Table 1. Properties of Milky Way dwarf galaxies

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
LMC	Nubecula Major	05:23:34.6	-69:45:22.0	MW			Irr
	Large Magellanic Cloud						
	Large Milky Cloud						
SMC	Nubecula Minor	00:52:37.9	-72:48:01.1	LMC			dIrr
	NGC 292						
	Small Magellanic Cloud						
	Small Milky Cloud						
Fornax	ESO 356-G04	02:39:50.0	-34:29:58.9	MW	Shapley (1938a)		dSph
	PGC 10074						
	PGC 10093						
Sculptor	ESO 351-G30	01:00:04.4	-33:43:07.0	MW	Shapley (1938b)		dSph
Leo I	UGC 5470	10:08:27.5	+12:18:21.2	MW	Harrington & Wilson (1950)		dSph
	DDO 74						
	Regulus Dwarf						
Leo II	Leo B	11:13:27.0	+22:09:10.4	MW	Harrington & Wilson (1950)		dSph
	UGC 6253						
	DDO 93						
Draco	UGC 10822	17:20:16.4	+57:55:06.6	MW	Wilson (1955)		dSph
	DDO 208						
Ursa Minor	UGC 9749	15:08:58.1	+67:13:19.6	MW	Wilson (1955)		dSph
	DDO 199						
	PGC 54074						
Carina	ESO 206-G220	06:41:37.6	-50:57:33.5	MW	Cannon et al. (1977)		dSph
Sextans		10:13:03.1	-01:36:47.9	MW	Irwin et al. (1990)		dSph
Sagittarius		18:55:19.5	-30:32:43.4	MW	Ibata et al. (1994)		dSph
Willman 1	SDSS J1049+5103	10:49:22.5	+51:03:00.4	MW	Willman et al. (2005a)		dSph
Ursa Major I		10:35:04.9	+51:56:52.4	MW	Willman et al. (2005b)		dSph

Table 1 *continued on next page*

Table 1 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
Boötes I		14:00:04.8	+14:30:48.6	MW	Belokurov et al. (2006)		dSph
Canes Venatici I		13:28:02.2	+33:33:07.6	MW	Zucker et al. (2006a)		dSph
Canes Venatici II	SDSS J1257+3419	12:57:10.2	+34:19:21.4	MW	Belokurov et al. (2007)		dSph
					Sakamoto & Hasegawa (2006)		
Coma Berenices		12:26:58.9	+23:54:24.8	MW	Belokurov et al. (2007)		dSph
Hercules		16:31:05.3	+12:47:06.7	MW	Belokurov et al. (2007)		dSph
Leo IV		11:32:57.7	-00:32:43.1	MW	Belokurov et al. (2007)		dSph
Segue 1		10:07:00.1	+16:04:32.2	MW	Belokurov et al. (2007)		dSph
Ursa Major II		08:51:29.4	+63:08:00.6	MW	Zucker et al. (2006b)		dSph
					Grillmair (2006)		
Boötes II		13:58:03.4	+12:51:19.1	MW	Walsh et al. (2007)		dSph
Boötes III		13:57:12.0	+26:48:00.0	MW	Grillmair (2009)		dSph
Leo V		11:31:08.6	+02:13:09.8	MW	Belokurov et al. (2008)		dSph
Segue 2		02:19:17.4	+20:09:44.6	MW	Belokurov et al. (2009)		dSph
Pisces II		22:58:32.7	+05:57:20.0	MW	Belokurov et al. (2010)		dSph
Cetus II	DES J0117-1725	01:17:52.8	-17:25:12.0	MW	Drlica-Wagner et al. (2015)		dSph
Columba I	DES J0531-2801	05:31:25.7	-28:02:33.1	MW	Drlica-Wagner et al. (2015)		dSph
Draco II	Laevens 4	15:52:47.6	+64:33:55.0	MW	Laevens et al. (2015a)		dSph/SC
Eridanus II	DES J0344.3-4331	03:44:22.2	-43:31:58.4	MW	Bechtol et al. (2015)		dSph
					Koposov et al. (2015a)		
Grus I		22:56:39.8	-50:10:04.8	MW	Koposov et al. (2015a)		dSph
Grus II	DES J2204-4626	22:04:06.0	-46:26:31.2	MW	Drlica-Wagner et al. (2015)		dSph
Horologium I	DES J0255.4-5406	02:55:30.1	-54:07:02.6	LMC	Bechtol et al. (2015)		dSph
					Koposov et al. (2015a)		
Horologium II		03:16:31.4	-50:00:32.4	MW	Kim & Jerjen (2015a)		
Hydra II		12:21:42.9	-31:58:22.1	MW	Martin et al. (2015)		dSph
Pegasus III		22:24:25.8	+05:24:54.2	MW	Kim et al. (2015a)		dSph
Phoenix II	DES J2339.9-5424	23:39:58.1	-54:24:06.8	LMC	Bechtol et al. (2015)		dSph
					Koposov et al. (2015a)		
Pictor I	DES J0443.8-5017	04:43:47.4	-50:16:59.0	MW	Bechtol et al. (2015)		

Table 1 *continued on next page*

Table 1 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
	Pictoris I				Koposov et al. (2015a)		
Reticulum II	DES J0335.6-5403	03:35:40.9	-54:03:04.7	LMC	Bechtol et al. (2015)		dSph
					Koposov et al. (2015a)		
Reticulum III	DES J0345-6026	03:45:26.4	-60:27:00.0	MW	Drlica-Wagner et al. (2015)		dSph
Triangulum II	Laevens 2	02:13:15.7	+36:10:08.8	MW	Laevens et al. (2015b)		dSph/SC
Tucana II	DES J2251.2-5836	22:51:55.1	-58:34:08.0	MW	Bechtol et al. (2015)		dSph
					Koposov et al. (2015a)		
Tucana III	DES J2356-5935	23:56:25.8	-59:35:00.0	MW	Drlica-Wagner et al. (2015)		dSph/SC
Tucana IV	DES J0002-6051	00:02:52.1	-60:49:48.0	MW	Drlica-Wagner et al. (2015)		dSph
Tucana V	DES J2337-6316	23:37:23.3	-63:15:57.6	MW	Drlica-Wagner et al. (2015)		dSph
Aquarius II		22:33:55.5	-09:19:38.6	MW	Torrealba et al. (2016b)		dSph
Crater II		11:49:14.4	-18:24:46.8	MW	Torrealba et al. (2016a)		dSph
Pictor II		06:44:43.2	-59:53:49.2	MW	Drlica-Wagner et al. (2016)		
Virgo I	HSC J1200-0040	12:00:09.1	-00:40:51.6	MW	Homma et al. (2016)		dSph
Carina II		07:36:25.6	-57:59:56.8	LMC	Torrealba et al. (2018)		dSph
Carina III		07:38:31.2	-57:53:58.9	LMC	Torrealba et al. (2018)		dSph
Cetus III	HSC J0209-0416	02:05:19.4	-04:16:12.0	MW	Homma et al. (2018)	Cand.	
Hydrus I		02:29:33.4	-79:18:32.0	LMC	Koposov et al. (2018)		dSph
Antlia II		09:35:13.9	-36:41:56.8	MW	Torrealba et al. (2019b)		dSph
Boötes IV	HSC J1534+4343	15:34:45.4	+43:43:33.6	MW	Homma et al. (2019)		
Centaurus I		12:38:20.4	-40:54:07.2	MW	Mau et al. (2020)		dSph
Eridanus IV		05:05:45.1	-09:30:54.0	MW	Cerny et al. (2021a)		dSph
Boötes V	DELVE J1415+3254	14:15:38.2	+32:54:50.4	MW	Smith et al. (2023)		dSph/SC
					Cerny et al. (2023a)		
Leo Minor I	DELVE J1057+2852	10:57:02.6	+28:52:30.0	MW	Cerny et al. (2023a)		
Pegasus IV		21:54:09.4	+26:37:12.0	MW	Cerny et al. (2023b)		dSph
Virgo II	DELVE J1500+0554	15:00:14.2	+05:54:32.4	MW	Cerny et al. (2023a)		dSph/SC
Sextans II	KiDS-UFD-1	10:25:44.9	-00:37:51.6	MW	Homma et al. (2023)		
					Gatto et al. (2024)		
Ursa Major III	UNIONS 1	11:38:49.8	+31:04:42.0	MW	Smith et al. (2024)		dSph/SC

Table 1 *continued on next page*

Table 1 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
Virgo III		12:25:23.5	+04:26:27.6	MW	Homma et al. (2023)	Cand.	

NOTE—Satellites are ordered by discovery year. Column description: `RA` and `Dec`—IRCS, J2000; `Candidate`—Satellites labeled candidate do not have deeper photometry, spectroscopic follow-up, or a *Gaia* proper motion signal and may be false-positives; `Type`—Classification of object. This includes dwarf galaxy/star cluster and morphological type for galaxies. The dwarf galaxy/star cluster classification is based on the Willman & Strader (2012) definition. This includes a resolved velocity dispersion, metallicity dispersion, or size clearly larger than a star cluster.

Table 2. Properties of Milky Way dwarf galaxies

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
Antlia II	143.8079	-36.6991	104.60 ± 8.60	0.60 ± 0.04	156.0 ± 2.4	$2404.6^{+255.3}_{-256.4}$	20.47 ± 0.09	$124.2^{+5.3}_{-5.0}$	10.7	-9.7 ± 0.1	a,b
Aquarius II	338.4813	-9.3274	5.10 ± 0.80	0.39 ± 0.09	121.0 ± 9.0	$124.6^{+21.8}_{-22.0}$	20.16 ± 0.07	$107.6^{+3.5}_{-3.4}$	15.8	-4.4 ± 0.1	c
Boötes I	210.0200	14.5135	9.97 ± 0.27	0.30 ± 0.03	6.0 ± 3.0	$161.0^{+8.2}_{-7.9}$	19.11 ± 0.08	$66.4^{+2.5}_{-2.4}$	13.1	-6.0 ± 0.2	d,e
Boötes II	209.5141	12.8553	3.17 ± 0.42	0.25 ± 0.11	-68.0 ± 27.0	$32.7^{+5.3}_{-4.6}$	18.10 ± 0.06	$41.7^{+1.2}_{-1.1}$	15.2	-2.9 ± 0.2	e,f
Boötes III	209.3000	26.8000	$40.60^{+4.20}_{-3.80}$	$0.33^{+0.08}_{-0.09}$	$279.0^{+7.0}_{-9.0}$	$446.7^{+57.0}_{-51.0}$	18.34 ± 0.02	46.6 ± 0.4	12.6	-5.7 ± 0.5	g,h,i
Boötes IV	233.6890	43.7260	7.60 ± 0.80	0.64 ± 0.05	3.0 ± 4.0	$276.0^{+43.8}_{-42.7}$	21.60 ± 0.20	$208.9^{+20.2}_{-18.4}$	16.3	$-5.3^{+0.3}_{-0.2}$	j,k
Boötes V	213.9090	32.9140	$0.76^{+0.08}_{-0.07}$	0.20 ± 0.10	$18.0^{+15.0}_{-13.0}$	$20.0^{+2.8}_{-2.6}$	20.04 ± 0.15	$101.9^{+7.3}_{-6.8}$	16.8	-3.2 ± 0.3	l
Canes Venatici I	202.0091	33.5521	7.12 ± 0.21	0.44 ± 0.03	80.0 ± 2.0	$326.8^{+16.5}_{-15.2}$	21.62 ± 0.06	$210.9^{+5.9}_{-5.7}$	12.9	-8.7 ± 0.1	m,e
Canes Venatici II	194.2927	34.3226	1.52 ± 0.24	0.40 ± 0.13	9.0 ± 15.0	$54.2^{+10.7}_{-10.4}$	21.02 ± 0.06	$160.0^{+4.5}_{-4.4}$	15.8	-5.2 ± 0.3	n,e
Carina	100.4065	-50.9593	10.10 ± 0.10	0.36 ± 0.01	60.0 ± 1.0	$248.7^{+13.7}_{-13.4}$	20.12 ± 0.11	$105.6^{+5.5}_{-5.3}$	10.7	-9.4 ± 0.1	o,e
Carina II	114.1066	-57.9991	8.69 ± 0.75	0.34 ± 0.07	170.0 ± 9.0	$76.2^{+8.8}_{-7.8}$	17.86 ± 0.02	37.4 ± 0.4	13.3	-4.6 ± 0.1	p
Carina III	114.6298	-57.8997	3.75 ± 1.00	0.55 ± 0.18	150.0 ± 14.0	$19.5^{+7.0}_{-6.7}$	17.22 ± 0.10	27.8 ± 1.3	14.8	-2.4 ± 0.2	p
Centaurus I	189.5850	-40.9020	$2.90^{+0.50}_{-0.40}$	0.40 ± 0.10	20.0 ± 11.0	$76.6^{+12.8}_{-13.4}$	20.35 ± 0.07	$117.7^{+3.9}_{-3.7}$	14.8	-5.6 ± 0.1	q,r
Cetus II	19.4700	-17.4200	$1.90^{+1.00}_{-0.50}$	< 0.40		$16.1^{+6.8}_{-6.6}$	17.38 ± 0.19	$29.9^{+2.7}_{-2.5}$	17.4	0.0 ± 0.7	s
Cetus III	31.3310	-4.2700	$1.23^{+0.42}_{-0.19}$	$0.76^{+0.06}_{-0.08}$	$101.0^{+5.0}_{-6.0}$	$42.4^{+14.0}_{-12.1}$	22.00 ± 0.20	$251.2^{+24.2}_{-22.1}$	18.6	$-3.4^{+0.5}_{-0.4}$	t,k
Columba I	82.8570	-28.0425	2.20 ± 0.20	0.30 ± 0.10	24.0 ± 9.0	$96.9^{+12.2}_{-12.1}$	21.31 ± 0.11	$182.8^{+9.5}_{-9.0}$	17.1	-4.2 ± 0.2	u
Coma Berenices	186.7454	23.9069	5.64 ± 0.30	0.37 ± 0.05	-57.0 ± 4.0	54.8 ± 4.2	18.13 ± 0.08	$42.3^{+1.6}_{-1.5}$	13.8	-4.3 ± 0.2	e,v
Crater II	177.3100	-18.4130	31.20 ± 2.50	< 0.10		$1058.4^{+89.0}_{-87.8}$	20.33 ± 0.07	$116.6^{+3.8}_{-3.7}$	12.2	-8.2 ± 0.1	w
Draco	260.0684	57.9185	9.67 ± 0.09	0.29 ± 0.01	87.0 ± 1.0	$193.2^{+4.3}_{-4.2}$	19.56 ± 0.04	81.5 ± 1.5	10.7	-8.9 ± 0.1	x,e
Draco II	238.1983	64.5653	$3.00^{+0.70}_{-0.50}$	0.23 ± 0.15	$76.0^{+22.0}_{-32.0}$	$16.1^{+3.6}_{-3.4}$	16.67 ± 0.05	21.6 ± 0.5	15.9	$-0.8^{+0.4}_{-1.0}$	y
Eridanus II	56.0925	-43.5329	2.31 ± 0.12	0.48 ± 0.04	72.6 ± 3.3	$177.8^{+12.9}_{-10.8}$	22.84 ± 0.05	$369.8^{+8.6}_{-8.4}$	15.7	-7.1 ± 0.3	z,aa
Eridanus IV	76.4380	-9.5150	$4.90^{+1.10}_{-0.80}$	$0.54^{+0.10}_{-0.14}$	$65.0^{+9.0}_{-8.0}$	$71.6^{+18.8}_{-17.5}$	$19.42^{+0.01}_{-0.08}$	$76.6^{+0.4}_{-2.8}$	14.7	-4.7 ± 0.2	ab
Fornax	39.9583	-34.4997	19.90 ± 0.06	0.29 ± 0.00	42.7 ± 0.3	$694.7^{+15.1}_{-15.2}$	20.77 ± 0.05	$142.6^{+3.2}_{-3.1}$	7.4	-13.4 ± 0.2	e,ac,ad
Grus I	344.1660	-50.1680	$4.16^{+0.54}_{-0.74}$	$0.44^{+0.08}_{-0.10}$	$153.0^{+8.0}_{-7.0}$	$112.5^{+23.5}_{-18.7}$	20.51 ± 0.10	$126.5^{+6.0}_{-5.7}$	16.4	-4.1 ± 0.3	ae,af
Grus II	331.0250	-46.4420	5.90 ± 0.50	< 0.21		$94.3^{+9.7}_{-8.1}$	18.71 ± 0.10	$55.2^{+2.6}_{-2.5}$	15.2	-3.5 ± 0.3	af,ag
Hercules	247.7722	12.7852	5.63 ± 0.46	0.69 ± 0.03	-73.0 ± 2.0	$119.0^{+13.4}_{-13.0}$	20.58 ± 0.10	$130.6^{+6.2}_{-5.9}$	14.8	-5.8 ± 0.2	e,ah
Horologium I	43.8755	-54.1174	1.61 ± 0.13	0.27 ± 0.05	44.0 ± 6.0	$31.7^{+3.0}_{-3.3}$	19.50 ± 0.10	$79.4^{+3.7}_{-3.6}$	16.1	-3.4 ± 0.1	ai,aj

Table 2 *continued on next page*

Table 2 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
Horologium II	49.1310	-50.0090	$1.69^{+0.18}_{-0.17}$	$0.23^{+0.07}_{-0.08}$	$103.0^{+11.0}_{-14.0}$	$33.4^{+5.4}_{-4.5}$	19.46 ± 0.20	$78.0^{+7.5}_{-6.9}$	17.4	-2.1 ± 0.1	ak,aj
Hydra II	185.4286	-31.9728	1.52 ± 0.28	0.24 ± 0.16	16.0 ± 25.0	$56.1^{+13.2}_{-11.5}$	20.90 ± 0.11	$151.4^{+7.9}_{-7.5}$	15.8	$-5.1^{+0.1}_{-0.2}$	e,aj,al
Hydrus I	37.3890	-79.3089	$7.42^{+0.62}_{-0.54}$	$0.21^{+0.15}_{-0.07}$	97.0 ± 14.0	$52.2^{+5.3}_{-5.4}$	17.20 ± 0.04	27.5 ± 0.5	12.5	-4.7 ± 0.1	am
Leo I	152.1146	12.3059	3.65 ± 0.03	0.30 ± 0.10	78.0 ± 1.0	$229.3^{+19.3}_{-19.0}$	22.06 ± 0.08	$258.2^{+9.7}_{-9.3}$	10.2	-11.8 ± 0.3	e,an
Leo II	168.3627	22.1529	2.52 ± 0.03	0.07 ± 0.01	38.0 ± 8.0	$164.9^{+10.3}_{-9.7}$	21.84 ± 0.13	$233.3^{+14.4}_{-13.6}$	12.1	-9.7 ± 0.0	ao,e
Leo IV	173.2405	-0.5453	2.54 ± 0.27	0.17 ± 0.09	-28.0 ± 38.0	$100.6^{+13.2}_{-11.3}$	20.90 ± 0.06	$151.4^{+4.2}_{-4.1}$	15.9	-4.9 ± 0.3	ap,e
Leo V	172.7857	2.2194	1.00 ± 0.32	0.43 ± 0.22	-71.0 ± 26.0	$35.4^{+15.7}_{-12.5}$	21.14 ± 0.06	$169.0^{+4.7}_{-4.6}$	16.7	-4.4 ± 0.4	ap,e
Leo Minor I	164.2610	28.8750	$1.09^{+0.37}_{-0.35}$	< 0.40		$25.9^{+8.7}_{-8.5}$	$19.56^{+0.11}_{-0.19}$	$81.7^{+4.2}_{-6.8}$	17.2	$-2.4^{+0.5}_{-0.4}$	l
LMC	80.8940	-69.7561	192.90 ± 0.20	0.16 ± 0.00	227.2 ± 0.2	$2546.3^{+28.1}_{-28.2}$	18.48 ± 0.02	$49.6^{+0.6}_{-0.5}$	0.4	-18.1 ± 0.1	aq,ar,as
Pegasus III	336.1074	5.4150	$1.67^{+0.26}_{-0.21}$	$0.37^{+0.08}_{-0.09}$	$83.0^{+8.0}_{-7.0}$	$82.5^{+15.1}_{-13.3}$	21.66 ± 0.12	$214.8^{+12.2}_{-11.5}$	17.5	-4.2 ± 0.2	at,au
Pegasus IV	328.5390	26.6200	$1.60^{+0.29}_{-0.25}$	< 0.41	$115.0^{+27.0}_{-41.0}$	$41.6^{+7.2}_{-6.9}$	19.77 ± 0.03	$89.9^{+1.3}_{-1.2}$	15.5	-4.2 ± 0.2	av
Phoenix II	354.9919	-54.4019	$1.50^{+0.20}_{-0.17}$	0.44 ± 0.06	-33.0 ± 5.0	$26.9^{+4.5}_{-4.2}$	19.60 ± 0.20	$83.2^{+8.0}_{-7.3}$	17.0	-2.6 ± 0.1	aw,aj
Pictor I	70.9475	-50.2831	1.29 ± 0.15	$0.44^{+0.07}_{-0.09}$	55.0 ± 6.0	$31.9^{+4.7}_{-4.5}$	20.30 ± 0.10	$114.8^{+5.4}_{-5.2}$	17.2	-3.1 ± 0.3	ai,i
Pictor II	101.1800	-59.8970	$3.80^{+1.50}_{-1.00}$	$0.13^{+0.22}_{-0.13}$	$14.0^{+60.0}_{-66.0}$	$44.8^{+15.8}_{-15.1}$	$18.30^{+0.12}_{-0.15}$	$45.7^{+2.6}_{-3.1}$	15.1	$-3.2^{+0.4}_{-0.5}$	ax
Pisces II	344.6365	5.9555	$1.34^{+0.08}_{-0.07}$	$0.37^{+0.04}_{-0.03}$	98.0 ± 3.0	$56.2^{+6.0}_{-5.6}$	21.31 ± 0.17	$182.8^{+14.9}_{-13.8}$	17.0	-4.3 ± 0.2	au,ay
Reticulum II	53.9203	-54.0513	6.30 ± 0.40	0.60 ± 0.10	68.0 ± 2.0	$36.1^{+5.5}_{-5.2}$	17.50 ± 0.10	$31.6^{+1.5}_{-1.4}$	14.4	-3.1 ± 0.1	aw
Reticulum III	56.3600	-60.4500	$2.40^{+0.90}_{-0.80}$	< 0.40		$64.2^{+24.1}_{-23.4}$	19.81 ± 0.31	$91.6^{+14.1}_{-12.2}$	16.5	-3.3 ± 0.3	s
Sagittarius	283.8313	-30.5454	342.00 ± 12.00	0.64 ± 0.02	102.0 ± 2.0	$1568.2^{+132.9}_{-129.4}$	17.10 ± 0.15	$26.3^{+1.9}_{-1.8}$	3.6	-13.5 ± 0.3	az
Sculptor	15.0183	-33.7186	11.17 ± 0.05	0.33 ± 0.01	92.0 ± 1.0	$223.2^{+4.5}_{-4.8}$	19.62 ± 0.04	$83.9^{+1.6}_{-1.5}$	8.8	-10.8 ± 0.1	ba,e
Segue 1	151.7504	16.0756	3.62 ± 0.42	0.33 ± 0.10	77.0 ± 15.0	$19.6^{+3.2}_{-3.0}$	16.80 ± 0.20	$22.9^{+2.2}_{-2.0}$	15.5	-1.3 ± 0.7	bb,e
Segue 2	34.8226	20.1624	3.76 ± 0.28	0.22 ± 0.07	164.0 ± 14.0	$35.3^{+4.2}_{-3.8}$	$17.81^{+0.14}_{-0.15}$	36.5 ± 2.4	15.9	-1.9 ± 0.9	bc,e
Sextans	153.2628	-1.6133	16.50 ± 0.10	0.30 ± 0.01	57.0 ± 1.0	$345.1^{+15.5}_{-16.5}$	19.67 ± 0.10	$85.9^{+4.0}_{-3.9}$	10.9	-8.7 ± 0.1	bd,e
Sextans II	156.4370	-0.6310	4.20 ± 0.50	$0.43^{+0.07}_{-0.08}$	-17.0 ± 9.0	$114.8^{+20.3}_{-17.8}$	20.50 ± 0.20	$125.9^{+12.1}_{-11.1}$	16.6	-3.9 ± 0.4	k
SMC	13.1580	-72.8003	59.40 ± 4.10			$1074.3^{+93.8}_{-78.0}$	18.99 ± 0.10	$62.8^{+3.0}_{-2.8}$	2.2	-16.8 ± 0.2	be,e,as
Triangulum II	33.3155	36.1691	2.50 ± 0.30	0.30 ± 0.10	73.0 ± 17.0	$17.3^{+2.6}_{-2.4}$	17.27 ± 0.11	$28.4^{+1.5}_{-1.4}$	16.0	-1.3 ± 0.2	u,aj
Tucana II	342.9796	-58.5689	$12.89^{+1.71}_{-1.98}$	$0.39^{+0.10}_{-0.20}$	107.0 ± 18.0	$160.4^{+38.3}_{-31.0}$	18.75 ± 0.20	$56.2^{+5.4}_{-4.9}$	15.0	-3.8 ± 0.1	ai,bf
Tucana III	359.1075	-59.5833	5.10 ± 1.20	0.20 ± 0.10	25.0 ± 38.0	$30.3^{+8.0}_{-7.4}$	16.80 ± 0.10	$22.9^{+1.1}_{-1.0}$	15.5	-1.3 ± 0.2	aw
Tucana IV	0.7170	-60.8300	$9.30^{+1.40}_{-0.90}$	$0.39^{+0.07}_{-0.10}$	$27.0^{+9.0}_{-8.0}$	$98.6^{+16.5}_{-15.1}$	18.36 ± 0.18	$47.0^{+4.1}_{-3.7}$	15.4	$-3.0^{+0.3}_{-0.4}$	ag
Tucana V	354.3470	-63.2660	$2.10^{+0.60}_{-0.40}$	$0.51^{+0.09}_{-0.18}$	29.0 ± 11.0	$23.3^{+6.7}_{-7.0}$	18.70 ± 0.21	$55.0^{+5.6}_{-5.1}$	17.6	$-1.1^{+0.5}_{-0.6}$	ag
Ursa Major I	158.7706	51.9479	8.31 ± 0.35	0.59 ± 0.03	67.0 ± 2.0	$150.2^{+12.2}_{-11.3}$	19.94 ± 0.13	$97.3^{+6.0}_{-5.7}$	14.8	-5.1 ± 0.4	bg,e

Table 2 *continued on next page*

Table 2 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
Ursa Major II	132.8726	63.1335	13.80 ± 0.50	0.56 ± 0.03	-76.0 ± 2.0	$92.5^{+7.3}_{-7.4}$	17.70 ± 0.13	$34.7^{+2.1}_{-2.0}$	13.3	-4.4 ± 0.3	bh,e
Ursa Major III	174.7075	31.0783	$0.90^{+0.40}_{-0.30}$	$0.50^{+0.20}_{-0.30}$	$169.0^{+18.0}_{-12.0}$	$1.7^{+0.9}_{-0.8}$	15.00 ± 0.20	$10.0^{+1.0}_{-0.9}$	17.2	$2.2^{+0.4}_{-0.3}$	bi
Ursa Minor	227.2420	67.2221	18.30 ± 0.11	0.55 ± 0.01	50.0 ± 1.0	$235.9^{+3.1}_{-2.9}$	19.10	66.1	10.4	-8.7 ± 0.1	e,bj
Virgo I	180.0380	-0.6810	$1.76^{+0.49}_{-0.40}$	$0.59^{+0.12}_{-0.14}$	$62.0^{+8.0}_{-13.0}$	$28.1^{+9.6}_{-8.8}$	19.80 ± 0.20	$91.2^{+8.8}_{-8.0}$	18.9	-0.9 ± 0.7	t,k
Virgo II	225.0590	5.9090	$0.74^{+0.13}_{-0.11}$	< 0.30		$15.5^{+3.2}_{-2.8}$	19.30 ± 0.22	$72.4^{+7.7}_{-7.0}$	17.7	$-1.6^{+0.4}_{-0.6}$	l
Virgo III	186.3480	4.4410	1.00 ± 0.20	$0.29^{+0.15}_{-0.19}$	$-24.0^{+21.0}_{-26.0}$	$35.9^{+9.4}_{-9.1}$	20.90 ± 0.20	$151.4^{+14.6}_{-13.3}$	18.2	$-2.7^{+0.5}_{-0.6}$	k
Willman 1	162.3436	51.0501	2.51 ± 0.22	0.47 ± 0.06	73.0 ± 4.0	$19.9^{+4.5}_{-4.3}$	17.90 ± 0.40	$38.0^{+7.7}_{-6.4}$	15.4	-2.5 ± 0.7	e,bk

