.1	−33 07 40.3	14.31	04251	004	22 09 37.8	−36 11 01.3	14.53	09707
005	21 51 16.9	−34 03 37.2	14.66	04900	006	22 08 47.2	−34 07 57.8	14.84	02661
007	22 04 30.4	−33 37 35.9	14.92	02769	008	21 59 02.9	−36 15 39.3	15.15	09586
009	22 10 56.0	−33 38 48.7	15.32	04247	010	22 11 08.8	−36 55 44.3	15.34	—
011	21 55 21.7	−34 32 51.7	15.46	10574	012	21 52 47.6	−34 53 50.3	15.47	04683
013	21 57 14.6	−37 11 37.9	15.57	16540	014	22 07 05.7	−33 04 32.8	15.62	14015
015	22 05 46.6	−35 16 12.1	15.68	09235	016	22 08 43.8	−35 32 43.7	15.89	17625
017	22 11 15.4	−36 56 36.7	15.96	—	018	22 11 57.3	−34 20 32.1	16.00	08347
019	22 08 52.1	−34 07 49.3	16.10	—	020	22 11 49.0	−36 02 41.3	16.19	03734
021	22 06 29.0	−36 08 28.1	16.25	17554	022	22 10 47.5	−35 34 34.1	16.31	03933
023	21 49 33.0	−33 14 27.6	16.33	—	024	22 07 44.0	−34 49 42.9	16.35	08305
025	21 49 41.5	−37 17 58.5	16.37	—	026	22 03 41.3	−36 52 12.6	16.40	27468
027	22 06 19.6	−33 57 06.6	16.41	—	028	22 07 45.2	−32 54 31.8	16.42	12853
029	21 59 18.0	−32 30 57.3	16.44	—	030	22 06 29.7	−34 53 04.6	16.47	08450
031	22 04 36.0	−36 44 27.0	16.48	—	032	21 59 55.1	−32 49 07.3	16.49	02221
033	22 08 21.8	−35 20 38.5	16.50	09440	034	22 11 38.2	−34 03 21.9	16.52	08384
035	22 06 24.8	−35 26 38.4	16.53	08208	036	21 55 51.6	−37 15 48.5	16.58	—
037	22 05 26.8	−33 55 15.2	16.61	18321	038	21 53 00.6	−34 44 45.3	16.62	—
039	22 08 02.8	−32 38 11.5	16.63	10622	040	22 11 01.6	−34 35 58.3	16.66	17624
041	21 59 06.5	−36 37 29.7	16.68	17185	042	21 49 57.9	−34 31 09.6	16.69	—
043	22 11 56.4	−37 10 14.2	16.74	10742	044	22 04 50.8	−32 49 42.5	16.74	17700
045	22 08 39.9	−32 50 39.9	16.76	—	046	21 53 14.6	−34 54 01.8	16.77	04895
047	22 10 23.3	−36 13 38.5	16.82	—	048	22 02 57.2	−37 11 49.5	16.83	—
049	21 48 20.9	−32 38 16.6	16.86	—	050	22 11 03.3	−36 46 18.3	16.87	09632
051	22 02 57.2	−37 11 50.0	16.88	—	052	22 06 38.0	−36 55 27.2	16.90	17305
053	21 57 37.2	−35 26 59.8	16.91	10755	054	22 10 03.4	−34 57 49.1	16.92	—
055	22 08 56.2	−37 22 31.4	16.94	17216	056	21 51 21.6	−32 50 00.6	16.95	—
057	22 01 29.3	−35 38 40.2	16.95	27226	058	22 11 23.8	−37 08 49.5	16.96	17189
059	21 49 09.2	−34 31 16.1	16.97	—	060	22 01 17.2	−33 32 27.1	16.98	09541
061	22 04 07.2	−34 22 08.8	17.00	16276	062	22 05 09.2	−34 09 43.6	17.01	04345
063	22 09 34.7	−35 19 13.7	17.02	—	064	21 54 08.9	−35 51 07.5	17.03	20564
065	22 07 54.0	−35 19 11.4	17.05	04894	066	22 06 09.2	−36 34 40.5	17.06	—
067	22 06 31.4	−35 35 50.6	17.07	—	068	21 48 01.2	−35 27 08.2	17.08	—
069	22 00 33.2	−34 38 49.5	17.10	—	070	22 06 00.4	−35 30 13.4	17.11	—
071	22 06 24.9	−35 53 00.6	17.12	—	072	22 07 35.0	−36 02 30.9	17.13	—
073	22 09 08.2	−36 26 46.3	17.15	—	074	21 53 32.7	−33 53 03.3	17.15	—
075	22 07 15.4	−36 03 59.3	17.17	—	076	21 56 55.3	−35 47 19.0	17.18	—
077	21 53 10.2	−33 40 25.4	17.19	—	078	21 59 00.5	−33 35 32.2	17.21	—
079	22 07 54.3	−33 22 00.2	17.22	—	080	22 10 21.9	−36 13 38.0	17.22	—
081	21 56 44.8	−32 35 15.4	17.23	—	082	22 05 52.5	−35 13 29.9	17.24	—
083	22 03 37.0	−36 34 00.8	17.25	—	084	22 03 07.8	−34 12 38.3	17.26	—
085	22 10 52.9	−37 13 43.1	17.27	—	086	22 04 45.8	−35 39 51.5	17.27	—
087	21 56 00.2	−32 33 36.4	17.28	—	088	22 07 09.2	−33 43 37.6	17.29	—
089	21 50 38.6	−36 49 22.6	17.30	—					
				405					
001	22 13 13.2	−37 05 35.8	12.77	03343	002	22 26 27.7	−35 43 41.0	14.36	08458

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
003	22 13 53.3	−36 38 59.5	14.71	03500	004	22 19 00.2	−35 27 28.8	14.91	03422
005	22 18 36.6	−37 17 03.0	15.15	09276	006	22 23 06.3	−32 44 13.6	15.45	03278
007	22 33 00.9	−35 06 23.1	15.65	26770	008	22 26 06.4	−36 41 27.8	15.67	12965
009	22 23 39.2	−34 28 00.4	15.77	08974	010	22 32 39.5	−37 24 09.2	15.88	08667
011	22 18 39.3	−32 50 08.4	15.99	04136	012	22 23 17.7	−34 58 24.1	16.03	17724
013	22 26 34.8	−33 16 40.7	16.07	08581	014	22 32 46.3	−34 53 47.1	16.15	17766
015	22 14 14.7	−33 18 49.9	16.17	04009	016	22 24 47.2	−36 44 21.5	16.30	08472
017	22 34 59.1	−32 37 22.0	16.35	14523	018	22 32 22.7	−33 25 27.4	16.36	09275
019	22 27 45.9	−35 40 14.8	16.40	17655	020	22 35 46.8	−36 38 20.7	16.41	27709
021	22 35 42.6	−37 14 46.0	16.45	17315	022	22 26 08.9	−35 35 50.8	16.48	08440
023	22 18 31.9	−32 45 17.4	16.50	09038	024	22 29 46.7	−35 51 59.0	16.55	29266
025	22 16 00.4	−36 29 10.8	16.58	08996	026	22 14 39.5	−32 32 30.7	16.60	15196
027	22 26 36.9	−35 48 33.8	16.63	08219	028	22 32 32.2	−36 34 38.2	16.64	12493
029	22 15 32.2	−33 43 02.8	16.66	17200	030	22 13 45.2	−36 24 40.1	16.70	09102
031	22 26 20.1	−35 45 26.8	16.71	08762	032	22 17 23.2	−34 55 11.6	16.73	12270
033	22 16 37.7	−37 04 32.0	16.76	17133	034	22 16 10.4	−34 48 02.3	16.77	20777
035	22 33 29.0	−36 25 58.4	16.81	12351	036	22 32 55.6	−35 04 33.9	16.84	08283
037	22 20 26.2	−34 45 48.9	16.86	20567	038	22 24 51.5	−35 59 50.0	16.87	17851
039	22 16 29.2	−35 07 51.0	16.89	11218	040	22 17 13.2	−35 49 47.8	16.90	07740
041	22 31 19.5	−37 27 51.8	16.91	21942	042	22 35 31.7	−35 49 25.2	16.93	18703
043	22 18 32.2	−33 11 58.3	16.93	24108	044	22 24 15.5	−35 17 22.8	16.97	17673
045	22 35 21.6	−35 11 25.7	16.98	18365	046	22 12 33.8	−36 56 30.3	17.00	11011
047	22 19 56.9	−32 36 02.0	17.02	17724	048	22 20 17.6	−33 55 05.0	17.02	02432
049	22 30 50.8	−36 56 45.6	17.04	23392	050	22 14 23.5	−37 11 46.6	17.05	17456
051	22 33 54.9	−34 06 51.2	17.06	08626	052	22 26 06.0	−32 35 51.4	17.07	29488
053	22 26 24.7	−35 45 03.1	17.09	09056	054	22 31 03.7	−36 55 23.2	17.11	—
055	22 12 35.4	−36 56 36.0	17.13	—	056	22 22 36.5	−36 29 24.4	17.13	—
057	22 25 58.7	−37 03 28.4	17.16	—	058	22 26 58.5	−35 17 29.6	17.16	23731
059	22 26 30.3	−36 39 02.1	17.17	—	060	22 13 25.4	−36 40 20.0	17.17	—
061	22 25 42.9	−32 49 14.9	17.18	—	062	22 27 47.7	−37 05 07.4	17.19	05493
063	22 12 48.7	−34 06 10.9	17.20	—	064	22 34 44.3	−33 35 09.1	17.21	—
065	22 17 13.3	−36 58 43.8	17.22	—	066	22 24 31.5	−34 56 12.2	17.22	—
067	22 35 26.1	−33 24 35.0	17.24	—	068	22 34 59.0	−36 41 49.7	17.24	—
069	22 30 16.8	−33 27 23.2	17.26	—	070	22 24 36.2	−37 03 53.2	17.26	—
071	22 13 21.5	−36 02 24.8	17.27	—	072	22 25 46.1	−32 35 13.4	17.27	—
073	22 20 31.5	−33 46 21.3	17.29	—	074	22 31 48.0	−32 37 21.8	17.29	—
075	22 24 45.8	−33 52 11.5	17.30	—	076	22 18 39.7	−35 18 13.1	17.30	—
				406					
001	22 54 23.1	−36 43 45.9	11.40	01659	002	22 55 08.0	−36 07 33.2	13.03	02323
003	22 54 56.5	−36 17 37.0	13.58	02307	004	22 58 02.1	−35 38 18.5	14.14	01753
005	22 53 53.5	−37 02 25.7	14.31	02076	006	22 40 03.5	−35 20 11.1	14.83	12308
007	22 40 39.9	−37 07 41.6	15.08	11857	008	22 43 09.8	−36 30 03.0	15.20	08690
009	22 40 56.6	−32 59 29.7	15.26	08508	010	22 54 48.7	−34 21 18.6	15.36	08886
011	22 45 50.2	−37 11 03.3	15.40	08217	012	22 44 53.4	−36 03 32.8	15.43	08686
013	22 42 49.1	−35 24 48.6	15.57	08946	014	22 41 33.8	−36 48 33.4	15.61	12040
015	22 54 55.5	−33 30 30.1	15.64	08763	016	22 46 45.5	−33 28 10.3	15.67	08782
017	22 50 55.6	−34 24 48.6	15.75	08503	018	22 37 41.9	−35 19 17.3	15.86	08621
019	22 52 31.9	−34 11 14.1	15.93	08788	020	22 46 20.4	−33 59 41.4	16.00	20406
021	22 45 24.8	−32 50 40.6	16.04	16505	022	22 44 09.5	−33 12 50.7	16.05	16832
023	22 42 54.2	−33 12 36.4	16.09	09281	024	22 37 22.3	−36 28 41.3	16.12	17648
025	22 47 47.8	−34 26 29.8	16.13	09056	026	22 51 32.2	−32 40 47.8	16.19	16208
027	22 46 38.7	−33 19 28.7	16.23	11769	028	22 39 32.1	−32 38 11.8	16.27	17487
029	22 53 57.9	−34 03 01.4	16.31	08775	030	22 51 12.2	−33 16 12.4	16.37	17233
031	22 52 32.5	−34 38 53.5	16.39	08807	032	22 48 15.1	−32 42 14.2	16.41	12228
033	22 37 21.8	−37 14 18.9	16.44	17608	034	22 38 31.9	−33 52 12.5	16.48	18201
035	22 46 14.7	−33 05 03.4	16.50	16683	036	22 36 20.3	−36 25 40.9	16.52	17731
037	22 37 18.8	−36 39 00.2	16.52	18071	038	22 41 23.1	−36 37 11.3	16.56	17648
039	22 43 37.7	−34 17 52.0	16.58	23523	040	22 48 59.6	−35 57 04.1	16.60	24839
041	22 51 54.0	−34 45 07.1	16.63	17091	042	22 56 15.4	−33 50 26.4	16.64	08691
043	22 53 12.0	−37 21 01.3	16.67	11025	044	22 52 55.0	−34 24 52.0	16.67	08486
045	22 59 32.3	−36 53 34.5	16.67	16448	046	22 36 33.0	−32 58 17.5	16.69	17203

