

## Erratum: The *Herschel* Bright Sources (HerBS): sample definition and SCUBA-2 observations

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In the original paper, Bakx et al. (2018) extracted the SCUBA-2 fluxes by a method that has later been shown to result in fluxes that are too high by around 50 to 75 per cent. In this erratum, we present fluxes extracted with the proven method as shown in Ivison et al. (2016), Holland et al. (2017) and Duivenvoorden et al. (2018), in an effort to present the most complete and correct catalogue of fluxes and photometric redshifts, shown in Table A1. Adding to the list of sources with SCUBA-2 fluxes, we include thirteen sources from the 2015 SCUBA-2 project M15AI96 (PI: S. Eales). Similarly, we drop two sources that recently have been shown to be blazar contaminants, namely HerBS-16 and HerBS-112.

All aspects of the data reduction are the same, except the method we use to reduce the raw SCUBA-2 data into calibrated post-processed data. In our new data reduction method, we use the ‘zero-mask’ method (Holland et al. 2017), which uses the Dynamic Iterative Map Maker within the **SMURF** package (Chapin et al. 2013). This procedure assumes that the only astronomical signal is within a 60 arcsec diameter region centered on our target. We

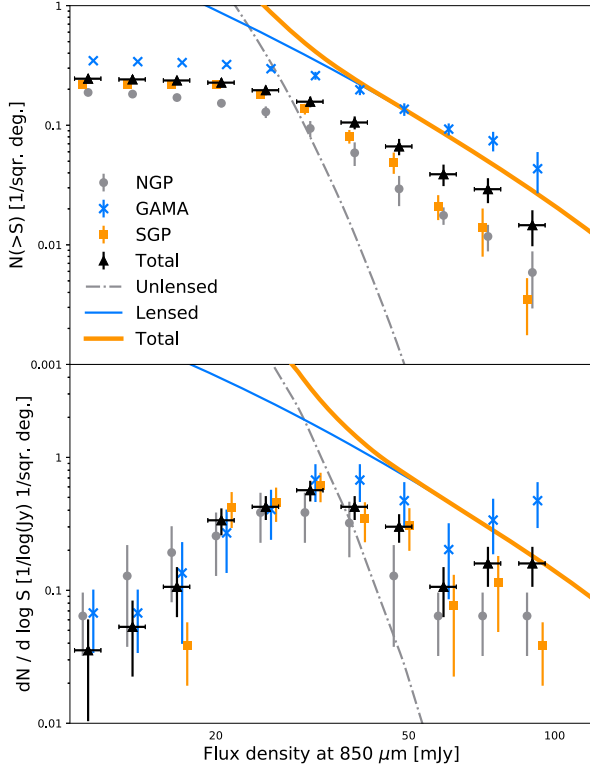
then apply a matched filter, where we convolve the image with the beam-size ( $\sim 13$  arcsec). The pixel size of the final maps is one by one arcsec.

We use the same data reduction technique on the flux calibrators to get an accurate flux conversion factor (FCF). The FCF for each source was derived by calibrator observations taken in the same night, and are linearly interpolated between multiple calibrator sources, depending on the time of the observation of the source. These FCFs range between 575 and 760 mJy pW<sup>-1</sup> beam<sup>-1</sup>, in range with the values seen in Duivenvoorden et al. (2018). The calibration uncertainty is expected to be accurate to around 5 per cent (Dempsey et al. 2013).

We extract the fluxes by the brightest pixel within a 20 arcsec radius around the central position. We visually inspect the sources to ensure the correct source is extracted, which is true in all cases. We derive the uncertainty in the flux to be the standard deviation of the off-source pixels ( $>25$  arcsec from the target position) within a 3' box centered on the target position, where we expect a uniform observation depth.

The difference in the 850  $\mu$ m flux density did not significantly change the fitted parameters of the modified black-body fit, and

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**Figure 1.** Revised version of fig. 10 from Bakx et al. (2018). The top panel shows the cumulative number counts and the bottom panel shows the differential number counts of our HerBS sample, compared to the predictions of the model of Cai et al. (2013) for unlensed (dashed grey line) and lensed (solid blue line) galaxies.

the new photometric redshifts are not systemically different to the previous photometric redshifts (15 per cent), although improved photometry is crucial for our ongoing redshift searches. The only significant change from the previous paper is to the estimated fraction of lenses. We show an updated version of Figure 10 from Bakx et al. (2018) in Fig. 1. This figure shows the cumulative (*top panel*) and differential (*bottom panel*) for the 850  $\mu\text{m}$  fluxes of the HerBS sources. We note that the model by Cai et al. (2013) slightly over-predicts the source counts seen for the HerBS sources. We also note higher source counts for HerBS sources in the GAMA fields compared to the Northern and Southern Galactic Pole (NGP and SGP fields).

## REFERENCES

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## APPENDIX A: HERBS CATALOGUE AND BLAZARS

**Table A1.** The HerBS sample – SPIRE and SCUBA-2 data. The HerBS number hyperlinks to the NED database at the position of the source. The RA and DEC are the SPIRE-positions,  $\Delta$ RA and  $\Delta$ DEC are the SPIRE positions minus the SCUBA-2 positions. Cursive SCUBA-2 observations are classed as non-detections, as discussed in section 3 of Bakx et al. (2018). The spectroscopic redshifts are derived according to the protocols described in section 4 of Bakx et al. (2018), where cursive spectroscopic redshifts refer to single-line detections which are considered tentative.  $z_{\text{phot,temp}}$  refers to the template derived in section 4 of Bakx et al. (2018), and  $z_{\text{phot,lvi}}$  refers to the photometric redshift estimates described in Ivison et al. (2016) and Bakx et al. (2018). The bolometric luminosity is calculated using the fitted photometric template from Bakx et al. (2018). We discard the identified quasar interlopers (HerBS-16 and -112), shown in strikethrough text.