NOTE—Column descriptions: `RA` and `Dec`—IRCS, J2000; r_h—Major axis of 2D projected half-light radius; ϵ—ellipticity $(1-b/a)$; θ—position angle defined north to east; $r_{1/2}$—spherically averaged half-light radius ($r_{1/2} = R_h\sqrt{1-\epsilon}$); $(m-M)_0$—distance modulus; d—distance to satellite; V—V-band magnitude; M_V—absolute V-band magnitude, the distance errors are not included. Citations: (a) Ji et al. (2021) (b) Vivas et al. (2022) (c) Torrealba et al. (2016b) (d) Dall'Ora et al. (2006) (e) Muñoz et al. (2018) (f) Walsh et al. (2008) (g) Carlin & Sand (2018) (h) Correnti et al. (2009) (i) Moskowitz & Walker (2020) (j) Homma et al. (2019) (k) Homma et al. (2023) (l) Cerny et al. (2023a) (m) Kuehn et al. (2008) (n) Greco et al. (2008) (o) Karczmarek et al. (2015) (p) Torrealba et al. (2018) (q) Martínez-Vázquez et al. (2021a) (r) Mau et al. (2020) (s) Drlica-Wagner et al. (2015) (t) Homma et al. (2018) (u) Carlin et al. (2017) (v) Musella et al. (2009) (w) Torrealba et al. (2016a) (x) Bhardwaj et al. (2024) (y) Longeard et al. (2018) (z) Crnojević et al. (2016a) (aa) Martínez-Vázquez et al. (2021b) (ab) Cerny et al. (2021a) (ac) Oakes et al. (2022) (ad) Wang et al. (2019a) (ae) Cantu et al. (2021) (af) Martínez-Vázquez et al. (2019) (ag) Simon et al. (2020) (ah) Mutlu-Pakdil et al. (2020) (ai) Koposov et al. (2015a) (aj) Richstein et al. (2024) (ak) Kim & Jerjen (2015a) (al) Vivas et al. (2016) (am) Koposov et al. (2018) (an) Stetson et al. (2014) (ao) Bellazzini et al. (2005) (ap) Medina et al. (2018) (aq) Choi et al. (2018) (ar) Pietrzyński et al. (2019) (as) de Vaucouleurs et al. (1991) (at) Kim et al. (2016b) (au) Richstein et al. (2022) (av) Cerny et al. (2023b) (aw) Mutlu-Pakdil et al. (2018) (ax) Drlica-Wagner et al. (2016) (ay) Sand et al. (2012) (az) McConnachie (2012) (ba) Martínez-Vázquez et al. (2015) (bb) Belokurov et al. (2007) (bc) Boettcher et al. (2013) (bd) Lee et al. (2009) (be) Cioni et al. (2000) (bf) Vivas et al. (2020) (bg) Garofalo et al. (2013) (bh) Dall'Ora et al. (2012) (bi) Smith et al. (2024) (bj) Nemec et al. (1988) (bk) Willman et al. (2006)

Table 3. Properties of Milky Way dwarf galaxies

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
Antlia II	264.8009	11.2543	288.8 ± 0.4	$5.98^{+0.37}_{-0.36}$	-1.90 ± 0.04	0.34 ± 0.03	-0.093 ± 0.008	0.100 ± 0.009	a,b
Aquarius II	55.1082	-53.0085	-65.3 ± 1.8	$4.70^{+1.80}_{-1.20}$	-2.57 ± 0.17	$0.36^{+0.20}_{-0.14}$	$-0.179^{+0.119}_{-0.113}$	$-0.466^{+0.096}_{-0.095}$	c,b
Boötes I	358.1019	69.6366	101.8 ± 0.7	$4.60^{+0.80}_{-0.60}$	$-2.35^{+0.09}_{-0.08}$	$0.44^{+0.07}_{-0.06}$	-0.385 ± 0.017	-1.068 ± 0.013	d,b,e
Boötes II	353.7314	68.8649	$-130.4^{+1.4}_{-1.1}$	$2.90^{+1.60}_{-1.20}$	$-2.71^{+0.11}_{-0.10}$	< 0.37	$-2.426^{+0.080}_{-0.077}$	-0.414 ± 0.061	c,b
Boötes III	35.4052	75.3535	197.5 ± 3.6	10.70 ± 3.50	-2.10 ± 0.20	0.55 ± 0.19	-1.176 ± 0.019	-0.890 ± 0.015	f,b
Boötes IV	70.6823	53.3050					$0.469^{+0.180}_{-0.244}$	$0.489^{+0.256}_{-0.255}$	b
Boötes V	55.6680	70.9177	5.1 ± 13.4		-2.85 ± 0.10		-0.220 ± 0.050	-0.280 ± 0.070	g,h
Canes Venatici I	74.3043	79.8288	30.9 ± 0.6	7.60 ± 0.40	-1.91 ± 0.04	$0.39^{+0.03}_{-0.02}$	$-0.096^{+0.030}_{-0.031}$	-0.116 ± 0.020	b,i,e
Canes Venatici II	113.5744	82.7012	-128.9 ± 1.2	4.60 ± 0.80	$-2.35^{+0.16}_{-0.19}$	$0.57^{+0.15}_{-0.12}$	$-0.124^{+0.117}_{-0.115}$	$-0.254^{+0.082}_{-0.080}$	b,i,e
Carina	260.1060	-22.2194	222.9 ± 0.1	6.60 ± 1.20	-1.80 ± 0.02	0.24	$0.532^{+0.007}_{-0.006}$	0.127 ± 0.006	b,e,j
Carina II	269.9816	-17.1398	477.2 ± 1.2	$3.40^{+1.20}_{-0.80}$	-2.44 ± 0.09	$0.22^{+0.10}_{-0.07}$	$1.885^{+0.018}_{-0.019}$	0.133 ± 0.019	k,b
Carina III	270.0060	-16.8458	$284.6^{+3.4}_{-3.1}$	$5.60^{+4.30}_{-2.10}$			$3.095^{+0.040}_{-0.041}$	1.395 ± 0.045	k,b
Centaurus I	300.2649	21.9019	44.8 ± 0.8	$4.20^{+0.60}_{-0.50}$	-2.57 ± 0.08	$0.38^{+0.07}_{-0.05}$	-0.140 ± 0.050	-0.190 ± 0.040	l
Cetus II	156.4655	-78.5313					$2.844^{+0.061}_{-0.059}$	$0.474^{+0.064}_{-0.063}$	b
Cetus III	163.8102	-61.1333							
Columba I	231.6333	-28.8855	153.7 ± 4.9	< 6.70	$-2.37^{+0.35}_{-0.34}$	$0.71^{+0.49}_{-0.24}$	$0.169^{+0.071}_{-0.073}$	-0.400 ± 0.079	m,b
Coma Berenices	241.8639	83.6123	98.1 ± 0.9	4.60 ± 0.80	-2.43 ± 0.11	$0.46^{+0.09}_{-0.08}$	$0.423^{+0.026}_{-0.027}$	-1.721 ± 0.024	b,i,e
Crater II	282.9084	42.0276	89.3 ± 0.3	$2.34^{+0.42}_{-0.30}$	-2.16 ± 0.04	0.24 ± 0.05	-0.072 ± 0.020	-0.112 ± 0.013	a,b
Draco	86.3711	34.7126	-290.7 ± 0.8	9.10 ± 1.20	-2.00 ± 0.02	0.34 ± 0.02	$0.044^{+0.005}_{-0.006}$	-0.188 ± 0.006	b,e,n
Draco II	98.2942	42.8800	$-342.5^{+1.1}_{-1.2}$	< 5.90	-2.70 ± 0.10		$1.027^{+0.067}_{-0.065}$	0.887 ± 0.072	o,b
Eridanus II	249.7802	-51.6431	75.6 ± 1.3	$6.90^{+1.20}_{-0.90}$	-2.38 ± 0.13	$0.47^{+0.12}_{-0.90}$	$0.125^{+0.101}_{-0.100}$	$0.013^{+0.123}_{-0.127}$	p,b
Eridanus IV	209.4987	-27.7715	$-31.5^{+1.3}_{-1.2}$	$6.10^{+1.20}_{-0.90}$	$-2.87^{+0.08}_{-0.07}$	0.20 ± 0.09	0.250 ± 0.060	-0.100 ± 0.050	q,l
Fornax	237.2382	-65.6741	55.2 ± 0.1	12.10 ± 0.20	$-1.07^{+0.02}_{-0.01}$	0.27 ± 0.01	0.381 ± 0.001	-0.359 ± 0.002	b,e,j
Grus I	338.6794	-58.2366	-143.5 ± 1.2	$2.50^{+1.30}_{-0.80}$	-2.62 ± 0.11	< 0.44	$0.069^{+0.051}_{-0.050}$	$-0.248^{+0.071}_{-0.072}$	r,b
Grus II	351.1386	-51.9414	-110.0 ± 0.5	< 2.00	-2.51 ± 0.11	< 0.45	0.384 ± 0.033	$-1.484^{+0.039}_{-0.040}$	b,s
Hercules	28.7277	36.8563	45.0 ± 1.1	5.10 ± 0.90	$-2.47^{+0.13}_{-0.12}$	$0.47^{+0.11}_{-0.08}$	-0.035 ± 0.042	$-0.339^{+0.035}_{-0.036}$	b,i,e
Horologium I	271.3897	-54.7369	$112.8^{+2.5}_{-2.6}$	$4.90^{+2.80}_{-0.90}$	-2.76 ± 0.10	$0.17^{+0.20}_{-0.03}$	$0.847^{+0.034}_{-0.035}$	-0.607 ± 0.035	t,b

Table 3 *continued on next page*

Table 3 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
Horologium II	262.4593	-54.1430					$0.967^{+0.173}_{-0.171}$	$-0.771^{+0.220}_{-0.230}$	b
Hydra II	295.6184	30.4765	303.1 ± 1.4	< 4.50	-2.02 ± 0.08	$0.40^{+0.48}_{-0.26}$	-0.394 ± 0.140	$0.000^{+0.103}_{-0.104}$	u,b
Hydrus I	297.4163	-36.7463	80.4 ± 0.6	$2.70^{+0.51}_{-0.43}$	-2.52 ± 0.09	0.41 ± 0.08	3.781 ± 0.016	-1.496 ± 0.015	v,b
Leo I	225.9847	49.1100	282.9 ± 0.5	9.20 ± 0.40	$-1.48^{+0.02}_{-0.01}$	0.26 ± 0.01	-0.050 ± 0.014	-0.120 ± 0.010	w,b,e
Leo II	220.1608	67.2252	78.5 ± 0.6	7.40 ± 0.40	$-1.68^{+0.02}_{-0.03}$	0.34 ± 0.02	-0.109 ± 0.028	-0.150 ± 0.026	b,e,x
Leo IV	265.4577	56.5060	$131.6^{+1.0}_{-1.2}$	$3.40^{+1.30}_{-0.90}$	$-2.48^{+0.16}_{-0.13}$	$0.42^{+0.12}_{-0.10}$	-0.192 ± 0.051	-0.069 ± 0.052	y,z
Leo V	261.8564	58.5344	$173.1^{+1.0}_{-0.8}$	< 4.70	$-2.29^{+0.14}_{-0.17}$	$0.30^{+0.14}_{-0.09}$	0.119 ± 0.194	-0.118 ± 0.170	y,z
Leo Minor I	202.2324	64.7496					$-0.010^{+0.390}_{-0.400}$	$-1.290^{+0.370}_{-0.400}$	g
LMC	280.4652	-32.8885	262.2 ± 3.4	20.20 ± 0.50			1.910 ± 0.020	0.229 ± 0.047	aa,ab
Pegasus III	69.8599	-41.8262	-222.9 ± 2.6	$5.40^{+3.00}_{-2.50}$	-2.55 ± 0.15		-0.030 ± 0.210	$-0.580^{+0.213}_{-0.208}$	ac,b
Pegasus IV	80.7972	-21.4031	$-273.6^{+1.6}_{-1.5}$	$3.30^{+1.70}_{-1.10}$	$-2.67^{+0.25}_{-0.29}$	$0.46^{+0.29}_{-0.17}$	0.330 ± 0.070	-0.210 ± 0.080	ad
Phoenix II	323.6963	-59.7506	32.4 ± 3.8	< 21.20	$-2.51^{+0.19}_{-0.17}$	$0.33^{+0.29}_{-0.16}$	$0.507^{+0.047}_{-0.048}$	$-1.199^{+0.058}_{-0.057}$	m,b
Pictor I	257.2990	-40.6450					$0.153^{+0.086}_{-0.088}$	$0.096^{+0.118}_{-0.114}$	b
Pictor II	269.6330	-24.0520					1.150 ± 0.060	$1.140^{+0.060}_{-0.050}$	ae
Pisces II	79.2175	-47.1079	-226.5 ± 2.7	$5.40^{+3.60}_{-2.40}$	-2.45 ± 0.07	$0.48^{+0.70}_{-0.29}$	$0.681^{+0.309}_{-0.307}$	$-0.645^{+0.215}_{-0.209}$	u,b
Reticulum II	266.3007	-49.7376	64.3 ± 1.2	$3.60^{+1.00}_{-0.70}$	-2.65 ± 0.07	0.28 ± 0.09	$2.377^{+0.023}_{-0.024}$	$-1.379^{+0.026}_{-0.025}$	b,af,ag
Reticulum III	273.8782	-45.6478	274.2 ± 7.5	< 8.30	-2.81 ± 0.29	$0.35^{+0.21}_{-0.09}$	$0.260^{+0.140}_{-0.144}$	$-0.502^{+0.222}_{-0.226}$	m,b
Sagittarius	5.5688	-14.1665	140.0 ± 2.0	11.40 ± 0.70	$-0.53^{+0.03}_{-0.02}$	0.17 ± 0.02	-2.692 ± 0.001	-1.359 ± 0.001	ah,ai,e
Sculptor	287.6961	-83.1524	111.4 ± 0.1	9.20 ± 1.10	$-1.73^{+0.03}_{-0.02}$	0.44 ± 0.02	0.100 ± 0.002	-0.158 ± 0.002	b,e,j
Segue 1	220.4776	50.4090	208.5 ± 0.9	$3.70^{+1.40}_{-1.10}$	-2.50		-2.102 ± 0.051	$-3.375^{+0.044}_{-0.046}$	b,aj
Segue 2	149.4462	-38.1445	-40.2 ± 0.9	< 2.60	-2.22 ± 0.13	0.43	1.446 ± 0.059	$-0.322^{+0.049}_{-0.050}$	ak,b
Sextans	243.4973	42.2736	224.3 ± 0.1	7.90 ± 1.30	-1.97 ± 0.04	0.38 ± 0.03	$-0.409^{+0.009}_{-0.008}$	0.037 ± 0.009	b,e,j
Sextans II	245.3263	45.3223							
SMC	302.8085	-44.3277	145.6 ± 0.6	27.60 ± 0.50			-0.830 ± 0.020	-1.210 ± 0.010	al,am
Triangulum II	140.8967	-23.8319	-381.7 ± 1.1	< 4.20	-2.24 ± 0.05	$0.53^{+0.38}_{-0.12}$	0.575 ± 0.060	$0.112^{+0.069}_{-0.067}$	an,b
Tucana II	328.0863	-52.3248	-124.7 ± 1.0	$3.80^{+1.10}_{-0.70}$	-2.77		$0.911^{+0.024}_{-0.026}$	-1.280 ± 0.029	ao,ap,b
Tucana III	315.4236	-56.1909	-102.3 ± 0.4	< 1.50	$-2.42^{+0.07}_{-0.08}$	< 0.19	$-0.048^{+0.035}_{-0.036}$	-1.638 ± 0.039	b,aq
Tucana IV	313.3093	-55.3089	$15.9^{+1.8}_{-1.7}$	$4.30^{+1.70}_{-1.00}$	$-2.49^{+0.15}_{-0.16}$	< 0.64	$0.534^{+0.050}_{-0.053}$	$-1.707^{+0.054}_{-0.055}$	b,s
Tucana V	316.3148	-51.8953	$-34.7^{+0.9}_{-0.8}$	$1.20^{+0.90}_{-0.60}$	$-2.84^{+0.32}_{-0.30}$	$0.43^{+0.32}_{-0.15}$	$-0.140^{+0.040}_{-0.050}$	$-1.180^{+0.050}_{-0.060}$	ae,ar
Ursa Major I	159.3624	54.4268	-55.3 ± 1.4	7.00 ± 1.00	$-2.16^{+0.11}_{-0.13}$	$0.62^{+0.10}_{-0.08}$	-0.401 ± 0.036	$-0.613^{+0.040}_{-0.042}$	b,i,e

Table 3 *continued on next page*

Table 3 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
Ursa Major II	152.4603	37.4410	-116.5 ± 1.9	6.70 ± 1.40	$-2.23^{+0.21}_{-0.24}$	$0.67^{+0.20}_{-0.15}$	1.731 ± 0.021	$-1.906^{+0.024}_{-0.025}$	b,i,e
Ursa Major III	194.6164	73.6766	88.6 ± 1.3	$3.70^{+1.40}_{-1.00}$			-0.750 ± 0.090	1.150 ± 0.140	as
Ursa Minor	104.9817	44.8126	-247.0 ± 0.4	8.60 ± 0.30	-2.13 ± 0.02	0.35 ± 0.01	-0.120 ± 0.005	0.071 ± 0.005	at,b,au
Virgo I	276.9419	59.5777							
Virgo II	4.0665	52.7543							
Virgo III	286.4759	66.4770							
Willman 1	158.5729	56.7833	-14.1 ± 1.0	4.00 ± 0.80	-2.19 ± 0.08		$0.255^{+0.077}_{-0.087}$	$-1.110^{+0.095}_{-0.091}$	b,av

NOTE—Column descriptions: l—Galactic longitude; b—Galactic latitude; $v_{\rm los}$—systemic heliocentric line-of-sight velocity (generally stellar); $\sigma_{\rm los}$—stellar velocity dispersion; [Fe/H]—mean metallicity of the system, spectroscopic metallicity is preferred; $\sigma_{\rm [Fe/H]}$—metallicity dispersion; $\mu_{\alpha\star}$—systemic proper motion in $\alpha \cos\delta$ direction, ; μ_δ—systemic proper motion in δ direction. Citations: (a) Ji et al. (2021) (b) Pace et al. (2022) (c) Bruce et al. (2023) (d) Koposov et al. (2011) (e) Simon (2019) (f) Carlin et al. (2009) (g) Cerny et al. (2023a) (h) Smith et al. (2023) (i) Simon & Geha (2007) (j) Walker et al. (2009) (k) Li et al. (2018) (l) Heiger et al. (2024) (m) Fritz et al. (2019) (n) Walker et al. (2015b) (o) Longeard et al. (2018) (p) Li et al. (2017) (q) Cerny et al. (2021a) (r) Chiti et al. (2022) (s) Simon et al. (2020) (t) Koposov et al. (2015b) (u) Kirby et al. (2015) (v) Koposov et al. (2018) (w) Mateo et al. (2008) (x) Spencer et al. (2017) (y) Jenkins et al. (2021) (z) Júlio et al. (2024) (aa) Kallivayalil et al. (2013) (ab) van der Marel et al. (2002) (ac) Kim et al. (2016b) (ad) Cerny et al. (2023b) (ae) Battaglia et al. (2022) (af) Simon et al. (2015) (ag) Walker et al. (2015a) (ah) Gaia Collaboration et al. (2018) (ai) McConnachie (2012) (aj) Simon et al. (2011) (ak) Kirby et al. (2013a) (al) Harris & Zaritsky (2006) (am) Zivick et al. (2018) (an) Kirby et al. (2017a) (ao) Chiti et al. (2021) (ap) Chiti et al. (2023) (aq) Simon et al. (2017) (ar) Hansen et al. (2024) (as) Smith et al. (2024) (at) Pace et al. (2020) (au) Spencer et al. (2018) (av) Willman et al. (2011)

Table 4. Properties of Milky Way dwarf galaxies

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
Antlia II	1.3×10^6	7.9×10^7	1.2×10^2	$< 9.8 \times 10^1$	$< 7.4 \times 10^{-5}$	a,b
Aquarius II	9.5×10^3	2.6×10^6	5.4×10^2	$< 1.8 \times 10^3$	< 0.2	c,b,d
Boötes I	4.4×10^4	3.2×10^6	1.4×10^2	$< 2.6 \times 10^2$	$< 5.9 \times 10^{-3}$	e,f,g
Boötes II	2.6×10^3	2.6×10^5	2.0×10^2	$< 3.7 \times 10^1$	< 0.01	c,f,g
Boötes III	3.4×10^4	4.8×10^7	2.8×10^3	$< 1.1 \times 10^2$	$< 3.2 \times 10^{-3}$	h,i,j,b
Boötes IV	2.3×10^4					k,l
Boötes V	3.3×10^3					m,n
Canes Venatici I	5.3×10^5	1.8×10^7	66.1	$< 1.1 \times 10^3$	$< 2.1 \times 10^{-3}$	f,o,g
Canes Venatici II	2.0×10^4	1.1×10^6	1.1×10^2	$< 2.4 \times 10^3$	< 0.1	f,b,o
Carina	1.0×10^6	1.0×10^7	19.9	$< 1.1 \times 10^3$	$< 1.1 \times 10^{-3}$	f,b,p
Carina II	1.2×10^4	8.3×10^5	1.4×10^2	$< 2.4 \times 10^2$	< 0.02	q,b,r
Carina III	1.6×10^3	5.9×10^5	7.6×10^2	$< 1.0 \times 10^2$	< 0.06	q,b,r
Centaurus I	2.9×10^4	1.3×10^6	87.0			s,t
Cetus II	1.7×10^2			$< 1.3 \times 10^2$	< 0.7	u,b
Cetus III	4.1×10^3			$< 8.5 \times 10^3$	< 2	v,l,b
Columba I	8.2×10^3	$< 4.1 \times 10^6$	$< 3.1 \times 10^2$	$< 5.2 \times 10^3$	< 0.6	w,x,b
Coma Berenices	8.9×10^3	1.1×10^6	2.4×10^2	$< 5.9 \times 10^1$	$< 6.6 \times 10^{-3}$	f,o,g
Crater II	3.2×10^5	5.4×10^6	33.6	$< 2.9 \times 10^3$	$< 9.1 \times 10^{-3}$	a,b,y
Draco	6.0×10^5	1.5×10^7	49.4	$< 1.5 \times 10^2$	$< 2.5 \times 10^{-4}$	f,g,z
Draco II	3.6×10^2	$< 5.3 \times 10^5$	$< 8.3 \times 10^4$			aa
Eridanus II	1.2×10^5	7.9×10^6	1.3×10^2	$< 2.9 \times 10^3$	< 0.02	ab,ac
Eridanus IV	1.3×10^4	2.6×10^6	3.9×10^2			ad,s
Fornax	3.9×10^7	9.5×10^7	4.9	$< 3.6 \times 10^3$	$< 9.2 \times 10^{-5}$	f,b,p,ae
Grus I	7.7×10^3	6.7×10^5	1.7×10^2	$< 2.4 \times 10^3$	< 0.3	af,ag,b
Grus II	4.3×10^3	$< 3.5 \times 10^5$	$< 3.1 \times 10^2$	$< 4.3 \times 10^2$	< 0.1	b,ah
Hercules	3.6×10^4	2.9×10^6	1.6×10^2	$< 1.5 \times 10^3$	< 0.04	f,b,o
Horologium I	3.8×10^3	7.1×10^5	3.7×10^2	$< 7.6 \times 10^2$	< 0.2	ai,b,aj

Table 4 *continued on next page*

Table 4 *(continued)*

Name	$M_\star$ $M_\odot$	$M_{\rm dyn}(r_{1/2})$ $M_\odot$	$\Upsilon_{1/2}$	$M_{\rm HI}$ $M_\odot$	$M_{\rm HI}/M_\star$	Ref
Horologium II	1.2×10^3			$< 7.7 \times 10^2$	< 0.7	b,aj
Hydra II	1.9×10^4	$< 1.1 \times 10^6$	< 75.7	$< 3.2 \times 10^3$	< 0.2	ak,f,b,aj
Hydrus I	1.3×10^4	3.6×10^5	54.7	$< 1.2 \times 10^2$	$< 9.3 \times 10^{-3}$	al,b
Leo I	9.1×10^6	1.8×10^7	4.0	$< 3.6 \times 10^3$	$< 4.0 \times 10^{-4}$	am,f,g
Leo II	1.3×10^6	8.4×10^6	12.7	$< 1.9 \times 10^3$	$< 1.5 \times 10^{-3}$	f,g,an
Leo IV	1.6×10^4	1.1×10^6	1.3×10^2	$< 2.3 \times 10^3$	< 0.1	ao,f,b
Leo V	9.8×10^3	$< 7.6 \times 10^5$	$< 2.2 \times 10^2$	$< 3.6 \times 10^2$	< 0.04	ao,f,g
Leo Minor I	1.6×10^3					m
LMC	2.9×10^9	9.7×10^8	0.7	4.3×10^8	0.1	ap,aq,ar,as
Pegasus III	8.0×10^3	2.2×10^6	5.6×10^2	$< 3.4 \times 10^3$	< 0.4	at,b,au
Pegasus IV	8.6×10^3	4.2×10^5	98.9			av
Phoenix II	1.9×10^3	$< 1.1 \times 10^7$	$< 4.5 \times 10^2$	$< 8.3 \times 10^2$	< 0.4	x,b,aj
Pictor I	3.0×10^3			$< 1.9 \times 10^3$	< 0.6	aw,j,b
Pictor II	3.3×10^3			$< 2.9 \times 10^2$	< 0.09	ax,b
Pisces II	8.8×10^3	1.5×10^6	3.5×10^2	$< 1.6 \times 10^3$	< 0.2	ak,b,au
Reticulum II	3.0×10^3	4.4×10^5	3.0×10^2	$< 1.4 \times 10^2$	< 0.05	ay,b,az
Reticulum III	3.6×10^3	$< 4.1 \times 10^6$	$< 2.5 \times 10^2$	$< 9.9 \times 10^2$	< 0.3	u,x,b
Sagittarius	4.3×10^7	1.9×10^8	8.8	$< 1.2 \times 10^2$	$< 2.8 \times 10^{-6}$	ba,b
Sculptor	3.5×10^6	1.8×10^7	10.1	$< 3.1 \times 10^3$	$< 8.8 \times 10^{-4}$	f,b,p
Segue 1	5.7×10^2	2.5×10^5	8.9×10^2	$< 1.1 \times 10^1$	< 0.02	f,bb,g
Segue 2	1.0×10^3	$< 2.2 \times 10^5$	$< 4.9 \times 10^2$	$< 3.0 \times 10^2$	< 0.3	bc,f,b
Sextans	5.3×10^5	2.0×10^7	76.1	$< 4.0 \times 10^2$	$< 7.6 \times 10^{-4}$	f,b,p
Sextans II	6.3×10^3					l
SMC	8.9×10^8	7.7×10^8	1.7	4.4×10^8	0.5	ap,bd,f,ar
Triangulum II	5.7×10^2	$< 2.8 \times 10^5$	$< 1.6 \times 10^6$	$< 1.1 \times 10^2$	< 0.2	w,be,b,aj
Tucana II	5.4×10^3	2.2×10^6	8.2×10^2	$< 2.0 \times 10^2$	< 0.04	bf,aw,b
Tucana III	5.7×10^2	$< 6.4 \times 10^4$	$< 7.8 \times 10^3$	$< 7.5 \times 10^1$	< 0.1	ay,b,bg
Tucana IV	2.7×10^3	1.7×10^6	1.3×10^3	$< 2.3 \times 10^2$	< 0.08	b,ah
Tucana V	4.7×10^2	3.1×10^4	1.3×10^2	$< 3.6 \times 10^2$	< 0.8	bh,b,ah
Ursa Major I	1.9×10^4	6.9×10^6	7.1×10^2	$< 6.9 \times 10^3$	< 0.4	f,b,o

Table 4 *continued on next page*

Table 4 *(continued)*

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
Ursa Major II	1.0×10^4	3.9×10^6	7.7×10^2	$< 8.8 \times 10^1$	$< 8.8 \times 10^{-3}$	f,o,g
Ursa Major III	2.3×10^1	2.4×10^4	2.1×10^3			bi
Ursa Minor	5.3×10^5	1.6×10^7	61.1	$< 4.7 \times 10^1$	$< 8.9 \times 10^{-5}$	f,g,bj
Virgo I	3.9×10^2			$< 8.8 \times 10^2$	< 2	v,l,b
Virgo II	7.5×10^2					m
Virgo III	2.0×10^3					l
Willman 1	1.8×10^3	3.0×10^5	3.4×10^2	$< 3.7 \times 10^3$	< 2	f,b,bk

NOTE—Column descriptions: $M_\star$—Stellar mass from M_V assuming mass-to-light ratio of 2; $M_{\rm dyn}(r_{1/2})$—Dynamical mass within the spherically averaged half-light radius using the Wolf et al. (2010) estimator; $\Upsilon_{1/2}$—Dynamical mass-to-light ratio at the half-light radius; $M_{\rm HI}$—HI mass, in constrast to other columns the upper limits are a mix of 2,3,5 sigma measurements; $M_{\rm HI}/M_\star$—Ratio of gas-to-stellar mass. Citations: (a) Ji et al. (2021) (b) Putman et al. (2021) (c) Bruce et al. (2023) (d) Torrealba et al. (2016b) (e) Koposov et al. (2011) (f) Muñoz et al. (2018) (g) Spekkens et al. (2014) (h) Carlin et al. (2009) (i) Correnti et al. (2009) (j) Moskowitz & Walker (2020) (k) Homma et al. (2019) (l) Homma et al. (2023) (m) Cerny et al. (2023a) (n) Smith et al. (2023) (o) Simon & Geha (2007) (p) Walker et al. (2009) (q) Li et al. (2018) (r) Torrealba et al. (2018) (s) Heiger et al. (2024) (t) Mau et al. (2020) (u) Drlica-Wagner et al. (2015) (v) Homma et al. (2018) (w) Carlin et al. (2017) (x) Fritz et al. (2019) (y) Torrealba et al. (2016a) (z) Walker et al. (2015b) (aa) Longeard et al. (2018) (ab) Crnojević et al. (2016a) (ac) Li et al. (2017) (ad) Cerny et al. (2021a) (ae) Wang et al. (2019a) (af) Cantu et al. (2021) (ag) Chiti et al. (2022) (ah) Simon et al. (2020) (ai) Koposov et al. (2015b) (aj) Richstein et al. (2024) (ak) Kirby et al. (2015) (al) Koposov et al. (2018) (am) Mateo et al. (2008) (an) Spencer et al. (2017) (ao) Jenkins et al. (2021) (ap) Brüns et al. (2005) (aq) Choi et al. (2018) (ar) de Vaucouleurs et al. (1991) (as) van der Marel et al. (2002) (at) Kim et al. (2016b) (au) Richstein et al. (2022) (av) Cerny et al. (2023b) (aw) Koposov et al. (2015a) (ax) Drlica-Wagner et al. (2016) (ay) Mutlu-Pakdil et al. (2018) (az) Walker et al. (2015a) (ba) McConnachie (2012) (bb) Simon et al. (2011) (bc) Kirby et al. (2013a) (bd) Harris & Zaritsky (2006) (be) Kirby et al. (2017a) (bf) Chiti et al. (2023) (bg) Simon et al. (2017) (bh) Hansen et al. (2024) (bi) Smith et al. (2024) (bj) Spencer et al. (2018) (bk) Willman et al. (2011)

Table 5. Properties of ultra-faint compact stellar systems

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
Koposov 1		11:59:18.1	+12:15:41.4	MW	Koposov et al. (2007)		
Koposov 2		07:58:17.2	+26:15:26.6	MW	Koposov et al. (2007)		
Segue 3		21:21:31.0	+19:07:03.7	MW	Belokurov et al. (2010)		
Muñoz 1		15:01:47.8	+66:58:05.5	MW	Muñoz et al. (2012)		
Balbinot 1		22:10:43.0	+14:56:25.1	MW	Balbinot et al. (2013)		
Laevens 1	Crater I	11:36:16.0	-10:52:37.9	MW	Belokurov et al. (2014)		GC
	PSO J174.0675-10.8774				Laevens et al. (2014)		
Kim 1		22:11:41.1	+07:01:37.6	MW	Kim & Jerjen (2015b)	Cand.	
DES 1		00:33:59.8	-49:02:19.0	MW	Luque et al. (2016)		
Eridanus III	DES J0222.7-5217	02:22:46.8	-52:17:01.7	MW	Bechtol et al. (2015)		SC/dSph
					Koposov et al. (2015a)		
Kim 2	Indus I	21:08:48.5	-51:10:01.6	MW	Kim et al. (2015b)		
	DES J2108.8-5109				Bechtol et al. (2015)		
					Koposov et al. (2015a)		
Laevens 3		21:06:55.1	+14:59:03.8	MW	Laevens et al. (2015a)		
Sagittarius II	Laevens 5	19:52:40.5	-22:04:05.0	MW	Laevens et al. (2015a)		GC
Kim 3		13:22:45.1	-30:36:00.0	MW	Kim et al. (2016a)	Cand.	
SMASH 1		06:21:00.0	-80:23:47.8	MW	Martin et al. (2016a)	Cand.	
DES 3		21:40:13.2	-52:32:30.5	MW	Luque et al. (2018)	Cand.	
DES 4		05:28:22.8	-61:43:25.3	MW	Torrealba et al. (2019a)	Cand.	
DES 5		05:10:00.8	-62:34:49.7	MW	Torrealba et al. (2019a)	Cand.	
Gaia 3		06:20:14.1	-73:24:52.0	MW	Torrealba et al. (2019a)	Cand.	
PS1 1	Prestgard 64	19:16:41.1	-27:49:38.0	MW	Torrealba et al. (2019a)	Cand.	
To 1		03:44:19.8	-69:25:21.2	MW	Torrealba et al. (2019a)	Cand.	
BLISS 1	BLISS J0321+0438	11:50:02.4	-41:46:19.2	MW	Mau et al. (2019)		
HSC 1	HSC J2217+0328	22:17:14.2	+03:28:48.0	MW	Homma et al. (2019)	Cand.	
DELVE 1		16:30:54.0	-00:58:19.2	MW	Mau et al. (2020)		

Table 5 *continued on next page*

Table 5 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
					Drlica-Wagner et al. (2020)		
DELVE 2	DELVE J0155-6815	01:55:05.3	-68:15:10.8	MW	Cerny et al. (2021b)		SC/dSph
YMCA-1		07:23:21.1	-64:49:54.8	MW	Gatto et al. (2021)		
DELVE 3	DELVE J1921-6047	19:21:35.0	-60:47:02.4	MW	Cerny et al. (2023a)		
DELVE 4	DELVE J1523+2723	15:23:06.0	+27:23:42.0	MW	Cerny et al. (2023a)		
DELVE 5	DELVE J1448+1728	14:48:25.0	+17:28:04.8	MW	Cerny et al. (2023a)		
DELVE 6		02:12:16.8	-66:03:21.6	MW	Cerny et al. (2023c)	Cand.	