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
047	22 48 05.0	−37 23 55.6	16.71	11006	048	22 50 06.7	−34 52 45.1	16.74	16991
049	22 44 18.8	−36 50 10.4	16.75	20362	050	22 58 24.8	−37 09 30.1	16.77	08983
051	22 36 45.5	−36 58 34.4	16.79	17676	052	22 59 23.6	−32 57 34.6	16.81	04009
053	22 38 36.0	−33 21 54.9	16.83	08542	054	22 54 35.6	−33 19 27.4	16.84	16781
055	22 47 56.5	−35 15 53.1	16.84	26908	056	22 41 16.3	−36 25 18.1	16.85	20167
057	22 54 50.5	−33 26 47.7	16.86	16633	058	22 41 39.5	−37 19 56.8	16.87	19790
059	22 43 21.2	−35 42 42.5	16.87	24196	060	22 48 16.2	−36 53 35.4	16.87	19595
061	22 38 29.4	−36 56 17.0	16.91	21414	062	22 43 00.7	−33 30 37.3	16.92	21984
063	22 42 56.5	−37 22 27.2	16.93	08856	064	22 43 31.1	−37 15 21.2	16.94	11366
065	22 44 30.9	−34 34 09.8	16.95	27416	066	22 40 47.3	−36 42 05.2	16.95	20674
067	22 42 29.7	−35 41 31.4	16.95	28318	068	22 46 03.3	−37 17 15.1	16.97	31692
069	22 44 19.3	−36 30 02.2	16.97	20838	070	22 46 24.1	−36 36 31.4	16.98	12106
071	22 55 25.1	−33 25 57.5	16.99	16584	072	22 49 55.2	−33 56 37.0	17.00	22752
073	22 41 17.5	−35 31 23.3	17.01	22200	074	22 54 28.0	−33 31 44.3	17.03	20131
075	22 46 27.9	−37 14 04.3	17.03	32223	076	22 39 49.5	−33 26 02.0	17.03	17279
077	22 49 12.3	−36 36 45.2	17.05	20116	078	22 42 21.8	−35 52 17.3	17.06	08797
079	22 37 04.6	−34 33 28.6	17.06	08817	080	22 53 58.4	−34 13 37.5	17.08	09765
081	22 46 10.0	−34 30 09.3	17.09	35710	082	22 44 42.3	−34 36 51.5	17.10	08558
083	22 59 14.0	−36 45 10.9	17.10	01624	084	22 55 57.7	−36 17 47.3	17.10	17611
085	22 44 43.9	−37 22 31.6	17.12	—	086	22 48 32.0	−34 37 16.1	17.14	—
087	22 40 25.9	−35 31 04.5	17.15	—	088	22 36 44.0	−36 43 52.9	17.15	—
089	22 44 55.5	−37 25 52.7	17.16	—	090	22 56 26.6	−36 06 46.7	17.17	—
091	22 38 12.4	−36 07 25.7	17.18	—	092	22 36 17.7	−34 14 55.8	17.20	—
093	22 57 47.6	−36 19 10.4	17.21	—	094	22 36 39.6	−34 01 40.7	17.21	—
095	22 47 28.9	−35 52 31.7	17.22	—	096	22 36 00.2	−36 55 35.6	17.23	—
097	22 59 54.3	−33 37 11.1	17.23	—	098	22 36 27.1	−35 43 09.5	17.24	—
099	22 36 00.2	−36 49 41.0	17.25	—	100	22 48 48.2	−36 35 05.9	17.26	—
101	22 44 44.5	−34 54 07.3	17.27	—	102	22 43 23.1	−33 25 47.4	17.27	—
103	22 58 39.1	−37 06 05.2	17.28	—	104	22 56 12.1	−36 49 35.6	17.28	—
105	22 45 32.7	−35 58 34.9	17.30	—					
				407					
001	23 04 19.5	−36 32 54.5	12.98	02728	002	23 06 54.5	−36 41 28.4	14.35	01657
003	23 14 04.7	−35 47 50.8	15.05	10753	004	23 10 39.2	−34 25 23.8	15.59	10404
005	23 03 50.0	−36 31 14.4	15.87	18040	006	23 21 00.1	−32 30 38.0	15.93	—
007	23 02 25.5	−33 19 24.8	15.96	16779	008	23 01 38.2	−33 26 34.5	16.00	16526
009	23 08 49.1	−33 21 26.6	16.04	—	010	23 04 19.9	−33 48 37.2	16.08	08665
011	23 05 54.2	−32 52 33.4	16.26	16209	012	23 16 27.5	−33 09 56.7	16.30	18657
013	23 03 16.6	−36 41 38.3	16.35	11666	014	23 15 48.6	−33 36 06.3	16.41	16197
015	23 03 22.7	−34 32 25.8	16.42	16856	016	23 22 10.3	−35 50 23.1	16.44	16444
017	23 06 13.5	−33 51 24.3	16.48	18470	018	23 02 09.6	−37 05 34.8	16.50	18085
019	23 19 17.9	−33 16 54.0	16.52	—	020	23 01 50.5	−32 47 30.4	16.55	25201
021	23 02 06.4	−32 49 16.3	16.59	24460	022	23 20 19.0	−34 19 00.1	16.62	24237
023	23 12 13.6	−35 41 45.5	16.62	10741	024	23 04 47.9	−33 08 46.1	16.64	16451
025	23 01 45.9	−34 10 07.6	16.68	25391	026	23 19 50.0	−37 15 40.7	16.70	16364
027	23 21 11.3	−35 56 47.2	16.73	16442	028	23 07 31.8	−37 24 29.5	16.75	25767
029	23 15 36.1	−33 07 47.4	16.77	—	030	23 00 57.5	−33 27 59.2	16.78	16453
031	23 18 12.7	−36 51 20.1	16.80	25782	032	23 09 19.2	−33 41 47.2	16.82	19546
033	23 04 38.2	−33 38 01.9	16.85	08561	034	23 16 56.8	−35 03 40.2	16.86	15873
035	23 11 51.4	−36 09 00.3	16.87	26707	036	23 22 22.5	−35 53 59.4	16.90	16318
037	23 05 10.1	−32 42 52.9	16.92	—	038	23 20 17.7	−34 19 06.6	16.93	24276
039	23 19 16.1	−32 54 05.1	16.94	12016	040	23 02 14.9	−32 58 45.0	16.95	18033
041	23 06 59.5	−32 46 24.5	16.96	16422	042	23 10 08.3	−32 53 17.9	16.99	11519
043	23 04 27.5	−35 20 37.0	17.02	—	044	23 14 19.3	−34 16 23.0	17.04	16306
045	23 01 48.9	−32 56 47.7	17.06	—	046	23 03 42.5	−32 56 25.1	17.08	—
047	23 08 00.1	−34 22 58.0	17.10	—	048	23 16 40.5	−33 01 50.2	17.11	—
049	23 16 03.0	−36 44 53.2	17.12	—	050	23 03 08.2	−35 45 37.7	17.13	—
051	23 20 40.1	−34 59 33.7	17.15	—	052	23 18 54.7	−33 05 51.2	17.15	—
053	23 14 56.2	−35 00 12.6	17.16	—	054	23 05 28.6	−36 35 14.0	17.17	—
055	23 00 36.0	−33 52 27.6	17.19	—	056	23 00 06.9	−33 39 31.6	17.23	—
057	23 11 55.1	−34 24 29.9	17.23	—	058	23 01 02.2	−36 54 00.7	17.24	—
059	23 19 48.7	−37 29 56.5	17.25	—	060	23 20 47.8	−33 53 14.7	17.26	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
061	23 20 00.2	−37 07 55.8	17.27	—	062	23 04 01.7	−37 11 03.8	17.29	—
063	23 07 58.2	−34 00 08.8	17.30	—					
				408					
001	23 41 09.9	−36 59 28.8	14.79	12482	002	23 44 21.4	−36 04 21.6	14.98	12609
003	23 27 42.2	−35 13 22.3	15.26	16172	004	23 33 28.6	−32 47 05.4	15.35	15612
005	23 27 36.1	−33 20 56.2	15.38	16057	006	23 44 30.4	−36 06 55.5	15.43	—
007	23 47 28.8	−36 01 32.6	15.55	12975	008	23 39 43.9	−36 41 34.8	15.74	16199
009	23 44 58.1	−36 28 33.5	15.81	16846	010	23 41 12.8	−36 33 30.9	15.88	09792
011	23 26 37.2	−35 16 03.5	15.93	16430	012	23 41 21.4	−33 00 14.6	15.99	11442
013	23 39 55.6	−33 05 26.3	16.02	15562	014	23 44 05.9	−36 02 25.2	16.04	13518
015	23 35 39.1	−36 00 27.5	16.05	16151	016	23 45 43.2	−35 30 31.5	16.12	17135
017	23 31 52.8	−35 12 23.0	16.13	11906	018	23 47 26.5	−35 11 37.0	16.15	13466
019	23 29 06.6	−32 41 06.1	16.17	—	020	23 43 35.5	−37 02 32.9	16.18	16864
021	23 39 17.8	−37 21 55.0	16.20	15599	022	23 44 49.7	−34 34 13.6	16.29	11617
023	23 33 09.2	−32 45 11.5	16.31	—	024	23 43 44.4	−35 44 10.5	16.34	10804
025	23 46 35.5	−35 20 03.8	16.41	13109	026	23 41 51.2	−36 11 42.6	16.42	11120
027	23 47 34.8	−35 45 18.6	16.44	—	028	23 43 38.8	−33 29 42.1	16.46	11590
029	23 40 30.8	−36 13 27.4	16.48	16733	030	23 41 55.6	−36 21 46.1	16.49	11358
031	23 47 41.8	−35 26 34.4	16.50	14831	032	23 28 55.7	−33 03 15.9	16.54	16340
033	23 42 07.9	−35 33 48.5	16.56	12069	034	23 46 25.9	−35 16 51.1	16.59	19593
035	23 41 04.9	−34 26 27.5	16.62	13481	036	23 45 36.0	−35 24 05.2	16.64	16618
037	23 29 31.4	−34 13 08.0	16.64	25919	038	23 41 50.9	−36 51 15.9	16.66	16938
039	23 30 40.3	−36 17 29.6	16.67	—	040	23 47 01.6	−36 51 20.3	16.68	17229
041	23 39 23.9	−37 14 51.1	16.69	15821	042	23 40 23.9	−35 15 28.1	16.71	11820
043	23 41 35.5	−34 40 24.1	16.74	12679	044	23 46 41.4	−36 46 51.3	16.77	14698
045	23 27 28.2	−36 05 54.9	16.79	05800	046	23 25 59.3	−35 06 01.4	16.81	25794
047	23 33 29.6	−32 48 48.2	16.83	15819	048	23 35 18.4	−35 33 43.9	16.85	16070
049	23 29 21.2	−34 40 20.6	16.86	—	050	23 39 14.2	−36 25 32.5	16.88	11600
051	23 37 41.2	−36 32 58.5	16.90	13714	052	23 47 46.5	−36 58 32.8	16.92	—
053	23 45 01.2	−32 38 20.7	16.93	11246	054	23 28 45.3	−34 21 50.4	16.94	15903
055	23 46 43.0	−35 12 34.3	16.95	10567	056	23 44 54.0	−35 17 43.3	16.98	17727
057	23 43 35.3	−35 50 02.0	17.01	12557	058	23 28 36.2	−36 02 29.5	17.01	—
059	23 46 31.8	−37 22 22.5	17.02	—	060	23 32 09.7	−34 25 23.0	17.04	—
061	23 27 14.6	−34 55 16.5	17.05	—	062	23 46 17.2	−37 02 29.9	17.06	—
063	23 45 36.4	−33 09 11.3	17.07	26862	064	23 26 50.0	−35 14 50.6	17.09	23799
065	23 26 35.2	−35 51 19.4	17.10	—	066	23 44 13.6	−35 39 52.5	17.10	12856
067	23 27 42.1	−35 15 51.8	17.11	—	068	23 43 34.5	−35 29 25.4	17.12	—
069	23 47 06.6	−35 45 34.4	17.13	—	070	23 29 20.3	−34 13 43.1	17.14	—
071	23 29 57.5	−34 34 00.2	17.16	—	072	23 40 47.0	−33 30 25.0	17.16	—
073	23 41 03.9	−36 25 53.3	17.17	—	074	23 27 41.9	−35 21 04.4	17.19	—
075	23 47 28.6	−35 56 36.9	17.19	—	076	23 40 34.9	−36 39 00.4	17.20	—
077	23 44 31.5	−34 28 48.2	17.21	—	078	23 34 10.3	−36 18 03.1	17.23	—
079	23 41 53.5	−35 46 08.5	17.23	—	080	23 30 08.1	−36 28 57.5	17.24	—
081	23 39 42.1	−34 28 08.0	17.26	—	082	23 39 51.0	−35 26 55.4	17.26	—
083	23 33 55.1	−35 50 36.7	17.27	—	084	23 41 12.1	−33 04 25.0	17.27	—
085	23 32 31.8	−32 44 36.1	17.28	—	086	23 31 53.8	−34 02 37.3	17.29	—
087	23 47 06.4	−35 44 53.6	17.29	—					
				349					
001	23 55 14.8	−32 52 06.2	10.09	00185	002	23 54 26.0	−35 02 20.2	13.86	14800
003	00 00 20.9	−34 30 50.4	14.35	06842	004	00 03 08.6	−36 13 43.8	14.87	09320
005	23 52 22.6	−34 52 46.6	14.89	16002	006	23 55 27.0	−34 34 09.1	15.04	14656
007	23 49 35.7	−34 52 06.8	15.09	08568	008	23 59 30.2	−33 44 43.2	15.32	08755
009	23 54 29.6	−36 19 23.6	15.61	13707	010	00 07 21.5	−36 55 05.8	15.64	07140
011	23 59 59.4	−36 33 15.6	15.70	13680	012	23 48 32.5	−36 39 47.9	15.76	13913
013	00 03 24.4	−36 23 32.3	15.80	08657	014	23 52 13.7	−36 26 13.3	15.81	13853
015	23 56 53.0	−35 27 40.5	15.84	14909	016	23 56 24.4	−35 21 07.6	15.90	14784
017	00 02 54.8	−36 13 15.9	15.95	08826	018	23 53 08.8	−34 26 13.7	15.97	15025
019	00 08 21.5	−35 24 30.7	16.01	14402	020	00 08 18.5	−37 26 16.4	16.03	06814
021	23 48 31.0	−35 54 03.4	16.06	16816	022	00 10 48.1	−35 47 11.9	16.08	27743

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
023	00 01 58.9	−32 31 39.7	16.10	08338	024	00 09 43.1	−33 44 32.7	16.12	07661
025	23 50 37.4	−33 12 34.0	16.15	17880	026	00 00 21.1	−36 00 02.5	16.16	14750
027	00 03 57.1	−32 34 57.0	16.21	13531	028	23 54 55.9	−36 52 48.3	16.24	08363
029	23 54 36.8	−35 37 59.3	16.29	15148	030	00 03 04.3	−35 05 32.9	16.30	08643
031	23 53 02.3	−36 45 11.1	16.33	15289	032	23 57 18.4	−35 16 23.7	16.36	14342
033	23 50 27.4	−35 05 18.6	16.37	13137	034	00 03 27.2	−36 23 28.8	16.39	08643
035	00 07 59.5	−33 24 46.4	16.41	07807	036	23 48 09.2	−36 25 57.5	16.43	14156
037	23 53 10.5	−33 47 09.9	16.46	17291	038	23 51 12.8	−34 57 43.8	16.47	16555
039	00 07 32.0	−35 39 28.2	16.49	14573	040	00 06 54.2	−35 25 06.5	16.53	14703
041	00 10 05.4	−35 34 05.2	16.54	—	042	00 02 51.5	−35 21 11.4	16.57	09079
043	23 57 49.5	−34 02 27.5	16.59	14415	044	00 07 44.5	−37 08 29.4	16.60	08530
045	23 54 27.0	−32 53 26.3	16.61	—	046	23 54 09.5	−34 51 20.7	16.62	16211
047	00 06 04.7	−33 43 10.6	16.63	14648	048	23 57 16.6	−32 46 05.9	16.66	12369
049	00 03 30.1	−32 58 55.5	16.68	13762	050	23 56 28.0	−33 30 25.3	16.69	17715
051	23 54 48.1	−32 54 02.8	16.70	17916	052	23 57 35.9	−36 30 28.9	16.72	17919
053	23 53 59.2	−32 35 40.8	16.74	—	054	23 49 31.9	−36 13 56.6	16.75	14079
055	23 50 36.5	−34 16 28.7	16.76	17868	056	23 52 25.1	−33 13 44.3	16.79	17009
057	23 54 21.2	−35 06 55.6	16.79	14086	058	23 54 29.3	−35 04 54.7	16.80	15153
059	23 50 24.1	−34 57 59.8	16.81	16651	060	00 10 40.7	−35 39 33.5	16.82	22228
061	00 09 30.8	−33 54 35.7	16.82	—	062	00 08 28.8	−35 41 49.3	16.83	15084
063	00 07 11.6	−35 54 41.3	16.85	18428	064	23 57 31.9	−35 56 12.3	16.86	08360
065	00 07 19.6	−35 35 31.2	16.86	15824	066	00 10 45.7	−35 48 55.8	16.87	29636
067	23 54 36.6	−34 47 14.3	16.87	10097	068	00 10 29.5	−34 14 36.3	16.88	06680
069	23 50 59.9	−33 05 15.3	16.88	—	070	00 05 49.9	−35 36 56.6	16.89	14856
071	00 10 56.5	−35 47 12.8	16.90	07949	072	00 10 09.6	−36 17 55.7	16.91	21612
073	00 01 35.4	−33 53 20.1	16.93	—	074	23 59 05.3	−36 23 56.0	16.94	21813
075	23 49 43.7	−33 18 50.2	16.95	—	076	00 06 24.4	−35 57 15.1	16.96	14874
077	00 00 33.6	−36 13 12.0	16.97	14685	078	00 07 13.9	−36 45 21.6	16.97	15111
079	23 50 53.5	−34 35 15.9	16.98	17007	080	00 10 51.8	−33 10 52.3	16.99	—
081	00 02 38.9	−34 59 17.1	17.00	34412	082	23 51 13.1	−35 46 53.3	17.00	17333
083	23 48 23.0	−34 43 52.3	17.01	17102	084	23 59 29.8	−36 24 34.2	17.02	—
085	23 53 13.1	−34 44 33.4	17.03	15735	086	23 50 04.6	−35 25 42.2	17.04	19962
087	00 09 48.5	−37 21 46.4	17.05	15771	088	23 52 29.4	−36 28 37.5	17.06	14778
089	23 48 14.4	−33 15 19.1	17.07	21060	090	23 53 02.5	−34 49 41.2	17.08	10383
091	00 07 53.7	−32 41 35.8	17.08	—	092	00 07 53.7	−32 41 35.8	17.08	—
093	23 52 13.7	−33 19 27.9	17.11	—	094	00 00 42.5	−36 09 47.8	17.11	—
095	23 50 58.3	−34 53 47.8	17.12	—	096	23 57 15.7	−35 06 20.4	17.12	—
097	23 59 56.3	−35 33 42.0	17.13	—	098	23 53 48.2	−34 48 26.1	17.14	—
099	23 49 12.8	−34 36 07.6	17.14	—	100	23 54 52.5	−33 20 53.8	17.15	—
101	23 57 24.7	−33 00 15.0	17.17	—	102	00 01 52.4	−34 34 57.8	17.19	—
103	23 54 33.7	−34 40 08.9	17.19	—	104	23 52 21.1	−35 01 15.5	17.19	—
105	23 56 07.3	−35 57 50.4	17.20	—	106	00 10 46.8	−36 34 56.3	17.20	—
107	23 57 36.1	−34 43 16.1	17.22	—	108	23 59 47.5	−36 07 20.6	17.22	—
109	23 56 55.6	−35 13 48.8	17.23	—	110	23 50 19.5	−35 42 19.5	17.23	—
111	23 51 47.4	−36 11 33.1	17.25	—	112	00 08 28.1	−32 33 54.9	17.26	—
113	00 00 39.2	−35 25 28.4	17.26	—	114	23 55 32.8	−33 05 59.1	17.27	—
115	00 10 13.8	−35 55 38.2	17.27	—	116	00 01 50.1	−33 15 53.6	17.28	—
117	23 50 21.2	−34 39 57.1	17.28	—	118	23 50 00.2	−34 34 34.5	17.29	—
119	23 55 50.3	−35 07 53.7	17.29	—	120	23 51 24.1	−35 55 35.7	17.29	—
121	23 58 37.6	−35 29 57.4	17.30	—					
					350				
001	00 27 53.5	−33 31 16.0	11.43	01545	002	00 27 10.1	−33 32 10.2	14.23	01415
003	00 23 02.3	−33 19 11.4	14.52	14940	004	00 13 12.8	−33 18 30.0	14.81	07363
005	00 28 34.8	−37 09 59.1	15.10	07298	006	00 33 39.3	−32 52 43.8	15.29	04421
007	00 14 48.1	−32 47 37.1	15.46	07834	008	00 12 28.2	−33 11 19.0	15.49	18349
009	00 29 54.3	−36 59 28.8	15.61	09092	010	00 20 27.4	−34 51 44.2	15.78	14842
011	00 23 51.6	−33 41 24.5	15.84	09543	012	00 30 17.5	−33 26 47.4	15.98	14797
013	00 17 24.7	−36 19 32.7	16.04	07333	014	00 34 36.4	−32 48 14.5	16.06	14935
015	00 34 16.1	−36 31 52.0	16.10	12411	016	00 15 32.3	−33 12 24.3	16.13	07677
017	00 15 24.2	−32 48 15.4	16.19	07480	018	00 19 25.1	−33 33 27.9	16.23	14325
019	00 35 16.6	−33 58 37.5	16.33	08639	020	00 19 39.0	−34 32 50.0	16.36	18303