No.	H-ATLAS ID	RA (deg)	DEC (deg)	$\Delta$ RA ( $^{\circ}$ )	$\Delta$ DEC ( $^{\circ}$ )	$S_{250}$ (mJy)	$S_{350}$ (mJy)	$S_{500}$ (mJy)	$S_{850}$ (mJy)	$z_{\text{spec}}$	$z_{\text{phot,temp}}$	$z_{\text{phot,lvi}}$	Lum. $\log(L_{\odot})$
1 <sup>a</sup>	J134429.5+303034	206.1228	30.5095	-1.2	2.0	461.9 $\pm$ 5.8	465.7 $\pm$ 6.5	343.3 $\pm$ 7.1	90.3 $\pm$ 5.3	2.30	1.97	2.24	13.86
2	J114637.9-001132	176.6582	-0.1923	-3.6	5.1	316.0 $\pm$ 6.6	357.9 $\pm$ 7.4	291.8 $\pm$ 7.7	98.2 $\pm$ 5.4	3.26	2.41	2.54	13.87
3 <sup>a</sup>	J132630.1+334408	201.6255	33.7355	-0.7	3.0	190.5 $\pm$ 5.6	281.3 $\pm$ 5.9	278.6 $\pm$ 7.5	73.8 $\pm$ 5.0	2.95	2.89	2.95	13.86
4 <sup>a</sup>	J083051.0+013225	127.7127	1.5403	-0.3	2.0	248.5 $\pm$ 7.5	305.3 $\pm$ 8.1	269.1 $\pm$ 8.7	98.7 $\pm$ 5.4	3.63	2.69	2.80	13.87
5 <sup>a</sup>	J125632.5+233627	194.1352	23.6076	-0.6	3.9	209.3 $\pm$ 5.6	288.5 $\pm$ 6.0	264.0 $\pm$ 7.0	97.6 $\pm$ 5.0	3.56	2.99	2.96	13.90
6 <sup>a</sup>	J132427.0+284450	201.1126	28.7472	-0.7	2.9	342.3 $\pm$ 5.6	371.0 $\pm$ 5.9	250.9 $\pm$ 6.9	38.1 $\pm$ 5.6	1.68	1.85	2.20	13.70
7 <sup>a</sup>	J132859.2+292327	202.2468	29.3907	-2.5	5.9	268.4 $\pm$ 4.4	296.3 $\pm$ 4.8	248.9 $\pm$ 5.9	77.4 $\pm$ 6.5	2.78	2.52	2.53	13.82
8	J084933.4+021442	132.3893	2.2453	-1.3	1.0	216.7 $\pm$ 7.5	248.5 $\pm$ 8.2	208.6 $\pm$ 8.6	36.3 $\pm$ 5.8	2.41	2.11	2.44	13.61
9 <sup>a</sup>	J125135.3+261458	192.8972	26.2494	0.4	1.0	157.9 $\pm$ 5.9	202.2 $\pm$ 6.0	206.8 $\pm$ 6.9	83.5 $\pm$ 5.5	3.68	3.21	3.10	13.83
10	J113526.2-014606	173.8596	-1.7685	-1.0	-1.0	278.8 $\pm$ 7.4	282.9 $\pm$ 8.2	204.0 $\pm$ 8.6	73.2 $\pm$ 5.3	3.13	2.09	2.34	13.68
11 <sup>a</sup>	J012407.4-281434	21.0308	-28.2428	-4.0	0.9	257.5 $\pm$ 6.4	271.1 $\pm$ 6.3	204.0 $\pm$ 7.2	67.3 $\pm$ 6.3	-	2.19	2.39	13.69
12 <sup>a</sup>	J133008.6+245900	202.5358	24.9833	0.8	-0.9	271.2 $\pm$ 5.4	278.2 $\pm$ 8.2	193.3 $\pm$ 8.5	67.7 $\pm$ 6.4	3.11	2.12	2.33	13.68
13 <sup>a</sup>	J142413.9+022303	216.0582	2.3842	-3.4	0.9	112.2 $\pm$ 7.3	182.2 $\pm$ 8.2	193.3 $\pm$ 8.5	89.7 $\pm$ 5.4	4.24	3.68	3.44	13.86
14 <sup>a</sup>	J013840.5-281856	24.6687	-28.3154	-5.0	-1.0	116.3 $\pm$ 6.1	177.0 $\pm$ 6.3	179.3 $\pm$ 8.5	77.9 $\pm$ 6.4	-	3.59	3.29	13.83
15 <sup>a</sup>	J141351.9-000026	213.4666	-0.0075	-2.1	1.9	188.6 $\pm$ 7.4	217.0 $\pm$ 8.1	176.4 $\pm$ 8.7	44.0 $\pm$ 4.9	2.48	2.16	2.47	13.57
16	<del>J141004.7+020306</del>	212.5196	2.0519	-2.8	-1.9	119.4 $\pm$ 7.3	151.0 $\pm$ 8.4	176.0 $\pm$ 8.7	86.0 $\pm$ 4.7	-	3.56	3.38	13.80
17 <sup>a</sup>	J232531.4-302236	351.3806	-30.3765	-3.6	1.9	175.6 $\pm$ 4.7	227.0 $\pm$ 5.0	175.7 $\pm$ 6.1	67.8 $\pm$ 6.1	-	2.76	2.71	13.74
18 <sup>a</sup>	J232419.8-323927	351.0825	-32.6574	-2.8	0.0	212.9 $\pm$ 4.7	244.2 $\pm$ 5.0	169.4 $\pm$ 6.2	52.9 $\pm$ 6.1	-	2.22	2.63	13.63
19 <sup>a</sup>	J090311.6+003907	135.7987	0.6521	-1.2	-0.9	133.2 $\pm$ 7.4	186.1 $\pm$ 8.2	165.2 $\pm$ 8.8	87.7 $\pm$ 6.3	3.04	3.39	3.17	13.81
20 <sup>a</sup>	J132504.4+311534	201.2682	31.2595	-2.4	4.0	240.6 $\pm$ 5.4	226.6 $\pm$ 6.0	164.9 $\pm$ 7.3	26.2 $\pm$ 4.9	1.84	1.70	2.02	13.46