NOTE— Column description: `Type`—Star cluster/Globular cluster versus dwarf galaxy.

Table 6. Properties of ultra-faint compact stellar systems

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
Balbinot 1	332.6791	14.9403	$0.60^{+0.16}_{-0.11}$			$5.6^{+1.3}_{-1.2}$	$17.52^{+0.07}_{-0.11}$	$31.9^{+1.0}_{-1.6}$	16.3	-1.2 ± 0.7	a
BLISS 1	177.5100	-41.7720	$0.60^{+0.19}_{-0.14}$	0.06	$101.0^{+74.0}_{-56.0}$	4.1 ± 1.2	$16.87^{+0.20}_{-0.13}$	$23.7^{+2.3}_{-1.4}$	16.9	$0.0^{+1.7}_{-0.7}$	b
Laevens 1	174.0668	-10.8772	0.46 ± 0.01			19.5 ± 0.6	20.82 ± 0.04	145.9 ± 3.0	15.5	-5.3 ± 0.1	c
DELVE 1	247.7250	-0.9720	$0.97^{+0.27}_{-0.19}$	$0.20^{+0.10}_{-0.20}$	$21.0^{+26.0}_{-30.0}$	4.7 ± 1.3	16.39 ± 0.12	$19.0^{+1.1}_{-1.0}$	16.2	$-0.2^{+0.8}_{-0.6}$	d
DELVE 2	28.7720	-68.2530	$1.04^{+0.19}_{-0.15}$	$0.03^{+0.15}_{-0.03}$	$74.0^{+84.0}_{-40.0}$	20.5 ± 3.7	19.26 ± 0.10	$71.1^{+3.4}_{-3.2}$	17.2	$-2.1^{+0.4}_{-0.5}$	e
DELVE 3	290.3960	-60.7840	$0.40^{+0.12}_{-0.08}$	< 0.40	$87.0^{+30.0}_{-35.0}$	6.6 ± 1.6	$18.73^{+0.09}_{-0.23}$	$55.7^{+2.4}_{-5.6}$	17.4	$-1.3^{+0.4}_{-0.6}$	f
DELVE 4	230.7750	27.3950	$0.49^{+0.16}_{-0.12}$	0.40 ± 0.20	$152.0^{+14.0}_{-17.0}$	$4.8^{+2.0}_{-1.5}$	18.28 ± 0.19	$45.3^{+4.1}_{-3.8}$	18.1	$-0.2^{+0.5}_{-0.8}$	f
DELVE 5	222.1040	17.4680	$0.68^{+0.24}_{-0.17}$	$0.60^{+0.10}_{-0.20}$	$77.0^{+10.0}_{-11.0}$	$4.8^{+1.9}_{-1.7}$	17.97 ± 0.17	$39.3^{+3.2}_{-3.0}$	18.4	$0.4^{+0.4}_{-0.9}$	f
DELVE 6	33.0700	-66.0560	$0.43^{+0.18}_{-0.12}$	< 0.56	$14.0^{+40.0}_{-63.0}$	$9.9^{+3.5}_{-3.6}$	$19.51^{+0.11}_{-0.16}$	$79.8^{+4.1}_{-5.7}$	18.0	$-1.5^{+0.4}_{-0.6}$	g
DES 1	8.4992	-49.0386	$0.24^{+0.04}_{-0.03}$	$0.41^{+0.03}_{-0.06}$	112.0 ± 3.0	4.1 ± 0.6	19.40 ± 0.12	$75.9^{+4.3}_{-4.1}$	18.0	-1.4 ± 0.5	h
DES 3	325.0552	-52.5418	$0.30^{+0.05}_{-0.04}$	$0.18^{+0.14}_{-0.12}$	$-11.6^{+30.8}_{-32.2}$	$5.9^{+1.1}_{-1.0}$	$19.41^{+0.08}_{-0.11}$	$76.2^{+2.9}_{-3.8}$	17.8	$-1.6^{+0.5}_{-0.3}$	i
DES 4	82.0950	-61.7237	0.83			7.6	17.50	31.6	16.4	-1.1	j
DES 5	77.5035	-62.5805	0.18			1.3	17.00	25.1	17.3	0.3	j
Eridanus III	35.6952	-52.2838	$0.32^{+0.04}_{-0.03}$	$0.44^{+0.02}_{-0.03}$	109.0 ± 5.0	$6.3^{+0.7}_{-0.6}$	19.80 ± 0.04	91.2 ± 1.7	17.7	-2.1 ± 0.5	h
Gaia 3	95.0586	-73.4145	0.53			7.4	18.40	47.9	15.1	-3.3	j
HSC 1	334.3090	3.4800	$0.44^{+0.07}_{-0.06}$	$0.46^{+0.08}_{-0.10}$	-12.0 ± 11.0	$4.2^{+0.9}_{-0.8}$	18.30 ± 0.20	$45.7^{+4.4}_{-4.0}$	18.1	$-0.2^{+0.6}_{-0.8}$	k
Kim 1	332.9214	7.0271	1.20 ± 0.10	0.42 ± 0.10	-59.0 ± 6.0	5.2 ± 0.7	$16.48^{+0.20}_{-0.10}$	$19.8^{+1.9}_{-0.9}$	16.8	0.3 ± 0.5	l
Kim 2	317.2020	-51.1671	0.42 ± 0.02	0.12 ± 0.10	35.0 ± 5.0	$11.9^{+1.0}_{-0.9}$	20.10 ± 0.10	$104.7^{+4.9}_{-4.7}$	18.6	-1.5 ± 0.5	m
Kim 3	200.6880	-30.6000	$0.52^{+0.24}_{-0.11}$	$0.17^{+0.26}_{-0.17}$	4.0 ± 24.0	$2.0^{+0.7}_{-0.6}$	$15.90^{+0.11}_{-0.04}$	$15.1^{+0.8}_{-0.3}$	16.6	0.7 ± 0.3	n
Koposov 1	179.8253	12.2615	0.62 ± 0.18	0.45 ± 0.15	7.0 ± 21.0	$6.1^{+2.4}_{-1.8}$	18.42	48.3	17.4	-1.0 ± 0.7	o
Koposov 2	119.5715	26.2574	0.44 ± 0.07	0.43 ± 0.14	-35.0 ± 18.0	$3.3^{+0.7}_{-0.6}$	17.70	34.7	16.8	-0.9 ± 0.8	o
Laevens 3	316.7294	14.9844	0.64 ± 0.05	$0.11^{+0.09}_{-0.11}$	$72.0^{+24.0}_{-17.0}$	$10.7^{+0.9}_{-1.0}$	$18.94^{+0.05}_{-0.02}$	$61.4^{+1.4}_{-0.6}$	16.1	$-2.8^{+0.2}_{-0.3}$	p
Muñoz 1	225.4490	66.9682	0.49 ± 0.15	0.34 ± 0.17	139.0 ± 46.0	$5.0^{+2.0}_{-1.6}$	$18.27^{+0.23}_{-0.26}$	$45.1^{+5.0}_{-5.1}$	17.9	-0.4 ± 1.0	q,o
PS1 1	289.1712	-27.8272	0.55			4.8	17.40	30.2	15.5	-1.9	j
Sagittarius II	298.1687	-22.0681	$1.85^{+0.08}_{-0.07}$	< 0.08	$96.0^{+50.0}_{-32.0}$	$34.5^{+2.2}_{-2.1}$	19.03 ± 0.10	$64.0^{+3.0}_{-2.9}$	13.8	$-5.2^{+0.1}_{-0.0}$	r,s
Segue 3	320.3793	19.1177	0.43 ± 0.08	0.23 ± 0.11	33.0 ± 36.0	1.8 ± 0.4	16.14 ± 0.09	16.9 ± 0.7	16.1	$-0.1^{+0.1}_{-0.8}$	t
SMASH 1	95.2496	-80.3966	$0.57^{+0.32}_{-0.18}$	$0.62^{+0.17}_{-0.21}$	-24.0 ± 16.0	$5.6^{+3.2}_{-2.7}$	18.80	57.5	17.8	-1.0 ± 0.9	u

Table 6 *continued on next page*

Table 6 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
To 1	56.0825	-69.4226	0.27			3.4	18.20	43.7	16.6	-1.6	j
YMCA-1	110.8378	-64.8319	0.22 ± 0.03			$3.5^{+0.6}_{-0.5}$	$18.72^{+0.15}_{-0.17}$	$55.5^{+4.0}_{-4.2}$	18.2	-0.5 ± 0.6	v

NOTE—Citations: (a) Balbinot et al. (2013) (b) Mau et al. (2019) (c) Weisz et al. (2016) (d) Mau et al. (2020) (e) Cerny et al. (2021b) (f) Cerny et al. (2023a) (g) Cerny et al. (2023c) (h) Conn et al. (2018) (i) Luque et al. (2018) (j) Torrealba et al. (2019a) (k) Homma et al. (2019) (l) Kim & Jerjen (2015b) (m) Kim et al. (2015b) (n) Kim et al. (2016a) (o) Muñoz et al. (2018) (p) Longeard et al. (2019) (q) Muñoz et al. (2012) (r) Joo et al. (2019) (s) Richstein et al. (2024) (t) Fadely et al. (2011) (u) Martin et al. (2016a) (v) Gatto et al. (2022)

Table 7. Properties of ultra-faint compact stellar systems

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
Balbinot 1	75.1723	-32.6443					$11.7^{+1.4}_{-0.8}$			a
BLISS 1	290.8313	19.6526						-2.340 ± 0.042	0.138 ± 0.038	b
Laevens 1	274.8070	47.8474	148.2 ± 1.1	$2.04^{+2.19}_{-1.06}$	-1.68	< 0.53	7.5 ± 0.4	-0.040 ± 0.120	0.120 ± 0.100	c,d,e,f
DELVE 1	14.1876	30.2900					$12.5^{+1.0}_{-0.7}$	0.040 ± 0.070	-1.540 ± 0.050	c,g
DELVE 2	294.2362	-47.7863						$0.920^{+0.120}_{-0.110}$	$-0.970^{+0.090}_{-0.080}$	c,h
DELVE 3	335.8458	-27.0619						$-0.330^{+0.310}_{-0.340}$	$-0.800^{+0.350}_{-0.320}$	i
DELVE 4	42.3105	56.4285					13.5	$0.420^{+0.080}_{-0.090}$	-0.750 ± 0.110	i
DELVE 5	19.3752	61.3561					10.0	$-1.820^{+0.130}_{-0.120}$	-0.930 ± 0.120	i
DELVE 6	290.5702	-49.0866						0.930 ± 0.390	-1.280 ± 0.380	j
DES 1	310.5222	-67.8318					$11.2^{+1.0}_{-0.9}$			k
DES 3	343.8295	-46.5116					9.8 ± 1.1			l
DES 4	270.8713	-33.4387								
DES 5	272.2040	-35.4695								
Eridanus III	274.9547	-59.5966					$12.5^{+0.5}_{-0.7}$	1.390 ± 0.130	-0.640 ± 0.140	c,k
Gaia 3	284.2274	-28.1313								
HSC 1	66.3192	-41.8407								
Kim 1	68.5158	-38.4241					$12.0^{+1.5}_{-3.0}$			m
Kim 2	347.1549	-42.0693					$11.5^{+2.0}_{-3.5}$			n
Kim 3	310.8601	31.7892					$9.5^{+3.0}_{-1.7}$	-0.849 ± 0.178	3.396 ± 0.140	o,b
Koposov 1	260.9699	70.7551						-1.513 ± 0.135	-0.814 ± 0.105	b
Koposov 2	195.1097	25.5468						-0.601 ± 0.189	-0.025 ± 0.189	b
Laevens 3	63.5981	-21.1761	-70.2 ± 0.5		-1.80 ± 0.10		13.0 ± 1.0	0.172 ± 0.101	-0.666 ± 0.080	p,b
Muñoz 1	105.4414	45.4806	-137.0 ± 4.0	< 4.70	-1.46 ± 0.32			-0.100 ± 0.203	-0.020 ± 0.207	q,b
PS1 1	10.0421	-17.4207								
Sagittarius II	18.9355	-22.8975	$-177.2^{+0.5}_{-0.6}$	1.70 ± 0.50	-2.23 ± 0.07			-0.769 ± 0.035	$-0.903^{+0.022}_{-0.023}$	r,s
Segue 3	69.3997	-21.2723	-167.0	1.20 ± 2.60			$12.0^{+1.5}_{-0.4}$	-0.981 ± 0.121	-1.667 ± 0.081	t,b
SMASH 1	292.1393	-27.9860								

Table 7 *continued on next page*

Table 7 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_{δ}	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
To 1	284.3606	-40.9069								
YMCA-1	276.0948	-21.1101					$11.7^{+1.7}_{-1.3}$	1.044 ± 0.402	1.107 ± 0.209	u,v

NOTE—Citations: (a) Balbinot et al. (2013) (b) Vasiliev & Baumgardt (2021) (c) Battaglia et al. (2022) (d) Kirby et al. (2015) (e) Voggel et al. (2016) (f) Weisz et al. (2016) (g) Mau et al. (2020) (h) Cerny et al. (2021b) (i) Cerny et al. (2023a) (j) Cerny et al. (2023c) (k) Conn et al. (2018) (l) Luque et al. (2018) (m) Kim & Jerjen (2015b) (n) Kim et al. (2015b) (o) Kim et al. (2016a) (p) Longeard et al. (2019) (q) Muñoz et al. (2012) (r) Longeard et al. (2021) (s) Pace et al. (2022) (t) Fadely et al. (2011) (u) Gatto et al. (2022) (v) Piatti & Lucchini (2022)

Table 8. Properties of M31 dwarf galaxies

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
M 32	UGC 452	00:42:41.8	+40:51:54.4	M 31			cE
	NGC 221						
	PGC002555						
NGC 185	UGC 396	00:38:58.0	+48:20:10.0	M 31	Herschel (1789)		dE/dSph
					Baade (1944)		
NGC 205	M110	00:40:22.5	+41:41:11.0	M 31			dE/dSph
	UGC 426						
NGC 147	UGC 326	00:33:11.6	+48:30:28.0	M 31	Herschel (1833)		dE/dSph
	DDO 3				Baade (1944)		
	PGC 2004						
	LEDA 2004						
	Caldwell 17						
IC 10	UGC 192	00:20:24.5	+59:17:30.0	M 31	Swift (1888)		dIrr
	2MASX J00201733+5918136						
	MCG +10-01-001						
	PGC001305						
Andromeda I	KK 8	00:45:39.7	+38:02:15.0	M 31	van den Bergh (1972)		dSph
Andromeda II	KK 12	01:16:26.8	+33:26:07.0	M 31	van den Bergh (1972)		dSph
Andromeda III	KK 5	00:35:30.9	+36:29:56.0	M 31	van den Bergh (1972)		dSph
LGS 3	Local Group Suspect 3	01:03:55.0	+21:53:06.0	M 31	Karachentseva (1976)		dIrr/dSph
	Pisces (I)				Kowal et al. (1978)		
Andromeda V		01:10:17.5	+47:37:42.0	M 31	Armandroff et al. (1998)		dSph
Andromeda VI	Pegasus dSph	23:51:46.9	+24:34:57.0	M 31	Karachentsev & Karachentseva (1999)		dSph
					Armandroff et al. (1999)		
Andromeda VII	Casseopia dSph	23:26:33.5	+50:40:48.0	M 31	Karachentsev & Karachentseva (1999)		dSph
	KKH96						
	PGC2807155						

Table 8 *continued on next page*

Table 8 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
Andromeda IX		00:52:53.4	+43:11:57.0	M 31	Zucker et al. (2004)		dSph
Andromeda X		01:06:35.4	+44:48:27.0	M 31	Zucker et al. (2007)		dSph
Andromeda XI		00:46:19.7	+33:48:10.0	M 31	Martin et al. (2006)		dSph
Andromeda XII		00:47:28.3	+34:22:38.0	M 31	Martin et al. (2006)		dSph
Andromeda XIII	Pisces III	00:51:51.0	+33:00:16.0	M 31	Martin et al. (2006)		dSph
Andromeda XIV		00:51:35.0	+29:41:23.0	M 31	Majewski et al. (2007)		dSph
Andromeda XV		01:14:18.3	+38:07:11.0	M 31	Ibata et al. (2007)		dSph
Andromeda XVI	Pisces V	00:59:30.3	+32:22:34.0	M 31	Ibata et al. (2007)		dSph
Andromeda XVII		00:37:06.3	+44:19:23.0	M 31	Irwin et al. (2008)		dSph
Andromeda XVIII		00:02:14.5	+45:05:15.8	M 31	McConnachie et al. (2008)		dSph
Andromeda XIX		00:19:34.5	+35:02:41.0	M 31	McConnachie et al. (2008)		dSph
Andromeda XX		00:07:30.6	+35:07:37.0	M 31	McConnachie et al. (2008)		dSph
Andromeda XXI		23:54:47.9	+42:28:14.0	M 31	Martin et al. (2009)		dSph
Andromeda XXII	Triangulum I	01:27:40.4	+28:05:25.0	M 31	Martin et al. (2009)		dSph
Andromeda XXIII		01:29:21.0	+38:43:26.0	M 31	Richardson et al. (2011)		dSph
Andromeda XXIV		01:18:32.7	+46:22:13.0	M 31	Richardson et al. (2011)		dSph
Andromeda XXV		00:30:09.9	+46:51:41.0	M 31	Richardson et al. (2011)		dSph
Andromeda XXVI		00:23:46.3	+47:54:43.0	M 31	Richardson et al. (2011)		dSph
Andromeda XXVII		00:37:27.1	+45:23:13.0	M 31	Richardson et al. (2011)		dSph
Andromeda XXVIII		22:32:41.2	+31:12:53.8	M 31	Slater et al. (2011)		dSph
Andromeda XXIX		23:58:55.6	+30:45:20.2	M 31	Bell et al. (2011)		dSph
Cassiopeia II	Andromeda XXX	00:36:34.6	+49:38:49.0	M 31			dSph
Cassiopeia III	Andromeda XXXII	00:35:57.4	+51:33:36.2	M 31	Martin et al. (2013a)		dSph
Lacerta I	Andromeda XXXI	22:58:12.2	+41:18:22.3	M 31	Martin et al. (2013a)		dSph
Perseus I	Andromeda XXXIII	03:01:23.4	+40:59:05.4	M 31	Martin et al. (2013b)		dSph
Pegasus V	Andromeda XXXIV	23:18:27.8	+33:21:32.0	M 31	Collins et al. (2022)		dSph
Pisces VII	Triangulum III	01:21:40.6	+26:23:27.6	M 33	Martínez-Delgado et al. (2022)		dSph
Triangulum IV		01:28:38.9	+30:59:03.6	M 33	Ogami et al. (2024)	Cand.	dSph

Note—

Table 9. Properties of M31 dwarf galaxies

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
Andromeda I	11.4154	38.0375	3.90 ± 0.10	0.28 ± 0.03	30.0 ± 4.0	$749.8^{+30.1}_{-30.9}$	24.45 ± 0.05	$776.2^{+18.1}_{-17.7}$	13.1	-11.3 ± 0.2	a,b
Andromeda II	19.1117	33.4353	5.30 ± 0.10	0.16 ± 0.02	31.0 ± 5.0	$941.7^{+28.3}_{-29.1}$	24.12 ± 0.05	$666.8^{+15.5}_{-15.2}$	12.4	-11.7 ± 0.2	a,b
Andromeda III	8.8788	36.4989	2.00 ± 0.20	0.59 ± 0.04	140.0 ± 3.0	$267.7^{+28.8}_{-31.1}$	24.29 ± 0.05	$721.1^{+16.8}_{-16.4}$	14.8	$-9.5^{+0.3}_{-0.2}$	a,b
Andromeda V	17.5729	47.6283	$1.60^{+0.20}_{-0.10}$	$0.26^{+0.09}_{-0.07}$	54.0 ± 10.0	$300.4^{+36.7}_{-33.1}$	24.40 ± 0.06	$758.6^{+21.3}_{-20.7}$	15.1	-9.3 ± 0.2	a,b
Andromeda VI	357.9454	24.5825	2.15 ± 0.08	0.41 ± 0.03	163.0 ± 3.0	$398.9^{+22.0}_{-19.6}$	24.60 ± 0.06	$831.8^{+23.3}_{-22.7}$	13.3	-11.3 ± 0.2	c,b
Andromeda VII	351.6396	50.6800	3.47 ± 0.07	0.13 ± 0.04	94.0 ± 8.0	$775.5^{+31.0}_{-29.0}$	24.58 ± 0.06	$824.1^{+23.1}_{-22.5}$	11.8	-12.8 ± 0.3	c,b
Andromeda IX	13.2225	43.1992	$2.00^{+0.30}_{-0.20}$	$0.00^{+0.16}_{-0.00}$	41.0 ± 65.0	$393.3^{+48.1}_{-48.7}$	24.23 ± 0.06	$701.5^{+19.7}_{-19.1}$	15.6	-8.6 ± 0.3	a,b
Andromeda X	16.6475	44.8075	$1.10^{+0.40}_{-0.20}$	$0.10^{+0.34}_{-0.10}$	$30.0^{+20.0}_{-12.0}$	$177.7^{+57.6}_{-52.7}$	24.00 ± 0.06	$631.0^{+17.7}_{-17.2}$	16.7	-7.3 ± 0.3	a,b
Andromeda XI	11.5821	33.8028	0.60 ± 0.20	$0.19^{+0.28}_{-0.19}$	54.0 ± 30.0	$111.8^{+45.4}_{-40.8}$	24.38 ± 0.07	$751.6^{+24.6}_{-23.8}$	18.0	-6.4 ± 0.4	a,b
Andromeda XII	11.8679	34.3772	$1.80^{+1.20}_{-0.70}$	$0.61^{+0.16}_{-0.48}$	$16.0^{+12.0}_{-36.0}$	$224.6^{+167.1}_{-137.1}$	$24.28^{+0.08}_{-0.07}$	$717.8^{+26.9}_{-22.8}$	17.7	-6.6 ± 0.5	a,b
Andromeda XIII	12.9625	33.0044	$0.80^{+0.40}_{-0.30}$	$0.61^{+0.14}_{-0.20}$	$-20.0^{+9.0}_{-12.0}$	$109.5^{+61.6}_{-56.0}$	24.57 ± 0.07	$820.4^{+26.9}_{-26.0}$	17.8	-6.8 ± 0.4	a,b
Andromeda XIV	12.8958	29.6897	1.50 ± 0.20	$0.17^{+0.16}_{-0.17}$	-4.0 ± 14.0	$298.4^{+46.8}_{-51.2}$	24.44 ± 0.06	$772.7^{+21.6}_{-21.1}$	15.8	-8.6 ± 0.3	a,b
Andromeda XV	18.5763	38.1197	1.30 ± 0.10	0.24 ± 0.10	38.0 ± 15.0	$246.2^{+24.8}_{-25.2}$	24.37 ± 0.05	$748.2^{+17.4}_{-17.0}$	16.0	-8.4 ± 0.3	a,b
Andromeda XVI	14.8763	32.3761	1.00 ± 0.10	0.29 ± 0.08	98.0 ± 9.0	$125.3^{+15.0}_{-13.9}$	23.57 ± 0.08	$517.6^{+19.4}_{-18.7}$	16.1	-7.5 ± 0.3	a,d
Andromeda XVII	9.2762	44.3231	1.40 ± 0.30	0.50 ± 0.10	110.0 ± 9.0	$219.2^{+51.1}_{-52.6}$	24.40 ± 0.07	$758.6^{+24.9}_{-24.1}$	16.6	-7.8 ± 0.3	a,b
Andromeda XVIII	0.5603	45.0877	0.92 ± 0.05	0.44 ± 0.12	75.1 ± 4.5	$235.2^{+31.6}_{-30.1}$	25.36 ± 0.08	$1180.3^{+44.3}_{-42.7}$	16.2	-9.2 ± 0.4	e,a
Andromeda XIX	4.8937	35.0447	$14.20^{+3.40}_{-1.90}$	$0.58^{+0.05}_{-0.10}$	34.0 ± 5.0	$2165.7^{+508.1}_{-468.2}$	$24.55^{+0.09}_{-0.08}$	$812.8^{+34.4}_{-29.4}$	14.5	-10.1 ± 0.3	a,b
Andromeda XX	1.8775	35.1269	$0.40^{+0.20}_{-0.10}$	$0.11^{+0.41}_{-0.11}$	$90.0^{+20.0}_{-44.0}$	$70.7^{+31.6}_{-26.3}$	24.35 ± 0.08	$741.3^{+27.8}_{-26.8}$	18.0	-6.4 ± 0.4	a,b
Andromeda XXI	358.6996	42.4706	$4.10^{+0.80}_{-0.40}$	$0.36^{+0.10}_{-0.13}$	139.0 ± 13.0	$732.8^{+138.5}_{-124.5}$	$24.44^{+0.06}_{-0.07}$	$772.7^{+21.6}_{-24.5}$	15.5	-8.9 ± 0.3	a,b
Andromeda XXII	21.9183	28.0903	$0.90^{+0.30}_{-0.20}$	$0.61^{+0.10}_{-0.14}$	114.0 ± 10.0	$120.8^{+42.9}_{-39.7}$	24.39 ± 0.07	$755.1^{+24.7}_{-24.0}$	18.0	-6.4 ± 0.4	a,b
Andromeda XXIII	22.3375	38.7239	5.40 ± 0.40	$0.41^{+0.05}_{-0.06}$	138.0 ± 5.0	$897.0^{+87.6}_{-85.4}$	24.36 ± 0.07	$744.7^{+24.4}_{-23.6}$	14.6	-9.8 ± 0.2	a,b
Andromeda XXIV	19.6363	46.3703	$2.60^{+1.00}_{-0.50}$	$0.10^{+0.31}_{-0.10}$	90.0 ± 34.0	$414.0^{+126.3}_{-115.4}$	23.92 ± 0.07	$608.1^{+19.9}_{-19.3}$	16.3	-7.6 ± 0.3	a,b
Andromeda XXV	7.5412	46.8614	$2.70^{+0.40}_{-0.20}$	$0.03^{+0.16}_{-0.03}$	-16.0 ± 30.0	$561.8^{+67.9}_{-67.6}$	$24.38^{+0.07}_{-0.06}$	$751.6^{+24.6}_{-20.5}$	15.3	$-9.1^{+0.3}_{-0.2}$	a,b
Andromeda XXVI	5.9429	47.9119	$1.00^{+0.60}_{-0.50}$	$0.35^{+0.33}_{-0.35}$	50.0 ± 90.0	$171.8^{+115.1}_{-108.2}$	$24.48^{+0.06}_{-0.07}$	$787.0^{+22.1}_{-25.0}$	18.5	$-6.0^{+0.7}_{-0.5}$	a,b
Andromeda XXVII	9.3629	45.3869	1.80 ± 0.30	0.40 ± 0.20	150.0 ± 10.0	$323.1^{+77.5}_{-79.3}$	24.59 ± 0.12	$827.9^{+47.0}_{-44.5}$	16.7	-7.9 ± 0.5	f
Andromeda XXVIII	338.1717	31.2149	1.38 ± 0.06	0.42 ± 0.06	35.0 ± 1.0	$227.6^{+15.8}_{-16.5}$	24.36 ± 0.05	$744.7^{+17.3}_{-17.0}$	15.8	-8.5 ± 0.4	e,b,g
Andromeda XXIX	359.7317	30.7556	1.39 ± 0.08	0.29 ± 0.04	55.0 ± 4.0	$241.3^{+17.7}_{-16.5}$	24.26 ± 0.06	$711.2^{+19.9}_{-19.4}$	16.1	-8.2 ± 0.3	b,g