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
021	00 28 56.1	−37 21 35.9	16.38	07042	022	00 28 44.1	−32 36 00.8	16.42	13663
023	00 20 45.1	−35 02 39.8	16.42	18469	024	00 16 42.5	−36 52 28.2	16.46	19794
025	00 25 44.1	−35 44 25.4	16.51	32214	026	00 33 37.6	−36 50 51.2	16.55	18797
027	00 20 00.9	−34 23 52.9	16.55	15112	028	00 18 07.2	−34 44 59.6	16.58	07577
029	00 15 26.6	−34 10 31.7	16.62	08819	030	00 14 34.8	−34 49 35.2	16.66	15183
031	00 24 18.6	−33 03 25.0	16.67	14803	032	00 22 02.5	−33 21 53.1	16.74	14431
033	00 12 32.8	−34 20 51.8	16.75	06630	034	00 21 28.6	−33 42 32.6	16.76	15309
035	00 28 10.3	−37 21 15.6	16.78	06967	036	00 22 55.6	−35 00 43.6	16.79	—
037	00 19 02.9	−34 11 57.2	16.83	32629	038	00 17 35.0	−34 33 56.5	16.85	07364
039	00 22 10.9	−33 32 40.1	16.87	14749	040	00 32 31.8	−36 42 14.6	16.89	18698
041	00 23 34.6	−36 05 54.5	16.89	20477	042	00 16 18.7	−35 02 11.8	16.90	28597
043	00 19 45.1	−33 30 57.0	16.91	14270	044	00 22 20.2	−35 53 21.2	16.93	32867
045	00 24 04.7	−36 47 37.5	16.94	13225	046	00 26 09.4	−33 20 12.9	16.95	14199
047	00 34 33.2	−36 06 29.6	16.96	16484	048	00 23 14.0	−33 18 14.6	16.98	14453
049	00 21 02.8	−34 31 34.8	16.98	14783	050	00 22 57.3	−33 19 18.6	17.01	14723
051	00 19 33.8	−33 33 12.5	17.02	21919	052	00 34 21.0	−32 30 31.6	17.03	27009
053	00 26 57.2	−33 15 02.0	17.05	15618	054	00 12 30.2	−34 09 21.4	17.07	14903
055	00 34 15.7	−34 18 23.8	17.09	09772	056	00 34 15.7	−34 18 23.8	17.09	—
057	00 29 05.6	−36 14 02.1	17.11	—	058	00 16 37.8	−34 43 27.5	17.12	—
059	00 19 51.9	−33 57 04.5	17.13	—	060	00 19 21.6	−33 33 20.1	17.14	—
061	00 24 17.5	−34 24 00.5	17.16	—	062	00 13 13.0	−35 29 00.3	17.19	—
063	00 18 31.5	−35 03 07.9	17.19	—	064	00 12 36.3	−37 11 44.8	17.23	—
065	00 23 50.8	−33 34 31.2	17.24	—	066	00 28 36.7	−34 24 11.6	17.25	—
067	00 28 58.0	−36 24 58.5	17.26	—	068	00 25 41.0	−35 45 00.6	17.27	—
069	00 29 23.7	−36 15 51.9	17.28	—	070	00 12 43.2	−33 17 08.4	17.28	—
071	00 13 16.6	−33 34 16.2	17.29	—	072	00 16 23.2	−36 08 23.7	17.30	—
				351					
001	00 57 02.0	−34 35 57.3	13.82	03427	002	00 39 30.8	−33 14 40.4	14.84	09642
003	00 52 37.1	−35 35 33.1	14.94	17368	004	00 40 25.4	−37 09 09.8	15.24	07100
005	00 58 38.4	−35 30 40.9	15.40	11598	006	00 52 14.1	−36 07 22.4	15.61	13681
007	00 46 54.4	−33 42 13.5	15.72	09062	008	00 53 30.3	−34 41 18.0	15.74	10236
009	00 58 24.5	−36 38 19.6	15.98	11742	010	00 46 43.0	−34 25 13.3	16.13	14395
011	00 54 50.0	−36 51 45.2	16.17	16988	012	00 53 53.4	−35 31 28.3	16.23	14526
013	00 49 59.6	−32 54 58.8	16.25	06020	014	00 43 47.3	−34 39 21.7	16.27	19249
015	00 47 43.4	−33 23 08.2	16.31	23633	016	00 38 38.6	−33 52 28.9	16.40	14471
017	00 37 21.8	−33 08 41.5	16.50	15199	018	00 37 41.7	−36 28 47.1	16.52	13278
019	00 37 07.6	−36 04 44.3	16.54	06347	020	00 51 59.3	−35 42 56.3	16.60	17072
021	00 43 55.9	−34 42 24.9	16.63	14559	022	00 55 37.2	−36 10 48.5	16.65	14617
023	00 53 32.3	−35 45 54.5	16.69	17164	024	00 50 32.4	−35 18 12.4	16.73	13538
025	00 39 12.7	−34 40 48.0	16.75	11442	026	00 38 21.7	−37 22 54.3	16.77	10383
027	00 47 07.8	−33 22 26.0	16.79	13381	028	00 47 29.7	−34 23 03.8	16.81	06668
029	00 42 05.2	−36 58 05.2	16.83	20694	030	00 47 16.4	−34 28 34.7	16.87	13967
031	00 45 16.9	−35 11 35.1	16.88	06898	032	00 53 05.2	−35 52 03.0	16.88	17388
033	00 49 31.4	−34 07 52.0	16.92	17835	034	00 50 22.2	−36 17 44.6	16.94	09802
035	00 51 35.2	−35 56 13.9	16.94	10138	036	00 55 42.9	−36 19 56.5	16.96	09177
037	00 49 20.6	−33 16 51.1	17.00	11621	038	00 56 31.0	−36 07 60.0	17.02	11727
039	00 36 35.7	−33 41 21.7	17.02	14355	040	00 47 44.4	−36 00 38.8	17.04	17843
041	00 38 38.0	−36 28 25.5	17.04	08730	042	00 55 41.7	−36 24 15.6	17.06	—
043	00 55 48.2	−33 02 57.4	17.06	17949	044	00 44 30.6	−34 04 02.3	17.06	11514
045	00 57 20.8	−34 32 54.2	17.08	19703	046	00 43 01.5	−33 54 31.3	17.10	—
047	00 49 32.8	−34 07 22.3	17.12	—	048	00 45 06.8	−33 38 17.7	17.13	—
049	00 56 44.9	−34 27 25.6	17.13	—	050	00 41 29.0	−35 37 48.1	17.17	—
051	00 55 30.4	−34 43 56.9	17.17	—	052	00 46 01.9	−32 48 11.2	17.17	—
053	00 57 08.3	−36 35 57.5	17.19	—	054	00 54 59.9	−33 36 26.0	17.19	—
055	00 51 59.1	−35 50 03.5	17.21	—	056	00 55 50.2	−33 02 33.7	17.23	—
057	00 51 36.4	−33 35 08.4	17.25	—	058	00 46 04.1	−34 28 58.7	17.27	—
059	00 45 19.4	−34 34 33.0	17.27	—					
				352					
001	01 11 46.6	−32 54 57.2	13.83	03564	002	01 12 10.8	−32 31 45.2	14.29	05262

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
003	01 17 46.2	−34 09 43.6	14.33	03539	004	01 07 59.8	−36 00 08.4	14.44	03938
005	01 18 48.0	−36 22 48.9	14.60	09652	006	01 22 16.3	−33 26 02.2	14.68	09250
007	01 09 48.5	−32 30 29.9	14.93	—	008	01 16 01.7	−37 22 01.9	15.17	09519
009	01 06 27.3	−36 36 41.4	15.18	06684	010	01 17 28.4	−33 20 44.3	15.35	09369
011	01 15 07.5	−36 02 48.2	15.44	09607	012	01 11 55.3	−32 30 58.8	15.48	—
013	01 05 01.0	−37 01 19.9	15.53	03964	014	01 21 17.7	−35 11 46.8	15.60	06041
015	01 16 43.8	−36 11 15.2	15.73	15130	016	01 17 22.3	−33 22 06.1	15.76	05881
017	01 11 23.7	−34 10 45.2	15.83	06642	018	01 16 17.1	−33 46 40.1	15.95	05799
019	01 04 58.4	−36 56 09.1	15.99	14508	020	01 03 11.2	−34 01 54.5	16.02	05859
021	01 02 49.2	−34 48 00.7	16.08	14833	022	01 18 56.1	−33 28 54.2	16.12	05662
023	01 11 58.7	−35 23 04.4	16.14	09488	024	01 23 26.2	−37 18 52.7	16.19	09365
025	01 16 56.2	−33 16 35.6	16.23	09263	026	01 14 18.6	−33 11 28.1	16.27	05477
027	01 05 00.9	−34 17 57.8	16.30	19777	028	01 12 42.0	−33 17 05.8	16.34	06614
029	01 00 18.1	−33 31 37.7	16.39	10625	030	01 20 48.7	−32 56 38.2	16.40	09183
031	01 15 08.4	−34 59 57.8	16.41	15491	032	01 08 36.3	−33 48 57.2	16.45	09941
033	01 20 16.4	−33 46 20.3	16.46	10256	034	01 21 39.5	−34 03 45.4	16.48	01502
035	01 15 48.1	−36 46 08.1	16.50	07158	036	01 00 44.2	−36 09 49.7	16.53	14441
037	01 06 00.5	−36 33 18.5	16.54	06483	038	01 16 27.0	−33 23 46.7	16.57	09059
039	01 23 17.1	−33 30 36.2	16.58	09337	040	01 21 51.7	−35 32 38.5	16.60	03560
041	01 12 02.7	−33 59 42.4	16.63	20313	042	01 17 21.2	−35 55 35.8	16.67	10042
043	01 14 05.0	−33 12 33.0	16.72	05538	044	01 17 48.5	−33 11 36.6	16.76	20280
045	01 07 45.6	−36 19 23.5	16.78	05471	046	01 19 35.4	−32 54 25.0	16.83	09216
047	01 14 39.4	−37 02 03.0	16.86	20321	048	01 00 57.7	−36 19 04.2	16.88	—
049	01 11 19.2	−33 19 19.4	16.91	06665	050	01 07 09.2	−33 43 13.9	16.93	—
051	01 18 15.3	−36 56 38.5	16.94	11475	052	01 16 51.0	−33 12 58.1	16.98	20289
053	01 22 05.1	−34 01 27.1	17.00	09024	054	01 14 09.4	−33 57 48.4	17.00	11412
055	01 01 36.2	−33 19 39.1	17.02	15005	056	01 06 34.9	−36 35 28.8	17.05	17434
057	01 20 32.2	−32 59 43.8	17.08	20931	058	01 05 18.8	−36 26 26.5	17.09	06016
059	01 15 32.5	−35 52 26.8	17.10	22559	060	01 15 32.5	−35 52 26.8	17.10	—
061	01 15 24.6	−36 11 33.8	17.13	—	062	01 12 32.1	−33 01 34.4	17.14	—
063	01 10 32.7	−32 45 52.3	17.14	—	064	01 09 08.2	−32 45 31.4	17.17	—
065	01 15 35.6	−33 00 24.3	17.18	—	066	01 11 53.0	−36 53 45.8	17.22	—
067	01 00 05.2	−33 45 36.3	17.23	—	068	01 03 27.9	−36 42 11.1	17.24	—
069	01 05 01.8	−33 05 45.3	17.25	—	070	01 20 26.1	−34 07 51.8	17.27	—
071	01 09 40.5	−33 50 03.8	17.28	—	072	01 14 00.7	−35 20 25.6	17.29	—
073	01 18 19.2	−33 40 30.5	17.30	—					
				353					
001	01 47 02.9	−32 59 24.1	13.49	04986	002	01 25 41.0	−35 58 35.7	13.83	05679
003	01 35 20.5	−34 10 42.3	14.13	05778	004	01 26 07.0	−36 14 58.8	14.43	05456
005	01 28 07.5	−33 17 37.4	14.58	04850	006	01 40 55.6	−34 29 36.3	14.72	03846
007	01 47 31.0	−35 04 42.3	14.81	08342	008	01 33 55.3	−36 33 29.1	14.91	09797
009	01 33 05.0	−33 01 54.3	15.05	10655	010	01 31 48.8	−34 42 01.8	15.09	03759
011	01 31 20.9	−36 51 14.9	15.26	09211	012	01 36 27.2	−33 16 40.1	15.31	10785
013	01 32 06.0	−33 05 28.2	15.39	19109	014	01 39 59.9	−33 30 40.5	15.51	05828
015	01 29 48.0	−34 03 35.8	15.60	20791	016	01 45 03.5	−32 49 16.5	15.68	10526
017	01 37 04.3	−36 32 47.0	15.69	08874	018	01 41 31.1	−34 33 11.6	15.74	03754
019	01 41 13.2	−33 43 37.3	15.83	08772	020	01 33 19.2	−34 52 51.3	15.91	05968
021	01 33 40.7	−36 10 05.3	16.03	09347	022	01 29 52.0	−34 55 35.6	16.09	09262
023	01 27 04.8	−33 06 26.7	16.12	19500	024	01 30 56.8	−33 16 00.4	16.16	04981
025	01 35 04.2	−33 35 07.7	16.21	13580	026	01 33 14.3	−33 13 33.0	16.23	18956
027	01 43 19.4	−34 36 48.6	16.26	08542	028	01 33 41.2	−36 42 37.9	16.28	09412
029	01 29 27.9	−32 40 24.4	16.32	—	030	01 37 11.2	−34 15 54.5	16.32	08778
031	01 43 44.3	−35 04 10.5	16.35	20450	032	01 47 38.7	−36 35 28.4	16.38	09880
033	01 46 07.7	−35 05 02.4	16.39	18307	034	01 26 29.9	−35 23 26.7	16.43	05647
035	01 41 55.1	−36 26 30.5	16.44	08312	036	01 39 10.2	−35 15 40.5	16.51	08795
037	01 24 27.7	−33 09 21.4	16.55	20625	038	01 25 39.2	−32 53 43.6	16.59	17902
039	01 34 43.7	−35 44 09.4	16.67	08927	040	01 37 37.4	−34 20 47.4	16.71	20270
041	01 32 04.5	−35 37 53.5	16.74	24560	042	01 44 10.5	−36 14 52.2	16.75	18349
043	01 35 21.1	−34 48 53.7	16.76	—	044	01 27 14.3	−33 12 38.5	16.77	11369
045	01 30 08.9	−33 20 10.7	16.78	10709	046	01 41 52.0	−35 30 58.4	16.81	20994
047	01 42 31.1	−36 36 29.8	16.84	20309	048	01 33 26.5	−33 23 29.4	16.86	21042