21 <sup>a</sup>	J234418.1-303936	356.0755	-30.6601	-4.5	3.0	125.8 $\pm$ 5.5	185.5 $\pm$ 5.8	155.1 $\pm$ 7.4	51.3 $\pm$ 6.3	-	2.96	2.86	13.69
22 <sup>a</sup>	J002624.8-341738	6.6035	-34.2938	-2.5	0.9	137.7 $\pm$ 5.6	185.9 $\pm$ 6.1	148.8 $\pm$ 7.2	79.2 $\pm$ 8.8	-	3.25	2.87	13.77
23 <sup>a</sup>	J012046.5-282403	20.1936	-28.401	-3.5	0.0	103.3 $\pm$ 6.1	149.8 $\pm$ 6.0	145.7 $\pm$ 7.8	64.3 $\pm$ 5.8	-	3.40	3.20	13.72
24	J004736.0-272951	11.9	-27.4974	-3.0	-1.9	170.9 $\pm$ 5.7	197.1 $\pm$ 6.3	145.6 $\pm$ 7.4	64.8 $\pm$ 7.8	-	2.54	2.54	13.64
25 <sup>a</sup>	J235827.7-332444	359.6153	-32.5456	-3.2	0.9	112.5 $\pm$ 5.0	148.0 $\pm$ 5.4	143.4 $\pm$ 6.5	49.2 $\pm$ 5.7	-	3.07	2.96	13.65
26 <sup>a</sup>	J225844.8-295125	344.6867	-29.8569	-2.0	3.0	175.4 $\pm$ 5.6	186.9 $\pm$ 6.2	142.6 $\pm$ 7.8	51.7 $\pm$ 8.7	-	2.34	2.41	13.57
27	J011424.0-333614	18.6002	-33.6038	-5.4	-1.9	72.2 $\pm$ 5.3	129.8 $\pm$ 5.6	138.6 $\pm$ 7.0	90.5 $\pm$ 6.3	-	4.51	3.89	13.89
28 <sup>a</sup>	J230815.6-343801	347.065	-34.6337	1.8	4.9	79.4 $\pm$ 5.8	135.4 $\pm$ 6.0	140.0 $\pm$ 7.4	79.4 $\pm$ 7.8	-	4.24	3.61	13.85
29 <sup>a</sup>	J133846.5+255055	204.6939	25.8485	-1.4	1.9	159.0 $\pm$ 5.8	183.1 $\pm$ 6.0	137.6 $\pm$ 7.5	36.9 $\pm$ 5.8	2.34	2.22	2.42	13.51
30	J132301.7+341649	200.757	34.2804	-3.2	1.9	124.1 $\pm$ 5.6	144.5 $\pm$ 6.0	137.0 $\pm$ 7.2	48.2 $\pm$ 4.7	2.19	2.73	2.78	13.57
31 <sup>a</sup>	J125652.5+275900	194.2186	27.9834	1.3	0.9	133.9 $\pm$ 5.8	164.1 $\pm$ 6.0	131.8 $\pm$ 7.4	41.5 $\pm$ 4.9	2.79	2.44	2.62	13.52
32 <sup>a</sup>	J091840.8+023048	139.6702	2.5133	-2.4	2.0	125.7 $\pm$ 7.2	150.7 $\pm$ 8.2	128.4 $\pm$ 8.7	32.9 $\pm$ 5.7	2.58	2.35	2.58	13.46
33 <sup>a</sup>	J224805.4-335820	342.0223	-33.9723	-1.6	0.0	122.3 $\pm$ 6.1	135.6 $\pm$ 6.6	126.9 $\pm$ 7.5	48.2 $\pm$ 6.0	-	2.76	2.72	13.56
34 <sup>a</sup>	J133413.8+260458	203.5577	26.0828	-6.3	0.0	136.1 $\pm$ 5.4	161.0 $\pm$ 5.5	126.5 $\pm$ 6.8	34.0 $\pm$ 5.7	-	2.35	2.54	13.49
35 <sup>a</sup>	J133543.0+300402	203.929	30.0671	-2.4	2.0	136.6 $\pm$ 5.4	145.7 $\pm$ 5.8	125.0 $\pm$ 6.9	35.8 $\pm$ 4.7	2.68	2.30	2.49	13.46
36	J235623.1-354119	359.0961	-35.6886	0.5	3.0	121.5 $\pm$ 6.1	161.0 $\pm$ 6.7	125.5 $\pm$ 7.7	64.0 $\pm$ 8.8	-	3.09	2.81	13.67
37 <sup>a</sup>	J232623.0-342642	351.596	-34.4451	-3.2	-2.9	153.7 $\pm$ 4.8	178.4 $\pm$ 5.2	123.5 $\pm$ 6.6	39.8 $\pm$ 8.2	-	2.31	2.65	13.52
38 <sup>a</sup>	J144608.6+021927	221.5359	2.3242	-10.5	-8.9	73.4 $\pm$ 7.1	111.7 $\pm$ 8.1	122.1 $\pm$ 8.7	13.6 $\pm$ 8.2	-	2.98	3.02	13.49
39 <sup>a</sup>	J232900.6-321744	352.2526	-32.2956	-0.5	4.9	118.3 $\pm$ 5.1	141.2 $\pm$ 5.5	119.7 $\pm$ 6.8	36.5 $\pm$ 7.0	-	2.66	2.65	13.53
40 <sup>a</sup>	J013240.0-330907	23.1666	-33.1518	3.6	2.0	112.0 $\pm$ 5.9	148.8 $\pm$ 6.5	117.7 $\pm$ 7.3	23.8 $\pm$ 6.9	-	2.47	2.99	13.47
41	J000124.9-354212	0.3537	-35.7033	1.9	-2.0	63.3 $\pm$ 6.2	91.1 $\pm$ 6.1	121.7 $\pm$ 7.4	31.8 $\pm$ 5.9	-	3.44	3.70	13.55
42 <sup>a</sup>	J000007.5-334060	0.0312	-33.6833	-1.2	0.9	130.3 $\pm$ 5.8	160.0 $\pm$ 6.1	116.2 $\pm$ 6.8	50.4 $\pm$ 6.1	-	2.58	2.61	13.54