Table 9 *continued on next page*

Table 9 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
Cassiopeia II	9.1442	49.6469	1.50 ± 0.20	$0.43^{+0.10}_{-0.12}$	110.0 ± 9.0	$183.1^{+30.1}_{-28.5}$	23.74 ± 0.06	$559.8^{+15.7}_{-15.3}$	16.0	$-7.7^{+0.3}_{-0.2}$	a,b
Cassiopeia III	8.9893	51.5601	4.73 ± 0.09	0.30 ± 0.01	91.0 ± 2.0	$924.4^{+29.9}_{-33.2}$	24.52 ± 0.06	$801.7^{+22.5}_{-21.8}$	12.1	-12.4 ± 0.2	h,b
IC 10	5.1021	59.2917	2.65	0.19 ± 0.02		533.6	24.43 ± 0.03	$769.1^{+10.7}_{-10.6}$	9.5	-14.9 ± 0.2	i,j
Lacerta I	344.5509	41.3062	3.13 ± 0.05	0.41 ± 0.01	-64.0 ± 1.0	$519.9^{+15.1}_{-14.2}$	24.36 ± 0.05	$744.7^{+17.3}_{-17.0}$	13.2	-11.2 ± 0.3	h,b
LGS 3	15.9792	21.8850	2.10 ± 0.20	0.20	0.0	$366.8^{+40.8}_{-33.8}$	23.91 ± 0.05	$605.3^{+14.1}_{-13.8}$	14.3	-9.6 ± 0.1	i,b
M 32	10.6741	40.8651	0.47 ± 0.05	0.25 ± 0.02	159.0 ± 2.0	$91.7^{+10.0}_{-9.6}$	24.44 ± 0.06	$772.7^{+21.6}_{-21.1}$	8.1	-16.3 ± 0.1	i,b
NGC 147	8.2983	48.5078	3.17	0.41 ± 0.02	25.0 ± 3.0	520.2	24.33 ± 0.06	$734.5^{+20.6}_{-20.0}$	9.5	-14.8 ± 0.1	i,b
NGC 185	9.7417	48.3361	2.55	0.15 ± 0.10	35.0 ± 3.0	443.6	24.06 ± 0.06	$648.6^{+18.2}_{-17.7}$	9.2	-14.9 ± 0.1	i,b
NGC 205	10.0938	41.6864	2.46 ± 0.10	0.43 ± 0.10	28.0 ± 5.0	$450.6^{+47.0}_{-46.4}$	24.61 ± 0.06	$835.6^{+23.4}_{-22.8}$	8.1	-16.5 ± 0.1	i,b
Pegasus V	349.6158	33.3589	$0.40^{+0.20}_{-0.10}$	0.01 ± 0.01	$96.0^{+47.0}_{-57.0}$	$79.3^{+31.3}_{-29.8}$	24.20 ± 0.10	$691.8^{+30.9}_{-31.1}$	17.9	-6.3 ± 0.2	k
Perseus I	45.3477	40.9848	$1.40^{+0.07}_{-0.06}$	0.09 ± 0.06	$-58.0^{+25.0}_{-21.0}$	$272.0^{+16.0}_{-18.2}$	24.24 ± 0.06	$704.7^{+19.7}_{-19.2}$	15.4	-8.9 ± 0.3	h,b
Pisces VII	20.4190	26.3910	$0.67^{+0.20}_{-0.10}$	< 0.10	$96.0^{+32.0}_{-36.0}$	$175.8^{+43.2}_{-41.4}$	24.80 ± 0.20	$912.0^{+88.0}_{-80.2}$	18.8	-6.0 ± 0.3	l
Triangulum IV	22.1622	30.9843	$6.50^{+1.50}_{-1.30}$	$0.21^{+0.19}_{-0.14}$	$90.0^{+56.0}_{-47.0}$	$1545.5^{+397.5}_{-363.6}$	$24.85^{+0.11}_{-0.10}$	$933.3^{+48.5}_{-42.0}$	18.5	-6.4 ± 0.5	m

NOTE—Citations: (a) Martin et al. (2016b) (b) Savino et al. (2022) (c) McConnachie & Irwin (2006) (d) Martínez-Vázquez et al. (2017) (e) Higgs et al. (2021) (f) Richardson et al. (2011) (g) Slater et al. (2015) (h) Rhode et al. (2023b) (i) McConnachie (2012) (j) McQuinn et al. (2017) (k) Collins et al. (2022) (l) Collins et al. (2024) (m) Ogami et al. (2024)

Table 10. Properties of M31 dwarf galaxies

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
Andromeda I	121.6789	-24.8202	-376.3 ± 2.2	10.20 ± 1.90	-1.51 ± 0.02	0.34			a,b
Andromeda II	128.9048	-29.1463	-192.4 ± 0.5	7.80 ± 1.10	-1.47 ± 0.01				c,d
Andromeda III	119.3642	-26.2625	-344.3 ± 1.7	9.30 ± 1.40	-1.75 ± 0.03	0.43			a,b
Andromeda V	126.2205	-15.1230	-397.3 ± 1.5	10.50 ± 1.10	-1.84 ± 0.01	0.41			a,b
Andromeda VI	106.0443	-36.3252	-339.8 ± 1.9	$12.40^{+1.50}_{-1.30}$					e
Andromeda VII	109.4665	-9.9593	-307.2 ± 1.3	13.00 ± 1.00	-1.37 ± 0.01	0.36	0.060 ± 0.037	-0.004 ± 0.034	a,b,f
Andromeda IX	123.2130	-19.6718	-209.4 ± 2.5	10.90 ± 2.00	-2.03 ± 0.00				b,d
Andromeda X	125.7565	-17.9811	-164.1 ± 1.7	6.40 ± 1.40	-2.27 ± 0.03	0.47			a,b
Andromeda XI	121.7176	-29.0569	$-427.5^{+3.4}_{-3.5}$	$7.60^{+4.00}_{-2.80}$					e
Andromeda XII	122.0008	-28.4874	-557.1 ± 1.7	< 4.00					e
Andromeda XIII	123.0316	-29.8672	-185.4 ± 2.4	5.80 ± 2.00					b
Andromeda XIV	122.9697	-33.1820	-480.6 ± 1.2	5.30 ± 1.00	-2.23 ± 0.01				b,d
Andromeda XV	127.8737	-24.5325	-323.0 ± 1.4	4.00 ± 1.40	-1.43 ± 0.42				b,d
Andromeda XVI	124.9080	-30.4647	-367.3 ± 2.8	3.80 ± 2.90					b
Andromeda XVII	120.2299	-18.4735	$-251.6^{+1.8}_{-2.0}$	$2.90^{+2.20}_{-1.90}$					e
Andromeda XVIII	113.8876	-16.9183	-337.2 ± 1.4	$9.90^{+1.10}_{-1.00}$	-1.49	0.36			g
Andromeda XIX	115.5917	-27.3725	-109.0 ± 1.6	$7.80^{+1.70}_{-1.50}$	-2.07 ± 0.02				h
Andromeda XX	112.8715	-26.8852	$-456.2^{+3.1}_{-3.6}$	$7.10^{+3.90}_{-2.50}$					e
Andromeda XXI	111.9175	-19.1866	-363.4 ± 1.0	$6.10^{+1.00}_{-0.90}$	-1.70 ± 0.10				i
Andromeda XXII	132.5888	-34.1011	-129.8 ± 2.0	$2.80^{+1.90}_{-1.40}$					e
Andromeda XXIII	130.9882	-23.5541	-237.7 ± 1.2	7.10 ± 1.00					e
Andromeda XXIV	127.7968	-16.2453	-128.2 ± 5.2	< 7.30					e
Andromeda XXV	119.1544	-15.8543	-107.7 ± 1.0	$3.70^{+1.20}_{-1.10}$	-1.90 ± 0.10				j
Andromeda XXVI	118.1451	-14.7025	$-261.6^{+3.0}_{-2.8}$	$8.60^{+2.80}_{-2.20}$					e
Andromeda XXVII	120.3590	-17.4149	$-539.6^{+4.7}_{-4.5}$	$14.80^{+4.30}_{-3.10}$					e
Andromeda XXVIII	91.0305	-22.9264	-331.1 ± 1.8	4.90 ± 1.60	-1.84 ± 0.15	0.65 ± 0.15			k,l
Andromeda XXIX	109.8016	-30.7738	-194.4 ± 1.5	5.70 ± 1.20	-1.90 ± 0.12	0.57 ± 0.11			k,l

Table 10 *continued on next page*

Table 10 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
Cassiopeia II	120.4624	-13.1535	$-139.8^{+36.0}_{-6.6}$	$11.80^{+7.70}_{-4.70}$					e
Cassiopeia III	120.4800	-11.2380	-371.6 ± 0.7	8.40 ± 0.60	-1.70 ± 0.10				m
IC 10	118.9727	-3.3413	-348.0 ± 1.0				-0.002 ± 0.008	0.020 ± 0.008	n,o
Lacerta I	101.0962	-16.7150	-198.4 ± 1.1	10.30 ± 0.90	-2.00 ± 0.10				m
LGS 3	126.7625	-40.8939	-286.5 ± 0.3	$7.90^{+5.30}_{-2.90}$					o
M 32	121.1499	-21.9764	-199.0 ± 6.0	92.00 ± 5.00					o
NGC 147	119.8159	-14.2536	-193.1 ± 0.8	16.00 ± 1.00			0.023 ± 0.014	0.038 ± 0.015	o,p
NGC 185	120.7919	-14.4838	-203.8 ± 1.1	24.00 ± 1.00			0.024 ± 0.014	0.006 ± 0.015	o,p
NGC 205	120.7178	-21.1378	-246.0 ± 1.0	35.00 ± 5.00					o
Pegasus V	101.4911	-25.6126							
Perseus I	147.8182	-15.5236	-326.0 ± 3.0	$4.20^{+3.60}_{-4.20}$	-2.00 ± 0.20				m
Pisces VII	131.3065	-35.9886							
Triangulum IV	132.2573	-31.2127							

NOTE—Citations: (a) Kirby et al. (2020) (b) Tollerud et al. (2012) (c) Ho et al. (2012) (d) Wojno et al. (2020) (e) Collins et al. (2013) (f) Warfield et al. (2023) (g) Kvasova et al. (2024) (h) Collins et al. (2020) (i) Collins et al. (2021) (j) Charles et al. (2023) (k) Slater et al. (2015) (l) Tollerud et al. (2013) (m) Martin et al. (2014) (n) Brunthaler et al. (2007) (o) McConnachie (2012) (p) Sohn et al. (2020)

Table 11. Properties of M31 dwarf galaxies

Name	$M_\star$ $M_\odot$	$M_{\rm dyn}(r_{1/2})$ $M_\odot$	$\Upsilon_{1/2}$	$M_{\rm HI}$ $M_\odot$	$M_{\rm HI}/M_\star$	Ref
Andromeda I	5.9×10^6	7.2×10^7	24.4	$< 8.1 \times 10^4$	< 0.01	a,b,c
Andromeda II	8.3×10^6	5.3×10^7	12.8	$< 4.6 \times 10^4$	$< 5.5 \times 10^{-3}$	d,a,b
Andromeda III	1.1×10^6	2.2×10^7	40.4	$< 5.8 \times 10^4$	< 0.05	a,b,c
Andromeda V	9.0×10^5	3.1×10^7	69.4	$< 7.7 \times 10^4$	< 0.09	a,b,c
Andromeda VI	5.7×10^6	5.7×10^7	20.2	$< 2.8 \times 10^4$	$< 4.9 \times 10^{-3}$	e,f,b
Andromeda VII	2.2×10^7	1.2×10^8	11.0	$< 7.7 \times 10^4$	$< 3.5 \times 10^{-3}$	f,b,c
Andromeda IX	4.8×10^5	4.5×10^7	1.9×10^2	$< 4.6 \times 10^4$	< 0.10	a,b,c
Andromeda X	1.4×10^5	7.3×10^6	1.0×10^2	$< 3.0 \times 10^4$	< 0.2	a,b,c
Andromeda XI	6.1×10^4	6.3×10^6	2.1×10^2	$< 4.8 \times 10^4$	< 0.8	e,a,b
Andromeda XII	7.3×10^4	$< 3.5 \times 10^6$	$< 1.7 \times 10^2$	$< 4.7 \times 10^4$	< 0.6	e,a,b
Andromeda XIII	8.7×10^4	3.7×10^6	85.4	$< 6.7 \times 10^4$	< 0.8	a,b,c
Andromeda XIV	4.9×10^5	8.0×10^6	32.8	$< 2.3 \times 10^4$	< 0.05	a,b,c
Andromeda XV	3.8×10^5	3.7×10^6	19.3	$< 5.9 \times 10^4$	< 0.2	a,b,c
Andromeda XVI	1.7×10^5	1.7×10^6	20.5	$< 2.3 \times 10^4$	< 0.1	a,b,c
Andromeda XVII	2.3×10^5	1.7×10^6	15.2	$< 4.6 \times 10^4$	< 0.2	e,a,b
Andromeda XVIII	7.9×10^5	2.2×10^7	54.6	$< 2.1 \times 10^5$	< 0.3	g,h,a,b
Andromeda XIX	1.8×10^6	1.2×10^8	1.4×10^2	$< 1.3 \times 10^5$	< 0.07	i,a,b
Andromeda XX	5.9×10^4	3.8×10^6	1.3×10^2	$< 5.4 \times 10^4$	< 0.9	e,a,b
Andromeda XXI	6.4×10^5	2.6×10^7	79.2	$< 6.0 \times 10^4$	< 0.09	j,a,b
Andromeda XXII	6.2×10^4	9.0×10^5	29.3	$< 2.7 \times 10^4$	< 0.4	e,a,b
Andromeda XXIII	1.4×10^6	4.2×10^7	61.5	$< 7.7 \times 10^4$	< 0.06	e,a,b
Andromeda XXIV	1.9×10^5	$< 2.2 \times 10^7$	$< 4.4 \times 10^2$	$< 4.1 \times 10^4$	< 0.2	e,a,b
Andromeda XXV	7.3×10^5	7.4×10^6	20.2	$< 2.5 \times 10^5$	< 0.3	k,a,b
Andromeda XXVI	4.2×10^4	1.3×10^7	6.0×10^2	$< 5.4 \times 10^4$	< 1	e,a,b
Andromeda XXVII	2.5×10^5	6.8×10^7	5.5×10^2	$< 9.0 \times 10^4$	< 0.4	e,b,l
Andromeda XXVIII	4.3×10^5	5.1×10^6	23.5	$< 2.2 \times 10^4$	< 0.05	g,b,m,n
Andromeda XXIX	3.2×10^5	7.3×10^6	46.2	$< 2.4 \times 10^4$	< 0.08	b,m,n

Table 11 *continued on next page*

Table 11 *(continued)*

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
Cassiopeia II	2.1×10^5	2.4×10^7	2.2×10^2	$< 2.7 \times 10^4$	< 0.1	e,a,b
Cassiopeia III	1.6×10^7	6.1×10^7	7.8	$< 8.2 \times 10^4$	$< 5.2 \times 10^{-3}$	o,b,p
IC 10	1.6×10^8			4.7×10^7	0.3	q,b
Lacerta I	5.2×10^6	5.1×10^7	19.7	$< 9.3 \times 10^4$	< 0.02	o,b,p
LGS 3	1.2×10^6	1.9×10^7	32.2	2.4×10^5	0.2	q,b
M 32	5.9×10^8	7.2×10^8	2.5	$< 1.7 \times 10^5$	$< 2.8 \times 10^{-4}$	q,b
NGC 147	1.5×10^8	1.2×10^8	1.7	$< 7.9 \times 10^4$	$< 5.4 \times 10^{-4}$	q,b
NGC 185	1.5×10^8	2.4×10^8	3.2	1.2×10^5	8.1×10^{-4}	q,b
NGC 205	6.9×10^8	5.1×10^8	1.5	4.1×10^5	6.0×10^{-4}	q,b
Pegasus V	5.7×10^4					r
Perseus I	6.0×10^5	4.5×10^6	14.9	$< 6.6 \times 10^4$	< 0.1	o,b,p
Pisces VII	4.3×10^4					s
Triangulum IV	6.2×10^4					t

NOTE—Citations: (a) Martin et al. (2016b) (b) Putman et al. (2021) (c) Tollerud et al. (2012) (d) Ho et al. (2012) (e) Collins et al. (2013) (f) McConnachie & Irwin (2006) (g) Higgs et al. (2021) (h) Kvasova et al. (2024) (i) Collins et al. (2020) (j) Collins et al. (2021) (k) Charles et al. (2023) (l) Richardson et al. (2011) (m) Slater et al. (2015) (n) Tollerud et al. (2013) (o) Martin et al. (2014) (p) Rhode et al. (2023b) (q) McConnachie (2012) (r) Collins et al. (2022) (s) Collins et al. (2024) (t) Ogami et al. (2024)

Table 12. Properties of Local Field dwarf galaxies

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
AGC249525		14:17:53.9	+17:32:46.0		Janesh et al. (2017)	Cand.	
					Rhode et al. (2023a)		
AGC268071		16:12:55.6	+14:20:45.3		Rhode et al. (2023a)	Cand.	
AGC749235	PGC5059199	12:24:09.9	+26:13:52.0				
DDO 44		07:34:11.5	+66:52:47.0	ngc 2403			
DDO 147	UGC07949	12:46:59.8	+36:28:35.0				
	PGC043129						
	KDG200						
	MCG +06-28-030						
ESO 274-001	PGC054392	15:14:13.5	-46:48:45.0	NGC 5128			
	RFGC2937						
	HIPASS J1514-46						
KKS53	PGC2815820	13:11:14.2	-38:54:22.0	NGC 5128	Karachentseva & Karachentsev (2000)		
	[KK2000] 53						
	Cen7						
NGC 4190	PGC039023	12:13:44.6	+36:38:00.0	NGC 4214			
	UGC07232						
	CGCG 187-024						
NGC 4214	NGC4228	12:15:39.2	+36:19:38.6				
	PGC039225						
	UGC07278						
	CGCG 187-032						
	MCG +06-27-042						
NGC 4163	UGC 7199	12:12:09.1	+36:10:09.0		Herschel (1789)		dIrr
	NGC 4167						
NGC 55		00:14:53.6	-39:11:48.0		Dunlop (1828)		Irr
NGC 300		00:54:53.5	-37:41:04.0	NGC 55	Dunlop (1828)		Sc

Table 12 *continued on next page*

Table 12 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
NGC 3109	DDO 236	10:03:06.9	-26:09:35.0		Herschel (1847)		dIrr
	UGCA 194						
NGC 6822	IC 4895	19:44:56.6	-14:47:21.0		Barnard (1884)		dIrr
	DDO 209						
	Barnard's Galaxy						
IC 5152		22:02:41.5	-51:17:47.0		Pickering & Stewart (1899)		dIrr
IC 4662	ESO 102-G014	17:47:08.8	-64:38:30.0		Lunt (1902)		dIrr
IC 1613	DDO 8	01:04:47.8	+02:07:04.0		Wolf (1906)		dIrr
	UGC 668						
IC 3104	ESO 020-G004	12:18:46.0	-79:43:34.0		Pickering (1908)		dIrr
	UKS 1215-794						
WLM	Wolf-Lundmark-Melotte	00:01:58.2	-15:27:39.0		Wolf (1909)		dIrr
	UGCA 444				Melotte (1926)		
	DDO 221						
	LEDA 143						
Leo A	Leo III	09:59:26.5	+30:44:47.0		Zwicky (1942)		dIrr
	UGC 5364						
	DDO 69						
	PGC 28868						
Sextans A	UGCA 205	10:11:00.8	-04:41:34.0		Zwicky (1942)		dIrr
	DDO 75						
GR 8	UGC 8091	12:58:40.4	+14:13:03.0		Reaves (1956)		dIrr
	VV 558						
	DDO 155						
Pegasus dIrr	UGC 12613	23:28:36.3	+14:44:35.0		Holmberg (1958)		dIrr/dSph
	DDO 216						
Sextans B	UGC 5373	10:00:00.1	+05:19:56.0		Holmberg (1958)		dIrr
	DDO 70						
Aquarius	DDO 210	20:46:51.8	-12:50:53.0		van den Bergh (1959)		dIrr/dSph
DDO 99	UGC 6817	11:50:53.0	+38:52:49.0		van den Bergh (1959)		dIrr

Table 12 *continued on next page*

Table 12 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
DDO 113	UGCA 276	12:14:57.9	+36:13:08.0	NGC 4214	van den Bergh (1959)		dIrr
	KDG 90						
DDO 125	UGC 7577	12:27:40.9	+43:29:44.0		van den Bergh (1959)		dIrr
DDO 190	UGC 9240	14:24:43.4	+44:31:33.0		van den Bergh (1959)		dIrr
UGC 4879	VV 124	09:16:02.2	+52:50:24.0		Kopylov et al. (2008)		dIrr/dSph
					Vorontsov-Velyaminov (1959)		
UGC 9128	DDO 187	14:15:56.5	+23:03:19.0		van den Bergh (1959)		dIrr
	CGCG 133-019						
	MCG +04-34-009						
	PGC050961						
UGC 8508		13:30:44.4	+54:54:36.0		Vorontsov-Vel'Yaminov & Krasnogorskaya (1962)		dIrr
UGCA 86	VIIZw009	03:59:48.3	+67:08:19.0	ic 0342	Nilson (1974)		dIrr
Phoenix		01:51:06.0	-44:26:42.0		Schuster & West (1976)		dIrr/dSph
					Canterna & Flower (1977)		
Sagittarius dIrr	UKS 1927-177	19:29:59.0	-17:40:51.0		Cesarsky et al. (1977)		dIrr
					Longmore et al. (1978)		
UKS 2323-326	UGCA 438	23:26:27.5	-32:23:20.0	NGC 55	Longmore et al. (1978)		dIrr
	ESO407-018						
	MCG -05-55-012						
	PGC071431						
ESO 006-001		08:19:23.3	-85:08:44.0		Lauberts (1982)		dIrr
ESO 294-G010		00:26:33.4	-41:51:19.0	NGC 55	Lauberts (1982)		dIrr/dSph
ESO 410-G005	UKS 0013-324	00:15:31.6	-32:10:48.0	NGC 55	Lauberts (1982)		dIrr/dSph
KKS 3	KKs3	02:24:44.4	-73:30:51.0		Corwin et al. (1985)		
	[KK2000] 03				Karachentseva & Karachentsev (2000)		
	PGC009140				Whiting et al. (2002)		
Tucana		22:41:49.6	-64:25:10.0		Lavery & Mighell (1992)		dSph
					Lavery (1990)		
					Corwin et al. (1985)		
Antlia		10:04:04.1	-27:19:52.0		Whiting et al. (1997)		dIrr

Table 12 *continued on next page*

Table 12 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
KK 258	ESO468-020	22:40:43.9	-30:47:59.0		Karachentseva & Karachentsev (1998)		
	[KK98]258						
	PGC069468						
KKR 25		16:13:48.0	+54:22:16.0		Karachentseva & Karachentsev (1998)		dIrr/dSph
					Karachentseva et al. (1999)		
					Karachentsev et al. (2001b)		
KKR 3	KK 230	14:07:10.5	+35:03:37.0		Karachentseva & Karachentsev (1998)		dIrr
	[KK98]230				Karachentseva et al. (1999)		
	PGC166185						
Cetus		00:26:11.0	-11:02:40.0		Whiting et al. (1999)		dSph
HIZSS 3A		07:00:29.3	-04:12:30.0		Henning et al. (2000)	Cand.	(d)Irr?
					Begum et al. (2005)		
HIZSS 3B		07:00:29.3	-04:12:30.0		Henning et al. (2000)	Cand.	(d)Irr?
					Begum et al. (2005)		
KKH 86		13:54:33.5	+04:14:35.0		Karachentsev et al. (2001a)		dIrr
KKH 98		23:45:34.0	+38:43:04.0		Karachentsev et al. (2001a)		dIrr
Leo T		09:34:53.4	+17:03:05.0		Irwin et al. (2007)		dIrr/dSph
Leo P		10:21:45.1	+18:05:17.0		Giovanelli et al. (2013)		dSph
Antlia B		09:48:56.1	-25:59:24.0	NGC 3109	Sand et al. (2015a)		
Tucana B		22:47:00.5	-58:24:27.0		Sand et al. (2022)		dSph
Leo K		09:24:06.1	+16:30:38.1		McQuinn et al. (2024)		
Leo M		11:05:21.4	+25:20:43.0		McQuinn et al. (2024)		dSph
NGC 55-dw1	DES J0015-3825	00:15:29.8	-38:25:08.4	NGC 55	McNanna et al. (2024)	Cand.	
Pavo		19:55:00.0	-61:04:20.5		Jones et al. (2023)		dIrr
Pegasus W		23:53:15.0	+22:06:07.1		McQuinn et al. (2023)		dIrr/dSph
Hedgehog	dw1322m2053	13:22:46.9	-20:53:55.9		Li et al. (2024)	Cand.	dSph

NOTE—

Table 13. Properties of Local Field dwarf galaxies

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
AGC249525	214.4746	17.5461					26.60	2089.3	19.7	$-6.9^{+0.1}_{-0.0}$	a
AGC268071	243.2317	14.3459					23.78	570.2	16.8	$-7.0^{+0.3}_{-0.1}$	a
AGC749235	186.0412	26.2311	0.12	0.78		44.3	27.16	2704.0	19.5	-7.7	b
Antlia	151.0171	-27.3311	1.20 ± 0.12	0.40 ± 0.04	135.0 ± 5.0	$355.3^{+40.7}_{-35.2}$	25.60 ± 0.07	$1318.3^{+43.2}_{-41.8}$	15.2	-10.4 ± 0.2	c,d
Antlia B	147.2337	-25.9900	0.72 ± 0.07	0.30 ± 0.05	4.0 ± 12.0	$237.3^{+26.8}_{-25.8}$	25.65 ± 0.10	$1349.0^{+63.6}_{-60.7}$	15.9	-9.8 ± 0.6	e,f
Aquarius	311.7158	-12.8481	1.63 ± 0.08	0.53 ± 0.05	96.6 ± 1.4	$321.2^{+27.0}_{-28.9}$	24.97 ± 0.09	$986.3^{+41.7}_{-40.0}$	14.5	-10.5 ± 0.1	g,c
Cetus	6.5458	-11.0444	3.20 ± 0.10	0.33 ± 0.06	63.0 ± 3.0	$574.4^{+37.1}_{-35.1}$	24.39 ± 0.07	$755.1^{+24.7}_{-24.0}$	13.2	-11.2 ± 0.2	c
DDO 44	113.5479	66.8797	0.74 ± 0.02	0.60		$636.1^{+27.4}_{-24.7}$	27.36 ± 0.07	$2964.8^{+97.1}_{-94.1}$	14.5	-12.9	h
DDO 99	177.7208	38.8803	0.90 ± 0.09	0.29 ± 0.01	70.0 ± 4.0	$569.0^{+71.7}_{-65.6}$	27.07 ± 0.14	$2594.2^{+172.8}_{-162.0}$	13.9	-13.2 ± 0.1	c
DDO 113	183.7413	36.2189	0.73 ± 0.03	0.37 ± 0.05	40.0 ± 2.0	$494.3^{+28.9}_{-28.3}$	27.35 ± 0.06	$2951.2^{+82.7}_{-80.4}$	15.2	-12.2 ± 0.1	i,c
DDO 125	186.9204	43.4956	1.04 ± 0.10	0.41 ± 0.01	-68.0 ± 4.0	$595.3^{+64.5}_{-55.5}$	27.06 ± 0.05	$2582.3^{+60.1}_{-58.8}$	12.7	-14.4 ± 0.3	c
DDO 147	191.7492	36.4764	1.45	0.21		1101.3	27.34 ± 0.08	$2937.6^{+110.2}_{-106.3}$	14.6	-12.8	j,b
DDO 190	216.1808	44.5258	0.64 ± 0.06	0.10 ± 0.02	82.0 ± 5.0	$493.3^{+42.9}_{-44.6}$	$27.23^{+0.02}_{-0.01}$	$2792.5^{+25.8}_{-12.8}$	12.8	-14.4 ± 0.1	c,d
ESO 006-001	124.8471	-85.1456	0.28 ± 0.03	0.11		$223.4^{+20.8}_{-23.0}$	27.16 ± 0.09	$2704.0^{+114.4}_{-109.8}$	14.8	-12.4	k
ESO 274-001	228.5563	-46.8125		0.90			27.18 ± 0.08	$2729.0^{+102.4}_{-98.7}$	9.0	-18.2	j,b
ESO 294-G010	6.6392	-41.8553	0.42 ± 0.04	0.37	57.0	$248.3^{+24.3}_{-26.0}$	26.54 ± 0.04	$2032.4^{+37.8}_{-37.1}$	15.3	-11.2 ± 0.3	c
ESO 410-G005	3.8817	-32.1800	0.50 ± 0.05	0.37	57.0	$279.3^{+29.3}_{-28.9}$	26.42 ± 0.04	$1923.1^{+35.8}_{-35.1}$	14.9	-11.5 ± 0.3	c
GR 8	194.6683	14.2175	0.32 ± 0.04	0.20 ± 0.05	61.0 ± 2.0	$182.1^{+25.9}_{-25.3}$	26.69 ± 0.12	$2177.7^{+123.7}_{-117.1}$	14.2	-12.5 ± 0.2	c
Hedgehog	200.6953	-20.8989	0.25 ± 0.01	0.22 ± 0.03		$154.4^{+12.2}_{-11.2}$	26.90 ± 0.10	$2398.8^{+113.1}_{-108.0}$	17.1	-9.8 ± 0.2	l
HIZSS 3A	105.1221	-4.2083					26.12 ± 0.14	$1674.9^{+111.5}_{-104.6}$			c
HIZSS 3B	105.1221	-4.2083					26.12 ± 0.14	$1674.9^{+111.5}_{-104.6}$			c
IC 1613	16.1992	2.1178	7.57 ± 0.05	0.20 ± 0.05	90.5 ± 1.0	$1436.6^{+59.4}_{-53.7}$	24.32 ± 0.05	$731.1^{+17.0}_{-16.6}$	9.2	-15.1 ± 0.1	g,c,m
IC 3104	184.6917	-79.7261	2.01	0.52 ± 0.02	45.0 ± 2.0	919.5	26.78 ± 0.18	$2269.9^{+196.2}_{-180.6}$	12.5	-14.3	c
IC 4662	266.7867	-64.6417	0.48 ± 0.05	0.27 ± 0.01	-69.0 ± 4.0	$289.3^{+38.2}_{-36.8}$	26.94 ± 0.17	$2443.4^{+199.0}_{-184.0}$	11.1	-15.8 ± 0.3	c
IC 5152	330.6729	-51.2964	0.97	0.38 ± 0.02	100.0 ± 2.0	433.2	26.45 ± 0.05	$1949.8^{+45.4}_{-44.4}$	10.6	-15.9	c
KK 258	340.1829	-30.7997	1.60	0.50		771.5	26.85 ± 0.07	$2344.2^{+76.8}_{-74.4}$	16.2	-10.6	n,o
KKH 86	208.6396	4.2431	0.28 ± 0.03	0.39 ± 0.01	-3.0 ± 1.0	$163.7^{+23.6}_{-20.5}$	27.06 ± 0.16	$2582.3^{+197.5}_{-183.4}$	17.1	-10.0 ± 0.3	c