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
049	01 40 59.5	−35 29 35.2	16.91	08470	050	01 47 19.5	−33 16 27.7	16.94	11336
051	01 43 41.3	−33 48 20.3	16.96	—	052	01 39 48.5	−35 54 24.5	16.98	—
053	01 33 21.6	−36 20 12.9	16.99	16001	054	01 45 24.5	−36 37 54.3	16.99	08984
055	01 45 54.4	−35 29 49.1	17.01	08113	056	01 45 06.3	−37 15 47.5	17.01	20790
057	01 36 47.8	−35 03 08.0	17.03	—	058	01 33 12.4	−36 16 50.8	17.05	12120
059	01 38 33.3	−37 21 46.8	17.05	21144	060	01 37 16.4	−33 50 36.1	17.07	10580
061	01 34 36.4	−36 43 53.7	17.08	05312	062	01 41 38.6	−34 06 27.7	17.09	08630
063	01 31 58.1	−33 44 48.7	17.09	14982	064	01 41 24.4	−35 41 37.0	17.10	20656
065	01 41 22.2	−36 27 49.4	17.12	—	066	01 44 16.6	−35 37 34.4	17.13	—
067	01 47 26.6	−35 22 48.6	17.15	—	068	01 35 32.0	−34 26 51.9	17.15	—
069	01 31 05.7	−36 45 19.3	17.17	—	070	01 45 44.9	−36 25 42.0	17.18	—
071	01 34 30.9	−33 38 56.2	17.19	—	072	01 26 50.2	−32 31 53.9	17.20	—
073	01 32 55.3	−37 18 26.4	17.21	—	074	01 40 50.8	−33 51 26.9	17.23	—
075	01 26 29.6	−36 27 54.3	17.24	—	076	01 40 38.2	−34 17 03.5	17.25	—
077	01 41 48.4	−36 42 33.9	17.26	—	078	01 36 03.5	−36 24 18.2	17.27	—
079	01 34 10.2	−33 26 50.2	17.29	—					
				354					
001	02 07 55.6	−33 10 32.7	13.67	03299	002	02 04 45.4	−36 41 27.5	13.99	05836
003	01 58 18.3	−34 29 50.9	14.27	04814	004	02 02 52.2	−32 37 29.2	14.74	—
005	02 05 41.1	−35 26 20.1	14.83	06070	006	01 59 03.8	−34 36 18.2	14.99	04752
007	01 58 43.6	−34 58 32.5	15.18	10923	008	01 52 40.2	−35 24 23.4	15.38	05135
009	01 54 58.5	−36 26 04.3	15.47	—	010	02 05 53.8	−37 09 57.8	15.60	06964
011	01 52 36.8	−34 58 12.8	15.70	15443	012	02 05 02.1	−37 18 13.9	15.77	18234
013	01 50 21.6	−36 05 10.9	15.90	07592	014	01 49 53.7	−33 46 33.1	15.96	08703
015	01 52 31.8	−35 54 47.3	16.10	09988	016	02 02 56.9	−35 41 53.1	16.12	18332
017	01 48 27.5	−32 51 06.1	16.19	16203	018	02 02 01.8	−35 21 00.7	16.23	10382
019	02 04 08.8	−33 22 49.0	16.27	—	020	01 48 35.6	−33 02 00.8	16.33	03359
021	01 48 51.2	−36 22 27.8	16.35	05735	022	01 55 01.2	−37 06 01.3	16.37	13449
023	01 57 20.9	−35 51 23.2	16.38	08830	024	01 59 41.5	−32 35 07.4	16.46	—
025	01 51 24.5	−33 22 24.5	16.52	—	026	01 48 23.0	−34 18 57.3	16.52	—
027	02 08 01.9	−36 43 19.7	16.54	09835	028	01 51 51.9	−33 15 28.7	16.62	08624
029	01 51 58.9	−33 35 45.9	16.65	20529	030	02 03 34.5	−36 07 41.2	16.65	—
031	01 49 52.0	−36 17 38.4	16.67	—	032	01 48 52.2	−33 01 35.1	16.67	08092
033	01 53 49.4	−34 53 26.6	16.71	24259	034	02 10 44.7	−35 26 27.0	16.73	05996
035	02 03 11.7	−32 34 32.7	16.75	—	036	02 01 21.1	−32 42 32.9	16.76	—
037	02 02 21.6	−35 39 28.2	16.79	08990	038	01 53 04.3	−33 30 54.1	16.81	20435
039	02 11 30.9	−34 41 03.5	16.84	—	040	02 09 17.5	−35 04 19.4	16.87	13768
041	01 58 32.9	−33 19 56.1	16.88	22603	042	02 07 57.4	−36 38 47.5	16.90	16829
043	02 05 02.5	−37 13 22.7	16.92	18212	044	02 03 49.4	−35 43 17.1	16.92	—
045	02 04 57.8	−34 18 51.2	16.94	14230	046	02 11 02.7	−33 21 59.8	16.96	—
047	01 50 08.6	−36 07 08.4	16.96	09785	048	02 04 18.2	−32 35 15.5	16.98	07092
049	01 52 40.3	−33 26 17.7	17.00	26852	050	02 06 52.3	−36 16 29.2	17.00	24700
051	02 03 26.0	−32 51 53.4	17.02	—	052	01 53 58.8	−35 07 30.7	17.04	—
053	02 08 02.3	−32 33 58.9	17.04	—	054	01 58 50.3	−33 34 35.8	17.06	—
055	01 48 03.0	−33 06 29.7	17.08	—	056	01 54 01.8	−34 49 06.1	17.08	—
057	02 09 41.7	−34 33 35.3	17.10	—	058	02 04 37.6	−37 11 12.9	17.10	—
059	02 04 37.6	−37 11 12.9	17.10	—	060	02 06 49.2	−35 47 03.5	17.12	—
061	01 57 50.2	−33 34 39.2	17.13	—	062	02 10 35.9	−35 49 40.5	17.15	—
063	01 59 42.7	−34 13 39.6	17.17	—	064	02 04 27.7	−35 21 53.6	17.17	—
065	02 08 14.0	−36 58 30.5	17.19	—	066	01 58 01.8	−36 20 52.2	17.21	—
067	02 05 57.3	−34 24 48.5	17.21	—	068	01 55 55.5	−34 38 26.9	17.23	—
069	02 08 04.2	−32 34 27.1	17.25	—	070	02 00 20.5	−36 24 41.3	17.27	—
071	02 09 28.3	−34 23 04.1	17.27	—	072	01 58 33.4	−36 14 55.6	17.29	—
				355					
001	02 35 30.0	−33 08 25.9	13.10	04406	002	02 29 01.9	−36 15 20.7	13.94	—
003	02 28 43.5	−34 26 31.3	14.67	04483	004	02 31 07.7	−37 04 45.5	14.94	09434
005	02 35 56.7	−33 55 13.1	15.13	04991	006	02 15 04.5	−33 14 31.8	15.31	—
007	02 30 35.4	−33 13 20.2	15.58	10806	008	02 32 55.2	−34 05 10.3	15.79	06282
009	02 19 32.4	−34 06 31.0	15.92	—	010	02 15 13.5	−37 08 28.0	16.00	09467