Table A1 – continued

No.	H-ATLAS ID	RA (deg)	DEC (deg)	$\Delta$ RA ( $^{\circ}$ )	$\Delta$ DEC ( $^{\circ}$ )	$S_{250}$ (mJy)	$S_{350}$ (mJy)	$S_{500}$ (mJy)	$S_{850}$ (mJy)	$z_{\text{spec}}$	$z_{\text{phot,temp}}$	$z_{\text{phot,lvl}}$	Lum. $\log(L_{\odot})$
43 <sup>a</sup>	J132419.0+320752	201.0792	32.1311	-2.8	0.0	84.4 ± 4.9	116.0 ± 5.2	115.4 ± 6.3	37.0 ± 5.1	-	3.08	3.05	13.54
44 <sup>a</sup>	J133255.8+342208	203.2325	34.3689	3.8	0.9	164.3 ± 5.8	186.8 ± 5.8	114.9 ± 7.2	25.3 ± 4.5	-	1.81	2.21	13.38
45 <sup>a</sup>	J005132.8-301848	12.8867	-30.3134	-10.8	-0.9	164.6 ± 5.8	160.2 ± 6.1	113.1 ± 7.6	18.4 ± 7.3	-	1.81	2.11	13.34
46 <sup>a</sup>	J144556.1-004853	221.4838	-0.8148	4.0	5.9	126.7 ± 7.3	132.6 ± 8.4	111.8 ± 8.7	20.3 ± 5.1	-	1.97	2.35	13.31
47 <sup>a</sup>	J225250.7-313658	343.2114	-31.6161	-1.5	3.0	127.4 ± 4.6	138.7 ± 5.1	111.4 ± 6.3	27.4 ± 7.1	-	2.33	2.46	13.44
48	J121301.5-004922	183.2566	-0.8229	-4.1	1.6	136.6 ± 6.6	142.6 ± 7.4	110.9 ± 7.7	25.3 ± 5.0	-	1.99	2.31	13.35
49 <sup>a</sup>	J230546.3-331039	346.4427	-33.1774	-3.6	3.9	76.8 ± 6.0	110.9 ± 6.2	110.4 ± 7.3	31.9 ± 8.5	-	3.37	3.09	13.58
50	J120319.1-011253	180.8296	-1.2115	-2.8	0.9	114.3 ± 7.3	142.8 ± 8.2	110.2 ± 8.6	47.2 ± 5.4	-	2.66	2.75	13.52
51	J120709.2-014702	181.7886	-1.7841	-5.6	2.0	143.2 ± 7.4	149.2 ± 8.1	110.3 ± 8.7	23.8 ± 4.9	-	1.87	2.23	13.32
52 <sup>a</sup>	J125125.8+254930	192.8577	25.8249	-2.3	2.0	57.4 ± 5.8	96.8 ± 5.9	109.4 ± 7.2	39.4 ± 5.8	-	3.70	3.73	13.59
53	J115112.2-012637	177.801	-1.4437	-1.7	-0.8	141.2 ± 7.4	137.7 ± 8.2	108.4 ± 8.8	17.6 ± 5.5	-	1.71	2.09	13.24
54 <sup>a</sup>	J131540.6+262322	198.9192	26.3895	-8.9	1.0	94.0 ± 5.7	116.1 ± 6.1	108.6 ± 7.1	44.7 ± 4.6	-	2.95	2.96	13.52
55 <sup>a</sup>	J013951.9-321446	24.9664	-32.2462	0.6	4.0	109.0 ± 5.3	116.5 ± 5.5	107.1 ± 6.6	29.9 ± 7.1	-	2.56	2.53	13.44
56 <sup>a</sup>	J003207.7-303724	8.0321	-30.6234	-5.0	1.9	80.3 ± 5.4	106.1 ± 5.5	105.8 ± 6.7	24.6 ± 6.5	-	2.93	2.86	13.47
57 <sup>a</sup>	J004853.3-303110	12.2219	-30.5193	2.4	-3.0	118.1 ± 4.9	147.3 ± 5.2	105.4 ± 6.4	60.7 ± 8.5	-	2.85	2.63	13.58
58 <sup>a</sup>	J130333.1+244643	195.8881	24.7786	-0.3	0.0	99.0 ± 5.5	111.5 ± 5.9	104.5 ± 7.1	30.5 ± 5.0	-	2.53	2.65	13.41
59 <sup>a</sup>	J091304.9-005344	138.2708	-0.8956	-3.2	5.0	118.2 ± 6.4	136.8 ± 7.4	104.3 ± 7.7	42.0 ± 5.4	2.63	2.48	2.58	13.46
60	J005724.2-273122	14.351	-27.5229	-6.4	0.0	73.3 ± 5.8	101.2 ± 6.1	103.6 ± 7.5	39.8 ± 5.7	-	3.27	3.15	13.53
61 <sup>a</sup>	J120127.6-014043	180.3652	-1.6789	-1.6	-4.9	67.4 ± 6.5	112.1 ± 7.4	103.9 ± 7.7	38.1 ± 4.8	-	3.16	3.11	13.51
62	J121542.7-005220	183.9281	-0.8723	-1.1	-0.5	119.7 ± 7.4	135.5 ± 8.2	103.4 ± 8.6	32.4 ± 5.1	-	2.21	2.49	13.38
63 <sup>a</sup>	J005132.0-302012	12.8833	-30.3366	-8.9	-8.9	119.3 ± 5.4	121.0 ± 6.0	102.0 ± 7.0	33.9 ± 6.9	-	2.36	2.42	13.41
64 <sup>a</sup>	J130118.0+253708	195.3252	25.6119	-1.4	-2.0	60.2 ± 4.8	101.1 ± 5.3	101.5 ± 6.4	54.3 ± 4.6	-	3.94	3.49	13.65
65 <sup>a</sup>	J134422.6+231952	206.0943	23.3311	0.6	1.9	109.6 ± 6.4	98.3 ± 7.2	101.6 ± 7.7	24.4 ± 5.8	-	2.27	2.40	13.33
66	J115820.1-013752	179.584	-1.6313	-0.6	-2.8	119.8 ± 6.8	123.7 ± 7.7	101.5 ± 7.9	25.8 ± 4.2	2.19	2.05	2.37	13.31
67 <sup>a</sup>	J224207.2-324159	340.5301	-32.6999	-1.8	1.0	73.0 ± 5.9	88.1 ± 6.5	100.8 ± 8.0	35.8 ± 5.7	-	3.16	3.09	13.47
68 <sup>a</sup>	J223753.8-305828	339.4743	-30.9745	-3.6	4.0	139.1 ± 5.3	144.8 ± 5.4	100.5 ± 6.6	46.7 ± 7.7	-	2.21	2.33	13.43
69 <sup>a</sup>	J012416.0-310500	21.0666	-31.0834	-4.3	6.0	140.4 ± 5.8	154.5 ± 6.0	100.3 ± 7.3	26.9 ± 7.3	-	2.00	2.25	13.37
70	J130140.2+292918	195.4176	29.4882	3.4	-1.9	119.6 ± 5.8	136.8 ± 5.8	100.0 ± 7.1	21.9 ± 5.5	-	2.08	2.36	13.34
71	J113243.0-005108	173.1795	-0.8525	-3.1	6.1	67.8 ± 7.3	105.8 ± 8.2	99.8 ± 8.8	10.8 ± 5.1	2.58	2.30	2.72	13.25
72	J144512.1-001510	221.3006	-0.253	-0.3	0.9	78.8 ± 6.5	100.7 ± 7.4	99.6 ± 7.7	34.2 ± 4.7	-	2.86	2.96	13.43
73	J012853.0-332719	22.2208	-33.4554	0.0	5.0	117.1 ± 6.0	129.0 ± 6.2	99.6 ± 7.4	49.4 ± 6.8	-	2.62	2.53	13.49
74	J120600.7+003459	181.5029	0.5832	-0.9	11.2	88.7 ± 7.4	104.1 ± 8.1	98.8 ± 8.7	13.2 ± 4.8	-	2.07	2.48	13.22
75	J011823.8-274404	19.5991	-27.7344	-11.1	3.9	124.4 ± 5.8	134.7 ± 5.9	98.7 ± 7.8	36.3 ± 7.1	-	2.28	2.41	13.41
76	J133534.1+341835	203.892	34.3097	4.7	0.9	108.5 ± 5.9	124.3 ± 6.0	98.5 ± 7.0	27.4 ± 4.4	-	2.22	2.51	13.35
77	J005629.6-311206	14.1234	-31.2017	3.1	-8.0	93.2 ± 5.8	135.2 ± 5.9	98.3 ± 7.7	14.3 ± 7.5	-	2.45	2.63	13.40
78	J143352.4+020417	218.4685	2.0715	-3.3	2.0	87.7 ± 7.3	102.4 ± 8.1	98.2 ± 8.8	33.9 ± 5.7	-	2.72	2.80	13.42
79	J113143.1+335219	198.642	33.8719	2.8	-6.0	103.4 ± 5.6	115.3 ± 6.0	97.9 ± 7.3	28.5 ± 5.0	-	2.36	2.53	13.37
80	J230002.6-315005	345.0109	-31.8348	2.1	4.9	122.7 ± 5.7	122.1 ± 6.3	97.7 ± 7.6	20.6 ± 6.1	-	2.02	2.31	13.30
81	J002054.6-312752	5.2274	-31.4646	-6.2	-3.0	82.8 ± 5.6	114.8 ± 5.9	97.5 ± 7.2	19.4 ± 6.6	-	2.64	2.73	13.40
82	J12144.8+010638	182.9369	1.1106	-5.5	-5.0	114.5 ± 6.7	123.2 ± 7.6	96.8 ± 8.0	29.4 ± 6.0	-	2.23	2.44	13.36
83	J121812.8+011841	184.5334	1.3116	-1.7	3.8	49.5 ± 7.2	79.7 ± 8.1	94.1 ± 8.8	45.2 ± 5.5	-	3.93	3.62	13.57
84	J224400.8-340031	341.0035	-34.0086	-6.3	6.0	105.1 ± 5.9	123.0 ± 6.4	97.0 ± 7.6	27.6 ± 6.7	-	2.39	2.54	13.39
85	J114752.7-005831	176.9699	-0.9754	7.5	9.9	92.1 ± 6.6	104.2 ± 7.4	96.0 ± 7.7	8.0 ± 6.1	-	2.15	2.47	13.26
86	J235324.7-331111	358.3528	-33.1864	-5.5	0.0	77.4 ± 5.6	90.7 ± 5.8	96.0 ± 7.4	33.8 ± 6.1	-	3.03	2.90	13.45
87	J002533.6-333826	6.3899	-33.6406	-5.2	3.0	114.7 ± 5.2	127.8 ± 6.1	96.0 ± 7.3	20.4 ± 5.3	-	2.07	2.34	13.31