Table 13 *continued on next page*

Table 13 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
KKH 98	356.3917	38.7178	0.64 ± 0.06	0.41 ± 0.01	-5.0 ± 1.0	$358.5^{+38.4}_{-34.0}$	27.01 ± 0.09	$2523.5^{+106.8}_{-102.5}$	15.2	-11.8 ± 0.3	c
KKR 25	243.4500	54.3711	0.40 ± 0.06	0.41 ± 0.02		$172.6^{+27.6}_{-26.0}$	26.42 ± 0.07	$1923.1^{+63.0}_{-61.0}$	15.9	-10.5 ± 0.2	p,c
KKR 3	211.7937	35.0603	0.36 ± 0.04	0.05 ± 0.01	0.0 ± 1.0	$225.4^{+27.0}_{-29.4}$	26.70 ± 0.12	$2187.8^{+124.3}_{-117.6}$	17.2	-9.5 ± 0.3	c
KKS 3	36.1850	-73.5142	2.45	0.60		954.8	26.63 ± 0.07	$2118.4^{+69.4}_{-67.2}$	15.3	-11.3	q,b
KKS53	197.8091	-38.9061	0.79	0.13		612.5	27.28 ± 0.07	$2857.6^{+93.6}_{-90.6}$	16.6	-10.7	j,b
Leo A	149.8604	30.7464	2.30 ± 0.09	0.42 ± 0.05	116.4 ± 6.1	$362.8^{+24.8}_{-21.5}$	24.28 ± 0.05	$717.8^{+16.7}_{-16.3}$	12.4	-11.9 ± 0.2	g,c
Leo K	141.0254	16.5106	0.64 ± 0.06	0.41 ± 0.01	$-69.0^{+16.0}_{-12.0}$	$61.5^{+11.1}_{-10.8}$	$23.19^{+0.08}_{-0.64}$	$434.5^{+16.3}_{-110.9}$	18.5	$-4.7^{+0.7}_{-0.4}$	r
Leo M	166.3393	25.3453	1.00 ± 0.04	0.61 ± 0.01	$-51.0^{+9.0}_{-7.0}$	$83.1^{+5.0}_{-4.9}$	$23.31^{+0.10}_{-0.09}$	$459.2^{+21.6}_{-18.6}$	17.5	$-5.8^{+0.1}_{-0.2}$	r
Leo P	155.4379	18.0881	1.20	0.52	335.0	392.2	26.05 ± 0.20	$1621.8^{+156.5}_{-142.7}$	16.8	-9.3 ± 0.2	s
Leo T	143.7225	17.0514	1.39 ± 0.20	0.12 ± 0.08	121.1 ± 34.7	$155.1^{+23.1}_{-24.1}$	23.08 ± 0.08	$413.0^{+15.5}_{-14.9}$	15.1	-8.0 ± 0.5	g,c
NGC 55	3.7233	-39.1967	$5.16^{+0.02}_{-0.20}$	0.83 ± 0.01	108.0 ± 2.0	$1193.0^{+78.3}_{-72.2}$	26.43 ± 0.12	$1932.0^{+109.8}_{-103.9}$	7.9	-18.5 ± 0.1	c
NGC 55-dw1	3.8740	-38.4190	$5.20^{+1.20}_{-0.80}$	$0.56^{+0.10}_{-0.12}$	$156.0^{+7.0}_{-8.0}$	$2177.1^{+582.3}_{-523.7}$	$26.71^{+0.12}_{-0.05}$	$2197.9^{+124.9}_{-50.0}$	18.7	$-8.0^{+0.5}_{-0.3}$	t
NGC 300	13.7229	-37.6844	5.00	0.83 ± 0.01	108.0 ± 2.0	1247.2	26.59 ± 0.06	$2079.7^{+58.3}_{-56.7}$	8.1	-18.5 ± 0.1	c
NGC 3109	150.7788	-26.1597	4.30 ± 0.10	0.82 ± 0.01	92.0 ± 1.0	$688.4^{+39.8}_{-35.3}$	25.57 ± 0.08	$1300.2^{+48.8}_{-47.0}$	10.7	-14.9 ± 0.1	c
NGC 4163	183.0379	36.1692	0.45 ± 0.05	0.30 ± 0.05	11.0 ± 2.0	$313.7^{+36.5}_{-37.5}$	27.28 ± 0.03	$2857.6^{+39.8}_{-39.2}$	13.2	-14.1 ± 0.3	c
NGC 4190	183.4358	36.6333	1.70	0.12		1283.6	27.21 ± 0.06	$2766.9^{+77.5}_{-75.4}$	13.4	-13.9	n,u
NGC 4214	183.9132	36.3274		0.22			27.25 ± 0.07	$2818.4^{+92.3}_{-89.4}$	9.6	-17.6	j,b
NGC 6822	296.2358	-14.7892	11.95 ± 0.07	0.28 ± 0.15	66.9 ± 14.9	$1646.7^{+172.2}_{-181.8}$	23.78 ± 0.05	$570.2^{+13.3}_{-13.0}$	8.1	-15.7 ± 0.2	g,c
Pavo	298.7499	-61.0724	1.25 ± 0.10	0.51 ± 0.08	131.0 ± 21.0	$500.9^{+83.2}_{-73.2}$	26.49 ± 0.23	$1986.1^{+221.9}_{-199.6}$	16.5	-10.0 ± 0.1	v
Pegasus dIrr	352.1513	14.7431	3.81 ± 0.05	0.56 ± 0.05	126.3 ± 0.3	$649.2^{+41.0}_{-37.9}$	24.74 ± 0.05	$887.2^{+20.7}_{-20.2}$	12.6	-12.1 ± 0.2	g,c,m
Pegasus W	358.3125	22.1020	0.38 ± 0.03	$0.17^{+0.07}_{-0.08}$	92.0 ± 3.0	$92.8^{+12.2}_{-11.3}$	$24.81^{+0.14}_{-0.22}$	$916.2^{+61.0}_{-88.3}$	17.6	-7.2 ± 0.2	w
Phoenix	27.7750	-44.4450	2.43 ± 0.02	0.30 ± 0.03	8.0 ± 4.0	$243.2^{+19.1}_{-20.0}$	$23.06^{+0.21}_{-0.12}$	$409.3^{+41.6}_{-22.0}$	13.2	-9.9 ± 0.4	x,y
Sagittarius dIrr	292.4958	-17.6808	1.13 ± 0.10	0.56 ± 0.18	86.9 ± 3.4	$258.1^{+55.8}_{-55.6}$	25.39 ± 0.08	$1196.7^{+44.9}_{-43.3}$	13.6	-11.8 ± 0.2	g,c
Sextans A	152.7533	-4.6928	2.47	0.17 ± 0.02	0.0 ± 1.0	905.7	25.70 ± 0.08	$1383.6^{+51.3}_{-49.4}$	11.5	-14.2 ± 0.1	z,c
Sextans B	150.0004	5.3322	1.06 ± 0.10	0.31 ± 0.03	110.0 ± 2.0	$356.3^{+33.5}_{-33.8}$	25.72 ± 0.06	$1393.2^{+36.4}_{-35.5}$	11.3	-14.4 ± 0.2	z,c
Tucana	340.4567	-64.4194	1.10 ± 0.20	0.48 ± 0.03	97.0 ± 2.0	$202.2^{+40.9}_{-36.9}$	24.74 ± 0.12	$887.2^{+50.4}_{-47.7}$	15.2	-9.5 ± 0.2	c
Tucana B	341.7521	-58.4075	0.20 ± 0.08	< 0.35		$80.8^{+39.2}_{-37.4}$	$25.75^{+0.55}_{-0.45}$	$1412.5^{+407.2}_{-264.4}$	18.9	$-6.9^{+0.5}_{-0.6}$	aa
UGC 4879	139.0092	52.8400	1.13 ± 0.10	0.43 ± 0.06	81.2 ± 6.5	$301.4^{+33.4}_{-30.4}$	25.43 ± 0.06	$1219.0^{+34.2}_{-33.2}$	13.2	-12.2 ± 0.2	g,c
UGC 8508	202.6850	54.9100	0.42 ± 0.04	0.45 ± 0.05	-60.0 ± 2.0	$234.3^{+24.7}_{-25.7}$	27.06 ± 0.03	$2582.3^{+35.9}_{-35.4}$	13.7	-13.4 ± 0.1	c
UGC 9128	213.9854	23.0553	0.64 ± 0.07	0.40 ± 0.05	46.0 ± 2.0	$320.8^{+36.9}_{-36.1}$	26.75 ± 0.02	$2238.7^{+20.7}_{-20.5}$	14.4	-12.3 ± 0.3	c,d

Table 13 *continued on next page*

Table 13 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
UGCA 86	59.9513	67.1386	0.94	0.32 ± 0.03	25.0 ± 1.0	668.5	27.36 ± 0.17	$2964.8^{+241.4}_{-223.3}$	14.2	-13.2	c
UKS 2323-326	351.6146	-32.3889	0.90 ± 0.10	0.10 ± 0.01	-60.0 ± 4.0	$551.6^{+68.3}_{-61.3}$	26.72 ± 0.09	$2208.0^{+93.4}_{-89.6}$	13.5	-13.2 ± 0.2	c
WLM	0.4925	-15.4608	4.10 ± 0.13	0.54 ± 0.06	177.0 ± 0.5	$752.8^{+55.1}_{-56.8}$	24.85 ± 0.05	$933.3^{+21.7}_{-21.2}$	10.6	-14.3 ± 0.1	g,c

NOTE—Citations: (a) Rhode et al. (2023a) (b) Karachentsev et al. (2013a) (c) McConnachie (2012) (d) Newman et al. (2024) (e) Hargis et al. (2020) (f) Sand et al. (2015a) (g) Higgs et al. (2021) (h) Carlin et al. (2019) (i) Garling et al. (2020) (j) Tully et al. (2009a) (k) Makarova et al. (2023) (l) Li et al. (2024) (m) Savino et al. (2022) (n) Karachentsev et al. (2004) (o) Karachentsev et al. (2014) (p) Karachentsev et al. (2001b) (q) Karachentsev et al. (2015b) (r) McQuinn et al. (2024) (s) McQuinn et al. (2015) (t) McNanna et al. (2024) (u) Tully et al. (2009b) (v) Jones et al. (2023) (w) McQuinn et al. (2023) (x) Battaglia et al. (2012) (y) van de Rydt et al. (1991) (z) Dalcanton et al. (2009) (aa) Sand et al. (2022)

Table 14. Properties of Local Field dwarf galaxies

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
AGC249525	11.7809	67.8767	48.0						a
AGC268071	28.2402	41.5225	109.0						a
AGC749235	219.7670	83.8428	288.0						b
Antlia	263.0971	22.3123	362.0 ± 2.0						c
Antlia B	259.4146	21.0783	375.5 ± 1.5	$8.00^{+1.60}_{-1.40}$					d
Aquarius	34.0491	-31.3432	$-141.8^{+1.8}_{-2.0}$	$7.80^{+1.80}_{-1.10}$	-1.44 ± 0.08	$0.34^{+0.07}_{-0.06}$			e
Cetus	101.4548	-72.8546	-83.9 ± 1.2	8.30 ± 1.00	-1.74 ± 0.06	0.42 ± 0.04			f,g
DDO 44	149.0987	28.9584							
DDO 99	166.1976	72.7452	251.0 ± 4.0						h
DDO 113	161.1016	78.0605	284.0 ± 6.0						h
DDO 125	137.7580	72.9422	194.9 ± 0.2						h
DDO 147	128.4088	80.6046	331.0						i
DDO 190	82.0085	64.4771	150.0 ± 4.0						h
ESO 006-001	297.9558	-25.2235	319.0 ± 57.0						j
ESO 274-001	326.8040	9.3341	522.0						i
ESO 294-G010	320.4157	-74.4176	106.9 ± 0.8						k
ESO 410-G005	357.8445	-80.7112	158.9 ± 1.9						k
GR 8	310.7375	76.9795	213.9 ± 2.5						l
Hedgehog	312.7045	41.3774							
HIZSS 3A	217.7081	0.0905	288.0 ± 2.5						h
HIZSS 3B	217.7081	0.0905	322.6 ± 1.4						h
IC 1613	129.7378	-60.5773	-231.6 ± 1.2	$10.80^{+1.00}_{-0.90}$	-1.19 ± 0.01	0.37	0.040 ± 0.020	0.010 ± 0.010	m,n,f
IC 3104	301.4140	-16.9508	429.0 ± 4.0						h
IC 4662	328.5486	-17.8497	302.0 ± 3.0						h
IC 5152	343.9191	-50.1919	122.0 ± 2.0						h
KK 258	17.7289	-61.2774	92.0 ± 5.0						o
KKH 86	339.0437	62.6026	287.2 ± 0.7						h

Table 14 *continued on next page*

Table 14 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
KKH 98	109.0931	-22.3774	-136.9 ± 1.0						h
KKR 25	83.8789	44.4084	-139.5 ± 1.0						h
KKR 3	63.7099	71.9922	63.3 ± 1.8						h
KKS 3	294.2352	-42.0020	316.0 ± 7.0		-1.90				p,q
KKS53	307.1403	23.8038							
Leo A	196.9036	52.4226	$26.2^{+1.0}_{-0.9}$	$9.00^{+0.80}_{-0.60}$	-1.60 ± 0.03	0.32 ± 0.03	-0.060 ± 0.090	$-0.060^{+0.090}_{-0.080}$	m,e
Leo K	214.2409	41.0616							
Leo M	211.1934	66.1891							
Leo P	219.6378	54.4352	260.8 ± 2.5						r
Leo T	214.8524	43.6609	38.1 ± 2.0	7.50 ± 1.60	-1.74 ± 0.04	0.54	$0.230^{+0.260}_{-0.370}$	-0.120 ± 0.220	m,n,s
NGC 55	332.8820	-75.7309	129.0 ± 2.0						h
NGC 55-dw1	334.3700	-76.4312							
NGC 300	299.2083	-79.4188	146.0 ± 2.0						h
NGC 3109	262.1018	23.0701	403.0 ± 2.0				-0.040 ± 0.030	-0.010 ± 0.030	m,h
NGC 4163	163.2045	77.7002	165.0 ± 5.0						h
NGC 4190	160.6200	77.5895	235.0						t
NGC 4214	160.2527	78.0742	293.0						i
NGC 6822	25.3513	-18.3892	-54.5 ± 1.7	23.20 ± 1.20	-1.05 ± 0.01	0.49	-0.060 ± 0.010	-0.070 ± 0.010	m,n,f
Pavo	335.8525	-31.1285							
Pegasus dIrr	94.7769	-43.5541	-179.5 ± 1.5	$12.30^{+1.20}_{-1.10}$	-1.39 ± 0.01	0.56	$0.150^{+0.130}_{-0.140}$	$0.070^{+0.120}_{-0.110}$	m,n,f
Pegasus W	105.5582	-38.7987							
Phoenix	272.1615	-68.9497	-21.2 ± 1.0	9.30 ± 0.70	-1.49 ± 0.04	0.51 ± 0.04	0.070 ± 0.030	-0.060 ± 0.040	m,u
Sagittarius dIrr	21.0534	-16.2859	-78.4 ± 1.6	$9.40^{+1.50}_{-1.10}$	-1.85 ± 0.07	$0.43^{+0.06}_{-0.05}$	$0.110^{+0.190}_{-0.180}$	-0.370 ± 0.170	m,e
Sextans A	246.1482	39.8755	324.0 ± 2.0				$-0.150^{+0.050}_{-0.040}$	$-0.030^{+0.040}_{-0.050}$	m,v
Sextans B	233.2001	43.7838	304.0 ± 1.0				-0.290 ± 0.160	-0.280 ± 0.170	m,w
Tucana	322.9083	-47.3694	180.0 ± 1.3	$6.20^{+1.60}_{-1.30}$	-1.58	0.39			x
Tucana B	328.9877	-51.9619							
UGC 4879	164.6652	42.8843	-29.2 ± 1.6	$9.60^{+1.30}_{-1.20}$	-1.43 ± 0.02	0.52	0.000 ± 0.110	-0.040 ± 0.090	m,n,f
UGC 8508	111.1411	61.3094	56.0 ± 5.0						h
UGC 9128	25.5732	70.4648	152.0 ± 1.0						h

Table 14 *continued on next page*

Table 14 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
UGCA 86	139.7625	10.6472	67.0 ± 4.0						h
UKS 2323-326	11.8670	-70.8589	62.0 ± 5.0						h
WLM	75.8637	-73.6244	-130.0 ± 1.0	17.50 ± 2.00			0.090 ± 0.030	-0.070 ± 0.020	m,y

NOTE—Citations: (a) Rhode et al. (2023a) (b) Karachentsev et al. (2013a) (c) Barnes & de Blok (2001) (d) Zoutendijk et al. (2021) (e) Kirby et al. (2017b) (f) Kirby et al. (2014) (g) Taibi et al. (2018) (h) McConnachie (2012) (i) Tully et al. (2009a) (j) Makarova et al. (2023) (k) Bouchard et al. (2005) (l) Young et al. (2003) (m) Battaglia et al. (2022) (n) Kirby et al. (2013b) (o) Karachentsev et al. (2014) (p) Karachentsev et al. (2015a) (q) Karachentsev et al. (2015b) (r) Bernstein-Cooper et al. (2014) (s) Simon & Geha (2007) (t) Tully et al. (2009b) (u) Kacharov et al. (2017) (v) Koribalski et al. (2004) (w) Hoffman et al. (1996) (x) Taibi et al. (2020) (y) Leaman et al. (2013)

Table 15. Properties of Local Field dwarf galaxies

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
AGC249525	9.6×10^4			6.9×10^6	72.3	a
AGC268071	1.1×10^5			2.0×10^5	1.9	a
AGC749235	2.0×10^5			1.2×10^6	5.8	b
Antlia	2.5×10^6			7.0×10^5	0.3	c,d,e
Antlia B	1.4×10^6	1.4×10^7	20.0	3.1×10^5	0.2	f,g
Aquarius	2.6×10^6	1.8×10^7	13.8	3.5×10^6	1.3	h,i,d,e
Cetus	5.1×10^6	3.7×10^7	14.4	$< 9.5 \times 10^4$	< 0.02	j,d,e
DDO 44	2.5×10^7					k
DDO 99	3.2×10^7					d
DDO 113	1.3×10^7					l,d
DDO 125	9.5×10^7					d
DDO 147	2.2×10^7			2.9×10^7	1.3	m,b
DDO 190	1.0×10^8					d
ESO 006-001	1.6×10^7			1.3×10^6	0.1	n
ESO 274-001	3.3×10^9			2.0×10^8	0.1	m,b
ESO 294-G010	5.4×10^6			3.3×10^5	0.1	o,d
ESO 410-G005	6.9×10^6			7.3×10^5	0.1	o,d,e
GR 8	1.7×10^7			1.1×10^7	0.6	d,p
Hedgehog	1.5×10^6			$< 9.9 \times 10^5$	< 0.7	q
HIZSS 3A				1.4×10^7	9.6	d,e
HIZSS 3B				2.6×10^6	1.8	d,e
IC 1613	1.9×10^8	1.6×10^8	1.6	6.1×10^7	0.3	h,j,d,e
IC 3104	8.9×10^7					d
IC 4662	3.7×10^8					d
IC 5152	3.8×10^8			8.7×10^7	0.2	d,e
KK 258	3.0×10^6					r,s
KKH 86	1.6×10^6					d

Table 15 *continued on next page*

Table 15 *(continued)*

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
KKH 98	9.1×10^6					d
KKR 25	2.8×10^6			$< 6.1 \times 10^5$	< 0.2	t,d,e
KKR 3	1.1×10^6					d
KKS 3	5.7×10^6			$< 5.0 \times 10^5$	< 0.09	u,v,b
KKS53	3.2×10^6			$< 1.3 \times 10^6$	< 0.4	m,b
Leo A	9.7×10^6	2.8×10^7	5.7	8.9×10^6	0.9	h,i,d,e
Leo K	1.3×10^4					w
Leo M	3.5×10^4					w
Leo P	8.7×10^5			9.4×10^5	1.1	x,y,e
Leo T	2.7×10^5	8.2×10^6	61.6	4.0×10^5	1.5	z,h,d,aa
NGC 55	4.4×10^9			1.3×10^9	0.3	d,ab
NGC 55-dw1	2.7×10^5					ac
NGC 300	4.3×10^9			1.8×10^9	0.4	d,ad
NGC 3109	1.5×10^8			4.5×10^8	3.0	d,e
NGC 4163	7.3×10^7					d
NGC 4190	5.9×10^7			2.9×10^7	0.5	r,ae
NGC 4214	2.0×10^9			2.8×10^8	0.1	m,b
NGC 6822	3.2×10^8	8.4×10^8	5.3	2.0×10^8	0.6	h,j,d,e
Pavo	1.7×10^6			$< 9.9 \times 10^5$	< 0.6	af
Pegasus dIrr	1.2×10^7	9.2×10^7	15.0	5.5×10^6	0.4	h,j,d,e
Pegasus W	1.3×10^5					ag
Phoenix	1.5×10^6	1.9×10^7	25.7	1.2×10^5	0.1	ah,ai,aj,ak
Sagittarius dIrr	8.9×10^6	2.1×10^7	4.8	1.1×10^7	1.2	h,i,d,e
Sextans A	8.2×10^7			7.2×10^7	0.9	al,d,e
Sextans B	1.0×10^8			4.9×10^7	0.5	am,d,e
Tucana	1.1×10^6	7.3×10^6	13.1	$< 8.5 \times 10^4$	< 0.08	d,e,an
Tucana B	9.8×10^4			$< 4.0 \times 10^5$	< 4	ao
UGC 4879	1.3×10^7	2.6×10^7	3.9	7.6×10^5	0.1	h,j,d,e
UGC 8508	3.8×10^7					d
UGC 9128	1.5×10^7					d

Table 15 *continued on next page*

Table 15 *(continued)*

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
UGCA 86	3.1×10^7					d
UKS 2323-326	3.3×10^7					d
WLM	8.6×10^7	2.2×10^8	5.0	6.1×10^7	0.7	h,ap,d,e

NOTE—Citations: (a) Rhode et al. (2023a) (b) Karachentsev et al. (2013a) (c) Barnes & de Blok (2001) (d) McConnachie (2012) (e) Putman et al. (2021) (f) Sand et al. (2015a) (g) Zoutendijk et al. (2021) (h) Higgs et al. (2021) (i) Kirby et al. (2017b) (j) Kirby et al. (2014) (k) Carlin et al. (2019) (l) Garling et al. (2020) (m) Tully et al. (2009a) (n) Makarova et al. (2023) (o) Bouchard et al. (2005) (p) Young et al. (2003) (q) Li et al. (2024) (r) Karachentsev et al. (2004) (s) Karachentsev et al. (2014) (t) Karachentsev et al. (2001b) (u) Karachentsev et al. (2015a) (v) Karachentsev et al. (2015b) (w) McQuinn et al. (2024) (x) Bernstein-Cooper et al. (2014) (y) McQuinn et al. (2015) (z) Adams & Oosterloo (2018) (aa) Simon & Geha (2007) (ab) Puche et al. (1991) (ac) McNanna et al. (2024) (ad) Westmeier et al. (2011) (ae) Tully et al. (2009b) (af) Jones et al. (2023) (ag) McQuinn et al. (2023) (ah) Battaglia et al. (2012) (ai) Kacharov et al. (2017) (aj) Young et al. (2007) (ak) van de Rydt et al. (1991) (al) Koribalski et al. (2004) (am) Hoffman et al. (1996) (an) Taibi et al. (2020) (ao) Sand et al. (2022) (ap) Leaman et al. (2013)

Table 16. Properties of Local Volume dwarf galaxies

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
LV J1157+5638 sat		11:57:53.0	+56:36:49.0	LV J1157+5638	Makarova et al. (2018)		
LV J1157+5638		11:57:53.9	+56:38:17.0				
MCG-04-31-038	HIPASS J1309-27	13:09:36.0	-27:08:26.0				dIrr
	PGC045628						
Pisces A	GALFA-Dw1	00:14:46.0	+10:48:47.0		Tollerud et al. (2015)		
					Sand et al. (2015b)		
Pisces B	GALFA-Dw2	01:19:11.7	+11:07:18.2		Tollerud et al. (2015)		
					Sand et al. (2015b)		
GALFA Dw3	GALFA 044.7+13.6+528	02:58:56.5	+13:37:45.4		Sand et al. (2015b)		
					Bennet et al. (2022b)		
GALFA Dw4	GALFA 086.4+10.8+611	05:45:44.7	+10:46:15.7		Sand et al. (2015b)		
					Bennet et al. (2022b)		
Donatiello I		01:11:40.4	+34:36:03.2		Martínez-Delgado et al. (2018)	Cand.	
Bedin 1		19:10:45.9	-59:55:02.3		Bedin et al. (2019)		dSph
Corvus A		12:14:45.6	-16:23:49.0		Jones et al. (2024)		
KKH 22	PGC2807114	03:44:56.6	+72:03:52.0	ic 342	Karachentsev et al. (2001a)		
	LEDA 2807114						
IKN		10:08:05.0	+68:25:16.1	M 81			dE
KDG 61	KK 81	09:57:03.2	+68:35:34.4	M 81			dIrr/dSph
	MAILYAN 047						
	PGC028731						
KDG 64	KK 85	10:07:02.0	+67:49:43.4	M 81	Karachentseva & Karachentsev (1998)		dSph
	MAILYAN 050						
	PGC029388						
	UGC05442						
BK5N	PGC029231	10:04:41.6	+68:15:24.8	M 81	Boerngen & Karachentseva (1982)		
F8D1		09:44:45.9	+67:26:27.7	M 81	Caldwell et al. (1998)		

Table 16 *continued on next page*

Table 16 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
d0926+70		09:26:27.9	+70:30:24.0	M 81	Chiboucas et al. (2009)		dIrr/dSph
d0934+70		09:34:03.7	+70:12:57.0	M 81	Chiboucas et al. (2009)		dSph
d0939+71		09:39:15.9	+71:18:42.0	M 81	Chiboucas et al. (2009)		
d0944+69		09:44:22.5	+69:12:40.0	M 81	Chiboucas et al. (2009)		
d0944+71		09:44:34.4	+71:28:55.6	M 81	Chiboucas et al. (2009)		
d0955+70		09:55:14.3	+70:24:24.2	M 81	Chiboucas et al. (2009)		dSph
d0958+66	KUG 0945+670	09:58:48.5	+66:50:59.0	M 81	Chiboucas et al. (2009)		BCD
	PGC 28826						
d0959+68		09:59:33.1	+68:39:25.0	M 81	Chiboucas et al. (2009)		dIrr/tdl
d1006+67		10:06:46.2	+67:12:04.0	M 81	Chiboucas et al. (2009)		dSph
d1014+68		10:14:54.7	+68:45:35.9	M 81	Chiboucas et al. (2009)		dSph
d1015+69		10:15:06.8	+69:02:11.6	M 81	Chiboucas et al. (2009)		dSph
d1028+70		10:28:39.7	+70:14:01.0	M 81	Chiboucas et al. (2009)		BCD
d1041+70		10:41:16.8	+70:09:03.0	M 81	Chiboucas et al. (2009)		dSph
UGC 5497	d1012+64	10:12:48.4	+64:06:27.0	M 81	Chiboucas et al. (2009)		BCD
	PGC 29735						
d1005+68		10:05:32.3	+68:14:17.3	M 81	Smercina et al. (2017)	Cand.	
d1006+69		10:06:55.5	+69:54:16.6	M 81	Okamoto et al. (2019)	Cand.	
d1009+68		10:09:14.3	+68:45:24.6	M 81	Okamoto et al. (2019)	Cand.	
dw0910+7326	Blobby	09:10:13.5	+73:26:19.2	M 81	Casey et al. (2023)	Cand.	
M81-dw J0954+6821		09:54:07.0	+68:21:50.8	M 81	Bell et al. (2022)	Cand.	
Leo I 09	M96-DF6	10:46:53.1	+12:44:33.5	m 096	Trentham & Tully (2002)		
	NGC 3384-DF6						
	PGC 4689210						
	Leo I 09						
dw1046+1244		10:46:46.0	+12:44:59.5	Leo I 09	Müller et al. (2023)		
M101 Dw9		13:55:44.8	+55:08:45.6	m 101	Bennet et al. (2017)		
					Bennet et al. (2019)		
M101 DwA		14:06:49.9	+52:44:29.8	m 101	Bennet et al. (2017)		
					Bennet et al. (2019)		