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
011	02 23 42.1	−37 01 36.8	16.10	05769	012	02 20 54.8	−37 06 22.3	16.16	12913
013	02 34 51.7	−33 07 45.8	16.25	21429	014	02 24 21.8	−35 26 20.3	16.31	—
015	02 35 19.8	−33 26 58.9	16.32	06375	016	02 33 06.2	−37 11 39.0	16.36	13670
017	02 14 14.9	−36 05 16.1	16.39	09394	018	02 27 38.5	−35 01 18.3	16.41	—
019	02 24 41.7	−36 47 49.5	16.47	09553	020	02 16 20.7	−33 04 26.6	16.48	10224
021	02 34 26.4	−37 28 39.3	16.52	18456	022	02 28 47.3	−36 13 25.3	16.56	04696
023	02 18 24.8	−36 57 40.8	16.70	09256	024	02 17 38.6	−34 10 21.6	16.73	19741
025	02 25 06.3	−33 45 25.1	16.75	—	026	02 15 35.7	−37 22 06.8	16.79	12486
027	02 26 29.9	−36 27 34.2	16.82	13059	028	02 14 04.0	−35 12 14.3	16.85	15972
029	02 25 45.2	−33 39 51.5	16.87	—	030	02 19 36.9	−33 02 40.4	16.88	10509
031	02 26 11.4	−34 51 39.8	16.89	04892	032	02 20 53.0	−33 28 11.8	16.91	—
033	02 16 35.2	−33 59 54.5	16.94	20385	034	02 20 56.7	−37 06 25.2	16.97	—
035	02 14 10.8	−37 04 13.0	16.98	—	036	02 28 48.8	−32 57 52.3	16.99	10071
037	02 32 31.0	−33 26 24.8	17.01	19294	038	02 24 46.5	−36 33 16.0	17.03	09499
039	02 35 32.2	−34 12 30.0	17.05	—	040	02 22 42.8	−32 38 46.5	17.06	—
041	02 34 17.1	−35 28 04.6	17.08	03009	042	02 16 34.0	−36 45 39.1	17.11	—
043	02 26 16.6	−33 51 08.2	17.14	—	044	02 17 43.8	−37 20 10.3	17.15	—
045	02 22 00.9	−33 06 50.7	17.17	—	046	02 35 23.5	−37 06 39.3	17.18	—
047	02 13 45.6	−35 03 19.9	17.20	19550	048	02 26 05.7	−34 27 39.2	17.21	09575
049	02 34 56.2	−36 59 38.0	17.22	—	050	02 22 06.6	−33 06 44.4	17.23	—
051	02 18 20.2	−37 23 18.3	17.24	—	052	02 22 34.5	−32 38 35.8	17.25	—
053	02 27 04.6	−34 52 35.6	17.27	—	054	02 27 49.7	−33 41 47.5	17.29	—
				356					
001	02 55 50.4	−36 55 04.6	12.74	06154	002	02 46 47.0	−36 55 19.8	13.97	05129
003	02 48 27.7	−35 04 18.1	14.70	—	004	02 58 23.6	−37 07 06.8	14.88	01612
005	02 55 01.5	−34 43 33.5	15.02	—	006	02 44 56.0	−36 02 40.4	15.21	06192
007	02 46 18.6	−35 23 46.1	15.27	05042	008	02 45 08.3	−34 38 10.2	15.43	06332
009	02 51 01.0	−34 56 35.2	15.50	04374	010	02 46 14.4	−36 14 02.3	15.51	04452
011	02 52 09.5	−33 55 18.7	15.54	18897	012	02 50 25.3	−36 10 01.1	15.67	16782
013	02 52 48.3	−35 11 04.9	15.91	06331	014	02 52 03.3	−36 34 22.9	15.97	18828
015	02 51 07.0	−34 43 08.8	16.04	—	016	02 42 07.1	−36 14 04.9	16.07	06337
017	02 43 23.0	−35 48 13.9	16.10	—	018	02 48 13.9	−35 01 18.9	16.22	10888
019	02 56 31.5	−34 02 05.8	16.24	04832	020	02 58 25.5	−37 17 40.5	16.30	19816
021	02 38 06.2	−35 44 23.0	16.32	—	022	02 48 19.2	−35 12 59.2	16.34	10463
023	02 50 06.4	−36 24 19.7	16.36	28593	024	02 50 38.6	−35 41 18.5	16.40	—
025	02 46 13.6	−37 06 52.8	16.42	11693	026	02 55 49.6	−36 11 07.9	16.43	15743
027	02 59 22.8	−37 23 44.9	16.45	—	028	02 45 25.4	−35 17 29.3	16.48	25976
029	02 56 32.7	−34 14 16.4	16.50	19122	030	02 53 51.8	−34 26 43.5	16.51	19162
031	02 57 57.1	−35 57 56.0	16.52	—	032	02 56 46.4	−37 24 58.6	16.62	19757
033	02 42 30.9	−33 48 04.6	16.65	—	034	02 50 04.3	−35 56 01.9	16.67	16371
035	02 48 49.9	−35 17 14.4	16.68	11369	036	02 41 45.4	−34 18 13.4	16.69	—
037	02 38 17.2	−33 38 56.1	16.70	10648	038	02 49 01.6	−35 00 56.1	16.71	11465
039	02 50 44.0	−33 42 45.7	16.72	—	040	02 57 56.6	−36 17 54.1	16.73	23000
041	02 52 41.3	−36 23 12.5	16.74	19053	042	02 54 30.8	−35 07 51.1	16.74	—
043	02 44 09.3	−36 35 34.0	16.76	10497	044	02 55 12.0	−32 30 19.4	16.77	04746
045	02 42 16.6	−34 54 13.6	16.77	—	046	02 37 17.1	−33 48 25.7	16.79	—
047	02 51 28.0	−33 42 13.6	16.81	04617	048	02 50 57.1	−35 29 30.2	16.83	—
049	02 57 03.7	−36 53 38.4	16.85	07638	050	02 50 44.0	−34 43 05.7	16.86	—
051	02 47 09.3	−33 21 38.4	16.87	10823	052	02 49 34.3	−35 16 47.3	16.89	10389
053	02 57 19.4	−36 11 01.2	16.90	—	054	02 57 13.9	−37 29 43.1	16.91	19380
055	02 50 47.4	−33 04 12.3	16.92	04946	056	02 54 55.2	−35 45 04.6	16.93	26392
057	02 38 22.8	−35 34 29.8	16.95	—	058	02 45 26.9	−34 55 43.7	16.96	24846
059	02 50 43.2	−34 31 05.0	16.97	—	060	02 47 22.2	−33 05 34.7	16.98	—
061	02 59 05.0	−32 55 14.9	17.00	28087	062	02 38 23.3	−33 10 41.6	17.01	—
063	02 50 35.1	−33 28 49.5	17.01	—	064	02 47 22.5	−36 37 23.3	17.02	—
065	02 54 59.8	−36 41 23.2	17.03	—	066	02 47 35.2	−36 18 37.5	17.04	04060
067	02 59 14.4	−37 18 32.2	17.06	—	068	02 56 23.3	−35 58 15.6	17.06	—
069	02 51 24.7	−36 24 31.9	17.07	—	070	02 47 17.3	−34 19 15.8	17.08	—
071	02 38 03.8	−33 29 13.0	17.08	—	072	02 53 16.2	−34 47 43.7	17.09	—
073	02 52 59.9	−35 53 53.3	17.12	—	074	02 54 58.7	−34 15 12.7	17.12	—
075	02 46 30.6	−35 02 09.8	17.14	18876	076	02 51 49.4	−35 51 28.3	17.14	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
077	02 52 53.2	−34 17 29.7	17.15	—	078	02 43 53.4	−36 35 53.2	17.16	—
079	02 59 41.3	−37 06 07.1	17.17	—	080	02 58 17.3	−37 11 04.0	17.18	—
081	02 41 27.2	−32 53 40.2	17.20	—	082	02 46 53.7	−35 15 07.3	17.20	—
083	02 55 45.0	−35 50 27.1	17.21	—	084	02 38 40.5	−33 19 06.7	17.21	—
085	02 41 20.3	−35 11 55.4	17.23	—	086	02 38 17.3	−33 38 29.6	17.23	—
087	02 38 40.0	−33 52 45.2	17.24	—	088	02 39 27.3	−35 56 59.1	17.26	—
089	02 44 09.1	−37 07 30.1	17.27	—	090	02 50 22.4	−35 42 16.9	17.28	—
091	02 48 46.2	−34 17 57.5	17.29	—	092	02 57 35.2	−34 07 11.6	17.30	—
				357					
001	03 20 47.6	−37 23 07.8	10.70	01521	002	03 15 11.9	−32 45 29.7	12.69	04333
003	03 23 04.0	−37 11 05.7	14.54	01913	004	03 08 22.8	−33 20 41.5	14.70	01110
005	03 21 40.9	−35 57 18.1	15.42	01823	006	03 23 09.7	−37 06 09.9	15.53	01802
007	03 19 08.1	−36 54 15.6	15.78	12478	008	03 22 38.1	−34 16 46.3	15.94	—
009	03 19 04.4	−35 52 29.1	16.10	12944	010	03 17 24.0	−32 49 47.5	16.14	01673
011	03 15 52.4	−33 14 25.4	16.16	04569	012	03 08 13.8	−36 49 22.3	16.26	10480
013	03 18 58.8	−35 46 30.5	16.32	04139	014	03 10 28.6	−35 56 38.2	16.34	—
015	03 00 56.0	−35 42 21.8	16.38	04451	016	03 06 09.7	−34 22 08.3	16.40	16796
017	03 17 20.0	−32 56 29.6	16.45	13161	018	03 06 36.0	−34 45 46.0	16.49	—
019	03 06 56.5	−32 41 32.2	16.52	—	020	03 06 55.5	−36 55 02.4	16.53	18767
021	03 06 24.0	−36 47 11.7	16.58	—	022	03 14 41.0	−35 17 22.2	16.60	—
023	03 05 17.2	−33 21 52.4	16.64	—	024	03 16 33.5	−33 17 55.3	16.66	15536
025	03 13 42.2	−33 43 31.0	16.69	—	026	03 12 51.5	−33 43 09.1	16.70	20010
027	03 01 18.3	−37 24 34.3	16.73	—	028	03 10 05.2	−36 36 46.8	16.75	—
029	03 08 44.2	−36 12 42.4	16.77	—	030	03 04 02.2	−35 26 40.3	16.79	19876
031	03 13 41.6	−37 03 29.4	16.82	—	032	03 06 16.4	−36 53 45.8	16.83	19712
033	03 14 40.9	−37 26 24.7	16.85	—	034	03 12 26.6	−35 59 16.8	16.87	19500
035	03 16 37.8	−34 14 09.4	16.90	—	036	03 05 42.4	−35 41 05.1	16.92	04456
037	03 08 11.0	−35 11 50.5	16.94	—	038	03 17 23.0	−32 55 36.7	16.95	—
039	03 05 59.0	−36 54 33.2	16.95	20010	040	03 04 31.0	−33 26 06.1	16.97	—
041	03 11 59.2	−32 54 09.3	16.98	—	042	03 14 15.9	−36 18 01.4	17.01	—
043	03 02 15.9	−33 11 39.9	17.03	16799	044	03 16 20.7	−34 12 33.8	17.03	—
045	03 14 20.7	−37 12 32.3	17.04	—	046	03 05 56.8	−35 32 53.1	17.06	18284
047	03 23 29.5	−37 26 23.8	17.09	—	048	03 03 51.5	−37 18 51.0	17.09	—
049	03 19 39.6	−36 54 44.8	17.12	—	050	03 07 43.2	−33 23 32.0	17.12	—
051	03 00 29.3	−37 05 30.3	17.14	29305	052	03 21 54.1	−35 16 08.6	17.14	—
053	03 04 14.7	−37 04 37.8	17.15	—	054	03 04 41.6	−36 49 55.0	17.16	—
055	03 18 02.7	−34 58 11.5	17.17	—	056	03 01 09.0	−36 48 42.8	17.19	16017
057	03 21 53.9	−37 25 39.0	17.19	17652	058	03 03 01.2	−37 27 31.6	17.20	—
059	03 07 33.3	−32 54 09.3	17.21	19176	060	03 07 40.7	−32 48 30.1	17.23	—
061	03 03 42.5	−35 02 05.9	17.24	19326	062	03 13 40.0	−33 28 17.6	17.25	—
063	03 12 06.9	−33 01 38.4	17.26	—	064	03 21 08.9	−36 03 32.3	17.27	—
065	03 04 42.5	−32 44 58.0	17.27	—	066	03 22 57.5	−35 04 08.3	17.28	—
067	03 19 46.9	−32 49 19.1	17.29	—	068	03 08 02.9	−36 43 15.3	17.30	—
				344					
001	21 59 12.7	−41 19 53.2	14.13	10683	002	22 03 07.9	−41 00 27.5	14.42	10957
003	22 11 44.0	−39 03 19.2	14.59	11658	004	22 15 28.6	−38 17 20.8	14.69	10629
005	21 58 04.8	−38 04 02.8	14.91	—	006	21 54 02.8	−38 29 04.1	15.11	09601
007	21 54 07.3	−38 29 05.9	15.11	09774	008	22 13 02.4	−41 18 25.5	15.34	14753
009	22 01 30.5	−37 44 15.3	15.52	09965	010	22 00 31.1	−37 50 40.5	15.61	—
011	22 14 25.9	−38 15 38.3	15.67	21529	012	22 07 38.7	−41 25 45.9	15.77	08242
013	21 58 42.1	−39 59 52.0	15.82	20826	014	21 54 43.7	−40 05 38.9	15.92	—
015	22 17 41.8	−39 07 20.7	16.00	14350	016	22 00 35.4	−38 39 07.1	16.04	—
017	22 07 49.5	−37 53 12.6	16.06	10431	018	22 09 52.4	−38 43 32.0	16.10	10822
019	22 05 15.0	−38 27 04.6	16.13	11039	020	22 15 38.9	−39 54 30.7	16.21	18788
021	21 57 55.0	−40 30 30.0	16.21	20196	022	22 00 16.4	−38 18 34.4	16.23	16991
023	22 08 24.0	−41 58 10.6	16.27	16360	024	22 17 11.1	−41 55 37.7	16.29	20557
025	22 16 21.2	−39 31 13.9	16.31	—	026	21 56 24.5	−40 25 46.0	16.33	18946
027	22 06 00.5	−40 58 36.6	16.35	18655	028	22 15 41.9	−39 09 00.6	16.38	—
029	22 03 07.1	−37 58 41.8	16.40	—	030	22 13 17.7	−41 31 28.6	16.42	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
031	22 09 53.8	−42 17 51.7	16.44	—	032	22 03 21.9	−39 10 04.3	16.46	11044
033	22 18 50.3	−41 44 07.9	16.51	—	034	22 17 42.1	−38 40 19.3	16.54	—
035	22 07 30.6	−38 22 58.6	16.56	—	036	22 15 46.4	−41 47 26.1	16.60	—
037	22 14 14.6	−40 40 05.3	16.62	14304	038	22 12 34.1	−38 24 05.1	16.63	16942
039	22 07 54.8	−41 07 50.0	16.65	17240	040	21 58 40.3	−37 47 22.4	16.65	02687
041	21 56 03.6	−40 11 44.6	16.65	—	042	22 08 28.4	−40 40 28.1	16.65	—
043	22 10 28.1	−41 48 45.6	16.69	—	044	22 12 17.4	−40 28 06.9	16.73	19125
045	22 12 36.7	−41 13 35.9	16.77	—	046	21 54 43.9	−38 23 37.2	16.79	—
047	22 03 40.3	−39 28 42.3	16.79	—	048	22 18 19.3	−38 52 44.6	16.80	17302
049	22 00 56.5	−37 57 34.7	16.83	—	050	22 05 24.9	−41 51 22.3	16.85	—
051	22 04 44.7	−39 18 08.9	16.87	10825	052	22 15 23.0	−39 46 13.8	16.90	18348
053	22 18 50.7	−42 23 25.4	16.91	—	054	22 10 46.5	−41 24 41.4	16.92	—
055	22 15 31.0	−40 42 10.4	16.94	—	056	22 16 40.3	−39 16 04.9	16.96	—
057	22 08 55.0	−40 01 28.9	16.98	—	058	22 06 28.9	−39 14 41.2	16.98	—
059	22 03 53.6	−39 30 13.7	17.00	—	060	22 09 01.1	−38 47 21.1	17.02	11206
061	22 04 44.1	−39 17 41.5	17.02	—	062	22 09 51.4	−40 49 05.7	17.04	22303
063	22 15 20.5	−39 53 47.4	17.06	—	064	22 18 33.8	−40 39 38.2	17.06	—
065	22 10 51.2	−40 53 05.6	17.08	—	066	22 16 20.1	−38 36 52.1	17.10	—
067	22 03 05.6	−39 34 45.0	17.12	21318	068	22 17 05.7	−37 52 47.7	17.13	—
069	22 02 49.4	−39 23 45.5	17.13	—	070	22 11 02.2	−37 30 16.7	17.14	—
071	21 57 28.8	−40 10 43.2	17.15	20372	072	21 57 48.9	−38 47 20.1	17.15	—
073	22 03 39.2	−41 31 04.0	17.19	—	074	21 53 11.4	−38 42 45.5	17.19	—
075	22 10 13.0	−41 43 01.3	17.19	—	076	21 58 01.3	−42 26 32.1	17.21	—
077	21 55 42.8	−41 27 28.2	17.21	—	078	22 18 00.5	−40 13 01.8	17.21	—
079	22 11 09.1	−41 24 09.1	17.23	—	080	21 59 07.8	−41 33 52.5	17.23	19050
081	22 17 02.7	−39 06 27.0	17.25	—	082	22 06 45.5	−37 53 59.5	17.25	—
083	22 01 48.4	−37 46 21.3	17.26	—	084	22 14 09.8	−37 30 57.1	17.27	—
085	22 04 23.0	−39 38 06.1	17.29	—	086	21 59 39.7	−37 42 18.3	17.29	—
					345				
001	22 30 57.0	−41 11 31.5	12.73	02014	002	22 19 19.9	−40 20 33.0	13.91	02282
003	22 20 34.6	−38 17 27.9	14.75	08250	004	22 29 44.1	−38 18 22.1	14.82	03058
005	22 31 00.1	−39 39 23.5	15.06	17100	006	22 22 11.1	−38 08 34.4	15.13	—
007	22 23 47.2	−41 49 44.4	15.25	19834	008	22 40 21.6	−40 18 40.4	15.33	09157
009	22 30 38.8	−37 48 07.7	15.42	10800	010	22 20 13.5	−38 14 48.3	15.57	08428
011	22 21 48.4	−38 49 31.6	15.71	02570	012	22 40 20.1	−39 44 26.2	15.78	09586
013	22 19 35.6	−38 53 06.9	15.80	08366	014	22 40 39.1	−39 19 00.9	15.85	—
015	22 33 52.7	−39 14 42.2	15.87	02023	016	22 29 42.5	−37 57 58.7	15.89	—
017	22 41 56.2	−40 06 20.6	15.94	—	018	22 30 43.7	−42 11 21.5	15.98	—
019	22 32 11.3	−38 30 50.3	15.99	09016	020	22 21 00.0	−38 28 30.3	16.01	—
021	22 28 37.0	−38 27 38.2	16.07	21790	022	22 22 23.5	−38 14 34.7	16.09	11291
023	22 34 32.8	−40 31 30.5	16.15	—	024	22 39 32.3	−40 14 11.8	16.17	09040
025	22 42 18.0	−40 10 59.8	16.21	09793	026	22 29 55.3	−40 36 57.1	16.22	—
027	22 31 51.2	−39 05 25.1	16.23	17343	028	22 36 17.6	−42 28 07.2	16.25	—
029	22 28 54.9	−41 18 14.1	16.27	—	030	22 28 01.2	−38 11 06.4	16.28	—
031	22 41 44.9	−40 01 01.3	16.32	—	032	22 29 24.2	−41 53 23.2	16.33	02624
033	22 19 17.1	−39 54 47.8	16.34	15152	034	22 23 38.8	−40 26 31.6	16.36	—
035	22 26 09.2	−40 00 55.7	16.39	10721	036	22 38 02.6	−39 36 49.6	16.42	16497
037	22 44 31.3	−41 08 47.0	16.45	19906	038	22 37 45.1	−41 02 29.6	16.47	—
039	22 29 47.2	−37 57 43.7	16.50	—	040	22 20 11.1	−39 41 42.0	16.50	16168
041	22 31 44.5	−37 50 17.0	16.52	11034	042	22 35 25.0	−38 52 36.0	16.53	18207
043	22 31 39.8	−38 57 59.8	16.54	—	044	22 36 39.7	−37 47 18.7	16.57	13483
045	22 35 27.2	−40 32 18.0	16.58	17417	046	22 19 18.6	−38 52 54.3	16.61	—
047	22 38 31.3	−42 18 10.1	16.62	—	048	22 31 37.6	−39 02 00.6	16.63	—
049	22 44 53.9	−37 38 44.8	16.64	—	050	22 32 58.0	−39 08 45.8	16.66	—
051	22 33 45.6	−39 29 58.7	16.67	—	052	22 31 01.7	−40 35 34.6	16.67	15630
053	22 39 26.8	−39 10 24.3	16.68	—	054	22 30 30.3	−38 27 36.1	16.69	21614
055	22 27 40.7	−38 16 25.0	16.71	—	056	22 38 22.4	−40 03 59.2	16.72	—
057	22 44 02.5	−39 30 41.5	16.74	—	058	22 36 48.8	−37 59 23.0	16.75	—
059	22 29 35.1	−42 28 34.1	16.76	—	060	22 34 04.6	−41 04 10.7	16.76	—
061	22 30 40.1	−40 29 07.8	16.77	—	062	22 27 43.1	−39 38 53.1	16.79	—
063	22 32 05.8	−40 23 51.9	16.81	—	064	22 21 47.4	−42 04 26.9	16.81	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
065	22 36 50.5	−38 38 45.3	16.82	—	066	22 24 03.6	−40 10 33.7	16.83	21517
067	22 41 09.5	−38 39 19.3	16.84	—	068	22 43 06.9	−37 40 21.0	16.84	10804
069	22 44 07.9	−41 09 24.5	16.86	—	070	22 41 04.9	−38 55 14.2	16.87	—
071	22 42 39.8	−40 50 20.6	16.88	17293	072	22 44 23.8	−38 08 45.1	16.89	—
073	22 28 22.5	−42 07 12.1	16.90	17302	074	22 24 37.8	−40 55 18.6	16.91	17752
075	22 24 01.5	−40 08 55.4	16.92	—	076	22 21 11.2	−38 35 34.2	16.93	—
077	22 31 53.3	−37 53 03.8	16.95	—	078	22 32 49.7	−41 45 41.9	16.96	22447
079	22 44 02.9	−39 30 42.4	16.96	—	080	22 31 59.9	−37 59 37.4	16.99	—
081	22 41 38.6	−41 28 20.0	16.99	20156	082	22 33 21.3	−39 08 35.3	17.00	—
083	22 37 05.3	−41 32 02.3	17.03	09088	084	22 41 55.5	−38 29 17.5	17.04	—
085	22 36 15.8	−40 04 36.7	17.05	—	086	22 33 02.0	−40 14 36.1	17.06	—
087	22 32 28.8	−38 49 56.1	17.06	—	088	22 41 26.8	−40 07 39.8	17.08	—
089	22 36 39.1	−38 00 26.8	17.09	—	090	22 33 25.8	−41 56 02.7	17.09	—
091	22 31 21.3	−40 09 55.1	17.11	—	092	22 29 50.3	−40 39 51.1	17.11	—
093	22 25 46.5	−38 58 06.8	17.12	—	094	22 25 02.9	−39 37 25.1	17.12	—
095	22 28 07.1	−38 03 34.2	17.13	—	096	22 30 15.9	−38 08 15.7	17.14	—
097	22 31 07.6	−39 40 56.3	17.15	—	098	22 36 03.0	−38 27 53.4	17.16	—
099	22 29 29.9	−37 59 34.6	17.17	—	100	22 43 11.5	−38 10 00.8	17.17	—
101	22 30 41.4	−42 06 31.4	17.17	—	102	22 24 22.4	−41 33 09.4	17.18	—
103	22 23 34.7	−41 51 52.2	17.18	—	104	22 27 11.1	−40 52 45.9	17.19	—
105	22 42 08.8	−37 51 08.5	17.20	—	106	22 30 37.0	−40 54 46.0	17.20	—
107	22 37 11.9	−42 20 57.2	17.20	—	108	22 34 30.1	−38 00 16.2	17.21	—
109	22 37 56.4	−38 37 33.7	17.21	—	110	22 39 52.8	−38 17 27.9	17.22	—
111	22 35 00.2	−41 09 03.0	17.22	—	112	22 30 49.0	−39 38 00.6	17.23	—
113	22 22 10.8	−41 46 56.2	17.23	—	114	22 22 36.5	−38 49 57.2	17.24	—
115	22 44 52.2	−37 33 48.6	17.25	—	116	22 28 37.0	−42 06 36.5	17.26	—
117	22 28 19.4	−38 06 57.7	17.26	—	118	22 40 59.8	−37 40 42.4	17.27	—
119	22 43 38.0	−40 03 49.1	17.28	—	120	22 41 00.2	−37 35 32.2	17.29	—
121	22 38 23.9	−39 55 02.4	17.30	—	122	22 36 27.2	−39 55 14.1	17.30	—
					346				
001	22 52 10.6	−39 55 49.2	11.70	01448	002	22 46 33.0	−37 44 10.8	13.66	08538
003	22 59 17.9	−41 26 00.5	14.79	01688	004	23 05 31.3	−38 02 31.6	15.09	—
005	22 47 42.4	−40 02 41.5	15.36	—	006	23 01 22.8	−39 31 55.9	15.44	16916
007	23 02 29.0	−40 42 07.0	15.65	16585	008	22 49 33.0	−40 34 40.7	15.73	10001
009	22 46 13.6	−37 37 53.8	15.82	—	010	22 57 56.5	−37 36 30.5	15.91	08358
011	22 51 24.3	−40 24 55.7	15.97	09421	012	23 09 04.0	−40 38 35.7	16.12	—
013	22 56 12.8	−40 53 25.1	16.17	17043	014	22 47 10.3	−38 35 15.4	16.25	—
015	23 10 51.8	−42 16 03.7	16.29	01766	016	22 59 47.5	−42 27 55.0	16.30	—
017	23 06 13.9	−39 04 57.8	16.31	—	018	23 04 45.1	−40 05 02.1	16.34	17915
019	22 57 00.5	−38 53 48.9	16.38	10333	020	22 57 47.0	−42 17 05.0	16.40	—
021	22 49 37.6	−38 14 12.0	16.44	08411	022	22 48 22.9	−38 05 38.4	16.49	—
023	22 55 57.4	−39 25 54.3	16.51	—	024	23 06 10.9	−39 48 20.1	16.52	05307
025	23 08 43.3	−40 50 15.6	16.54	13455	026	22 50 51.4	−39 56 54.0	16.58	08610
027	22 57 24.9	−38 02 12.3	16.61	—	028	23 10 30.1	−39 25 16.3	16.63	—
029	22 49 27.3	−41 01 27.9	16.64	—	030	22 55 17.4	−41 28 07.5	16.65	—
031	23 01 39.6	−39 23 32.8	16.69	—	032	22 53 38.0	−39 38 39.2	16.72	08371
033	23 05 42.6	−40 34 42.9	16.74	16653	034	22 49 03.8	−40 33 51.5	16.76	09677
035	23 00 05.8	−38 07 41.7	16.77	08432	036	23 07 18.8	−39 24 34.5	16.81	—
037	23 01 18.3	−41 15 52.5	16.82	—	038	22 49 21.5	−40 33 52.3	16.85	—
039	23 03 22.6	−37 39 18.4	16.85	11676	040	22 45 40.6	−39 26 46.1	16.88	02639
041	23 01 10.0	−40 33 20.4	16.92	—	042	23 05 16.1	−39 33 03.3	16.92	—
043	22 53 18.2	−40 18 32.0	16.94	—	044	22 51 32.2	−40 04 24.6	16.96	—
045	23 00 12.8	−39 50 29.9	16.97	16856	046	23 02 21.7	−40 30 53.2	16.98	—
047	23 09 01.9	−38 59 22.2	16.99	09762	048	22 58 37.2	−40 47 43.3	17.00	—
049	23 00 33.2	−38 33 38.8	17.01	16082	050	22 53 30.9	−37 49 17.7	17.04	—
051	23 07 45.4	−39 34 31.8	17.05	—	052	22 57 41.5	−41 57 38.7	17.07	—
053	23 06 13.0	−38 28 41.2	17.08	—	054	22 50 17.3	−42 28 01.4	17.08	—
055	23 02 40.1	−37 56 14.0	17.09	—	056	23 01 37.6	−39 37 07.4	17.09	00935
057	22 52 54.0	−38 17 56.0	17.10	—	058	23 07 02.4	−39 22 25.0	17.14	—
059	23 10 35.0	−41 00 03.3	17.16	—	060	22 48 59.6	−40 03 23.8	17.18	17012
061	23 06 09.1	−41 49 03.9	17.19	—	062	22 52 34.5	−38 17 32.8	17.20	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
063	23 04 49.7	−38 03 50.9	17.21	18029	064	22 58 50.6	−41 42 49.7	17.23	—
065	23 02 23.3	−37 40 19.9	17.28	—	066	22 58 26.0	−39 10 50.0	17.29	—
067	23 00 45.0	−42 07 29.4	17.29	—	068	23 04 56.3	−38 06 02.6	17.30	—
				347					
001	23 33 36.0	−38 12 52.0	11.40	00688	002	23 12 47.6	−38 48 27.3	13.74	02884
003	23 12 07.9	−38 07 41.0	14.58	02834	004	23 20 30.6	−38 06 50.8	14.86	16015
005	23 30 10.7	−37 59 01.9	15.05	—	006	23 28 50.2	−42 25 24.1	15.15	01685
007	23 33 23.0	−40 48 42.8	15.25	—	008	23 17 46.6	−42 02 37.2	15.32	16749
009	23 33 14.9	−41 00 10.4	15.43	15697	010	23 29 22.9	−39 49 52.2	15.47	—
011	23 31 46.2	−38 37 15.6	15.55	—	012	23 31 41.2	−38 02 24.6	15.60	11377
013	23 22 42.0	−38 43 19.7	15.62	10717	014	23 27 58.7	−41 30 57.1	15.63	17064
015	23 20 13.6	−37 51 41.3	15.69	—	016	23 26 44.5	−41 29 41.8	15.79	—
017	23 19 02.1	−38 41 11.8	15.79	10542	018	23 33 34.3	−37 45 37.9	15.83	16033
019	23 23 42.4	−39 29 28.1	15.86	10877	020	23 20 39.9	−40 33 02.1	15.99	15445
021	23 35 30.3	−40 10 44.2	16.01	—	022	23 23 14.0	−39 34 47.8	16.03	10344
023	23 34 55.6	−37 33 40.4	16.07	15947	024	23 34 51.1	−40 59 36.0	16.13	15843
025	23 26 35.7	−38 11 15.1	16.16	16131	026	23 30 46.8	−38 55 11.9	16.16	16128
027	23 14 04.9	−39 13 51.6	16.18	—	028	23 20 18.8	−38 14 38.5	16.20	—
029	23 26 28.0	−38 40 43.0	16.23	10825	030	23 26 51.0	−38 55 54.5	16.27	—
031	23 17 07.2	−41 04 01.3	16.29	15496	032	23 35 12.2	−38 31 21.4	16.35	—
033	23 31 41.7	−39 53 56.8	16.36	18341	034	23 23 17.6	−40 56 07.2	16.37	—
035	23 32 18.2	−40 43 19.6	16.40	13516	036	23 31 51.8	−39 48 34.2	16.41	—
037	23 29 51.9	−41 30 04.5	16.43	17111	038	23 34 00.4	−38 56 49.4	16.45	—
039	23 23 46.4	−39 48 50.4	16.48	15041	040	23 19 53.3	−40 55 17.8	16.49	17017
041	23 34 10.1	−39 34 52.1	16.50	17033	042	23 27 12.3	−37 48 39.6	16.51	15999
043	23 26 17.7	−38 34 12.8	16.52	—	044	23 16 07.9	−40 50 50.1	16.54	—
045	23 29 46.3	−41 03 03.7	16.54	14754	046	23 11 37.1	−41 36 16.5	16.56	—
047	23 34 37.8	−38 13 49.2	16.58	—	048	23 27 28.5	−38 11 03.3	16.59	16042
049	23 20 57.2	−38 03 11.2	16.60	—	050	23 16 00.4	−39 43 00.8	16.62	17307
051	23 31 56.8	−40 20 52.7	16.63	15980	052	23 29 34.8	−38 04 01.3	16.65	10799
053	23 35 33.8	−40 53 36.6	16.67	15370	054	23 15 50.2	−42 17 45.8	16.68	—
055	23 23 18.9	−38 23 42.9	16.69	10897	056	23 35 39.7	−40 40 01.8	16.69	24874
057	23 34 08.8	−37 34 43.6	16.72	11492	058	23 33 31.3	−40 56 51.5	16.74	15114
059	23 25 45.3	−38 31 11.8	16.76	—	060	23 27 19.1	−37 59 30.9	16.78	27734
061	23 15 46.4	−37 34 14.2	16.80	18263	062	23 25 48.4	−41 31 43.8	16.82	—
063	23 17 58.3	−41 37 21.1	16.83	17222	064	23 26 58.9	−39 41 50.8	16.85	—
065	23 11 16.9	−41 38 55.2	16.86	10287	066	23 31 37.9	−38 46 53.9	16.88	—
067	23 32 49.8	−37 45 01.2	16.89	—	068	23 27 15.5	−39 43 39.1	16.89	17009
069	23 35 42.1	−42 22 09.6	16.89	—	070	23 32 57.2	−38 44 41.2	16.90	—
071	23 20 51.9	−39 53 52.8	16.91	—	072	23 19 33.0	−42 16 35.7	16.92	27095
073	23 30 59.5	−39 52 14.3	16.94	16097	074	23 22 14.9	−41 28 08.9	16.94	16204
075	23 31 58.3	−38 11 31.3	16.95	—	076	23 26 54.2	−38 59 01.1	16.95	—
077	23 35 04.7	−40 08 18.5	16.97	—	078	23 12 08.3	−40 56 44.1	16.98	—
079	23 25 45.5	−41 27 48.8	16.99	—	080	23 17 50.8	−42 29 56.2	17.00	—
081	23 24 33.2	−39 49 35.8	17.00	—	082	23 33 46.0	−39 49 11.4	17.01	—
083	23 14 33.7	−39 26 35.2	17.02	—	084	23 31 57.6	−40 50 24.2	17.03	—
085	23 19 51.1	−42 27 21.9	17.04	—	086	23 12 05.4	−38 00 26.2	17.04	—
087	23 36 36.9	−39 04 24.7	17.06	—	088	23 16 55.5	−41 12 02.2	17.06	—
089	23 11 19.4	−38 46 42.0	17.06	—	090	23 28 02.7	−40 11 23.6	17.07	—
091	23 27 19.6	−39 37 11.4	17.08	—	092	23 35 42.2	−38 26 19.8	17.09	—
093	23 27 56.7	−39 56 55.2	17.10	—	094	23 30 08.0	−37 34 25.8	17.11	—
095	23 34 33.8	−38 49 30.9	17.12	—	096	23 21 11.9	−41 36 47.8	17.15	—
097	23 21 24.2	−40 30 49.2	17.16	—	098	23 22 33.2	−42 28 48.8	17.17	—
099	23 14 32.5	−39 29 38.4	17.18	—	100	23 26 28.1	−38 07 09.6	17.19	—
101	23 29 36.8	−38 26 05.7	17.20	—	102	23 34 03.9	−40 26 21.3	17.20	—
103	23 35 55.3	−41 29 44.2	17.21	—	104	23 21 27.6	−38 17 57.1	17.22	—
105	23 23 48.8	−40 20 12.3	17.23	—	106	23 25 48.3	−39 33 41.7	17.24	—
107	23 14 09.5	−41 19 53.8	17.25	—	108	23 36 53.1	−37 33 58.0	17.25	—
109	23 33 07.4	−40 06 19.1	17.26	—	110	23 18 07.3	−37 44 25.9	17.26	—
111	23 19 25.0	−38 51 50.6	17.27	—	112	23 35 20.3	−41 11 44.7	17.28	—
113	23 29 37.8	−38 09 57.7	17.29	—	114	23 27 46.4	−38 27 16.2	17.29	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
115	23 11 17.7	−41 07 24.2	17.30	—	116	23 16 34.5	−41 43 25.1	17.30	—
117	23 33 44.9	−38 11 34.6	17.30	—					
				348					
001	23 48 17.5	−41 00 34.1	13.05	01634	002	23 45 33.3	−38 41 26.8	14.71	—
003	23 44 06.9	−38 44 47.7	14.96	12370	004	23 42 45.7	−38 36 52.0	15.21	12736
005	23 41 03.0	−38 57 27.1	15.23	12529	006	23 40 03.3	−39 20 34.0	15.27	12502
007	23 53 27.8	−41 10 09.2	15.38	18449	008	23 45 13.0	−37 52 29.6	15.51	13005
009	23 59 22.9	−40 56 26.7	15.58	14984	010	23 50 38.1	−42 01 38.9	15.62	08731
011	23 53 27.2	−40 02 18.8	15.68	—	012	23 44 58.2	−38 20 38.1	15.71	13279
013	23 41 55.8	−37 39 49.5	15.86	12534	014	23 39 26.8	−39 29 37.5	15.87	12835
015	23 44 21.1	−38 54 02.8	15.97	—	016	23 51 09.2	−37 57 08.4	15.99	13306
017	23 42 54.7	−37 53 04.1	16.02	15649	018	23 41 55.5	−38 15 05.5	16.05	—
019	23 58 34.5	−38 24 17.2	16.12	13400	020	23 54 41.9	−41 10 20.1	16.16	14980
021	23 42 08.0	−40 22 39.5	16.17	15309	022	23 50 44.7	−40 01 28.0	16.19	15533
023	23 54 45.8	−41 10 18.5	16.23	—	024	23 45 45.8	−38 21 03.4	16.26	—
025	23 53 55.1	−39 26 19.4	16.30	—	026	23 56 33.4	−38 55 23.1	16.32	15028
027	23 47 23.1	−38 52 48.5	16.33	12220	028	23 41 24.9	−38 11 42.3	16.35	—
029	23 49 57.5	−40 45 36.9	16.40	—	030	23 52 15.5	−39 13 49.8	16.43	18222
031	23 49 23.7	−39 43 13.2	16.45	11956	032	23 42 09.9	−37 33 46.5	16.46	—
033	23 54 38.7	−38 58 23.8	16.49	15158	034	23 47 45.8	−38 27 22.6	16.51	12617
035	23 54 51.2	−41 20 21.4	16.52	14864	036	23 59 26.6	−39 38 04.2	16.55	08637
037	23 39 23.8	−39 54 38.3	16.58	—	038	23 47 02.4	−38 51 31.2	16.60	12838
039	23 42 34.2	−37 47 28.1	16.61	09736	040	23 42 17.2	−41 29 01.1	16.62	12287
041	23 42 52.8	−40 51 01.4	16.65	19909	042	23 40 18.0	−38 58 33.9	16.66	—
043	23 58 28.7	−41 04 53.5	16.66	20566	044	23 45 44.4	−38 37 39.8	16.68	—
045	23 38 36.2	−39 14 08.9	16.71	13636	046	23 37 41.2	−40 57 57.9	16.72	—
047	23 39 24.2	−38 06 54.3	16.73	32858	048	23 37 40.1	−40 59 19.6	16.74	—
049	23 54 10.6	−37 50 23.5	16.76	15204	050	23 38 01.0	−42 14 26.3	16.77	18697
051	23 39 33.7	−41 01 24.0	16.79	—	052	23 39 20.0	−39 55 22.6	16.81	—
053	23 48 02.6	−42 23 34.3	16.82	26220	054	23 55 38.8	−39 49 15.0	16.83	12845
055	23 49 58.6	−40 26 07.2	16.86	—	056	23 50 05.2	−37 42 02.6	16.87	10398
057	23 47 36.0	−38 13 42.1	16.88	12994	058	23 43 37.5	−40 07 26.5	16.90	—
059	23 54 27.2	−40 09 12.1	16.93	20850	060	23 49 19.6	−41 26 25.8	16.96	19898
061	23 53 25.4	−41 27 49.8	16.97	—	062	23 44 38.4	−38 51 02.3	16.97	12747
063	23 52 10.5	−38 18 46.8	16.97	17428	064	23 54 35.7	−41 28 16.3	16.98	17926
065	23 59 57.1	−40 53 22.4	16.99	—	066	23 49 09.2	−40 11 37.5	16.99	—
067	23 40 35.6	−41 27 04.6	17.00	15362	068	23 45 50.8	−38 33 30.2	17.01	12437
069	23 54 21.9	−39 28 01.6	17.02	15701	070	23 40 57.6	−39 53 10.3	17.03	12191
071	23 59 45.6	−38 01 43.3	17.03	14786	072	23 56 44.8	−41 53 03.7	17.05	15746
073	23 40 44.7	−40 35 10.4	17.05	—	074	23 38 02.7	−37 49 16.2	17.06	—
075	23 51 11.3	−40 16 48.4	17.07	12277	076	23 44 08.8	−38 39 40.0	17.08	—
077	23 51 56.2	−42 10 27.4	17.09	—	078	23 38 44.0	−38 42 55.3	17.09	12417
079	23 50 29.5	−39 11 26.2	17.10	—	080	23 52 42.7	−38 57 19.5	17.10	20060
081	23 37 52.0	−38 32 52.7	17.11	—	082	23 47 08.6	−38 06 57.7	17.12	12866
083	23 58 01.9	−40 51 14.9	17.13	14948	084	23 51 21.0	−38 07 29.5	17.14	—
085	23 47 14.8	−38 33 36.1	17.15	—	086	23 38 02.2	−37 42 54.4	17.15	—
087	23 48 26.8	−39 03 26.4	17.16	—	088	23 37 46.2	−42 16 46.0	17.18	—
089	23 52 50.2	−38 21 45.3	17.19	—	090	23 37 11.0	−42 11 27.1	17.20	—
091	23 52 33.8	−39 59 24.5	17.22	—	092	23 53 08.4	−39 34 26.0	17.23	—
093	23 58 59.3	−39 40 21.6	17.24	—	094	23 43 11.8	−41 08 22.7	17.25	—
095	23 57 24.6	−39 11 12.6	17.26	—	096	23 42 47.7	−41 03 07.4	17.27	—
097	23 57 21.9	−38 40 21.4	17.28	—	098	23 48 53.4	−39 19 56.6	17.29	—
099	23 53 55.7	−39 24 45.4	17.30	—	100	23 46 52.1	−37 30 33.5	17.30	—
				293					
001	00 12 37.1	−39 29 37.1	09.47	00176	002	00 04 34.1	−41 38 06.5	14.60	13919
003	00 06 58.4	−37 49 51.2	15.02	—	004	00 10 48.7	−37 47 32.4	15.29	15117
005	00 03 53.0	−41 47 07.8	15.47	—	006	00 02 53.1	−39 11 00.8	15.71	06619
007	00 08 37.5	−39 15 54.8	15.78	03280	008	00 02 43.1	−40 52 17.9	16.01	—
009	00 04 56.6	−42 01 56.2	16.19	16035	010	00 07 22.1	−40 08 03.8	16.34	17604