**Table A1** – *continued*

No.	H-ATLAS ID	RA (deg)	DEC (deg)	$\Delta$ RA ( $^{\circ}$ )	$\Delta$ DEC ( $^{\circ}$ )	$S_{250}$ (mJy)	$S_{350}$ (mJy)	$S_{500}$ (mJy)	$S_{850}$ (mJy)	$z_{\text{spec}}$	$z_{\text{phot,temp}}$	$z_{\text{phot,lvi}}$	Lum. $\log(L_{\odot})$
88	J083344.9+000109	128.4374	0.0193	0.6	-8.9	71.0 $\pm$ 7.6	96.0 $\pm$ 8.1	95.9 $\pm$ 8.8	16.3 $\pm$ 5.8	3.10	2.47	2.76	13.29
89	J131611.5+281219	199.0479	28.2053	-2.8	-1.0	71.8 $\pm$ 5.7	103.4 $\pm$ 5.7	95.7 $\pm$ 7.0	52.8 $\pm$ 4.3	-	3.53	3.31	13.59
90	J005659.4-295039	14.2473	-29.8441	0.3	-3.0	59.5 $\pm$ 5.9	96.9 $\pm$ 6.2	95.6 $\pm$ 7.4	34.5 $\pm$ 6.1	-	3.44	3.17	13.52
91	J092135.6+000131	140.3987	0.0255	-0.0	1.0	139.2 $\pm$ 7.3	128.8 $\pm$ 8.1	95.1 $\pm$ 8.6	21.4 $\pm$ 6.5	-	1.79	2.06	13.26
92	J133808.9+255153	204.5371	25.8647	-7.0	0.0	42.2 $\pm$ 7.0	75.3 $\pm$ 6.0	94.9 $\pm$ 7.2	17.9 $\pm$ 6.2	-	3.54	3.35	13.45
93	J234750.5-352931	356.9606	-35.492	-1.3	-1.9	77.3 $\pm$ 5.4	87.3 $\pm$ 5.7	94.8 $\pm$ 7.0	22.8 $\pm$ 5.7	-	2.73	2.77	13.37
94	J000950.5-353829	2.4605	-35.6414	3.3	-1.0	100.0 $\pm$ 5.4	114.4 $\pm$ 6.0	94.7 $\pm$ 6.9	25.9 $\pm$ 6.4	-	2.43	2.54	13.38
95	J134342.5+263919	205.9272	26.6552	1.3	-9.0	61.9 $\pm$ 5.7	101.3 $\pm$ 5.7	94.7 $\pm$ 7.6	27.4 $\pm$ 6.2	-	3.20	3.04	13.48
96	J113803.6-011737	174.5151	-1.2937	-6.9	-8.2	85.1 $\pm$ 7.3	98.4 $\pm$ 8.2	94.8 $\pm$ 8.8	11.3 $\pm$ 5.1	3.15	2.09	2.48	13.21
97	J224027.8-343135	340.1158	-34.5263	-3.2	10.9	96.1 $\pm$ 6.0	98.5 $\pm$ 6.3	94.4 $\pm$ 7.7	9.5 $\pm$ 7.9	-	2.28	2.49	13.3
98	J001030.1-330622	2.6255	-33.106	-5.7	-3.0	56.3 $\pm$ 4.9	51.7 $\pm$ 5.0	94.4 $\pm$ 6.5	11.1 $\pm$ 6.1	-	3.06	3.10	13.31
99	J091809.5+001929	139.5397	0.3248	7.4	-4.0	93.2 $\pm$ 7.4	116.6 $\pm$ 8.2	94.3 $\pm$ 8.7	23.9 $\pm$ 5.0	-	2.26	2.56	13.31
100	J113833.3+004909	174.639	0.8194	7.4	6.0	96.8 $\pm$ 7.3	106.4 $\pm$ 8.1	93.4 $\pm$ 8.7	6.3 $\pm$ 5.9	2.22	1.94	2.34	13.20
101	J011246.5-330611	18.1935	-33.103	-1.7	-0.9	118.1 $\pm$ 5.8	120.0 $\pm$ 6.2	93.9 $\pm$ 7.5	19.4 $\pm$ 7.1	-	2.06	2.33	13.30
102	J233024.1-325032	352.6006	-32.8422	-0.3	5.0	74.5 $\pm$ 5.7	100.2 $\pm$ 6.0	93.7 $\pm$ 7.5	31.7 $\pm$ 7.2	-	3.10	2.96	13.48
103	J225324.2-325845	343.351	-32.5845	5.7	3.0	126.1 $\pm$ 5.3	131.2 $\pm$ 5.7	93.5 $\pm$ 7.0	33.7 $\pm$ 7.6	-	2.15	2.33	13.36
104	J001838.7-354133	4.6613	-35.6925	0.0	3.9	134.0 $\pm$ 5.6	128.5 $\pm$ 6.1	93.4 $\pm$ 6.9	20.1 $\pm$ 6.7	-	1.87	2.21	13.28
105	J083932.2-011758	129.8843	-1.2995	-3.6	-3.9	73.8 $\pm$ 7.4	88.5 $\pm$ 8.1	93.2 $\pm$ 8.7	19.0 $\pm$ 5.4	-	2.48	2.73	13.29
106	J001802.2-313505	4.509	-31.5847	-0.5	1.9	126.7 $\pm$ 5.8	125.6 $\pm$ 5.9	93.1 $\pm$ 7.4	29.7 $\pm$ 6.2	-	2.05	2.24	13.33
107	J014520.0-313835	26.3335	-31.643	8.6	3.9	97.3 $\pm$ 6.1	99.1 $\pm$ 6.4	93.1 $\pm$ 7.8	15.3 $\pm$ 5.1	-	2.09	2.38	13.24
108	J083817.4-004134	129.5726	-0.6929	-4.7	-0.9	84.5 $\pm$ 7.4	106.1 $\pm$ 8.2	93.0 $\pm$ 8.8	34.7 $\pm$ 6.0	-	2.76	2.82	13.42
109	J132900.4+281914	202.2519	28.3206	-3.7	0.9	121.7 $\pm$ 5.4	140.1 $\pm$ 5.9	92.8 $\pm$ 7.6	29.3 $\pm$ 5.6	-	2.14	2.63	13.34
110	J141832.9+010212	214.6375	1.0368	-5.0	0.0	66.0 $\pm$ 6.6	106.5 $\pm$ 7.5	92.8 $\pm$ 7.8	30.1 $\pm$ 4.6	-	2.83	2.95	13.40
111	J223942.4-333304	339.9268	-33.5512	-7.4	-2.9	105.9 $\pm$ 6.5	115.6 $\pm$ 6.2	92.7 $\pm$ 7.4	13.3 $\pm$ 6.9	-	2.10	2.39	13.29
112	J131211.5+323837	202.7852	30.5095	-2.3	1.0	71.8 $\pm$ 5.8	87.0 $\pm$ 5.8	92.2 $\pm$ 7.0	220.3 $\pm$ 6.2	-	7.85	7.76	14.35
113	J012209.5-273824	198.0479	32.6436	3.8	-2.9	80.7 $\pm$ 5.9	103.4 $\pm$ 6.0	92.0 $\pm$ 7.0	32.0 $\pm$ 5.2	-	2.77	2.83	13.42
114	J133538.3+265742	203.9095	26.9617	-6.3	5.0	116.2 $\pm$ 5.6	133.5 $\pm$ 6.0	91.8 $\pm$ 6.9	18.2 $\pm$ 6.9	-	2.57	2.66	13.34
115	J121348.0+010812	183.4504	1.1368	-2.5	0.4	65.1 $\pm$ 7.4	96.6 $\pm$ 8.2	93.6 $\pm$ 8.5	29.6 $\pm$ 6.4	-	3.20	3.17	13.48
116	J000806.8-351205	2.0283	-35.2014	-1.9	5.0	81.0 $\pm$ 5.6	112.7 $\pm$ 5.9	91.6 $\pm$ 6.9	39.4 $\pm$ 6.9	-	3.08	2.89	13.51
117	J232200.1-355622	350.5003	-35.9395	-2.2	-3.9	60.0 $\pm$ 6.3	84.3 $\pm$ 6.6	90.9 $\pm$ 7.7	12.5 $\pm$ 8.3	-	3.06	2.98	13.40
118	J113833.8-014655	174.6412	-1.7822	-1.2	10.1	68.5 $\pm$ 7.2	85.6 $\pm$ 8.1	91.2 $\pm$ 8.6	12.5 $\pm$ 5.5	-	2.38	2.70	13.24
119	J012222.3-274456	20.593	-27.749	-0.6	2.0	61.8 $\pm$ 5.9	101.3 $\pm$ 6.4	90.7 $\pm$ 7.6	17.5 $\pm$ 6.5	-	2.89	2.93	13.39
120	J23615.2-343301	339.0635	-34.5503	-3.2	-0.9	85.4 $\pm$ 6.0	99.1 $\pm$ 6.3	90.6 $\pm$ 7.2	45.3 $\pm$ 7.5	-	3.11	2.83	13.50
121	J003717.0-323307	9.3208	-32.5519	4.9	10.0	73.7 $\pm$ 5.7	95.8 $\pm$ 6.0	90.3 $\pm$ 7.6	17.2 $\pm$ 5.5	-	2.52	2.71	13.31
122	J233037.3-331218	352.6554	-33.2049	7.9	9.9	106.2 $\pm$ 5.9	107.9 $\pm$ 6.0	90.0 $\pm$ 7.5	16.3 $\pm$ 7.9	-	2.16	2.36	13.30
123	J122158.5+003326	185.494	0.5573	-3.1	-4.8	135.7 $\pm$ 7.3	116.1 $\pm$ 8.2	89.8 $\pm$ 8.6	20.8 $\pm$ 5.9	-	1.72	1.98	13.21
124	J130432.2+295338	196.1341	29.894	0.8	-2.0	75.7 $\pm$ 5.8	103.4 $\pm$ 5.7	89.8 $\pm$ 7.1	24.0 $\pm$ 4.1	-	2.49	2.73	13.32
125	J145135.2-011418	222.8969	-1.2383	1.4	2.0	81.9 $\pm$ 7.2	95.9 $\pm$ 8.2	89.8 $\pm$ 8.8	22.3 $\pm$ 5.7	-	2.44	2.65	13.30
126	J132128.6+282020	200.369	28.3389	-1.4	0.9	110.0 $\pm$ 5.5	122.7 $\pm$ 6.1	89.5 $\pm$ 6.9	30.0 $\pm$ 6.1	-	2.26	2.44	13.35
127	J130414.6+303538	196.0607	30.5938	-0.4	2.0	106.4 $\pm$ 5.7	111.2 $\pm$ 5.9	89.2 $\pm$ 7.1	24.9 $\pm$ 5.1	-	2.16	2.39	13.30
128	J130053.8+260303	195.2242	26.0509	0.2	0.9	59.4 $\pm$ 5.9	85.4 $\pm$ 5.9	89.0 $\pm$ 7.0	35.2 $\pm$ 4.4	-	3.27	3.22	13.45
129	J142706.4+002258	216.777	0.3829	-8.1	-4.9	119.4 $\pm$ 7.3	118.7 $\pm$ 8.1	88.8 $\pm$ 8.6	15.5 $\pm$ 5.1	-	1.77	2.11	13.19
130	J225339.1-325550	343.413	-32.9305	-1.5	-2.0	85.5 $\pm$ 5.2	99.7 $\pm$ 5.5	88.0 $\pm$ 6.9	19.1 $\pm$ 6.6	-	2.50	2.60	13.34