Table 16 *continued on next page*

Table 16 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
ESO 540-032	ESO 540-G032	00:50:24.3	-19:54:24.2	NGC 253			
	FG24						
	KK98-010						
	PGC002933						
NGC 247	ESO540-022	00:47:08.5	-20:45:37.4	NGC 253			
	PGC002758						
	UGCA011						
DDO 6	ESO540-031	00:49:49.2	-21:00:54.0	NGC 253	van den Bergh (1959)		
	HIPASS J0049-20						
	MCG -04-03-019						
	PGC002902						
	UGCA015						
KDG 2	ESO 540-G030	00:49:21.0	-18:04:31.5	NGC 253	Karachentseva (1968)		
	ESO 540-030				Karachentseva & Karachentsev (1998)		
	PGC002881						
	KK98-009						
Sculptor-dE1	Sc22	00:23:51.7	-24:42:18.0	NGC 253	Cote et al. (1997)		dE
	PGC3097727						
Scl-MM-Dw1		00:47:35.1	-26:23:23.0	NGC 253	Sand et al. (2014)		
Scl-MM-Dw2	NGC 253-dw2	00:50:17.1	-24:44:58.6	NGC 253	Toloba et al. (2016c)		
					Romanowsky et al. (2016)		
LV J0055-2310	GALEXASC J005501.01-231008.9	00:55:07.0	-23:12:22.0	NGC 253	Westmeier et al. (2017)		
	WOC2017-07				Karachentsev et al. (2021)		
Donatiello III		01:09:24.6	-27:20:49.5	NGC 253	Martínez-Delgado et al. (2021)		
					Mutlu-Pakdil et al. (2024)		
Donatiello IV		00:47:03.0	-21:40:50.6	NGC 253	Martínez-Delgado et al. (2021)		
					Mutlu-Pakdil et al. (2024)		
Scl-MM-Dw3	Donatiello II	00:47:07.1	-23:57:20.6	NGC 253	Martínez-Delgado et al. (2021)		
					Mutlu-Pakdil et al. (2022)		
dw0036m2828		00:36:30.7	-28:28:09.6	NGC 253	Carlsten et al. (2022)		

Table 16 *continued on next page*

Table 16 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
					Mutlu-Pakdil et al. (2024)		
Scl-MM-Dw4		00:53:49.1	-25:28:27.9	NGC 253	Mutlu-Pakdil et al. (2022)		
Scl-MM-Dw5		00:50:25.9	-26:43:38.1	NGC 253	Mutlu-Pakdil et al. (2022)		
Donatiello V		00:32:58.3	-23:16:45.1	NGC 253	Martinez-Delgado et al. (2024)	Cand.	
Donatiello VI		00:34:55.7	-21:59:41.3	NGC 253	Martinez-Delgado et al. (2024)	Cand.	
Donatiello VII		00:37:34.8	-29:28:44.8	NGC 253	Martinez-Delgado et al. (2024)	Cand.	
Donatiello VIII		00:40:34.9	-20:33:25.2	NGC 253	Martinez-Delgado et al. (2024)	Cand.	
Donatiello IX		00:42:42.2	-23:46:10.6	NGC 253	Martinez-Delgado et al. (2024)	Cand.	
NGC253-SNFC-dw1		00:48:39.7	-26:33:48.7	NGC 253	Okamoto et al. (2024)	Cand.	
MADCASH-1	MADCASH J074238+652501-dw	10:42:39.4	+65:25:00.0	ngc 2403	Carlin et al. (2016)		
					Carlin et al. (2021)		
MADCASH-2	MADCASH J121007+352635-dw	12:10:06.7	+35:26:34.6	NGC 4214	Carlin et al. (2021)		
LV J1228+4358		12:28:44.8	+43:58:06.0	ngc 4449			
AM 1320-230	PGC3097728	13:23:29.0	-23:23:35.0	NGC 5128			dE
ESO 269-066	KK190	13:13:09.2	-44:53:24.0	NGC 5128			
	[KK98]190						
	PGC045916						
ESO 325-011	PGC048738	13:45:00.0	-41:51:37.0	NGC 5128			S/Irr
	HIPASS J1345-41						
	ESO 325-G?011						
ESO 381-018	HIPASS J1244-35	12:44:42.0	-35:57:59.0	NGC 5128			dIrr
	PGC042936						
ESO 381-020	HIPASS J1246-33	12:46:00.0	-33:50:13.0	NGC 5128			dIrr
	PGC043048						
ESO 383-087	HIPASS J1349-36	13:49:17.0	-36:03:48.0	NGC 5128			S/Irr
	PGC049050						
ESO 384-016	PGC049615	13:45:04.0	-35:05:21.0	NGC 5128			dE/dIrr
ESO 443-009	KK 170	12:54:54.0	-28:20:27.0	NGC 5128	Karachentseva & Karachentsev (1998)		dIrr
	PGC043978						
KK 211	AM1339-445	13:42:05.5	-45:12:18.0	NGC 5128	Karachentseva & Karachentsev (1998)		

Table 16 *continued on next page*

Table 16 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
	[KK98]211						
	PGC048515						
KK 221	[KK98]221	13:48:46.4	-46:59:49.0	NGC 5128	Karachentseva & Karachentsev (1998)		
	PGC166179						
NGC 5011C	PGC045917	13:13:11.0	-43:15:55.0	NGC 5128	Saviane & Jerjen (2007)		dE, N
CenA-MM-Dw2	CenA-Dw-132956-415220	13:29:57.4	-41:52:23.7	NGC 5128	Crnojević et al. (2014)		
KK 182	Cen6	13:05:02.0	-40:04:58.0	NGC 5128	Karachentseva & Karachentsev (1998)		dIrr
	PGC166152						
KK 189	Centaurus A-dE1	13:12:45.0	-41:49:55.0	NGC 5128	Karachentseva & Karachentsev (1998)		dE
	PGC166158						
KK 196	PGC046663	13:21:47.1	-45:03:48.0	NGC 5128	Karachentseva & Karachentsev (1998)		dIrr?
KK 197	SGC1319.1-4216	13:22:01.8	-42:32:08.0	NGC 5128	Karachentseva & Karachentsev (1998)		dE,N
KK 200	AM1321-304	13:24:36.0	-30:58:18.0	NGC 5128	Karachentseva & Karachentsev (1998)		dE/dIrr
	PGC046885						
KK 203	PGC166167	13:27:28.1	-45:21:09.0	NGC 5128	Karachentseva & Karachentsev (1998)		
KK 213	PGC166172	13:43:35.8	-43:46:09.0	NGC 5128	Karachentseva & Karachentsev (1998)		
KK 218	Centaurus A-dE4	13:43:35.8	-43:46:09.0	NGC 5128	Karachentseva & Karachentsev (1998)		
	PGC166176						
KKs 51	PGC2815819	12:44:21.0	-42:56:23.0	NGC 5128	Karachentseva & Karachentsev (2000)		dE
KKs 54	Centaurus A-dE2	13:21:31.8	-31:53:09.8	NGC 5128	Jerjen et al. (2000a)		
	[KK2000] 54				Karachentseva & Karachentsev (2000)		
	PGC2815821						
KKs 55	[KK2000]55	13:22:12.4	-42:43:51.0	NGC 5128	Karachentseva & Karachentsev (2000)		
	PGC2815822						
KKs 57	[KK2000]57	13:41:38.1	-42:34:55.0	NGC 5128	Karachentseva & Karachentsev (2000)		
	PGC2815823						
KKs 58	Cen A-dE3	13:46:00.4	-36:19:42.5	NGC 5128	Jerjen et al. (2000a)		
	PGC2815824				Karachentseva & Karachentsev (2000)		
	[KK2000] 58						
HIPASS J1337-39	PGC592761	13:37:25.0	-37:53:48.0	NGC 5128	Koribalski et al. (2004)		dIrr

Table 16 *continued on next page*

Table 16 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
HIPASS J1348-37	PGC4614882	13:48:47.0	-37:58:29.0	NGC 5128	Doyle et al. (2005)		dIrr
CenA-MM-Dw1	CenA-Dw-133013-415321	13:30:14.3	-41:53:35.8	NGC 5128	Crnojević et al. (2014)		
CenA-MM-Dw3		13:30:20.4	-42:11:30.3	NGC 5128	Crnojević et al. (2016b)		
CenA-MM-Dw4	CenA-Dw-132302-414705	13:23:02.6	-41:47:08.9	NGC 5128	Crnojević et al. (2016b)		
CenA-MM-Dw5	CenA-Dw-131952-415938	13:19:52.4	-41:59:40.7	NGC 5128	Crnojević et al. (2016b)		
CenA-MM-Dw6	CenA-Dw-132557-410538	13:25:57.3	-41:05:37.1	NGC 5128	Crnojević et al. (2016b)		
CenA-MM-Dw7	CenA-Dw-132628-433318	13:26:28.5	-43:33:23.1	NGC 5128	Crnojević et al. (2016b)		
CenA-MM-Dw8		13:33:34.1	-41:36:29.0	NGC 5128	Crnojević et al. (2016b)	Cand.	
CenA-MM-Dw9		13:33:01.5	-42:31:49.0	NGC 5128	Crnojević et al. (2016b)	Cand.	
dw1325-33		13:25:41.0	-33:00:25.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1326-29		13:26:04.0	-29:24:16.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1326-35		13:26:44.0	-35:05:00.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1328-29		13:28:12.0	-29:28:45.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1329-32		13:29:58.0	-32:29:46.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1330-32		13:30:54.0	-32:18:21.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1330-33		13:30:04.0	-33:50:06.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1330-34		13:30:02.0	-34:00:14.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1334-32		13:34:05.0	-32:06:28.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1335-29		13:35:46.9	-29:42:22.4	NGC 5128	Müller et al. (2015)		
					Carrillo et al. (2017)		
dw1335-33		13:35:25.0	-33:18:00.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1336-32		13:36:33.0	-32:18:05.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1337-26		13:37:13.0	-26:48:10.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1337-33		13:37:02.0	-33:31:25.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1340-30		13:40:19.0	-30:21:35.0	NGC 5128	Müller et al. (2015)		
dw1341-33		13:41:13.0	-33:49:30.0	NGC 5128	Müller et al. (2015)	Cand.	
dw1240-42		12:40:02.0	-42:24:44.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1241-32		12:41:27.0	-42:53:45.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1243-42		12:43:13.0	-42:27:48.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1243-42b		12:43:11.0	-42:26:37.0	NGC 5128	Müller et al. (2017)	Cand.	

Table 16 *continued on next page*

Table 16 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
dw1251-40		12:51:56.0	-40:19:53.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1252-40		12:52:01.0	-40:21:55.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1252-43		12:52:25.0	-43:05:58.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1257-41		12:57:45.0	-41:22:52.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1258-37		12:58:29.0	-37:07:21.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1301-30		13:01:28.0	-30:06:43.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1302-40		13:02:49.0	-40:08:35.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1306-29		13:06:48.0	-29:53:30.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1314-28		13:14:02.0	-28:12:12.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1318-21		13:18:04.0	-21:53:06.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1321-27		13:21:08.0	-27:44:56.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1322-27		13:22:06.0	-27:34:45.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1322-39		13:22:37.4	-39:54:30.2	NGC 5128	Müller et al. (2017)		
dw1323-40a	dw1323-40	13:24:58.1	-40:45:43.9	NGC 5128	Müller et al. (2017)		
dw1323-40b		13:24:00.0	-40:50:12.1	NGC 5128	Müller et al. (2017)		
dw1326-37		13:26:22.0	-37:23:08.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1329-45		13:29:10.0	-45:10:31.0	NGC 5128	Müller et al. (2017)		
dw1330-38		13:30:41.0	-38:10:03.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1331-40		13:31:26.0	-40:15:47.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1336-44		13:36:44.0	-44:26:50.0	NGC 5128	Müller et al. (2017)		
dw1337-41		13:37:55.0	-41:54:11.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1341-43		13:41:41.3	-44:26:54.6	NGC 5128	Müller et al. (2017)		
dw1342-43		13:42:48.7	-43:51:22.0	NGC 5128	Müller et al. (2017)		
dw1343-34		13:43:49.0	-34:56:07.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1357-28		13:57:00.0	-28:55:15.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1401-32		14:01:25.0	-32:37:46.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1403-33		14:03:18.0	-33:24:14.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1406-29		14:06:41.0	-29:08:10.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1409-33		14:09:03.0	-33:49:40.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1410-34		14:10:47.0	-34:52:07.0	NGC 5128	Müller et al. (2017)	Cand.	

Table 16 *continued on next page*

Table 16 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
dw1413-34		14:13:08.0	-34:23:33.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1415-32		14:15:41.0	-32:34:21.0	NGC 5128	Müller et al. (2017)	Cand.	
dw1312-4218		13:12:22.5	-42:18:41.6	NGC 5128	Taylor et al. (2018)	Cand.	
dw1312-4244		13:12:10.9	-42:44:43.7	NGC 5128	Taylor et al. (2018)	Cand.	
dw1312-4246		13:12:10.2	-42:46:48.5	NGC 5128	Taylor et al. (2018)	Cand.	
dw1313-4211		13:13:34.3	-42:11:08.4	NGC 5128	Taylor et al. (2018)	Cand.	
dw1313-4214		13:13:36.4	-42:14:08.1	NGC 5128	Taylor et al. (2018)	Cand.	
dw1313-4246		13:12:42.9	-42:46:50.6	NGC 5128	Taylor et al. (2018)	Cand.	
dw1314-4142		13:14:44.8	-41:42:28.3	NGC 5128	Taylor et al. (2018)	Cand.	
dw1314-4204		13:14:08.2	-42:04:08.5	NGC 5128	Taylor et al. (2018)	Cand.	
dw1314-4230		13:14:21.9	-42:30:41.9	NGC 5128	Taylor et al. (2018)	Cand.	
dw1315-4232		13:15:03.0	-42:32:17.8	NGC 5128	Taylor et al. (2018)	Cand.	
dw1315-4309		13:15:34.0	-43:09:27.2	NGC 5128	Taylor et al. (2018)	Cand.	
dw1316-4224		13:16:42.3	-42:24:05.3	NGC 5128	Taylor et al. (2018)	Cand.	
dw1318-4233		13:18:05.6	-42:33:37.1	NGC 5128	Taylor et al. (2018)	Cand.	
dw1319-4203		13:19:21.3	-42:03:38.7	NGC 5128	Taylor et al. (2018)	Cand.	
CenA-MM-Dw10	CenA-MM17-Dw10	13:24:32.9	-44:44:07.1	NGC 5128	Crnojević et al. (2019)	Cand.	
CenA-MM-Dw11	CenA-MM17-Dw11	13:17:49.2	-42:55:36.8	NGC 5128	Crnojević et al. (2019)	Cand.	
	dw1317-4255				Taylor et al. (2018)		

NOTE—

Table 17. Properties of Local Volume dwarf galaxies

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
LV J1157+5638 sat	179.4708	56.6136	2.34 ± 0.05			101 ± 6	29.76 ± 0.11	8954^{+465}_{-442}	20.4	-9.4 ± 0.1	a
Bedin 1	287.6910	-59.9173	20.00	0.60	58.0	534	29.70 ± 0.13	8710^{+537}_{-506}	19.9	-9.8	b
Corvus A	183.6900	-16.3969	15.20 ± 0.50	0.30 ± 0.01	110.0 ± 10.0	214^{+16}_{-17}	$27.71^{+0.14}_{-0.16}$	3483^{+232}_{-247}	16.5	-11.2 ± 0.1	c
Donatiello I	17.9182	34.6009	28.80 ± 9.00	0.68 ± 0.01		261^{+82}_{-83}	27.60 ± 0.20	3311^{+319}_{-291}	19.3	-8.3 ± 0.3	d
GALFA Dw3	44.7354	13.6293	757.20 ± 72.00	0.54 ± 0.03	56.4 ± 1.7	18881^{+1875}_{-2013}	29.41 ± 0.08	7621^{+286}_{-276}	16.6	-12.8 ± 0.2	e
GALFA Dw4	86.4362	10.7710	409.20 ± 36.00	0.58 ± 0.05	100.4 ± 1.8	3942^{+503}_{-452}	27.46 ± 0.12	3105^{+176}_{-167}	15.7	-11.8 ± 0.2	e
LV J1157+5638	179.4746	56.6381	5.43 ± 0.03			242 ± 10	29.82 ± 0.09	9204^{+390}_{-374}	16.6	-13.3 ± 0.1	a
MCG-04-31-038	197.4000	-27.1406	14.30			607	29.71 ± 0.16	8750^{+669}_{-622}	14.3	-15.4	f,g
Pisces A	3.6917	10.8131	9.10 ± 0.10	0.34 ± 0.01	136.0 ± 1.3	203 ± 6	$28.76^{+0.05}_{-0.06}$	5649^{+132}_{-154}	17.2	-11.6 ± 0.1	h
Pisces B	19.7987	11.1217	10.37 ± 0.03	0.52 ± 0.01	139.0 ± 0.1	309^{+30}_{-26}	$29.75^{+0.19}_{-0.20}$	8913^{+815}_{-784}	16.9	-12.9 ± 0.2	h
KKH 22	56.2358	72.0644		0.48			27.47 ± 0.13	3119^{+192}_{-181}	15.3	-12.2 ± 0.1	i
BK5N	151.1733	68.2569	22.80 ± 1.20	0.26	125.4	410^{+27}_{-28}	27.84 ± 0.09	3698^{+157}_{-150}	16.7	-11.2 ± 0.6	j,k
F8D1	146.1915	67.4410	118.80 ± 0.60	0.12 ± 0.01	90.4 ± 5.1	1977^{+33}_{-29}	27.82 ± 0.03	3664^{+51}_{-50}	13.8	-14.0 ± 0.0	l
IKN	152.0208	68.4211	79.20 ± 0.60	0.10	174.6	1440 ± 17	27.87 ± 0.02	3750^{+35}_{-34}	13.6	-14.3 ± 0.5	k,g
KDG 61	149.2633	68.5929	81.60 ± 0.60	0.28	53.1	1450^{+16}_{-17}	27.82 ± 0.02	3664 ± 34	14.4	-13.4 ± 0.5	k,g
KDG 64	151.7583	67.8287	66.60 ± 1.80	0.35	22.3	1207^{+35}_{-33}	27.87 ± 0.02	3750^{+35}_{-34}	14.5	-13.3 ± 0.6	k,g
d0926+70	141.6163	70.5067	14.30	0.18	-23.9	214	$27.66^{+0.12}_{-0.15}$	3404^{+193}_{-227}	17.3	-10.4 ± 0.4	m,n
d0934+70	143.5154	70.2158	15.30	0.07	63.5	216	$27.40^{+0.70}_{-0.08}$	3020^{+1149}_{-109}	17.9	-9.5 ± 0.4	m,n
d0939+71	144.8162	71.3117	15.30	0.05	-80.9	271	$27.87^{+0.32}_{-0.22}$	3750^{+595}_{-361}	19.3	-8.6 ± 0.4	m,n
d0944+69	146.0938	69.2111	4.90	0.09	-9.7	86	$27.89^{+0.37}_{-0.19}$	3784^{+703}_{-317}	19.8	-8.1 ± 0.4	m,n
d0944+71	146.1432	71.4821	21.40 ± 0.40	0.11	3.6	349 ± 12	27.63 ± 0.06	3357^{+94}_{-91}	15.4	-12.2 ± 0.4	n
d0955+70	148.8096	70.4067	26.40 ± 1.20	0.07	178.9	441^{+71}_{-72}	$27.69^{+0.35}_{-0.31}$	3451^{+604}_{-459}	17.3	-10.4 ± 0.5	n,k
d0958+66	149.7021	66.8497	11.60	0.36	-6.9	172	27.91 ± 0.06	3819^{+107}_{-104}	15.2	-12.7 ± 0.4	m,n
d0959+68	149.8879	68.6569	26.60	0.10	35.1	510	28.10 ± 0.15	4169^{+298}_{-278}	17.3	-10.8 ± 0.4	m,n
d1005+68	151.3846	68.2381	18.00 ± 3.00	0.27	38.4	338^{+72}_{-65}	$28.00^{+0.20}_{-0.25}$	3981^{+384}_{-433}	19.9	-8.1 ± 0.6	k,o
d1006+67	151.6925	67.2011	18.10	0.05	86.1	311	$27.80^{+0.14}_{-0.12}$	3631^{+242}_{-195}	18.5	-9.3 ± 0.4	m,n
d1006+69	151.7312	69.9046	13.20 ± 1.80	0.20	110.0	276^{+42}_{-38}	28.18 ± 0.10	4325^{+204}_{-195}	19.3	-8.9 ± 0.4	k

Table 17 *continued on next page*

Table 17 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
d1009+68	152.3096	68.7568	23.40 ± 5.40	0.51	101.7	414^{+121}_{-104}	27.86 ± 0.29	3733^{+533}_{-467}	19.1	-8.7 ± 0.5	k
d1014+68	153.7279	68.7600	44.40 ± 2.40	0.20	115.2	824^{+89}_{-76}	$27.92^{+0.18}_{-0.20}$	3837^{+332}_{-338}	16.6	-11.3 ± 0.5	n,k
d1015+69	153.7783	69.0366	13.20 ± 2.40	0.24	103.5	247^{+44}_{-48}	$27.94^{+0.14}_{-0.12}$	3873^{+258}_{-208}	18.7	-9.2 ± 0.4	n,k
d1028+70	157.1654	70.2336	13.40	0.20	-54.8	223	27.92 ± 0.06	3837^{+108}_{-105}	15.8	-12.1 ± 0.4	m,n
d1041+70	160.3200	70.1508	10.90	0.18	26.0	177	$27.84^{+0.16}_{-0.14}$	3698^{+283}_{-231}	18.1	-9.7 ± 0.4	m,n
dw0910+7326	137.5560	73.4387	50.80 ± 1.40	0.10 ± 0.01	85.1 ± 15.0	742^{+105}_{-100}	27.53 ± 0.28	3206^{+441}_{-388}	15.7	-11.9 ± 0.3	p
M81-dw J0954+6821	148.5292	68.3641	4.47 ± 0.46	0.55 ± 0.10	25.0 ± 8.0	53 ± 8	27.78	3597	20.7	-7.1 ± 0.2	q
UGC 5497	153.2017	64.1075	13.90	0.15	17.0	229	27.83 ± 0.06	3681^{+103}_{-100}	14.9	-12.9 ± 0.4	m,n
Leo I 09	161.7212	12.7426	40.60 ± 1.40	0.29 ± 0.01		1689^{+78}_{-77}	$30.04^{+0.06}_{-0.07}$	10186 ± 300	16.6	-13.4 ± 0.1	r
dw1046+1244	161.6915	12.7499	4.20 ± 0.60			206^{+32}_{-28}	$30.04^{+0.06}_{-0.07}$	10186 ± 300	21.9	-8.1 ± 0.3	r,s
M101 Dw9	208.9367	55.1460	10.80 ± 2.40	< 0.37		381^{+85}_{-91}	29.33 ± 0.11	7338^{+388}_{-369}	21.0	-8.3 ± 0.2	t
M101 DwA	211.7079	52.7416	12.60 ± 1.20	0.33 ± 0.06		338^{+39}_{-37}	29.17 ± 0.08	6830^{+269}_{-259}	19.6	-9.6 ± 0.2	t
DDO 6	12.4550	-21.0150					$27.68^{+0.09}_{-0.10}$	3436^{+145}_{-155}	14.9	-12.8	u
Donatiello III	17.3524	-27.3471	12.60 ± 0.80	0.59 ± 0.01	-10.4 ± 1.6	132^{+11}_{-10}	27.64 ± 0.11	3373^{+175}_{-167}	18.7	-8.9 ± 0.1	v
Donatiello IV	11.7625	-21.6807	16.20 ± 2.10	0.40 ± 0.03	24.0 ± 3.7	234^{+55}_{-47}	27.98 ± 0.33	3945^{+647}_{-556}	19.4	-8.6 ± 0.3	v
Donatiello V	8.2430	-23.2792	9.00 ± 0.50	0.69 ± 0.01	34.0 ± 1.0	84 ± 6	27.70 ± 0.07	3467^{+114}_{-110}	20.3	-7.4 ± 0.0	w,x
Donatiello VI	8.7320	-21.9948	7.60 ± 0.10	0.53 ± 0.01	-44.0 ± 0.7	88 ± 3	27.70 ± 0.07	3467^{+114}_{-110}	19.5	-8.2 ± 0.0	w,x
Donatiello VII	9.3951	-29.4791	7.60 ± 0.30	0.47 ± 0.02	-57.0 ± 2.0	93 ± 5	27.70 ± 0.07	3467^{+114}_{-110}	20.4	-7.3 ± 0.0	w,x
Donatiello VIII	10.1454	-20.5570	24.00 ± 2.00	0.69 ± 0.01	12.9 ± 0.8	226^{+21}_{-19}	27.70 ± 0.07	3467^{+114}_{-110}	19.0	-8.7 ± 0.1	w,x
Donatiello IX	10.6760	-23.7696	15.50 ± 0.80	0.57 ± 0.01	-27.0 ± 2.0	171^{+11}_{-10}	27.70 ± 0.07	3467^{+114}_{-110}	19.8	-7.9 ± 0.0	w,x
ESO 540-032	12.6013	-19.9067					28.80 ± 0.03	5754^{+80}_{-79}	16.0	-12.8	u
KDG 2	12.3373	-18.0754					27.76 ± 0.04	3565^{+66}_{-65}	16.0	-11.8	u
LV J0055-2310	13.7792	-23.2061					27.79 ± 0.11	3614^{+188}_{-179}	17.7	-10.1	j,y
NGC 247	11.7856	-20.7604					27.85 ± 0.02	3715 ± 34	9.0	-18.9	u
NGC253-SNFC-dw1	12.1653	-26.5635	192.00 ± 9.60	0.06	104.8	3364^{+256}_{-264}	27.79 ± 0.12	3614^{+205}_{-194}	16.1	-11.7 ± 0.2	z
dw0036m2828	9.1278	-28.4693	18.38 ± 2.40	0.38 ± 0.90	56.0 ± 9.0	239^{+75}_{-98}	27.88 ± 0.20	3767^{+363}_{-331}	19.1	-8.8 ± 0.3	v
Scl-MM-Dw1	11.8964	-26.3897	18.80 ± 1.80	0.20 ± 0.07	133.0 ± 24.0	284^{+52}_{-51}	27.73 ± 0.33	3516^{+577}_{-496}	19.0	-8.8 ± 0.1	aa
Scl-MM-Dw2	12.5711	-24.7496	194.40 ± 30.60	0.66 ± 0.06	31.0 ± 3.0	1955^{+358}_{-366}	27.74 ± 0.07	3532^{+116}_{-112}	15.4	-12.4 ± 0.5	aa,ab
Scl-MM-Dw3	11.7795	-23.9557	6.60 ± 1.80	0.57 ± 0.12	70.0 ± 13.0	70^{+25}_{-21}	$27.70^{+0.09}_{-0.18}$	3467^{+147}_{-276}	20.5	$-7.2^{+0.3}_{-0.2}$	aa
Scl-MM-Dw4	13.4548	-25.4744	9.50 ± 2.60	0.43 ± 0.19	$80.0^{+0.0}_{-46.0}$	138^{+46}_{-45}	$28.07^{+0.09}_{-0.18}$	4111^{+174}_{-327}	20.8	$-7.3^{+0.3}_{-0.2}$	aa