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
011	00 10 24.3	−41 37 20.4	16.40	12246	012	00 01 20.4	−39 29 16.5	16.46	19869
013	00 05 55.1	−41 08 09.7	16.53	18500	014	00 11 56.9	−38 29 10.9	16.55	—
015	00 12 59.7	−39 23 55.1	16.59	—	016	00 03 24.0	−41 54 02.7	16.62	—
017	00 08 03.0	−41 09 53.2	16.68	20776	018	00 00 45.8	−42 18 31.5	16.69	12655
019	00 05 13.3	−40 00 52.6	16.72	—	020	00 04 35.5	−41 45 21.3	16.80	13115
021	00 12 17.0	−39 57 41.4	16.83	—	022	00 00 42.1	−39 23 46.5	16.89	15146
023	00 05 43.6	−39 16 01.7	16.90	15286	024	00 06 09.2	−41 12 08.6	16.91	—
025	00 09 16.9	−41 24 02.8	16.93	—	026	00 08 22.3	−39 45 09.2	16.95	—
027	00 11 00.0	−42 20 53.5	16.96	25527	028	00 11 45.8	−39 58 05.8	16.98	—
029	00 11 12.9	−41 16 21.5	17.02	—	030	00 06 11.4	−40 09 23.0	17.06	—
031	00 00 14.0	−40 20 02.9	17.08	—	032	00 09 37.8	−39 18 20.2	17.11	—
033	00 12 51.7	−41 13 04.0	17.14	08512	034	00 12 19.6	−42 12 53.8	17.14	—
035	00 02 39.6	−42 16 31.5	17.18	09147	036	00 08 24.8	−41 26 58.0	17.18	—
037	00 09 51.9	−40 15 16.2	17.21	—	038	00 10 58.8	−37 49 07.1	17.22	—
039	00 03 03.6	−41 00 50.4	17.23	—	040	00 04 52.2	−40 24 51.3	17.24	—
041	00 12 12.9	−39 10 17.4	17.26	—	042	00 03 19.7	−40 07 45.7	17.27	—
043	00 01 42.9	−39 59 24.3	17.29	—					
				294					
001	00 29 43.7	−40 32 36.8	14.14	—	002	00 32 47.2	−37 49 59.7	14.61	06954
003	00 24 42.1	−41 15 42.0	15.00	07829	004	00 15 36.0	−37 59 14.6	15.38	07044
005	00 36 40.3	−39 07 54.2	15.74	19052	006	00 21 26.7	−42 24 01.1	15.82	15974
007	00 20 48.3	−41 29 45.2	15.85	08064	008	00 13 50.1	−38 13 11.2	16.06	—
009	00 27 24.7	−41 13 14.7	16.12	11999	010	00 20 35.7	−42 21 51.1	16.13	15982
011	00 22 57.5	−41 52 47.9	16.20	08018	012	00 38 59.6	−38 07 42.1	16.23	07382
013	00 18 51.1	−41 23 33.8	16.29	20724	014	00 37 05.6	−37 49 57.9	16.32	—
015	00 30 18.0	−39 44 58.0	16.37	19903	016	00 36 43.9	−41 30 23.2	16.42	14515
017	00 27 19.0	−38 05 07.3	16.50	06955	018	00 33 32.7	−38 07 12.9	16.53	18760
019	00 22 32.3	−42 29 14.5	16.54	12469	020	00 13 03.3	−42 07 01.9	16.57	26232
021	00 23 22.5	−42 15 48.7	16.59	27461	022	00 30 23.7	−42 02 28.1	16.61	09138
023	00 28 06.9	−41 05 47.2	16.64	20509	024	00 14 15.8	−42 15 25.2	16.65	—
025	00 16 08.3	−41 56 08.1	16.66	28559	026	00 29 40.7	−40 22 23.2	16.68	20920
027	00 18 50.5	−41 40 50.8	16.70	12123	028	00 24 50.6	−38 27 24.7	16.72	20396
029	00 31 40.8	−38 10 19.7	16.75	09088	030	00 18 22.6	−42 06 31.1	16.77	16019
031	00 36 20.0	−39 13 40.3	16.81	—	032	00 32 36.0	−37 56 07.8	16.86	—
033	00 15 58.5	−39 45 26.3	16.86	—	034	00 14 52.6	−41 12 31.9	16.88	—
035	00 14 12.2	−39 44 26.2	16.89	—	036	00 26 51.0	−40 19 49.3	16.92	—
037	00 13 04.1	−39 07 56.1	16.96	—	038	00 17 32.8	−39 36 23.3	16.98	14236
039	00 36 02.5	−42 28 41.8	16.99	—	040	00 22 14.3	−39 59 21.6	17.00	19029
041	00 14 19.3	−41 55 02.1	17.03	—	042	00 30 37.1	−39 49 26.5	17.04	19086
043	00 37 18.5	−38 39 18.4	17.05	—	044	00 33 54.9	−39 32 19.7	17.06	18607
045	00 24 17.0	−40 00 36.2	17.07	08868	046	00 16 36.3	−39 56 19.8	17.09	—
047	00 24 24.5	−40 45 03.0	17.11	—	048	00 20 16.8	−38 23 30.0	17.12	35673
049	00 13 19.0	−41 25 35.2	17.13	24785	050	00 27 15.7	−41 55 48.4	17.14	—
051	00 29 36.2	−38 40 12.2	17.16	—	052	00 26 03.3	−41 20 05.3	17.16	—
053	00 29 43.2	−38 55 46.2	17.17	13973	054	00 27 42.4	−39 25 29.4	17.18	—
055	00 23 30.6	−42 02 57.6	17.19	—	056	00 13 45.3	−41 12 10.0	17.19	—
057	00 27 20.5	−40 07 01.2	17.20	19396	058	00 24 59.3	−40 02 54.4	17.20	20794
059	00 32 06.9	−38 22 25.8	17.21	22573	060	00 34 47.3	−41 31 55.8	17.22	29159
061	00 32 16.1	−39 39 23.4	17.23	19856	062	00 14 36.3	−42 23 16.5	17.25	—
063	00 23 10.2	−39 27 33.0	17.25	—	064	00 16 19.7	−40 37 47.9	17.25	—
065	00 18 11.2	−41 07 55.0	17.26	21267	066	00 29 52.9	−40 12 29.4	17.27	20732
067	00 30 36.6	−41 53 47.8	17.27	09394	068	00 35 00.2	−39 23 33.9	17.28	19234
069	00 13 26.0	−39 17 29.6	17.28	15501	070	00 34 59.0	−39 24 48.1	17.29	—
				295					
001	00 57 27.3	−40 36 11.6	13.62	06890	002	01 04 54.3	−42 11 03.3	14.42	06811
003	01 02 22.6	−37 54 16.7	14.75	03906	004	00 39 33.4	−38 52 04.0	14.82	—
005	00 49 08.6	−37 55 37.5	15.03	07048	006	00 52 44.8	−40 59 40.8	15.29	17919
007	00 53 24.1	−37 40 44.1	15.35	16851	008	01 00 15.8	−42 17 10.5	15.42	06992
009	00 48 12.6	−42 19 28.0	15.54	16135	010	00 50 58.6	−39 07 54.3	15.57	19439