Table A1 – continued

No.	H-ATLAS ID	RA (deg)	DEC (deg)	$\Delta$ RA ( $^{\circ}$ )	$\Delta$ DEC ( $^{\circ}$ )	$S_{250}$ (mJy)	$S_{350}$ (mJy)	$S_{500}$ (mJy)	$S_{850}$ (mJy)	$z_{\text{spec}}$	$z_{\text{phot,temp}}$	$z_{\text{phot,lvl}}$	Lum. $\log(L_{\odot})$
132	J231205.2-295027	348.0216	-29.8407	-3.2	2.0	86.7 $\pm$ 5.8	102.6 $\pm$ 6.0	90.6 $\pm$ 7.8	16.6 $\pm$ 7.4	-	2.46	2.58	13.34
133	J134441.5+240345	206.1728	24.0626	5.7	8.1	85.4 $\pm$ 5.5	98.5 $\pm$ 6.1	88.1 $\pm$ 7.3	17.4 $\pm$ 5.9	-	2.37	2.54	13.30
134	J133440.4+35141	203.6684	35.5281	1.3	-0.0	69.9 $\pm$ 5.9	97.3 $\pm$ 6.2	87.9 $\pm$ 7.3	20.4 $\pm$ 4.9	-	2.57	2.77	13.32
135	J225611.7-325653	344.0486	-32.948	-	-	85.4 $\pm$ 5.5	96.7 $\pm$ 6.2	87.8 $\pm$ 7.5	-	-	3.13	2.65	13.50
136	J085308.5-005728	133.2857	-0.9578	-1.6	1.9	68.3 $\pm$ 7.5	97.5 $\pm$ 8.2	87.7 $\pm$ 8.6	28.1 $\pm$ 5.9	-	2.82	2.89	13.38
137	J145337.2+000407	223.4052	0.0689	-9.2	-0.9	86.0 $\pm$ 7.2	103.6 $\pm$ 8.0	87.7 $\pm$ 8.6	29.4 $\pm$ 6.6	-	2.59	2.68	13.37
138	J011730.3-320719	19.3764	-32.122	-1.6	2.0	120.4 $\pm$ 5.8	111.2 $\pm$ 6.4	87.4 $\pm$ 7.8	18.6 $\pm$ 6.0	-	1.86	2.08	13.22
139	J134855.6+240745	207.2317	24.1292	5.2	1.9	76.9 $\pm$ 5.9	82.9 $\pm$ 5.9	87.4 $\pm$ 6.8	15.2 $\pm$ 6.0	-	2.51	2.54	13.29
140	J142140.3+000447	215.4183	0.08	-9.1	8.9	96.8 $\pm$ 7.2	98.5 $\pm$ 8.2	87.4 $\pm$ 8.7	20.9 $\pm$ 5.4	-	2.14	2.41	13.25
141	J224759.7-310135	341.9986	-31.0264	-5.6	2.9	122.1 $\pm$ 6.1	124.4 $\pm$ 6.5	87.3 $\pm$ 7.5	16.3 $\pm$ 7.0	-	1.88	2.14	13.25
142	J091454.0-010358	138.7253	-1.0663	-3.5	4.0	69.0 $\pm$ 7.3	72.2 $\pm$ 8.1	87.2 $\pm$ 8.5	22.4 $\pm$ 5.7	-	2.70	2.83	13.30
143	J141810.0-003747	214.542	-0.6298	-0.2	-0.9	77.7 $\pm$ 6.5	97.3 $\pm$ 7.4	87.1 $\pm$ 7.9	16.4 $\pm$ 3.8	-	2.14	2.54	13.20
144	J222629.4-321112	336.6226	-32.1866	-2.7	-6.9	98.9 $\pm$ 8.4	116.5 $\pm$ 8.2	87.0 $\pm$ 11.5	14.0 $\pm$ 7.3	-	2.00	2.36	13.24
145	J012335.1-314619	20.8963	-31.7718	-0.7	9.9	54.7 $\pm$ 6.0	67.4 $\pm$ 6.2	86.8 $\pm$ 7.7	13.4 $\pm$ 7.0	-	3.01	3.05	13.33
146	J232210.9-333749	350.5454	-33.6304	-0.0	-1.9	122.4 $\pm$ 5.2	134.6 $\pm$ 5.4	86.6 $\pm$ 6.8	24.1 $\pm$ 6.9	-	2.01	2.25	13.31
147	J143403.5+000234	218.5149	0.0429	-3.3	4.0	103.3 $\pm$ 7.4	103.3 $\pm$ 8.1	86.6 $\pm$ 8.5	28.2 $\pm$ 4.9	-	2.22	2.47	13.30
148	J224026.5-315155	340.1106	-31.8652	-10.4	-5.9	120.6 $\pm$ 5.0	121.2 $\pm$ 5.5	86.3 $\pm$ 6.8	25.2 $\pm$ 6.8	-	2.01	2.24	13.29
149	J133827.6+313956	204.6149	31.6654	-4.3	4.0	101.5 $\pm$ 5.5	103.3 $\pm$ 6.0	86.0 $\pm$ 7.0	18.4 $\pm$ 5.4	-	2.09	2.35	13.25
150	J122459.1-005647	186.2466	-0.9465	-1.8	-5.1	53.6 $\pm$ 7.2	81.3 $\pm$ 8.3	92.0 $\pm$ 8.9	35.8 $\pm$ 4.4	-	3.36	3.35	13.45
151	J012530.5-302509	21.3772	-30.4192	5.4	-1.0	64.2 $\pm$ 5.8	92.9 $\pm$ 5.8	85.8 $\pm$ 6.9	26.2 $\pm$ 7.3	-	3.15	2.94	13.45
152	J133057.5+311734	202.7394	31.2928	-0.5	5.9	47.7 $\pm$ 5.6	53.4 $\pm$ 6.0	85.8 $\pm$ 6.9	14.1 $\pm$ 5.0	-	2.99	3.10	13.26
