

z-GAL: A NOEMA spectroscopic redshift survey of bright *Herschel* galaxies

I. Overview (Corrigendum)

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The following table replaces Table A.5 with the correct *Herschel* flux densities for three of the sources, namely HeLMS-6, HeLMS-8, and HeLMS-9.

Table 1. Northern galactic plane and equatorial sources with previously available spectroscopic redshift measurements from the HerBS, HeLMS, and HerS catalogues.

Source name		<i>Herschel</i> Coordinates (J2000.0)		Flux density			z_{spec}	
<i>Herschel</i> Name	Other			<i>Herschel</i> $S_{250\mu\text{m}}$	$S_{350\mu\text{m}}$	SCUBA-2 $S_{850\mu\text{m}}$		
(mJy)								
HerBS Sources								
H-ATLAS 134429.5+303034	HerBS-1	13:44:29.5	+30:30:34	461.9±5.8	465.7±6.5	343.3±7.1	90.3±5.3	2.30
H-ATLAS 114637.9-001132	HerBS-2	11:46:37.9	-00:11:32	316.0±6.6	357.9±7.4	291.8±7.7	98.2±5.4	3.26
H-ATLAS 132630.1+334408	HerBS-3	13:26:63.0	+33:44:08	190.5±5.6	281.3±5.9	278.6±7.5	73.8±5.0	2.95
H-ATLAS 083051.0+013225	HerBS-4	08:30:51.0	+01:32:25	248.5±7.5	305.3±8.1	269.1±8.7	98.7±5.4	3.63
H-ATLAS 125632.5+233627	HerBS-5	12:56:32.5	+23:36:27	209.3±5.6	288.5±6.0	264.0±7.0	97.6±5.0	3.56
H-ATLAS 132427.0+284450	HerBS-6	13:24:27.0	+28:44:50	342.3±5.6	371.0±5.9	250.9±6.9	38.1±5.6	1.68
H-ATLAS 132859.2+292327	HerBS-7	13:28:59.2	+29:23:27	268.4±4.4	296.3±4.8	248.9±5.9	77.4±6.5	2.78
H-ATLAS 084933.4+021442	HerBS-8	08:49:33.4	+02:14:42	216.7±7.5	248.5±8.2	208.6±8.6	36.3±5.8	2.41
H-ATLAS 125135.3+261458	HerBS-9	12:51:35.3	+26:14:58	157.9±5.9	202.2±6.0	206.8±6.9	83.5±5.5	3.68
H-ATLAS 113526.2-014606	HerBS-10	11:35:26.2	-01:46:06	278.8±7.4	282.9±8.2	204.0±8.6	73.2±5.3	3.13
H-ATLAS 133008.6+245900	HerBS-12	13:30:08.6	+24:59:00	271.2±5.4	278.2±5.9	203.5±6.9	67.7±6.4	3.11
H-ATLAS 142413.9+022303	HerBS-13	14:24:13.9	+02:23:03	112.2±7.3	182.2±8.2	193.3±8.5	89.7±5.4	4.24
H-ATLAS 141351.9-000026	HerBS-15	14:13:51.9	-00:00:26	188.6±7.4	217.0±8.1	176.4±8.7	44.0±4.9	2.48
H-ATLAS 090311.6+003907	HerBS-19	09:03:11.6	+00:39:07	133.2±7.4	186.1±8.2	165.2±8.8	87.7±6.3	3.04
H-ATLAS 132504.4+311534	HerBS-20	13:25:04.4	+31:15:34	240.6±5.4	226.6±6.0	164.9±7.3	26.2±4.9	1.84
H-ATLAS 133846.5+255055	HerBS-29	13:38:46.5	+25:50:55	159.0±5.8	183.1±6.0	137.6±7.5	36.9±5.8	2.34
H-ATLAS 132301.7+341649	HerBS-30	13:23:01.7	+34:16:49	124.1±5.6	144.5±6.0	137.0±7.2	48.2±4.7	2.19
H-ATLAS 091304.9+005344	HerBS-31	09:13:04.9	+00:53:44	133.9±5.8	164.1±6.0	131.8±7.4	41.5±4.9	2.79
H-ATLAS 091840.8+023048	HerBS-32	09:18:40.8	+02:30:48	125.7±7.2	150.7±8.2	128.4±8.7	32.9±5.7	2.58
H-ATLAS 133543.0+300402	HerBS-35	13:35:43.0	+30:04:02	136.6±5.4	145.7±5.8	125.0±6.9	35.8±4.7	2.68
H-ATLAS 125125.8+254930	HerBS-52	12:51:25.8	+25:49:30	57.4±5.8	96.8±5.9	109.4±7.2	39.4±5.8	3.44
H-ATLAS 091304.9-005344	HerBS-59	09:13:04.9	-00:53:44	118.2±6.4	136.8±7.4	104.3±7.7	42.0±5.4	2.63
H-ATLAS 130118.0+253708	HerBS-64	13:01:18.0	+25:37:08	60.2±4.8	101.1±5.3	101.5±6.4	54.3±4.6	4.04