Table 17 *continued on next page*

Table 17 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
Scl-MM-Dw5	12.6078	-26.7273	19.00 ± 5.20	0.66 ± 0.11	169.0 ± 7.0	203^{+75}_{-60}	$27.95^{+0.15}_{-0.10}$	3890^{+278}_{-175}	20.4	$-7.5^{+0.3}_{-0.2}$	aa
Sculptor-dE1	5.9654	-24.7050	1230.00			25673	28.17 ± 0.12	4305^{+245}_{-231}	16.7	-11.5	ac,ad
MADCASH-1	160.6642	65.4167	10.80 ± 1.00	0.25 ± 0.11	0.0 ± 19.0	153^{+20}_{-21}	27.66 ± 0.15	3404^{+243}_{-227}	19.9	-7.8 ± 0.2	ae
MADCASH-2	182.5281	35.4429	9.00 ± 0.50	0.19 ± 0.05	76.0 ± 11.0	118 ± 9	$27.39^{+0.09}_{-0.11}$	3006^{+127}_{-148}	18.2	-9.2 ± 0.1	ae
LV J1228+4358	187.1867	43.9683	67.00 ± 10.00	0.72 ± 0.06		699^{+125}_{-132}	28.05	4074	15.0	-13.0 ± 0.2	af,j
AM 1320-230	200.8708	-23.3931	12.80			304	28.45	4898	16.4	-12.0	j,f
CenA-MM-Dw1	202.5594	-41.8933	96.00 ± 1.80	0.22 ± 0.02	51.1 ± 6.1	1603^{+64}_{-59}	27.96 ± 0.07	3908^{+128}_{-124}	14.2	-13.8 ± 0.1	ag
CenA-MM-Dw2	202.4892	-41.8732	20.40 ± 1.80	< 0.17		410^{+44}_{-43}	28.09 ± 0.12	4150^{+236}_{-223}	18.4	-9.7 ± 0.2	ag
CenA-MM-Dw3	202.5852	-42.1917	132.60 ± 9.00	0.29 ± 0.19		2061^{+301}_{-317}	27.94 ± 0.09	3873^{+164}_{-157}	14.8	-13.1 ± 0.1	ah,ag
CenA-MM-Dw4	200.7607	-41.7858	19.80 ± 0.60	0.32 ± 0.05	-36.8 ± 4.3	320^{+29}_{-22}	28.06 ± 0.14	4093^{+273}_{-256}	18.2	-9.9 ± 0.2	ag
CenA-MM-Dw5	199.9684	-41.9946	10.80 ± 0.60	< 0.20		190^{+19}_{-20}	27.79 ± 0.19	3614^{+330}_{-303}	19.6	-8.2 ± 0.2	ag
CenA-MM-Dw6	201.4885	-41.0936	15.60 ± 0.60	0.25 ± 0.08	86.9 ± 9.5	264^{+23}_{-22}	28.03 ± 0.11	4036^{+210}_{-199}	18.9	-9.1 ± 0.2	ag
CenA-MM-Dw7	201.6190	-43.5564	30.00 ± 3.00	0.41 ± 0.08	-46.1 ± 6.5	455 ± 66	28.07 ± 0.15	4111^{+294}_{-274}	18.2	-9.9 ± 0.3	ag
CenA-MM-Dw8	203.3921	-41.6081	36.00 ± 3.60	0.26 ± 0.22		497^{+97}_{-106}	27.70 ± 0.20	3467^{+335}_{-305}	18.8	-8.9 ± 0.5	ah
CenA-MM-Dw9	203.2562	-42.5303	23.40 ± 1.20	0.13 ± 0.12		394^{+53}_{-45}	27.90 ± 0.20	3802^{+367}_{-335}	18.0	-9.9 ± 0.4	ah
CenA-MM-Dw10	201.1371	-44.7353	15.00 ± 3.60	< 0.27		236^{+67}_{-60}	27.57 ± 0.29	3266^{+467}_{-408}	19.8	-7.8 ± 1.2	ag
CenA-MM-Dw11	199.4550	-42.9269	19.80 ± 2.40	0.27 ± 0.21		275^{+58}_{-56}	27.73 ± 0.22	3516^{+375}_{-339}	18.3	-9.4 ± 0.6	ag
dw1240-42	190.0083	-42.4122	16.00			286	27.83 ± 0.03	3681 ± 51	16.9	-11.0	f,g
dw1241-32	190.3625	-42.8958	11.40			203	27.83 ± 0.03	3681 ± 51	18.1	-9.7	f,g
dw1243-42	190.8042	-42.4633	15.80			282	27.83 ± 0.03	3681 ± 51	17.4	-10.4	f,g
dw1243-42b	190.7958	-42.4436	7.40			132	27.83 ± 0.03	3681 ± 51	16.8	-11.0	f,g
dw1251-40	192.9833	-40.3314	6.50			116	27.83 ± 0.03	3681 ± 51	18.7	-9.1	f,g
dw1252-40	193.0042	-40.3653	16.70			298	27.83 ± 0.03	3681 ± 51	15.8	-12.1	f,g
dw1252-43	193.1042	-43.0994	8.11			145	27.83 ± 0.03	3681 ± 51	18.5	-9.3	f,g
dw1257-41	194.4375	-41.3811	24.00			428	27.83 ± 0.03	3681 ± 51	16.2	-11.6	f,g
dw1258-37	194.6208	-37.1225	22.00			393	27.83 ± 0.03	3681 ± 51	17.8	-10.0	f,g
dw1301-30	195.3667	-30.1119	14.80			264	27.83 ± 0.03	3681 ± 51	18.1	-9.7	f,g
dw1302-40	195.7042	-40.1431	20.60			368	27.83 ± 0.03	3681 ± 51	17.4	-10.4	f,g
dw1306-29	196.7000	-29.8917	10.90			195	27.83 ± 0.03	3681 ± 51	17.5	-10.3	f,g
dw1312-4218	198.0937	-42.3115	6.39 ± 0.66			114 ± 12	27.83 ± 0.03	3681 ± 51	20.3	-7.5	ai,g

Table 17 *continued on next page*

Table 17 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
dw1312-4244	198.0455	-42.7455	7.51 ± 1.32			134^{+25}_{-24}	27.83 ± 0.03	3681 ± 51	19.8	-8.1	ai,g
dw1312-4246	198.0424	-42.7801	6.23 ± 0.70			111^{+13}_{-12}	27.83 ± 0.03	3681 ± 51	18.5	-9.3	ai,g
dw1313-4211	198.3928	-42.1857	12.00 ± 0.96			213^{+18}_{-16}	27.83 ± 0.03	3681 ± 51	18.1	-9.7	ai,g
dw1313-4214	198.4017	-42.2356	9.69 ± 1.19			174^{+19}_{-21}	27.83 ± 0.03	3681 ± 51	18.3	-9.5	ai,g
dw1313-4246	198.1786	-42.7807	5.39 ± 0.65			96 ± 12	27.83 ± 0.03	3681 ± 51	19.9	-7.9	ai,g
dw1314-28	198.5083	-28.2033	18.10			323	27.83 ± 0.03	3681 ± 51	16.7	-11.1	f,g
dw1314-4142	198.6867	-41.7079	3.89 ± 0.25			69 ± 5	27.83 ± 0.03	3681 ± 51	20.1	-7.7	ai,g
dw1314-4204	198.5340	-42.0690	4.47 ± 0.30			80^{+6}_{-5}	27.83 ± 0.03	3681 ± 51	18.8	-9.1	ai,g
dw1314-4230	198.5914	-42.5116	5.92 ± 0.72			105^{+12}_{-11}	27.83 ± 0.03	3681 ± 51	18.9	-8.9	ai,g
dw1315-4232	198.7624	-42.5383	8.44 ± 1.78			148^{+32}_{-29}	27.83 ± 0.03	3681 ± 51	19.0	-8.9	ai,g
dw1315-4309	198.8915	-43.1576	6.05 ± 0.76			108^{+14}_{-13}	27.83 ± 0.03	3681 ± 51	20.5	-7.4	ai,g
dw1316-4224	199.1761	-42.4015	14.34 ± 2.01			255^{+39}_{-37}	27.83 ± 0.03	3681 ± 51	17.6	-10.3	ai,g
dw1318-21	199.5167	-21.8850	12.40			221	27.83 ± 0.03	3681 ± 51	16.9	-10.9	f,g
dw1318-4233	199.5233	-42.5603	16.78 ± 3.95			299^{+70}_{-68}	27.83 ± 0.03	3681 ± 51	18.7	-9.1	ai,g
dw1319-4203	199.8386	-42.0608	4.91 ± 0.40			87 ± 7	27.83 ± 0.03	3681 ± 51	18.7	-9.1	ai,g
dw1321-27	200.2833	-27.7489	22.30			398	27.83 ± 0.03	3681 ± 51	17.8	-10.0	f,g
dw1322-27	200.5250	-27.5792	18.20			325	27.83 ± 0.03	3681 ± 51	16.8	-11.0	f,g
dw1322-39	200.6558	-39.9084	20.70	0.50	120.8	209	$27.35^{+0.01}_{-0.06}$	2951^{+14}_{-80}	17.3	$-10.0^{+0.0}_{-0.1}$	f,aj
dw1323-40a	201.2421	-40.7622	15.20	0.10	18.8	261	$27.86^{+0.00}_{-0.19}$	3733^{+0}_{-313}	17.5	$-10.4^{+0.0}_{-0.2}$	f,aj
dw1323-40b	201.0000	-40.8367	17.10	0.64	168.1	194	$27.96^{+0.13}_{-0.62}$	3908^{+241}_{-971}	18.0	$-10.0^{+0.1}_{-0.6}$	f,aj
dw1325-33	201.4208	-33.0069	18.64			333	27.83 ± 0.03	3681 ± 51	17.9	-10.0	ak,g
dw1326-29	201.5167	-29.4044	13.67			244	27.83 ± 0.03	3681 ± 51	17.5	-10.4	ak,g
dw1326-35	201.6833	-35.0833	10.29			184	27.83 ± 0.03	3681 ± 51	17.7	-10.1	ak,g
dw1326-37	201.5917	-37.3856	10.20			182	27.83 ± 0.03	3681 ± 51	18.1	-9.7	f,g
dw1328-29	202.0500	-29.4792	12.88			230	27.83 ± 0.03	3681 ± 51	18.0	-9.9	ak,g
dw1329-32	202.4917	-32.4961	8.83			158	27.83 ± 0.03	3681 ± 51	16.2	-11.6	ak,g
dw1329-45	202.2917	-45.1753	9.90			139	$27.31^{+0.07}_{-0.11}$	2897^{+95}_{-143}	18.3	-9.0	f,aj
dw1330-32	202.7250	-32.3058	9.42			168	27.83 ± 0.03	3681 ± 51	17.8	-10.0	ak,g
dw1330-33	202.5167	-33.8350	6.30			112	27.83 ± 0.03	3681 ± 51	18.9	-8.9	ak,g
dw1330-34	202.5083	-34.0039	10.72			191	27.83 ± 0.03	3681 ± 51	17.7	-10.1	ak,g

Table 17 *continued on next page*

Table 17 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
dw1330-38	202.6708	-38.1675	20.10			359	27.83 ± 0.03	3681 ± 51	18.5	-9.3	f,g
dw1331-40	202.8583	-40.2631	10.40			186	27.83 ± 0.03	3681 ± 51	19.5	-8.3	f,g
dw1334-32	203.5208	-32.1078	38.32			684	27.83 ± 0.03	3681 ± 51	17.5	-10.4	ak,g
dw1335-29	203.9454	-29.7062	$27.00^{+5.00}_{-7.00}$	$0.40^{+0.14}_{-0.22}$	$19.0^{+8.0}_{-17.0}$	493^{+162}_{-138}	$28.50^{+0.30}_{-0.10}$	5012^{+743}_{-226}	18.5	-10.0 ± 0.4	al
dw1335-33	203.8542	-33.3000	39.37			703	27.83 ± 0.03	3681 ± 51	17.1	-10.7	ak,g
dw1336-32	204.1375	-32.3014	34.62			618	27.83 ± 0.03	3681 ± 51	16.6	-11.3	ak,g
dw1336-44	204.1833	-44.4472	8.07	0.33	81.0	112	$27.72^{+0.15}_{-0.19}$	3499^{+250}_{-293}	18.4	-9.3	f,aj
dw1337-26	204.3042	-26.8028	34.61			618	27.83 ± 0.03	3681 ± 51	17.0	-10.8	ak,g
dw1337-33	204.2583	-33.5236	25.51			455	27.83 ± 0.03	3681 ± 51	16.8	-11.1	ak,g
dw1337-41	204.4792	-41.9031	18.30			327	27.83 ± 0.03	3681 ± 51	18.3	-9.5	f,g
dw1340-30	205.0792	-30.3597	16.86			413	28.52 ± 0.03	5058^{+70}_{-69}	17.7	-10.8 ± 0.3	ak,am
dw1341-33	205.3042	-33.8250	35.43			632	27.83 ± 0.03	3681 ± 51	16.9	-10.9	ak,g
dw1341-43	205.4221	-44.4485	20.20	0.08	0.3	332	$27.74^{+0.00}_{-0.03}$	3532^{+0}_{-48}	17.7	-10.1 ± 0.0	f,aj
dw1342-43	205.7029	-43.8561	15.50	0.28	67.4	185	$27.31^{+0.01}_{-0.22}$	2897^{+13}_{-279}	17.5	$-9.8^{+0.0}_{-0.2}$	f,aj
dw1343-34	205.9542	-34.9353	18.90			337	27.83 ± 0.03	3681 ± 51	18.8	-9.0	f,g
dw1357-28	209.2500	-28.9208	15.60			278	27.83 ± 0.03	3681 ± 51	18.4	-9.4	f,g
dw1401-32	210.3542	-32.6294	16.80			300	27.83 ± 0.03	3681 ± 51	17.4	-10.4	f,g
dw1403-33	210.8250	-33.4039	18.80			336	27.83 ± 0.03	3681 ± 51	17.6	-10.2	f,g
dw1406-29	211.6708	-29.1361	21.10			377	27.83 ± 0.03	3681 ± 51	18.1	-9.8	f,g
dw1409-33	212.2625	-33.8278	20.00			357	27.83 ± 0.03	3681 ± 51	17.9	-9.9	f,g
dw1410-34	212.6958	-34.8686	17.70			316	27.83 ± 0.03	3681 ± 51	17.0	-10.9	f,g
dw1413-34	213.2833	-34.3925	10.60			189	27.83 ± 0.03	3681 ± 51	19.1	-8.8	f,g
dw1415-32	213.9208	-32.5725	9.20			164	27.83 ± 0.03	3681 ± 51	17.8	-10.0	f,g
ESO 269-066	198.2883	-44.8900	40.60			752	27.91	3819	14.0	-13.9	j,an,f
ESO 325-011	206.2500	-41.8603	46.10			761	27.66 ± 0.03	3404 ± 47	13.2	-14.5	f,g
ESO 381-018	191.1750	-35.9664	13.60			359	28.68 ± 0.05	5445^{+127}_{-124}	14.7	-14.0	f,g
ESO 381-020	191.5000	-33.8369	31.90			846	28.69 ± 0.05	5470^{+127}_{-125}	13.6	-15.1	f,g
ESO 383-087	207.3208	-36.0633	83.40			1290	27.52 ± 0.02	3192^{+30}_{-29}	10.4	-17.1	f,g
ESO 384-016	206.2667	-35.0892	16.70			363	28.26 ± 0.03	4487 ± 62	14.2	-14.1	f,g
ESO 443-009	193.7250	-28.3408	15.10			437	28.88 ± 0.10	5970^{+281}_{-269}	16.4	-12.5	f,g

Table 17 *continued on next page*

Table 17 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
HIPASS J1337-39	204.3542	-37.8967	10.60			261	28.53 ± 0.11	5082^{+264}_{-251}	16.1	-12.5	f,g
HIPASS J1348-37	207.1958	-37.9747	19.20			526	28.76 ± 0.06	5649^{+158}_{-154}	16.6	-12.2	f,g
KK 182	196.2583	-40.0828	15.00			432	28.87 ± 0.13	5943^{+367}_{-345}	15.5	-13.4	f,g
KK 189	198.1875	-41.8319	14.40			295	28.13 ± 0.09	4227^{+179}_{-172}	16.4	-11.8	f,g
KK 196	200.4462	-45.0633	960.00			18444	27.99 ± 0.06	3963^{+111}_{-108}	15.2	-12.8	f,g
KK 197	200.5075	-42.5356	44.40			826	27.92 ± 0.02	3837^{+36}_{-35}	15.0	-13.0	f,ao,g
KK 200	201.1500	-30.9717	21.10			487	28.39 ± 0.06	4764^{+133}_{-130}	14.8	-13.6	f,g
KK 203	201.8671	-45.3525	19.80			362	27.88 ± 0.14	3767^{+251}_{-235}	16.2	-11.7	ap,ao
KK 211	205.5230	-45.2050	21.80			389	27.83 ± 0.08	3681^{+138}_{-133}	15.5	-12.3	j,f,g
KK 213	205.8992	-43.7692	20.50			374	27.88 ± 0.11	3767^{+196}_{-186}	16.2	-11.7	f,g
KK 218	205.8992	-43.7692	17.00			407	28.47 ± 0.06	4943^{+138}_{-135}	16.8	-11.7	f,g
KK 221	207.1933	-46.9969	23.80			441	27.91 ± 0.04	3819^{+71}_{-70}	16.4	-11.5	ad,j,g
KKs 51	191.0875	-42.9397	12.70			222	27.78	3597	16.6	-11.2	j,f
KKs 54	200.3825	-31.8861	32.70	0.21	96.8	528	$27.87^{+0.01}_{-0.12}$	3750^{+17}_{-202}	17.5	-10.4 ± 0.1	ad,aj
KKs 55	200.5517	-42.7308	36.40			680	27.93 ± 0.04	3855^{+72}_{-70}	15.5	-12.4	f,g
KKs 57	205.4087	-42.5819	12.00			223	27.92 ± 0.25	3837^{+468}_{-417}	17.3	-10.6	ap,f
KKs 58	206.5017	-36.3285	26.40	0.14		398	$27.63^{+0.12}_{-0.01}$	3357^{+191}_{-15}	15.7	-11.9 ± 0.1	ad,aj
NGC 5011C	198.2958	-43.2653	25.40			460	27.86 ± 0.02	3733^{+35}_{-34}	13.4	-14.5	f,g

NOTE—Citations: (a) Makarova et al. (2018) (b) Bedin et al. (2019) (c) Jones et al. (2024) (d) Martínez-Delgado et al. (2018) (e) Bennet et al. (2022b) (f) Müller et al. (2017) (g) Tully et al. (2009b) (h) Tollerud et al. (2016) (i) Karachentsev et al. (2020) (j) Karachentsev et al. (2013b) (k) Okamoto et al. (2019) (l) Žemaitis et al. (2023) (m) Chiboucas et al. (2009) (n) Chiboucas et al. (2013) (o) Smercina et al. (2017) (p) Casey et al. (2023) (q) Bell et al. (2022) (r) Cohen et al. (2018) (s) Müller et al. (2023) (t) Bennet et al. (2019) (u) Jacobs et al. (2009) (v) Mutlu-Pakdil et al. (2024) (w) Martinez-Delgado et al. (2024) (x) Radburn-Smith et al. (2011) (y) Karachentsev et al. (2021) (z) Okamoto et al. (2024) (aa) Mutlu-Pakdil et al. (2022) (ab) Toloba et al. (2016c) (ac) Da Costa et al. (2009) (ad) Jerjen et al. (2000a) (ae) Carlin et al. (2021) (af) Garling et al. (2021) (ag) Crnojević et al. (2019) (ah) Crnojević et al. (2016b) (ai) Taylor et al. (2018) (aj) Müller et al. (2019) (ak) Müller et al. (2015) (al) Carrillo et al. (2017) (am) Müller et al. (2018) (an) Karachentsev et al. (2013a) (ao) Müller et al. (2021) (ap) Tully et al. (2009a)

Table 18. Properties of Local Volume dwarf galaxies

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
LV J1157+5638 sat	137.2558	59.0004							
Bedin 1	336.5637	-25.6033							
Corvus A	290.3170	45.5745	523.0 ± 2.0						a
Donatiello I	127.6509	-28.0854							
GALFA Dw3	164.1419	-38.8323	503.0 ± 35.0						b
GALFA Dw4	195.6607	-9.3217	607.0 ± 35.0						b
LV J1157+5638	137.2332	58.9788	416.3 ± 1.4						c
MCG-04-31-038	307.8995	35.5559	416.0 ± 1.0						d
Pisces A	108.5232	-51.0299	235.7 ± 0.6						e
Pisces B	133.8284	-51.1618	607.0 ± 35.0						f
KKH 22	135.4981	13.5689	30.0 ± 10.0						g
BK5N	142.3081	42.0483							
F8D1	144.6144	40.9494							
IKN	141.8750	42.1954							
KDG 61	142.5004	41.2831	221.0 ± 3.0						h
KDG 64	142.5889	42.4818	-18.4 ± 3.4	16.80 ± 0.10	-1.33 ± 0.26				i
d0926+70	142.2164	38.0075							
d0934+70	142.1434	38.7066							
d0939+71	140.6597	38.5061							
d0944+69	142.6574	39.9911							
d0944+71	140.1814	38.7682	-38.3 ± 9.8		$-1.30^{+0.30}_{-0.60}$				j
d0955+70	140.6781	40.0972							
d0958+66	144.2932	42.4158							
d0959+68	142.2544	41.4308							
d1005+68	142.2643	42.1219							
d1006+67	143.2891	42.8415							
d1006+69	140.4080	41.1897							

Table 18 *continued on next page*

Table 18 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
d1009+68	141.4323	42.0689							
d1014+68	140.9864	42.4628							
d1015+69	140.6859	42.2968							
d1028+70	138.4152	42.3422							
d1041+70	137.4242	43.1293							
dw0910+7326	139.6737	35.5541							
M81-dw J0954+6821	142.9545	41.1922							
UGC 5497	146.2244	45.1873	150.0 ± 50.0						k
Leo I 09	233.0114	57.5197							
dw1046+1244	232.9720	57.4986							
M101 Dw9	104.6815	59.6449							
M101 DwA	99.3045	60.7902							
DDO 6	119.3906	-83.8756	295.4 ± 5.0						l
Donatiello III	217.0942	-85.9995							
Donatiello IV	112.3100	-84.4617							
Donatiello V	74.5875	-84.3211							
Donatiello VI	85.8746	-83.6417							
Donatiello VII	354.4986	-86.1494							
Donatiello VIII	101.6733	-82.9763							
Donatiello IX	92.0419	-86.1057							
ESO 540-032	121.0018	-82.7746	227.7 ± 0.9						m
KDG 2	119.7801	-80.9344	223.5 ± 2.7						m
LV J0055-2310	135.1120	-85.9906	249.6 ± 5.0						l
NGC 247	113.9473	-83.5571	153.0 ± 5.0						l
NGC253-SNFC-dw1	75.1341	-89.1619							
dw0036m2828	9.9587	-86.4372							
Scl-MM-Dw1	73.3721	-88.8665							
Scl-MM-Dw2	116.6460	-87.6073							
Scl-MM-Dw3	105.6223	-86.6813							
Scl-MM-Dw4	140.9483	-88.2622							

Table 18 *continued on next page*

Table 18 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
Scl-MM-Dw5	93.6401	-89.5405							
Sculptor-dE1	52.7443	-83.3440							
MADCASH-1	141.7945	46.7166							
MADCASH-2	167.0584	77.8863							
LV J1228+4358	136.6560	72.5502	225.8 ± 16.0		-1.37 ± 0.41				n
AM 1320-230	312.3907	38.8894							
CenA-MM-Dw1	310.6219	20.3984							
CenA-MM-Dw2	310.5702	20.4265							
CenA-MM-Dw3	310.5911	20.1007							
CenA-MM-Dw4	309.2226	20.6996							
CenA-MM-Dw5	308.5696	20.5656							
CenA-MM-Dw6	309.9032	21.3104							
CenA-MM-Dw7	309.6291	18.8592							
CenA-MM-Dw8	311.3265	20.5759							
CenA-MM-Dw9	311.0516	19.6849							
CenA-MM-Dw10	309.0960	17.7398							
CenA-MM-Dw11	308.0565	19.6822							
dw1240-42	300.6862	20.4098							
dw1241-32	300.9863	19.9382							
dw1243-42	301.3146	20.3826							
dw1243-42b	301.3073	20.4021							
dw1251-40	303.0342	22.5403							
dw1252-40	303.0513	22.5063							
dw1252-43	303.1218	19.7719							
dw1257-41	304.2042	21.4750							
dw1258-37	304.4908	25.7279							
dw1301-30	305.5096	32.7096							
dw1302-40	305.2884	22.6766							
dw1306-29	306.8960	32.8618							
dw1312-4218	307.0592	20.3924							

Table 18 *continued on next page*

Table 18 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
dw1312-4244	306.9818	19.9631							
dw1312-4246	306.9762	19.9287							
dw1313-4211	307.3066	20.4980							
dw1313-4214	307.3087	20.4477							
dw1313-4246	307.0821	19.9195							
dw1314-28	308.9669	34.4035							
dw1314-4142	307.5874	20.9531							
dw1314-4204	307.4295	20.6044							
dw1314-4230	307.4300	20.1598							
dw1315-4232	307.5609	20.1212							
dw1315-4309	307.5963	19.4956							
dw1316-4224	307.8991	20.2265							
dw1318-21	311.0728	40.5654							
dw1318-4233	308.1521	20.0411							
dw1319-4203	308.4591	20.5112							
dw1321-27	310.9232	34.6617							
dw1322-27	311.2103	34.7992							
dw1322-39	309.4021	22.5712	656.3 ± 9.7		$-1.79^{+0.22}_{-0.13}$				o
dw1323-40a	309.7555	21.6649	450.0 ± 14.2		$-1.95^{+0.30}_{-0.14}$				o
dw1323-40b	309.5492	21.6163	497.0 ± 12.4		$-1.84^{+0.01}_{-0.32}$				o
dw1325-33	311.1638	29.3168							
dw1326-29	311.9133	32.8627							
dw1326-35	311.0478	27.2316							
dw1326-37	310.5785	24.9670							
dw1328-29	312.4437	32.7127							
dw1329-32	312.2798	29.6753							
dw1329-45	309.8775	17.1871							
dw1330-32	312.5413	29.8285							
dw1330-33	312.0423	28.3525							
dw1330-34	312.0021	28.1872							

Table 18 *continued on next page*

Table 18 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
dw1330-38	311.3689	24.0605							
dw1331-40	311.1458	21.9699							
dw1334-32	313.3464	29.9001							
dw1335-29	314.3129	32.1837							
dw1335-33	313.4000	28.6762							
dw1336-32	313.8924	29.6084							
dw1336-44	311.3923	17.6792							
dw1337-26	315.4115	34.9572							
dw1337-33	313.7265	28.3906							
dw1337-41	312.1196	20.1380							
dw1340-30	315.2788	31.3374							
dw1341-33	314.6207	27.9144							
dw1341-43	312.3023	17.5070	636.4 ± 14.1		$-1.79^{+0.03}_{-0.33}$				o
dw1342-43	312.6372	18.0454	510.3 ± 8.1		$-1.69^{+0.13}_{-0.19}$				o
dw1343-34	314.9328	26.7129							
dw1357-28	319.8250	31.7912							
dw1401-32	319.5896	27.9687							
dw1403-33	319.7465	27.1106							
dw1406-29	322.0981	30.9199							
dw1409-33	320.8652	26.3268							
dw1410-34	320.8564	25.2262							
dw1413-34	321.5384	25.5103							
dw1415-32	322.8070	27.0272							
ESO 269-066	306.9690	17.8115	784.0 ± 31.0						p
ESO 325-011	313.5024	19.9095	544.0 ± 1.0						q
ESO 381-018	301.4034	26.8854	624.5						r
ESO 381-020	301.6406	29.0212	589.0 ± 1.0						q
ESO 383-087	315.8401	25.3543	326.0 ± 2.0						s
ESO 384-016	315.1722	26.5047	561.0						d
ESO 443-009	303.8566	34.5247	645.0						d

Table 18 *continued on next page*

Table 18 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			mas yr^{-1}	mas yr^{-1}	
HIPASS J1337-39	312.8508	24.0879	492.0 ± 4.0						s
HIPASS J1348-37	315.2232	23.5245	582.4						r
KK 182	305.7506	22.7146	617.0 ± 4.0						s
KK 189	307.1782	20.8640	752.6 ± 4.0		-1.43 ± 0.07				o
KK 196	308.5426	17.4776	741.0						d
KK 197	308.9215	19.9801	642.7 ± 2.9		$-1.15^{+0.12}_{-0.01}$				o
KK 200	311.2570	31.3634	493.7						t
KK 203	309.5406	17.0564	305.9 ± 9.5		$-1.75^{+0.11}_{-0.28}$				o
KK 211	312.2146	16.7518							
KK 213	312.8020	18.1007							
KK 218	312.8020	18.1007							
KK 221	312.9878	14.7523							
KKs 51	301.5523	19.9130							
KKs 54	310.3489	30.5519	621.3 ± 10.6		$-1.81^{+0.07}_{-0.26}$				o
KKs 55	308.9295	19.7823	550.0 ± 23.7		$-1.14^{+0.04}_{-0.30}$				o
KKs 57	312.6935	19.3364	511.3 ± 16.8		$-1.90^{+0.07}_{-0.27}$				o
KKs 58	315.0599	25.2548	476.5 ± 5.2		$-1.49^{+0.07}_{-0.09}$				o
NGC 5011C	307.1271	19.4293	647.0 ± 96.0						u

Note—Citations: (a) Jones et al. (2024) (b) Sand et al. (2015b) (c) Makarova et al. (2018) (d) Karachentsev et al. (2013b) (e) Beale et al. (2020) (f) Tollerud et al. (2015) (g) Karachentsev et al. (2020) (h) Makarova et al. (2010) (i) Afanasiev et al. (2023) (j) Toloba et al. (2016b) (k) Chiboucas et al. (2009) (l) Westmeier et al. (2017) (m) Bouchard et al. (2005) (n) Toloba et al. (2016a) (o) Müller et al. (2021) (p) Jerjen et al. (2000b) (q) Kirby et al. (2012) (r) Doyle et al. (2005) (s) Koribalski et al. (2004) (t) Begum et al. (2008) (u) Saviane & Jerjen (2007)

Table 19. Properties of Local Volume dwarf galaxies

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
LV J1157+5638 sat	9.7×10^5					a
Bedin 1	1.4×10^6					b
Corvus A	5.2×10^6			3.9×10^6	0.8	c
Donatiello I	3.6×10^5			$< 3.9 \times 10^5$	< 1	d
GALFA Dw3	2.3×10^7			7.0×10^6	0.3	e,f,g
GALFA Dw4	8.7×10^6			1.2×10^6	0.1	e,f,g
LV J1157+5638	3.4×10^7					a
MCG-04-31-038	2.4×10^8			1.2×10^8	0.5	h,i
Pisces A	7.3×10^6			8.4×10^6	1.2	j,k
Pisces B	2.5×10^7			3.0×10^7	1.2	l,k
KKH 22	1.3×10^7			$< 2.2 \times 10^6$	< 0.2	m
BK5N	5.1×10^6					n
F8D1	6.7×10^7					o
IKN	8.9×10^7					n
KDG 61	4.0×10^7					p,n
KDG 64	3.7×10^7	2.6×10^8	13.8			q,n
d0926+70	2.5×10^6					r,s
d0934+70	1.1×10^6					r,s
d0939+71	4.7×10^5					r,s
d0944+69	3.0×10^5					r,s
d0944+71	1.3×10^7					s,t
d0955+70	2.4×10^6					n
d0958+66	2.1×10^7					r,s
d0959+68	3.6×10^6					r,s
d1005+68	3.1×10^5					n
d1006+67	9.0×10^5					r,s
d1006+69	6.3×10^5					n