153	J144243.4+015504	220.6809	1.9179	1.2	0.0	123.2 $\pm$ 7.2	133.4 $\pm$ 8.1	85.7 $\pm$ 8.8	31.1 $\pm$ 5.6	-	2.02	2.52	13.31
154	J132258.2+325050	200.7423	32.8473	-2.6	-0.9	79.1 $\pm$ 5.6	87.9 $\pm$ 5.9	85.6 $\pm$ 7.2	28.8 $\pm$ 4.2	-	2.63	2.72	13.34
155	J000330.7-321136	0.8778	-32.1934	2.5	-1.9	59.9 $\pm$ 5.8	94.2 $\pm$ 5.8	85.6 $\pm$ 7.2	33.3 $\pm$ 6.5	-	3.37	3.39	13.49
156	J002144.8-295218	5.4368	-29.8716	1.3	-0.0	103.7 $\pm$ 5.7	91.3 $\pm$ 6.1	85.4 $\pm$ 6.9	20.3 $\pm$ 7.2	-	2.16	2.33	13.26
157	J084957.7+010713	132.4905	1.1204	-3.8	-0.0	81.2 $\pm$ 7.3	98.9 $\pm$ 8.2	85.2 $\pm$ 8.7	30.9 $\pm$ 5.8	-	2.66	2.74	13.37
158	J132329.9+311528	200.8745	31.2579	-0.1	-1.0	64.7 $\pm$ 5.4	75.7 $\pm$ 6.2	85.1 $\pm$ 7.2	24.4 $\pm$ 4.1	-	2.77	2.87	13.31
159	J235122.0-332902	357.8416	-33.4839	1.8	6.9	92.1 $\pm$ 5.9	98.3 $\pm$ 5.9	85.0 $\pm$ 7.1	20.8 $\pm$ 7.6	-	2.39	2.53	13.32
160	J011014.5-314814	17.5604	-31.8038	-1.0	-3.0	48.6 $\pm$ 5.6	84.2 $\pm$ 6.0	84.8 $\pm$ 7.1	36.6 $\pm$ 6.4	-	3.83	3.68	13.54
161	J122407.4-003247	186.031	-0.5465	2.1	-0.1	56.5 $\pm$ 7.3	75.7 $\pm$ 8.1	82.4 $\pm$ 8.8	9.8 $\pm$ 4.3	-	2.22	2.66	13.12
162	J144334.3-003034	220.893	-0.5095	-4.8	3.9	76.1 $\pm$ 6.5	92.5 $\pm$ 7.3	84.6 $\pm$ 7.7	26.7 $\pm$ 5.1	-	2.63	2.74	13.34
163	J000745.8-342014	1.941	-34.3373	-3.4	3.0	92.7 $\pm$ 5.9	92.6 $\pm$ 5.9	84.5 $\pm$ 7.6	5.6 $\pm$ 6.9	-	2.06	2.35	13.20
164	J121416.3-013704	183.5682	-1.6179	7.6	3.6	88.0 $\pm$ 6.4	99.3 $\pm$ 7.4	84.3 $\pm$ 7.7	19.4 $\pm$ 5.6	-	2.26	2.53	13.27
165	J090613.8-010042	136.5576	-1.0118	6.3	4.9	73.4 $\pm$ 7.4	80.2 $\pm$ 8.0	84.3 $\pm$ 8.7	15.1 $\pm$ 6.2	-	2.39	2.57	13.24
166	J222503.8-304848	336.2657	-30.8133	-6.3	6.9	32.4 $\pm$ 7.2	50.1 $\pm$ 8.5	84.3 $\pm$ 10.3	16.3 $\pm$ 6.6	-	3.49	3.44	13.30
167	J130341.5+313754	195.9229	31.6315	4.8	10.0	52.1 $\pm$ 5.6	82.2 $\pm$ 6.0	84.3 $\pm$ 7.2	12.4 $\pm$ 5.5	-	2.81	2.95	13.30
168	J225045.5-304719	342.6896	-30.7887	0.9	2.0	65.5 $\pm$ 6.1	88.1 $\pm$ 6.1	84.0 $\pm$ 7.5	58.0 $\pm$ 7.4	-	3.87	3.27	13.61
169	J083859.3+021325	129.7472	2.2239	2.3	3.9	95.2 $\pm$ 7.5	105.2 $\pm$ 8.2	84.0 $\pm$ 8.7	31.2 $\pm$ 5.4	-	2.40	2.53	13.34
170	J000455.4-300812	1.2307	-33.1366	0.6	-1.9	61.9 $\pm$ 5.4	78.8 $\pm$ 6.0	83.8 $\pm$ 7.0	45.8 $\pm$ 6.4	-	3.69	3.24	13.54
171	J083945.0+021021	129.9378	2.1728	-5.4	1.9	71.3 $\pm$ 7.3	97.4 $\pm$ 8.1	83.4 $\pm$ 8.6	19.6 $\pm$ 4.5	-	2.33	2.66	13.24
172	J145040.5+003333	222.6688	0.5594	3.1	-3.0	76.1 $\pm$ 7.4	85.1 $\pm$ 8.1	83.3 $\pm$ 8.9	12.8 $\pm$ 5.3	-	2.16	2.50	13.18
173	J131804.7+325016	199.5195	32.8379	-3.3	-2.9	73.3 $\pm$ 5.6	92.7 $\pm$ 6.0	83.3 $\pm$ 7.2	18.8 $\pm$ 4.3	-	2.38	2.64	13.25
174	J003728.7-284125	9.3696	-28.6903	-2.9	2.9	95.6 $\pm$ 5.7	84.8 $\pm$ 5.9	83.2 $\pm$ 7.4	17.5 $\pm$ 7.2	-	2.19	2.33	13.24
175	J121900.8+003326	184.7537	0.5575	-1.6	-0.9	56.7 $\pm$ 7.4	81.5 $\pm$ 8.0	81.9 $\pm$ 8.8	20.6 $\pm$ 6.0	-	2.80	2.93	13.31
176	J131222.2+270219	198.0926	27.0386	-0.6	1.9	76.7 $\pm$ 5.5	90.1 $\pm$ 5.8	82.9 $\pm$ 6.9	27.2 $\pm$ 5.1	-	2.67	2.72	13.34