H-ATLAS 115820.1-013752	HerBS-66	11:58:20.1	-01:37:52	119.8±6.8	123.7±7.7	101.5±7.9	25.8±4.2	2.19
H-ATLAS 113243.0-005108	HerBS-71	11:32:43.0	-00:51:08	67.8±7.3	105.8±8.2	99.8±8.8	<i>10.8±5.1</i>	2.58
H-ATLAS 083344.9+000109	HerBS-88	08:33:44.9	+00:01:09	71.0±7.6	96.0±8.1	95.9±8.8	16.3±5.8	<i>3.10</i>
H-ATLAS 113803.6-011737	HerBS-96	11:38:03.6	-01:17:37	85.1±7.3	98.4±8.2	94.8±8.8	11.3±5.1	<i>3.15</i>
H-ATLAS 113833.3+004909	HerBS-100	11:38:33.3	+00:49:09	96.8±7.3	106.4±8.1	93.4±8.7	6.3±5.9	2.22
HeLMS and HerS Sources								
HERMES J233255.5-031134	HeLMS-2	23:32:55.4	-03:11:34	271±6	336±6	263±8		2.6895
HERMES J004410.2+011821	HeLMS-4	00:44:10.2	+01:18:21	113±7	177±6	209±8		4.1625
HERMES J234051.3-041937	HeLMS-5	23:40:51.3	-04:19:37	151±6	209±6	205±8		3.5027
HERMES J233620.7-060826	HeLMS-6	23:36:20.8	-06:08:28	193±7	252±6	202±8		3.4346
HERMES J232439.4-043934	HeLMS-7	23:24:39.5	-04:39:36	214±7	218±7	172±9		2.4726
HERMES J004714.1+032453	HeLMS-8	00:47:14.2	+03:24:54	312±6	244±7	168±8		2.2919
HERMES J004723.3+015749	HeLMS-9	00:47:23.6	+01:57:51	398±6	320±6	164±8		1.441
HERMES J005258.4+061319	HeLMS-10	00:52:58.6	+06:13:19	88±6	129±6	155±7		4.3726
HERMES J001615.8+032433	HeLMS-13	00:16:15.7	+03:24:35	195±6	221±6	149±7		2.765
HERMES J233255.7-053424	HeLMS-15	23:32:55.7	-05:34:26	148±6	187±6	147±9		2.4022
HERMES J005159.4+062240	HeLMS-18	00:51:59.5	+06:22:41	166±6	195±6	135±7		2.392
HERMES J001626.0+042613	HeLMS-22	00:16:26.0	+04:26:13	117±7	151±6	127±7		2.5093
HERMES J002220.9-015520	HeLMS-29	00:22:20.9	-01:55:24	66±6	102±6	121±7		5.1614
HERS J020941.1+001557	HerS-1	02:09:41.1	+00:15:58	826±7	912±7	718±8		2.5534
HERS J011640.1-000454	HerS-4	01:16:40.1	-00:04:54	137±7	196±7	190±8		3.791 ^a
HERS J010301.2-003300	HerS-6	01:03:01.2	-00:33:01	121±7	147±6	130±8		2.2153

Notes. The source names and *Herschel* flux densities are from Bakx et al. (2018) and Nayyeri et al. (2016). The SCUBA-2 flux densities of the HerBS sources are the revised values from Bakx et al. (2020b). The SCUBA-2 flux densities indicated in italics are classified as non-detections, as discussed in Sect. 3 of Bakx et al. (2018). The sources are listed in order of decreasing $S_{500\mu\text{m}}$ flux density. The references to the spectroscopic redshift measurements are given in Bakx et al. (2018) and Nayyeri et al. (2016); for the HeLMS and HerS sources, the z_{spec} values have been updated for the sources included in Riechers et al. (2021) and Maresca et al. (2022; and references therein); for HerBS-52 and HerBS-64, the spectroscopic redshifts are from Bakx et al. (2020a). Spectroscopic redshifts in italics are derived from a single line detection and are therefore considered tentative. (a) The spectroscopic redshift of HerS-4 was measured with the Large Millimeter Telescope (A. Baker, priv. comm.).

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