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
011	00 58 19.6	−40 30 22.5	15.68	—	012	01 03 10.1	−42 29 02.8	15.71	—
013	00 49 59.1	−41 20 02.5	15.79	07219	014	00 53 25.8	−37 39 33.7	15.83	—
015	00 51 20.4	−37 36 10.4	15.96	14946	016	01 02 53.6	−39 14 11.4	16.04	—
017	01 00 35.7	−38 02 42.0	16.09	13357	018	01 02 55.8	−39 18 19.4	16.13	—
019	00 59 17.5	−41 33 24.4	16.18	—	020	00 49 32.6	−40 18 58.6	16.22	16520
021	00 58 58.3	−38 53 10.0	16.26	16411	022	01 02 46.7	−39 14 44.3	16.32	—
023	00 58 43.2	−40 33 42.6	16.36	—	024	00 59 29.0	−41 51 52.5	16.43	—
025	00 39 52.4	−39 33 20.1	16.48	—	026	00 47 50.0	−42 28 02.9	16.51	—
027	00 47 58.4	−37 39 56.0	16.54	11962	028	00 42 18.0	−38 27 22.5	16.59	06922
029	00 45 50.6	−42 17 37.5	16.60	05189	030	00 50 44.8	−40 21 19.6	16.61	—
031	00 53 39.4	−38 10 26.0	16.62	—	032	00 48 08.3	−42 24 30.7	16.68	22993
033	00 39 39.4	−38 09 03.3	16.72	—	034	00 53 25.1	−41 16 45.4	16.73	—
035	01 04 23.7	−38 50 56.2	16.76	06599	036	01 02 20.4	−41 24 58.6	16.76	—
037	00 54 42.2	−41 55 45.7	16.79	—	038	01 03 34.8	−39 42 45.4	16.80	—
039	00 54 38.7	−39 12 18.9	16.81	20421	040	00 40 53.1	−38 32 58.7	16.82	—
041	00 52 06.0	−38 17 36.1	16.83	16767	042	00 56 26.2	−39 25 34.5	16.84	16802
043	00 59 41.2	−38 47 34.2	16.85	16496	044	00 54 02.9	−38 25 36.8	16.87	09824
045	00 46 42.2	−39 01 59.8	16.88	11510	046	00 50 46.4	−39 59 23.8	16.89	09851
047	00 54 32.6	−42 19 18.9	16.90	—	048	00 57 34.3	−42 05 32.6	16.93	—
049	00 51 45.8	−37 42 21.3	16.96	16310	050	00 58 30.8	−40 44 15.2	16.99	—
051	00 56 11.8	−39 48 03.4	17.00	16998	052	00 54 44.1	−38 11 25.3	17.01	—
053	00 55 10.3	−38 45 18.9	17.03	19347	054	00 46 32.0	−42 11 47.1	17.05	16279
055	00 59 31.9	−39 13 19.2	17.09	—	056	00 59 50.1	−40 02 19.2	17.10	—
057	00 58 02.1	−40 30 22.9	17.11	—	058	00 44 54.4	−39 19 18.8	17.12	07243
059	00 47 07.4	−42 19 35.1	17.13	09977	060	00 52 25.1	−40 56 18.7	17.14	—
061	00 44 51.3	−40 55 01.7	17.14	—	062	00 41 38.9	−41 01 57.8	17.15	—
063	00 53 11.8	−37 32 09.9	17.15	—	064	00 58 30.0	−41 46 31.8	17.16	—
065	00 40 06.7	−41 17 32.4	17.17	18173	066	00 48 17.4	−40 46 37.5	17.18	22632
067	00 41 44.8	−41 12 04.5	17.20	24340	068	00 50 35.8	−39 44 39.3	17.21	25629
069	00 49 56.3	−41 40 20.2	17.22	—	070	01 03 42.0	−41 06 28.7	17.24	—
071	00 54 49.7	−41 12 45.7	17.25	—	072	00 41 45.7	−39 37 30.2	17.26	—
073	00 46 40.8	−39 14 39.5	17.26	11212	074	00 52 15.6	−37 40 51.7	17.27	—
075	00 51 31.7	−39 21 24.8	17.27	—	076	00 50 30.7	−37 39 44.2	17.27	14363
077	00 54 50.6	−41 40 48.8	17.29	19103	078	00 59 54.0	−38 15 58.2	17.29	—
079	00 48 45.5	−39 10 04.6	17.29	11368					
				296					
001	01 30 14.5	−38 56 09.9	13.69	03716	002	01 22 29.8	−38 23 19.3	14.33	05762
003	01 28 28.0	−37 58 42.7	14.61	09540	004	01 23 35.6	−37 35 37.3	14.65	09224
005	01 28 16.8	−41 33 13.9	14.81	06518	006	01 10 19.9	−38 09 44.6	15.03	06444
007	01 24 28.7	−40 14 28.2	15.19	05988	008	01 15 53.0	−42 07 07.7	15.24	06395
009	01 10 21.8	−41 04 47.4	15.39	15659	010	01 23 55.3	−38 54 55.7	15.61	10081
011	01 29 23.9	−41 47 19.0	15.65	06427	012	01 23 17.7	−38 32 36.3	15.78	05955
013	01 28 57.2	−37 55 56.0	15.84	05896	014	01 23 36.5	−38 29 38.5	15.95	—
015	01 07 59.6	−41 15 33.9	15.97	13959	016	01 28 10.4	−41 30 26.1	16.02	06580
017	01 26 51.7	−41 08 50.5	16.04	06404	018	01 29 39.6	−41 55 56.3	16.07	08287
019	01 11 13.3	−38 51 19.6	16.11	—	020	01 12 22.6	−41 08 25.0	16.18	09920
021	01 21 47.5	−38 53 35.7	16.29	06229	022	01 14 10.8	−42 04 44.9	16.39	23993
023	01 28 55.1	−38 06 39.6	16.42	05863	024	01 29 51.3	−41 56 48.9	16.45	—
025	01 27 34.0	−42 23 33.6	16.47	06495	026	01 06 02.1	−41 49 08.8	16.49	19362
027	01 28 55.1	−41 28 03.7	16.53	26144	028	01 18 14.6	−39 37 34.1	16.54	28120
029	01 21 41.8	−41 08 26.4	16.58	09033	030	01 08 14.4	−39 20 22.2	16.61	09057
031	01 13 56.7	−39 50 12.3	16.63	15832	032	01 14 09.3	−39 43 37.8	16.64	—
033	01 19 37.0	−37 34 22.5	16.64	—	034	01 24 41.0	−38 27 53.1	16.66	—
035	01 16 48.8	−40 30 15.7	16.67	—	036	01 17 36.8	−38 39 31.2	16.68	09465
037	01 28 28.9	−41 09 16.5	16.70	—	038	01 25 27.1	−41 14 18.5	16.72	15709
039	01 09 08.3	−39 49 20.4	16.73	20217	040	01 28 20.5	−41 09 59.8	16.74	28650
041	01 13 13.7	−41 50 06.4	16.79	—	042	01 29 47.3	−42 26 19.2	16.82	—
043	01 25 28.6	−39 12 09.9	16.83	27497	044	01 06 27.4	−38 03 25.5	16.84	—
045	01 05 05.8	−39 34 49.2	16.85	—	046	01 21 31.6	−40 54 51.7	16.86	09355
047	01 07 24.6	−41 13 00.2	16.88	16232	048	01 16 04.4	−39 27 40.2	16.89	—
049	01 09 34.9	−41 01 39.5	16.90	16232	050	01 11 36.3	−38 53 06.2	16.91	09635

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
051	01 16 42.5	−42 16 40.2	16.92	16835	052	01 14 37.1	−41 05 04.9	16.92	15945
053	01 10 52.6	−37 45 32.3	16.95	15892	054	01 06 29.5	−40 48 16.6	16.96	—
055	01 26 40.5	−41 56 14.0	16.96	—	056	01 16 20.9	−40 43 17.4	16.98	—
057	01 23 24.0	−38 07 39.0	17.01	09429	058	01 06 35.7	−38 37 23.8	17.02	—
059	01 19 48.1	−37 37 20.0	17.03	—	060	01 05 19.9	−40 31 02.4	17.03	—
061	01 08 28.2	−39 53 40.3	17.05	14996	062	01 12 20.0	−38 53 42.9	17.07	—
063	01 19 04.2	−39 18 43.0	17.08	—	064	01 20 13.2	−37 43 10.5	17.09	—
065	01 23 53.5	−39 05 45.5	17.10	27971	066	01 24 27.9	−38 24 34.7	17.10	09274
067	01 20 23.2	−39 15 07.1	17.11	15473	068	01 09 41.0	−41 37 07.8	17.13	09894
069	01 24 31.1	−40 31 21.1	17.13	—	070	01 07 04.2	−39 45 52.8	17.14	—
071	01 23 21.0	−41 14 39.2	17.15	—	072	01 25 48.6	−39 38 45.1	17.17	09136
073	01 21 02.8	−41 09 01.5	17.19	—	074	01 05 33.9	−40 18 29.4	17.20	—
075	01 16 50.2	−41 17 05.9	17.21	—	076	01 24 22.2	−41 13 51.2	17.22	—
077	01 06 59.2	−38 09 40.2	17.24	—	078	01 14 12.5	−39 25 07.9	17.24	28538
079	01 30 17.3	−39 47 55.8	17.25	—	080	01 24 49.2	−41 46 15.5	17.25	31614
081	01 08 32.1	−41 08 23.4	17.26	16575	082	01 06 20.6	−39 39 42.5	17.27	22051
083	01 07 36.9	−38 37 40.5	17.28	—	084	01 18 38.8	−39 41 32.1	17.29	27991
085	01 27 19.6	−38 41 59.5	17.29	—	086	01 28 58.8	−41 14 56.7	17.30	—
087	01 16 33.6	−40 28 26.0	17.30	—					
				297					
001	01 32 54.1	−41 41 34.2	11.66	—	002	01 42 20.1	−40 54 55.2	14.52	10253
003	01 54 29.6	−39 29 19.5	14.70	—	004	01 32 00.8	−38 52 20.1	14.78	05873
005	01 43 18.7	−38 48 08.0	14.92	09876	006	01 55 50.6	−38 15 45.0	15.03	11202
007	01 33 28.7	−41 32 36.0	15.20	07336	008	01 38 26.2	−38 56 10.0	15.39	05878
009	01 42 17.7	−42 04 58.1	15.47	06171	010	01 43 53.4	−38 19 24.6	15.56	06192
011	01 56 00.3	−39 17 05.0	15.79	17101	012	01 42 45.3	−38 59 00.9	15.91	05991
013	01 32 20.8	−42 26 38.4	15.98	09897	014	01 31 47.9	−39 23 00.3	16.02	05876
015	01 31 49.1	−39 42 37.1	16.08	13700	016	01 31 19.7	−39 43 16.8	16.10	08866
017	01 42 28.9	−40 49 13.5	16.21	10171	018	01 40 56.6	−40 25 59.4	16.23	16078
019	01 32 40.8	−39 54 00.6	16.27	05911	020	01 54 57.1	−40 29 33.4	16.29	06253
021	01 34 10.4	−41 20 23.3	16.31	07392	022	01 55 52.8	−38 08 16.3	16.37	—
023	01 43 29.7	−40 55 01.7	16.40	16338	024	01 50 03.0	−37 47 26.3	16.42	01376
025	01 43 37.0	−42 12 24.0	16.46	08665	026	01 33 32.2	−37 54 46.7	16.50	22227
027	01 38 05.8	−40 18 06.1	16.52	—	028	01 52 06.7	−42 19 29.8	16.54	—
029	01 55 36.0	−37 53 43.8	16.58	—	030	01 31 52.6	−38 49 53.8	16.62	—
031	01 34 46.4	−38 34 02.3	16.63	—	032	01 55 08.4	−38 55 11.0	16.65	17212
033	01 31 36.7	−39 20 39.4	16.67	08908	034	01 55 48.4	−38 49 28.9	16.69	17288
035	01 54 42.0	−40 54 57.0	16.69	17081	036	01 34 24.0	−41 47 33.9	16.73	20152
037	01 32 34.8	−40 42 44.9	16.75	08816	038	01 43 51.3	−41 47 01.0	16.77	17543
039	01 49 09.7	−41 46 52.2	16.83	16569	040	01 45 54.7	−40 32 30.3	16.85	17802
041	01 41 47.7	−38 39 53.4	16.87	06291	042	01 37 53.9	−38 28 53.3	16.88	—
043	01 34 12.4	−39 23 48.8	16.90	—	044	01 44 08.4	−40 59 24.7	16.92	16265
045	01 50 00.8	−42 26 36.9	16.96	—	046	01 34 18.2	−41 36 35.0	17.00	11198
047	01 31 56.0	−37 47 20.7	17.04	17222	048	01 44 51.3	−42 10 44.8	17.04	—
049	01 53 12.4	−38 49 23.2	17.04	—	050	01 42 03.0	−40 26 09.4	17.06	16171
051	01 54 47.5	−39 15 27.1	17.08	05792	052	01 37 49.5	−40 08 28.5	17.08	11129
053	01 39 18.9	−42 29 27.9	17.10	—	054	01 55 59.0	−37 57 44.2	17.11	06148
055	01 42 34.3	−41 54 46.6	17.13	22936	056	01 31 36.1	−38 49 04.2	17.13	28196
057	01 55 36.9	−41 56 24.1	17.17	16893	058	01 40 29.2	−40 23 08.1	17.17	—
059	01 48 34.7	−38 02 34.8	17.17	18955	060	01 54 18.8	−42 26 15.3	17.19	—
061	01 40 21.0	−40 53 32.3	17.21	—	062	01 38 22.8	−38 54 44.9	17.21	—
063	01 35 49.3	−40 12 30.5	17.23	17064	064	01 45 11.0	−40 13 06.2	17.25	—
065	01 35 26.0	−37 45 55.1	17.26	—	066	01 38 47.1	−40 22 10.2	17.27	16223
067	01 56 28.5	−37 40 07.8	17.29	—	068	01 49 15.1	−41 41 23.7	17.29	—
				298					
001	02 17 33.5	−38 02 52.7	13.49	04948	002	02 08 36.3	−41 09 11.7	14.07	01480
003	02 09 52.2	−39 26 21.5	14.28	05261	004	02 04 35.9	−41 23 41.8	14.45	05307
005	02 19 12.7	−42 13 47.5	14.92	04873	006	02 11 35.0	−39 58 31.2	15.09	05100
007	02 03 46.9	−38 20 17.7	15.43	11553	008	02 13 25.4	−41 55 37.7	15.46	17041