**Table A1** – *continued*

No.	H-ATLAS ID	RA (deg)	DEC (deg)	$\Delta$ RA ( $^{\circ}$ )	$\Delta$ DEC ( $^{\circ}$ )	$S_{250}$ (mJy)	$S_{350}$ (mJy)	$S_{500}$ (mJy)	$S_{850}$ (mJy)	$z_{\text{spec}}$	$z_{\text{phot,temp}}$	$z_{\text{phot,lvi}}$	Lum. $\log(L_{\odot})$
177	J115433.6+005042	178.6402	0.8451	1.7	2.0	53.9 $\pm$ 7.4	85.8 $\pm$ 8.1	83.9 $\pm$ 8.6	51.4 $\pm$ 4.9	–	3.93	3.66	13.59
178	J011850.1–283642	19.7087	–28.6118	–4.0	3.0	93.3 $\pm$ 5.9	113.2 $\pm$ 6.1	82.7 $\pm$ 7.4	39.6 $\pm$ 6.1	–	2.67	2.64	13.42
179	J115521.0–021329	178.8376	–2.2249	–1.1	0.3	62.9 $\pm$ 7.3	79.9 $\pm$ 8.2	82.2 $\pm$ 8.5	32.6 $\pm$ 5.3	–	3.08	3.09	13.40
180	J131539.2+292219	198.9134	29.372	–1.8	5.9	88.2 $\pm$ 5.4	102.6 $\pm$ 5.8	82.6 $\pm$ 7.1	19.0 $\pm$ 4.4	–	2.17	2.45	13.24
181	J005850.0–290122	14.7082	–29.0229	–0.6	–7.0	92.5 $\pm$ 5.7	116.6 $\pm$ 6.0	82.6 $\pm$ 7.2	18.0 $\pm$ 6.6	–	2.25	2.47	13.30
182	J230538.5–312204	346.4106	–31.3678	–	–	89.0 $\pm$ 5.7	109.1 $\pm$ 6.2	82.3 $\pm$ 7.9	–	–	2.92	2.59	13.47
183	J090453.2+022017	136.222	2.3383	–1.3	–2.0	87.0 $\pm$ 7.2	98.2 $\pm$ 8.0	82.3 $\pm$ 8.8	33.2 $\pm$ 6.2	–	2.61	2.65	13.37
184	J234955.7–330833	357.4821	–33.1425	–	–	91.9 $\pm$ 5.9	107.6 $\pm$ 6.0	82.3 $\pm$ 7.1	–	–	2.72	2.54	13.43
185	J092408.8–005017	141.0368	–0.8382	–3.6	1.0	71.8 $\pm$ 5.4	87.7 $\pm$ 8.2	82.2 $\pm$ 8.5	37.0 $\pm$ 6.0	–	3.05	2.96	13.43
186	J013217.0–320953	23.0708	–32.1647	–7.0	2.9	57.5 $\pm$ 7.4	79.2 $\pm$ 5.9	82.2 $\pm$ 7.0	37.8 $\pm$ 6.7	–	3.61	3.21	13.51
187	J083705.2+020033	129.2719	2.0092	3.3	–0.9	108.0 $\pm$ 7.2	97.0 $\pm$ 8.1	82.0 $\pm$ 8.6	18.5 $\pm$ 4.7	–	1.86	2.13	13.17
188	J084259.9+024959	130.7498	2.8331	1.2	–1.9	84.2 $\pm$ 7.4	101.5 $\pm$ 8.1	81.8 $\pm$ 8.6	15.1 $\pm$ 4.6	–	2.03	2.43	13.18
189	J225600.7–313232	344.0029	–31.5421	–0.1	0.9	119.5 $\pm$ 5.9	132.1 $\pm$ 6.2	81.7 $\pm$ 7.6	39.5 $\pm$ 6.6	–	2.18	2.55	13.36
190	J090405.3–003332	136.0222	–0.5591	0.5	2.9	82.7 $\pm$ 7.3	90.8 $\pm$ 8.2	81.6 $\pm$ 8.7	28.7 $\pm$ 5.6	–	2.54	2.65	13.32
191	J124753.3+322448	191.9722	32.4134	–1.5	–0.0	57.7 $\pm$ 5.9	81.5 $\pm$ 5.8	81.5 $\pm$ 7.5	26.7 $\pm$ 5.2	–	3.03	3.05	13.37
192	J222628.8–304421	336.6202	–30.739	–	–	101.3 $\pm$ 7.7	97.0 $\pm$ 8.3	81.5 $\pm$ 9.9	–	–	2.34	2.33	13.32
193	J085352.0–000804	133.4669	–0.1346	–2.5	0.0	96.0 $\pm$ 7.3	95.0 $\pm$ 8.1	81.4 $\pm$ 8.9	35.8 $\pm$ 5.5	–	2.54	2.53	13.36
194	J085521.1–003603	133.8382	–0.6011	5.6	1.0	95.6 $\pm$ 7.5	98.8 $\pm$ 8.1	81.3 $\pm$ 8.5	26.0 $\pm$ 6.1	–	2.26	2.48	13.28
195	J145754.2+000018	224.476	0.0051	4.6	3.0	70.3 $\pm$ 7.3	92.7 $\pm$ 8.1	81.0 $\pm$ 8.8	17.3 $\pm$ 5.3	–	2.35	2.64	13.23
196	J134403.1+242628	206.0131	24.4411	–0.4	–8.9	86.9 $\pm$ 5.7	92.3 $\pm$ 6.3	81.0 $\pm$ 7.1	13.9 $\pm$ 6.3	–	2.22	2.44	13.24
197	J122034.2–003805	185.1429	–0.635	–9.5	7.9	81.9 $\pm$ 7.5	93.8 $\pm$ 8.2	84.8 $\pm$ 8.7	11.1 $\pm$ 5.1	–	2.04	2.43	13.17
198	J222235.8–324528	335.6493	–32.7577	–	–	71.3 $\pm$ 8.3	82.1 $\pm$ 8.0	80.7 $\pm$ 10.7	–	–	3.40	2.74	13.50
199	J133352.2+334913	203.4674	33.8203	5.7	1.9	112.4 $\pm$ 5.4	108.8 $\pm$ 5.9	80.6 $\pm$ 7.0	20.3 $\pm$ 5.8	–	1.92	2.14	13.22
200	J014313.2–332633	25.8052	–33.4425	–2.4	–8.9	107.1 $\pm$ 6.1	109.7 $\pm$ 6.0	80.5 $\pm$ 7.5	11.3 $\pm$ 6.6	–	1.88	2.16	13.20
201	J111117.8–010655	212.8246	–1.1155	2.9	2.0	52.2 $\pm$ 7.2	78.6 $\pm$ 8.2	80.5 $\pm$ 8.7	24.8 $\pm$ 4.7	–	2.92	3.04	13.31
202	J143328.4+020811	218.3684	2.1365	–6.8	3.0	117.5 $\pm$ 7.3	100.7 $\pm$ 8.3	80.4 $\pm$ 8.5	23.7 $\pm$ 5.1	–	1.87	2.07	13.20
203	J141827.4–001703	214.6145	–0.2843	0.5	–4.0	117.2 $\pm$ 6.5	116.4 $\pm$ 7.4	80.2 $\pm$ 7.6	15.0 $\pm$ 4.8	–	1.71	2.10	13.16
204	J132909.5+300957	202.2896	30.1658	–0.7	0.0	57.9 $\pm$ 5.5	95.3 $\pm$ 6.1	80.1 $\pm$ 7.1	40.0 $\pm$ 6.6	–	3.61	3.21	13.54
205	J145132.7+024101	222.8866	2.6837	–6.0	4.9	84.5 $\pm$ 7.2	104.4 $\pm$ 8.3	80.2 $\pm$ 8.9	31.1 $\pm$ 7.2	–	2.59	2.65	13.36
206	J140421.7–001217	211.0907	–0.2048	–0.5	0.9	79.3 $\pm$ 7.4	102.6 $\pm$ 8.4	80.2 $\pm$ 8.8	12.9 $\pm$ 4.3	–	1.98	2.42	13.15
207	J005506.5–300027	13.777	–30.0076	–4.2	0.9	96.9 $\pm$ 5.9	121.7 $\pm$ 6.1	80.2 $\pm$ 7.5	33.1 $\pm$ 6.3	–	2.40	2.76	13.37
208	J225744.6–324231	344.4358	–32.7086	–	–	69.4 $\pm$ 5.1	91.9 $\pm$ 5.5	80.1 $\pm$ 6.6	–	–	3.59	2.86	13.56
209	J224920.6–332940	342.3358	–33.4944	–	–	85.6 $\pm$ 6.0	102.6 $\pm$ 6.3	80.1 $\pm$ 7.5	–	–	2.89	2.59	13.45

<sup>a</sup>This source is also in the sample of Negrello et al. (2017).

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