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
009	02 06 48.7	−40 19 40.3	15.52	—	010	01 58 49.8	−41 40 59.7	15.69	05592
011	02 08 23.2	−42 19 27.4	15.76	04178	012	02 04 40.2	−37 31 35.8	15.84	18332
013	02 11 01.9	−40 25 47.6	15.91	—	014	02 06 02.0	−39 36 41.8	16.04	—
015	02 11 11.7	−40 02 54.1	16.19	05175	016	02 05 51.0	−39 47 04.3	16.24	27950
017	01 57 57.8	−38 50 48.5	16.28	26821	018	02 10 44.8	−41 04 16.3	16.33	11350
019	02 07 57.8	−39 51 11.5	16.38	05173	020	02 22 17.3	−40 28 00.5	16.42	08789
021	02 14 21.7	−41 44 43.5	16.44	11249	022	02 01 40.4	−42 26 27.9	16.46	16065
023	02 18 18.5	−40 07 29.1	16.52	21116	024	02 17 53.8	−41 53 33.2	16.59	03785
025	02 05 48.5	−40 50 29.3	16.60	08704	026	02 09 47.5	−40 26 28.1	16.62	11594
027	02 15 03.3	−39 18 16.0	16.63	11487	028	02 05 30.4	−41 01 02.2	16.76	21334
029	02 19 52.8	−38 40 24.0	16.81	18321	030	02 13 35.2	−41 37 21.9	16.85	11136
031	02 11 09.4	−42 15 50.3	16.86	05337	032	02 13 05.3	−41 59 28.4	16.88	—
033	02 21 45.2	−40 13 23.5	16.91	18039	034	01 57 36.8	−41 12 34.7	16.93	19460
035	02 17 29.7	−38 40 31.2	16.93	17838	036	02 02 40.2	−41 46 58.2	16.98	—
037	02 09 31.1	−38 54 53.7	17.04	28264	038	02 17 17.2	−38 43 32.0	17.05	—
039	02 00 42.8	−41 58 04.5	17.06	05200	040	01 58 00.5	−40 22 42.5	17.09	16717
041	02 16 27.5	−41 54 21.2	17.11	11241	042	02 06 26.9	−38 17 00.9	17.13	05127
043	02 04 25.9	−40 43 36.2	17.14	—	044	01 58 10.0	−41 29 40.8	17.16	15340
045	02 13 51.8	−40 01 36.6	17.17	11577	046	01 59 48.3	−37 47 46.7	17.21	—
047	02 20 32.4	−37 44 57.8	17.22	—	048	02 00 56.0	−41 16 01.2	17.24	—
049	02 01 08.6	−41 23 48.2	17.27	—	050	02 06 05.0	−41 52 55.0	17.28	16914
051	02 05 35.4	−39 46 09.5	17.29	27770					
				299					
001	02 31 34.0	−39 15 49.4	11.61	01959	002	02 30 41.9	−39 30 55.0	14.37	01406
003	02 23 41.7	−38 31 26.8	15.44	05025	004	02 41 45.8	−37 46 02.4	15.54	05099
005	02 46 15.8	−39 19 20.6	15.60	18654	006	02 33 34.9	−39 14 32.8	15.84	—
007	02 32 37.2	−37 50 23.1	15.95	21418	008	02 39 51.8	−39 37 29.9	16.09	—
009	02 40 23.1	−37 40 53.2	16.14	18305	010	02 34 30.5	−42 14 53.0	16.26	16321
011	02 40 31.8	−40 19 04.7	16.44	07870	012	02 47 52.6	−40 15 10.4	16.47	—
013	02 32 40.9	−38 04 33.0	16.53	21090	014	02 42 42.5	−39 01 25.1	16.57	18514
015	02 36 20.9	−37 34 15.1	16.61	18386	016	02 32 24.1	−40 17 08.7	16.67	11652
017	02 46 21.8	−41 51 40.5	16.69	20082	018	02 41 03.2	−38 34 30.6	16.73	09581
019	02 44 47.3	−37 34 06.0	16.75	—	020	02 47 03.4	−41 55 55.7	16.79	13611
021	02 45 04.4	−41 41 32.8	16.81	—	022	02 26 44.7	−40 50 01.0	16.83	20933
023	02 44 08.0	−41 03 21.5	16.85	28350	024	02 36 51.8	−40 51 33.2	16.87	18393
025	02 44 59.1	−38 24 18.0	16.90	—	026	02 47 20.6	−38 52 03.1	16.92	—
027	02 41 47.1	−37 45 53.7	16.94	—	028	02 44 59.9	−40 52 47.8	16.95	21035
029	02 48 13.3	−40 48 05.7	17.01	—	030	02 29 07.3	−41 55 55.9	17.05	21768
031	02 46 10.8	−42 15 45.4	17.08	—	032	02 41 38.3	−38 09 38.3	17.09	18544
033	02 47 03.0	−42 15 38.0	17.12	—	034	02 43 32.6	−40 37 54.4	17.12	—
035	02 46 17.3	−42 08 06.5	17.15	—	036	02 40 39.2	−38 32 20.5	17.17	21184
037	02 32 47.5	−37 44 07.3	17.18	—	038	02 41 19.4	−41 33 54.3	17.19	—
039	02 29 54.1	−42 16 59.6	17.20	—	040	02 40 51.9	−41 14 21.7	17.23	—
041	02 39 31.8	−41 26 25.3	17.26	18647	042	02 37 53.6	−37 46 27.1	17.28	13711
043	02 46 58.1	−41 40 45.2	17.28	—	044	02 45 16.6	−39 29 56.1	17.30	18776
045	02 24 50.8	−38 42 46.3	17.30	—	046	02 42 51.7	−37 52 15.0	17.30	05756
				300					
001	03 04 11.6	−39 13 33.0	13.31	06224	002	03 05 46.9	−39 47 47.4	14.74	04413
003	03 11 49.0	−38 29 11.1	15.21	—	004	03 02 17.2	−39 33 00.5	15.64	05945
005	03 00 39.2	−39 01 07.5	15.68	12523	006	03 04 43.8	−42 11 05.8	15.78	09298
007	02 50 07.6	−40 57 04.8	15.82	14286	008	03 05 42.5	−41 49 18.5	15.85	09261
009	02 54 52.9	−42 19 21.4	15.91	13754	010	02 57 25.2	−38 42 10.4	16.05	11346
011	03 13 27.5	−38 06 01.7	16.09	19358	012	03 13 01.8	−41 20 03.0	16.10	—
013	02 56 25.4	−40 41 34.0	16.15	09796	014	03 09 45.5	−39 19 16.3	16.18	08077
015	03 03 18.4	−41 52 20.1	16.20	09312	016	02 49 36.3	−38 29 19.6	16.22	—
017	03 12 19.8	−39 22 24.5	16.28	16929	018	03 02 15.6	−39 44 09.4	16.30	06056
019	02 52 29.2	−37 42 05.5	16.39	19665	020	02 57 53.4	−41 20 18.0	16.42	21987
021	02 49 21.8	−42 21 25.5	16.43	—	022	03 00 02.0	−40 52 43.5	16.44	06212
023	02 58 56.9	−38 23 55.6	16.46	—	024	03 04 17.2	−40 19 05.2	16.48	—

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
025	02 54 23.6	−38 34 10.8	16.51	—	026	03 01 04.1	−37 54 07.5	16.53	19452
027	02 51 22.8	−42 06 37.5	16.56	—	028	03 08 02.0	−40 09 41.3	16.59	02053
029	03 12 06.0	−40 05 11.8	16.61	—	030	03 11 53.5	−39 54 56.3	16.63	12157
031	03 09 50.8	−38 46 58.3	16.66	—	032	03 12 18.8	−42 16 18.8	16.68	—
033	03 14 59.9	−41 26 55.7	16.70	—	034	02 49 19.9	−42 22 24.1	16.71	—
035	02 56 43.2	−41 09 21.0	16.72	—	036	03 01 27.6	−39 50 52.7	16.74	19423
037	03 07 26.4	−41 37 45.8	16.75	09216	038	03 07 37.5	−38 17 37.2	16.76	—
039	02 58 59.3	−38 25 30.1	16.78	—	040	03 06 18.7	−39 04 34.6	16.81	—
041	03 14 36.8	−37 31 21.4	16.82	19551	042	03 13 57.3	−42 29 09.8	16.83	18404
043	02 52 20.3	−39 06 34.1	16.84	—	044	03 10 38.0	−38 34 57.7	16.86	—
045	03 12 34.1	−40 34 22.3	16.87	—	046	02 54 47.2	−40 11 43.7	16.90	—
047	03 05 21.6	−39 41 33.9	16.91	—	048	03 02 48.5	−37 51 07.1	16.92	—
049	02 56 07.8	−39 45 42.4	16.92	—	050	03 03 08.3	−41 12 45.9	16.93	—
051	03 12 49.5	−38 34 25.4	16.93	—	052	03 01 55.2	−38 49 08.1	16.96	—
053	03 14 01.9	−42 02 14.2	16.97	—	054	03 12 22.0	−42 12 32.8	16.98	—
055	03 03 10.4	−39 32 39.6	16.99	15140	056	03 12 35.9	−39 10 56.1	17.00	—
057	03 05 04.7	−38 22 10.3	17.01	—	058	03 11 34.6	−39 56 07.1	17.02	—
059	03 12 18.5	−40 37 53.5	17.03	—	060	03 08 34.5	−39 49 04.7	17.04	04579
061	03 04 43.0	−37 35 58.9	17.06	—	062	03 01 36.6	−41 23 32.0	17.07	09438
063	03 02 41.4	−37 49 28.2	17.08	—	064	03 06 39.5	−38 19 19.1	17.09	—
065	03 01 29.0	−38 40 29.1	17.11	—	066	03 11 36.6	−39 19 31.1	17.12	—
067	03 05 42.2	−37 50 01.5	17.14	—	068	02 56 38.4	−41 16 44.3	17.15	16522
069	03 02 16.1	−40 06 24.1	17.17	—	070	03 03 35.4	−38 18 20.0	17.18	—
071	03 14 47.4	−42 14 46.3	17.19	—	072	03 00 38.4	−41 00 33.5	17.19	—
073	03 06 10.2	−41 48 57.2	17.19	—	074	02 59 31.1	−39 10 34.9	17.19	—
075	02 57 21.0	−41 39 09.6	17.21	—	076	03 06 01.9	−37 55 44.2	17.22	—
077	03 11 41.1	−38 32 53.8	17.22	—	078	03 14 58.8	−40 26 01.2	17.23	—
079	02 49 50.5	−41 11 50.3	17.23	—	080	02 50 27.4	−41 22 16.8	17.24	—
081	02 58 30.9	−39 45 16.0	17.25	—	082	02 58 32.2	−38 22 40.9	17.25	—
083	03 00 49.7	−39 38 21.0	17.26	—	084	03 07 58.1	−41 50 46.1	17.26	—
085	03 07 02.6	−37 42 24.6	17.27	—	086	03 14 38.5	−38 00 09.8	17.28	—
087	02 57 05.1	−37 34 47.8	17.28	—	088	02 53 34.0	−41 29 11.5	17.29	—
089	02 50 52.3	−40 31 39.5	17.29	—	090	03 08 33.1	−40 45 42.5	17.30	—
091	02 55 57.7	−38 06 27.9	17.30	—					
				301					
001	03 15 28.8	−41 17 24.4	11.10	00791	002	03 21 08.2	−42 22 01.9	14.53	01208
003	03 25 08.3	−41 51 38.5	15.19	—	004	03 20 28.5	−37 34 31.2	15.47	—
005	03 16 52.1	−41 52 59.4	15.70	19308	006	03 23 43.0	−39 37 55.0	15.75	18869
007	03 39 39.3	−41 07 37.8	15.81	18410	008	03 22 49.0	−40 24 55.2	15.85	09073
009	03 35 46.3	−40 38 52.4	15.91	—	010	03 18 18.0	−42 21 48.5	15.97	—
011	03 22 01.9	−40 23 21.5	16.01	16286	012	03 36 24.7	−37 43 19.1	16.08	13814
013	03 18 38.9	−37 49 46.8	16.16	—	014	03 15 24.4	−40 39 49.3	16.19	—
015	03 21 26.7	−40 51 16.6	16.21	—	016	03 24 17.6	−40 49 14.3	16.24	—
017	03 15 11.5	−40 37 42.5	16.31	—	018	03 30 53.8	−39 19 10.4	16.34	—
019	03 21 40.0	−39 49 16.9	16.35	18848	020	03 25 52.2	−37 46 37.0	16.36	09270
021	03 16 43.8	−41 37 38.0	16.39	09534	022	03 34 36.3	−38 07 15.3	16.43	—
023	03 25 29.1	−42 21 41.1	16.50	—	024	03 33 03.4	−38 51 01.8	16.59	20301
025	03 26 25.1	−41 44 20.4	16.63	21745	026	03 39 04.3	−37 59 51.2	16.64	—
027	03 16 40.8	−41 49 23.2	16.64	19356	028	03 40 20.8	−41 43 05.0	16.66	—
029	03 30 06.2	−40 37 13.3	16.68	21905	030	03 32 44.5	−40 29 38.7	16.69	—
031	03 31 49.6	−38 31 46.3	16.72	20246	032	03 20 53.5	−38 20 57.7	16.74	—
033	03 23 53.9	−39 37 27.6	16.75	—	034	03 31 05.2	−42 18 13.5	16.78	—
035	03 28 16.1	−38 19 05.6	16.80	—	036	03 27 43.3	−40 22 50.7	16.83	—
037	03 35 53.6	−38 58 57.3	16.86	33845	038	03 32 48.0	−39 14 14.3	16.88	18205
039	03 30 15.9	−37 57 27.2	16.90	—	040	03 22 05.0	−39 22 10.3	16.91	—
041	03 27 04.4	−38 14 24.2	16.92	19847	042	03 25 30.5	−40 38 52.7	16.94	—
043	03 37 56.7	−39 51 18.6	16.95	—	044	03 38 19.3	−37 59 18.0	16.96	—
045	03 30 01.2	−41 44 00.9	16.96	—	046	03 16 19.4	−40 47 57.6	16.97	—
047	03 25 48.6	−40 09 58.1	16.97	—	048	03 19 28.8	−41 21 20.1	16.98	—
049	03 37 51.1	−40 08 59.8	16.99	—	050	03 38 19.6	−39 48 48.5	17.00	—
051	03 20 18.2	−41 30 30.2	17.01	20822	052	03 32 23.8	−40 50 30.0	17.03	18741

Table 5 – *continued*

Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})	Galaxy Number	α (h m s)	δ (d m s)	b_J mag	Velocity (kms^{-1})
053	03 17 50.9	−42 25 36.0	17.04	—	054	03 20 48.5	−40 07 35.9	17.06	15848
055	03 23 09.1	−40 34 48.7	17.07	09161	056	03 18 12.3	−39 42 31.2	17.08	—
057	03 21 59.0	−37 49 27.2	17.10	—	058	03 39 58.7	−40 43 11.4	17.13	—
059	03 37 14.4	−38 26 17.2	17.13	18122	060	03 21 25.8	−40 47 39.1	17.14	—
061	03 40 28.2	−42 16 06.5	17.14	—	062	03 15 14.2	−40 16 49.0	17.15	—
063	03 35 31.3	−37 44 56.7	17.17	24596	064	03 35 08.1	−38 45 41.6	17.17	20182
065	03 18 26.8	−42 05 50.2	17.19	—	066	03 20 29.8	−40 30 55.1	17.20	—
067	03 19 27.8	−42 15 07.0	17.21	—	068	03 23 18.5	−42 04 48.4	17.22	18470
069	03 16 21.2	−39 18 20.8	17.23	—	070	03 39 15.3	−39 05 31.8	17.23	07238
071	03 27 37.8	−37 38 46.2	17.24	18971	072	03 32 10.7	−39 02 04.5	17.24	—
073	03 38 58.9	−39 37 52.3	17.26	—	074	03 21 23.6	−38 11 53.9	17.28	—
075	03 17 03.8	−38 36 14.2	17.28	—	076	03 34 57.7	−39 07 36.2	17.29	—
077	03 30 12.1	−38 10 04.2	17.30	—					

Finally, we have demonstrated that the UKST can be used to make accurate three-dimensional maps of the large-scale structure in the galaxy distribution on very wide angular scales. The FLAIR system on the UKST is constantly being upgraded to make the data preparations and observations easier and quicker for the user. These changes include a new fully operational CCD camera that has greatly improved the throughput in the blue region of the spectrum, and the current construction of an automated magnetic-button fibre positioner (6dF) that will decrease the plate preparation time by a factor of 2–3 (Parker & Watson, 1997). Indeed, these improvements will make it feasible, in the near future, to map the whole of the southern sky to $z < 0.1$. Since the field of UKST 6dF is ∼10 times bigger than that of the AAT 2dF instrument, there is good complementarity between the two, enabling 6dF to address wide-angle galaxy redshift surveys and 2dF to focus on deeper redshift surveys over smaller areas of sky.

ACKNOWLEDGMENTS

We are very grateful to the staff at the UKST and AAO for their assistance in the gathering of the observations published here. AR acknowledges the receipt of a PPARC Research Studentship. PPARC are also thanked for allocating the observing time via PATT and for providing the Starlink computer facilities used in the reduction of these data. To obtain a computer file containing The Durham/UKST Survey, please e-mail tom.shanks@durham.ac.uk.

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