Table 19 *continued on next page*

Table 19 *(continued)*

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
d1009+68	5.3×10^5					n
d1014+68	5.6×10^6					n
d1015+69	8.2×10^5					n
d1028+70	1.2×10^7					r,s
d1041+70	1.3×10^6					r,s
dw0910+7326	9.7×10^6					u
M81-dw J0954+6821	1.2×10^5					v
UGC 5497	2.5×10^7					r,s
Leo I 09	4.1×10^7					w
dw1046+1244	3.0×10^5					x
M101 Dw9	3.7×10^5					y
M101 DwA	1.2×10^6			$< 5.6 \times 10^5$	< 0.5	y
DDO 6	2.2×10^7			1.0×10^7	0.5	z
Donatiello III	6.3×10^5			$< 1.8 \times 10^6$	< 3	aa
Donatiello IV	4.8×10^5			$< 3.4 \times 10^6$	< 7	aa
Donatiello V	1.6×10^5					ab
Donatiello VI	3.3×10^5					ab
Donatiello VII	1.4×10^5					ab
Donatiello VIII	5.4×10^5					ab
Donatiello IX	2.6×10^5					ab
ESO 540-032	2.2×10^7			2.7×10^6	0.1	ac
KDG 2	9.0×10^6			9.8×10^5	0.1	ac
LV J0055-2310	1.9×10^6			4.3×10^6	2.3	h,z
NGC 247	6.0×10^9			2.0×10^9	0.3	z
NGC253-SNFC-dw1	8.2×10^6					ad
dw0036m2828	5.4×10^5			$< 1.6 \times 10^5$	< 0.3	aa
Scl-MM-Dw1	5.4×10^5			$< 2.9 \times 10^6$	< 5	ae,af
Scl-MM-Dw2	1.5×10^7			$< 1.5 \times 10^5$	$< 9.7 \times 10^{-3}$	ag
Scl-MM-Dw3	1.3×10^5			$< 2.8 \times 10^6$	< 21.0	ae
Scl-MM-Dw4	1.4×10^5			$< 4.0 \times 10^6$	< 29.0	ae

Table 19 *continued on next page*

Table 19 *(continued)*

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
Scl-MM-Dw5	1.7×10^5			$< 3.6 \times 10^6$	< 20.9	ae
Sculptor-dE1	6.8×10^6			$< 9.8 \times 10^4$	< 0.01	ac,ah
MADCASH-1	2.3×10^5			$< 7.1 \times 10^4$	< 0.3	ai
MADCASH-2	7.8×10^5			$< 4.9 \times 10^4$	< 0.06	ai
LV J1228+4358	2.8×10^7					aj,ak
AM 1320-230	1.1×10^7					i
CenA-MM-Dw1	5.7×10^7			$< 5.5 \times 10^6$	< 0.10	al
CenA-MM-Dw2	1.3×10^6			$< 6.2 \times 10^6$	< 5	al
CenA-MM-Dw3	3.0×10^7			$< 4.3 \times 10^6$	< 0.1	am,al
CenA-MM-Dw4	1.6×10^6			$< 5.1 \times 10^6$	< 3	al
CenA-MM-Dw5	3.3×10^5			$< 3.8 \times 10^6$	< 11.7	al
CenA-MM-Dw6	7.5×10^5			$< 4.6 \times 10^6$	< 6	al
CenA-MM-Dw7	1.6×10^6			$< 6.8 \times 10^6$	< 4	al
CenA-MM-Dw8	6.2×10^5			$< 2.3 \times 10^6$	< 4	am
CenA-MM-Dw9	1.6×10^6			$< 4.4 \times 10^6$	< 3	am
CenA-MM-Dw10	2.3×10^5			$< 4.0 \times 10^6$	< 17.7	al
CenA-MM-Dw11	9.8×10^5			$< 3.1 \times 10^6$	< 3	al
dw1240-42	4.2×10^6					i
dw1241-32	1.3×10^6					i
dw1243-42	2.5×10^6					i
dw1243-42b	4.3×10^6					i
dw1251-40	7.7×10^5					i
dw1252-40	1.2×10^7					i
dw1252-43	9.1×10^5					i
dw1257-41	7.5×10^6					i
dw1258-37	1.8×10^6					i
dw1301-30	1.3×10^6					i
dw1302-40	2.4×10^6					i
dw1306-29	2.2×10^6					i
dw1312-4218	1.7×10^5					an

Table 19 *continued on next page*

Table 19 *(continued)*

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
dw1312-4244	2.9×10^5					an
dw1312-4246	9.1×10^5					an
dw1313-4211	1.3×10^6					an
dw1313-4214	1.1×10^6					an
dw1313-4246	2.5×10^5					an
dw1314-28	4.8×10^6					i
dw1314-4142	2.0×10^5					an
dw1314-4204	7.2×10^5					an
dw1314-4230	6.3×10^5					an
dw1315-4232	6.0×10^5					an
dw1315-4309	1.5×10^5					an
dw1316-4224	2.2×10^6					an
dw1318-21	3.8×10^6					i
dw1318-4233	7.4×10^5					an
dw1319-4203	7.5×10^5					an
dw1321-27	1.7×10^6					i
dw1322-27	4.4×10^6					i
dw1322-39	1.8×10^6					i,ao,ap
dw1323-40a	2.4×10^6					i,ao,ap
dw1323-40b	1.7×10^6					i,ao,ap
dw1325-33	1.7×10^6					aq
dw1326-29	2.4×10^6					aq
dw1326-35	2.0×10^6					aq
dw1326-37	1.3×10^6					i
dw1328-29	1.5×10^6					aq
dw1329-32	7.7×10^6					aq
dw1329-45	6.6×10^5					i
dw1330-32	1.7×10^6					aq
dw1330-33	6.4×10^5					aq
dw1330-34	2.0×10^6					aq

Table 19 *continued on next page*

Table 19 *(continued)*

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
dw1330-38	9.4×10^5					i
dw1331-40	3.7×10^5					i
dw1334-32	2.4×10^6					aq
dw1335-29	1.7×10^6					ar
dw1335-33	3.4×10^6					aq
dw1336-32	5.6×10^6					aq
dw1336-44	9.0×10^5					i
dw1337-26	3.7×10^6					aq
dw1337-33	4.6×10^6					aq
dw1337-41	1.1×10^6					i
dw1340-30	3.5×10^6					aq,as
dw1341-33	3.9×10^6					aq
dw1341-43	1.8×10^6					i,ap
dw1342-43	1.4×10^6					i,ap
dw1343-34	6.7×10^5					i
dw1357-28	9.7×10^5					i
dw1401-32	2.6×10^6					i
dw1403-33	2.1×10^6					i
dw1406-29	1.4×10^6					i
dw1409-33	1.6×10^6					i
dw1410-34	3.8×10^6					i
dw1413-34	5.5×10^5					i
dw1415-32	1.8×10^6					i
ESO 269-066	6.2×10^7			$< 8.2 \times 10^4$	$< 1.3 \times 10^{-3}$	at,au,i
ESO 325-011	1.1×10^8			7.4×10^7	0.7	av,i
ESO 381-018	6.7×10^7			2.3×10^7	0.3	aw,i
ESO 381-020	1.9×10^8			2.4×10^8	1.2	av,i
ESO 383-087	1.2×10^9			6.6×10^7	0.1	ax,i
ESO 384-016	7.2×10^7			4.9×10^6	0.1	h,i
ESO 443-009	1.7×10^7			1.5×10^7	0.9	h,i

Table 19 *continued on next page*

Table 19 *(continued)*

Name	$M_\star$	$M_{\rm dyn}(r_{1/2})$	$\Upsilon_{1/2}$	$M_{\rm HI}$	$M_{\rm HI}/M_\star$	Ref
	$M_\odot$	$M_\odot$		$M_\odot$		
HIPASS J1337-39	1.6×10^7			4.0×10^7	2.4	ax,i
HIPASS J1348-37	1.2×10^7			1.9×10^7	1.5	aw,i
KK 182	3.9×10^7			4.2×10^7	1.1	ax,i
KK 189	8.7×10^6					i,ap
KK 196	2.3×10^7					h,i
KK 197	2.6×10^7					i,ap
KK 200	4.5×10^7			8.6×10^6	0.2	ay,i
KK 203	8.2×10^6					ap
KK 211	1.4×10^7					h,i
KK 213	8.0×10^6					i
KK 218	8.0×10^6					i
KK 221	6.9×10^6					ah,h
KKs 51	4.9×10^6					i
KKs 54	2.5×10^6					ah,ap
KKs 55	1.6×10^7					i,ap
KKs 57	3.0×10^6					i,ap
KKs 58	1.0×10^7					ah,ao,ap
NGC 5011C	1.1×10^8					i,az

NOTE—Citations: (a) Makarova et al. (2018) (b) Bedin et al. (2019) (c) Jones et al. (2024) (d) Martínez-Delgado et al. (2018) (e) Bennet et al. (2022b) (f) Sand et al. (2015b) (g) Saul et al. (2012) (h) Karachentsev et al. (2013b) (i) Müller et al. (2017) (j) Beale et al. (2020) (k) Tollerud et al. (2016) (l) Tollerud et al. (2015) (m) Karachentsev et al. (2020) (n) Okamoto et al. (2019) (o) Žemaitis et al. (2023) (p) Makarova et al. (2010) (q) Afanasiev et al. (2023) (r) Chiboucas et al. (2009) (s) Chiboucas et al. (2013) (t) Toloba et al. (2016b) (u) Casey et al. (2023) (v) Bell et al. (2022) (w) Cohen et al. (2018) (x) Müller et al. (2023) (y) Bennet et al. (2019) (z) Westmeier et al. (2017) (aa) Mutlu-Pakdil et al. (2024) (ab) Martinez-Delgado et al. (2024) (ac) Bouchard et al. (2005) (ad) Okamoto et al. (2024) (ae) Mutlu-Pakdil et al. (2022) (af) Sand et al. (2014) (ag) Toloba et al. (2016c) (ah) Jerjen et al. (2000a) (ai) Carlin et al. (2021) (aj) Garling et al. (2021) (ak) Toloba et al. (2016a) (al) Crnojević et al. (2019) (am) Crnojević et al. (2016b) (an) Taylor et al. (2018) (ao) Müller et al. (2019) (ap) Müller et al. (2021) (aq) Müller et al. (2015) (ar) Carrillo et al. (2017) (as) Müller et al. (2018) (at) Jerjen et al. (2000b) (au) Karachentsev et al. (2013a) (av) Kirby et al. (2012) (aw) Doyle et al. (2005) (ax) Koribalski et al. (2004) (ay) Begum et al. (2008) (az) Saviane & Jerjen (2007)

Table 20. Properties of globular clusters with dwarf galaxy hosts

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
And I-GC1		00:45:42.9	+38:01:53.8	Andromeda I	Grebel et al. (2000)		
					Caldwell et al. (2017)		
And XXV-GC1	Gep I	00:30:10.6	+46:51:05.6	Andromeda XXV	Cusano et al. (2016)	Cand.	
Aquarius-GC1		20:46:51.8	-12:50:53.0	Aquarius	Greggio et al. (1993)	Cand.	
CenA-MM-Dw1-GC1		13:30:10.3	-41:54:16.8	CenA-MM-Dw1	Crnojević et al. (2019)		
CenA-MM-Dw1-GC2		13:30:18.4	-41:53:27.1	CenA-MM-Dw1	Crnojević et al. (2019)		
CenA-MM-Dw1-GC3		13:30:12.1	-41:53:02.5	CenA-MM-Dw1	Crnojević et al. (2019)		
CenA-MM-Dw1-NSC		13:30:14.0	-41:53:31.3	CenA-MM-Dw1	Crnojević et al. (2019)		
CenA-MM-Dw3-NSC	H21-360500	13:30:20.8	-42:11:30.8	CenA-MM-Dw3	Crnojević et al. (2019)		
DDO 190-GC1	U9240-3-4557	14:24:45.0	+44:31:36.1	DDO 190	Sharina et al. (2005)		
					Forbes et al. (2024)		
Eri II-GC		03:44:22.4	-43:32:00.1	Eridanus II	Koposov et al. (2015a)		
					Crnojević et al. (2016a)		
ESO 006-001-GC		08:19:25.0	-85:08:29.2	ESO 006-001	Makarova et al. (2023)		GC
ESO 269-066-GC3		13:13:08.8	-44:53:22.6	ESO 269-066	Georgiev et al. (2009)		
F8D1-GC1		09:44:39.4	+67:26:05.9	F8D1	Caldwell et al. (1998)		
Fornax-GC2		02:38:44.1	-34:48:30.0	Fornax	Shapley (1938b)		
Fornax-GC3	NGC 1049	02:39:48.1	-34:15:30.0	Fornax	Shapley (1938b)		
	Hodge 3						
Fornax-GC4		02:40:07.6	-34:32:10.0	Fornax	Shapley (1938b)		
Fornax-GC6		02:40:06.9	-34:25:19.2	Fornax	Shapley (1938b)		
					Wang et al. (2019b)		
Fornax-GC1		02:37:01.9	-34:11:01.0	Fornax	Hodge (1961)		
Fornax-GC5		02:42:21.1	-34:06:07.0	Fornax	Hodge (1961)		
IKN-GC1	IKN-1	10:08:07.1	+68:23:36.7	IKN	Georgiev et al. (2009)		
IKN-GC2	IKN-2	10:08:10.8	+68:24:05.6	IKN	Georgiev et al. (2009)		
IKN-GC3	IKN-3	10:08:05.3	+68:24:33.8	IKN	Georgiev et al. (2009)		

Table 20 *continued on next page*

Table 20 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
IKN-GC4	IKN-4	10:08:04.8	+68:24:53.7	IKN	Georgiev et al. (2009)		
IKN-GC5	IKN-5	10:08:05.5	+68:24:58.0	IKN	Georgiev et al. (2009)		
KDG 61-GC1	KDG61-3-1325	09:57:02.8	+68:35:35.0	KDG 61	Sharina et al. (2005)		GC
KK 197-GC1	KK 197-01	13:21:59.8	-42:32:06.5	KK 197	Georgiev et al. (2009)		
KK 197-GC2	KK 197-02	13:22:02.0	-42:32:08.1	KK 197	Georgiev et al. (2009)		
	KK 197-NSC						
KK 197-GC3	KK 197-03	13:22:02.5	-42:32:13.8	KK 197	Georgiev et al. (2009)		
KK 211-GC-3-149		13:42:05.5	-45:12:18.0	KK 211	Sharina et al. (2005)		NSC
KK 211-GC-3-917		13:42:07.9	-45:12:28.8	KK 211	Sharina et al. (2005)		GC
KK 221-GC-24n		13:48:43.6	-46:58:59.0	KK 221			GC
KK 221-GC-27n		13:48:39.0	-46:59:49.0	KK 221			
KK 221-GC-2-1090		13:48:49.4	-47:00:14.0	KK 221	Sharina et al. (2005)		
KK 221-GC-2-608	KK 221-2-608	13:48:54.9	-47:00:10.1	KK 221	Sharina et al. (2005)		
KK 221-GC-2-883		13:48:52.8	-47:00:19.1	KK 221	Sharina et al. (2005)		
KK 221-GC-2-966		13:48:50.3	-47:00:10.1	KK 221	Sharina et al. (2005)		GC
KK 221-GC-3-1062		13:48:48.2	-46:59:46.0	KK 221	Sharina et al. (2005)	Cand.	
KKH 22-GC1		03:44:50.5	+72:03:56.4	KKH 22	Karachentsev et al. (2020)		
KKs 3-GC1		02:24:44.4	-73:30:51.0	KKS 3	Karachentsev et al. (2015b)		
KKs 55-GC1		13:22:12.4	-42:45:11.8	KKs 55	Georgiev et al. (2009)		
KKs 55-GC2		13:22:13.9	-42:44:05.0	KKs 55	Müller et al. (2021)		
KKs 58-NSC		13:46:00.8	-36:19:44.0	KKs 58	Fahrion et al. (2020)		
Hodge 4	SL 556	06:08:36.1	-73:50:07.9	LMC	Hodge (1960)		GC
	LW 237						
Hodge 6	SL 668	05:42:17.3	-71:35:27.5	LMC	Hodge (1960)		GC
	LW 274						
Hodge 11	SL 868	06:14:22.9	-69:50:50.6	LMC	Hodge (1960)		GC
	LW 437						
Hodge 301		05:38:17.3	-69:04:00.0	LMC			GC
NGC 1466	SL1	03:44:32.8	-71:40:15.5	LMC			GC
	LW1						

Table 20 *continued on next page*

Table 20 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
NGC 1651	SL 7	04:37:32.2	-70:35:10.8	LMC			GC
	LW 12						
NGC 1751	SL 89	04:54:12.0	-69:48:27.1	LMC			
NGC 1754	SL 91	04:54:18.9	-70:26:31.0	LMC			GC
NGC 1755	SL 99	04:55:15.3	-68:12:20.2	LMC			GC
NGC 1783	SL 148	04:59:09.0	-65:59:13.8	LMC			GC
NGC 1786	SL 149	04:59:08.0	-67:44:43.9	LMC			GC
NGC 1806	SL 184	05:02:11.0	-67:59:17.0	LMC			GC
NGC 1831	SL 227	05:06:16.4	-64:55:06.1	LMC			
	LW 133						
NGC 1835	SL 215	05:05:06.7	-69:24:14.8	LMC			GC
NGC 1841	ESO 4SC-15	04:45:22.7	-83:59:55.6	LMC	Shapley & Paraskevopoulos (1940)		GC
NGC 1846	SL 243	05:07:35.0	-67:27:39.0	LMC			GC
NGC 1850		05:08:45.2	-68:45:44.7	LMC			GC
NGC 1856	SL 271	05:09:30.1	-69:07:43.9	LMC			GC
NGC 1866	SL 319	05:13:38.6	-65:27:52.8	LMC			GC
	LW 163						
NGC 1898	SL 350	05:16:41.6	-69:39:24.1	LMC			GC
NGC 1916	SL 361	05:18:37.5	-69:24:25.0	LMC			GC
NGC 1928	SL 405	05:20:57.5	-69:28:41.6	LMC			GC
	HS 243						
NGC 1939	SL 414	05:21:26.4	-69:56:58.4	LMC			GC
NGC 1978	SL 501	05:28:44.7	-66:14:10.9	LMC			GC
NGC 2005	SL 518	05:30:10.1	-69:45:10.6	LMC			GC
NGC 2019	SL 554	05:31:56.0	-70:09:36.0	LMC			GC
NGC 2121	SL 725	05:48:13.2	-71:28:46.9	LMC			GC
	LW 303						
NGC 2155	SL 803	05:58:32.1	-65:28:38.6	LMC			GC
	LW 347						
NGC 2173	SL 807	05:57:58.4	-72:58:43.2	LMC			GC

Table 20 *continued on next page*

Table 20 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
	LW 348						
NGC 2203	SL 836	06:04:42.6	-75:26:16.1	LMC			GC
	LW 380						
NGC 2209	SL 849	06:08:36.1	-73:50:07.9	LMC			GC
	LW 408						
NGC 2210	SL 858	06:11:31.6	-69:07:18.7	LMC			GC
	LW 423						
NGC 2257	SL 895	06:30:12.4	-64:19:36.6	LMC			GC
	LW 481						
R 136		05:38:42.4	-69:06:03.4	LMC			GC
SL 075		06:13:27.3	-70:41:45.0	LMC		Cand.	
SL 639	M-OB3	05:39:39.6	-69:11:52.0	LMC			GC
SL 663		05:42:28.2	-65:21:50.2	LMC			
Reticulum	GLC 0435-59	04:36:11.0	-58:51:45.5	LMC	Sérsic (1974)		
	ESO 118-31						
	KMHK 10						
	Sersic 40/3						
NGC 147-Hodge II		00:33:13.6	+48:28:48.7	NGC 147	Baade (1944)		GC
					Hodge (1976)		
NGC 147-Hodge III		00:33:15.2	+48:27:23.1	NGC 147	Baade (1944)		GC
					Hodge (1976)		
NGC 147-Hodge I		00:33:12.2	+48:30:32.3	NGC 147	Hodge (1976)		GC
NGC 147-Hodge IV		00:33:15.0	+48:32:09.6	NGC 147	Hodge (1976)		GC
NGC 147-GC-SD5		00:32:22.9	+48:25:49.0	NGC 147	Sharina & Davoust (2009)		GC
NGC 147-GC-SD7		00:32:22.2	+48:31:27.0	NGC 147	Sharina & Davoust (2009)		GC
NGC 147-GC-SD10		00:32:47.2	+48:32:10.7	NGC 147	Sharina & Davoust (2009)		GC
NGC 147-PA-N147-2		00:33:43.3	+48:38:45.0	NGC 147	Veljanoski et al. (2013)		GC
NGC 147-PA-N147-3		00:34:10.0	+49:02:39.0	NGC 147	Veljanoski et al. (2013)		GC
NGC 147-PA-N147-1		00:32:35.3	+48:19:48.0	NGC 147	Veljanoski et al. (2013)		GC
NGC 185-FJJ V	Hodge 5	00:39:13.4	+48:23:04.9	NGC 185	Baade (1944)		GC

Table 20 *continued on next page*

Table 20 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
					Hodge (1974)		
NGC 185-FJJ I	Hodge 1	00:38:42.7	+48:18:40.4	NGC 185	Hodge (1974)		GC
					Ford et al. (1977)		
NGC 185-FJJ VIII		00:39:23.7	+48:18:45.1	NGC 185	Ford et al. (1977)		GC
NGC 185-PA-N185		00:38:18.8	+48:22:04.0	NGC 185	Veljanoski et al. (2013)		GC
NGC 185-FJJ II	Hodge 3	00:38:48.1	+48:18:15.9	NGC 185	Hodge (1974)		GC
					Ford et al. (1977)		
NGC 185-FJJ III	Hodge 4	00:39:03.8	+48:19:57.5	NGC 185	Hodge (1974)		GC
					Ford et al. (1977)		
NGC 185-FJJ IV		00:39:12.2	+48:22:48.2	NGC 185	Ford et al. (1977)		GC
NGC 185-FJJ VII		00:39:18.4	+48:23:03.6	NGC 185	Ford et al. (1977)		GC
NGC 205-NSC		00:40:22.1	+41:41:07.1	NGC 205			NSC
NGC 205-Hubble I	Hubble I	00:40:30.7	+41:36:55.7	NGC 205	Hubble (1932)		GC
NGC 205-Hubble II	Hubble II	00:40:31.9	+41:39:17.0	NGC 205	Hubble (1932)		GC
NGC 205-Hubble III	Hubble III	00:40:55.5	+41:41:26.2	NGC 205	Hubble (1932)		GC
NGC 205-Hubble IV	Hubble IV	00:40:24.5	+41:40:22.5	NGC 205	Hubble (1932)		GC
NGC 205-Hubble I	Hubble I	00:40:20.5	+41:40:49.6	NGC 205	Hubble (1932)		GC
NGC 205-Hubble VI	Hubble VI	00:40:26.2	+41:42:05.5	NGC 205	Hubble (1932)		GC
NGC 205-Hubble I	Hubble I	00:40:25.6	+41:42:53.5	NGC 205	Hubble (1932)		GC
NGC 205-Hubble I	Hubble I	00:39:55.3	+41:47:46.0	NGC 205	Hubble (1932)		GC
NGC 205-M31C-55	M31C-55	00:40:55.5	+41:41:26.2	NGC 205			GC
NGC 247-SC1		00:46:50.8	-20:39:05.1	NGC 247	Romanowsky et al. (2023)		
NGC 6822-Hubble VI	Hubble VI	19:44:54.6	-14:49:09.5	NGC 6822	Hubble (1925)		
NGC 6822-Hubble VII	Hubble VII	19:44:55.8	-14:48:56.2	NGC 6822	Hubble (1925)		
NGC 6822-Hubble VIII	Hubble VIII	19:44:58.2	-14:43:13.4	NGC 6822	Hubble (1925)		
NGC 6822-SC1	NGC 6822-C1	19:40:11.8	-15:21:47.3	NGC 6822	Hwang et al. (2011)		
NGC 6822-SC2	NGC 6822-C2	19:43:04.4	-14:58:21.5	NGC 6822	Hwang et al. (2011)		
NGC 6822-SC3	NGC 6822-C3	19:45:40.2	-14:49:25.0	NGC 6822	Hwang et al. (2011)		
NGC 6822-SC4	NGC 6822-C4	19:47:30.5	-14:26:49.3	NGC 6822	Hwang et al. (2011)		
NGC 6822-SC5		19:43:42.3	-14:41:59.7	NGC 6822	Huxor et al. (2013)	Cand.	

Table 20 *continued on next page*

Table 20 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
NGC 6822-SC6		19:45:37.0	-14:41:10.8	NGC 6822	Huxor et al. (2013)		
NGC 6822-SC7		19:46:00.9	-14:32:35.4	NGC 6822	Huxor et al. (2013)		
DDO 216-A1		23:28:26.3	+14:44:25.2	Pegasus dIrr	Hoessel & Mould (1982)		
					Cole et al. (2017)		
Scl-dE1-GC1		00:23:52.7	-24:41:58.0	Sculptor-dE1	Da Costa et al. (2009)		
Sextans A-GC1		10:10:43.8	-04:43:28.8	Sextans A	Pedreros & Gallart (2002)		
					Beasley et al. (2019)		
Sextans B-GC1	SexB-C1	10:00:04.6	+05:20:07.4	Sextans B	Sharina et al. (2007)		
Kron 3		00:24:46.6	-72:47:37.0	SMC			GC
Lindsay 1		00:03:54.4	-73:28:18.7	SMC			GC
NGC 152		00:32:56.5	-73:06:59.2	SMC			GC
NGC 330		00:56:18.2	-72:27:32.3	SMC			
NGC 339		00:57:46.6	-74:28:13.2	SMC			
NGC 411		01:07:56.0	-71:46:04.1	SMC			
NGC 416		01:07:59.2	-72:21:19.7	SMC			
NGC 419		01:08:17.6	-72:53:03.8	SMC			
NGC 121	ESO 050-SC 012	00:26:48.9	-71:32:09.4	SMC			
Ursa Major II-GC		08:51:29.3	+63:08:03.8	Ursa Major II	Zucker et al. (2006b)	Cand.	
					Eadie et al. (2022)		
WLM-GC1	WLM 1	00:01:49.5	-15:27:30.7	WLM	Humason et al. (1956)		

NOTE—Star clusters/globular clusters hosted by dwarf galaxies. Objects are sorted by host and discovery year and name.

Table 21. Properties of globular clusters with dwarf galaxy hosts

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
And I-GC1	11.4288	38.0316	1.14 ± 0.12			4 ± 0	24.45 ± 0.05	776 ± 18	20.1	-4.3 ± 0.1	a,b
And XXV-GC1	7.5441	46.8516	6.00			22	$24.38^{+0.07}_{-0.06}$	752^{+25}_{-20}	20.0	-4.4	c,b
Aquarius-GC1	311.7158	-12.8481					24.97 ± 0.09	986^{+42}_{-40}	20.1	-4.8	d,e
CenA-MM-Dw1-GC1	202.5428	-41.9047					27.96 ± 0.07	3908^{+128}_{-124}			f
CenA-MM-Dw1-GC2	202.5767	-41.8909					27.96 ± 0.07	3908^{+128}_{-124}			f
CenA-MM-Dw1-GC3	202.5503	-41.8840					27.96 ± 0.07	3908^{+128}_{-124}			f
CenA-MM-Dw1-NSC	202.5584	-41.8920					27.96 ± 0.07	3908^{+128}_{-124}			f
CenA-MM-Dw3-NSC	202.5869	-42.1919	0.25			5	27.94 ± 0.09	3873^{+164}_{-157}	18.4	-9.5	f,g
DDO 190-GC1	216.1875	44.5267	0.26	0.20		3	$27.23^{+0.02}_{-0.01}$	2793^{+26}_{-13}	20.0	-7.2 ± 0.1	h,i
Eri II-GC	56.0933	-43.5334	9.40 ± 0.60	$0.31^{+0.05}_{-0.06}$	75.0 ± 6.0	14 ± 1	22.84 ± 0.05	370^{+9}_{-8}	19.9	-2.9 ± 0.3	j,k
ESO 006-001-GC	124.8542	-85.1414	0.15			2	27.16 ± 0.09	2704^{+114}_{-110}	19.8	-7.4 ± 0.1	l
ESO 269-066-GC3	198.2868	-44.8896	0.13 ± 0.01	0.13		2 ± 0	27.91	3819	17.9	-10.0 ± 0.1	m,n
F8D1-GC1	146.1642	67.4350	0.47			8	27.82 ± 0.03	3664^{+51}_{-50}	21.7	-6.1 ± 0.1	o,p
Fornax-GC1	39.2579	-34.1836	17.81 ± 0.22			13 ± 0	20.84 ± 0.06	147 ± 4	15.3	-5.5 ± 0.3	q,r
Fornax-GC2	39.6838	-34.8083	13.96 ± 0.22			10 ± 0	20.78 ± 0.05	143 ± 3	13.6	-7.2 ± 0.3	q,r
Fornax-GC3	39.9504	-34.2583	7.15 ± 0.17			5 ± 0	20.76 ± 0.06	142 ± 4	12.9	-7.9 ± 0.3	q,r
Fornax-GC4	40.0317	-34.5361	6.94 ± 0.38			5 ± 0	20.74 ± 0.05	141 ± 3	13.8	-7.0 ± 0.6	s,q
Fornax-GC5	40.5879	-34.1019	6.59 ± 0.28			5 ± 0	20.80 ± 0.05	145 ± 3	13.6	-7.2 ± 0.5	q,r
Fornax-GC6	40.0288	-34.4220	16.80 ± 1.98	0.41 ± 0.10	$13.1^{+10.4}_{-7.3}$	9 ± 1	20.77 ± 0.05	143 ± 3	16.0	-4.7 ± 0.4	t,u
IKN-GC1	152.0298	68.3935	0.36 ± 0.02	0.13		7 ± 0	27.87 ± 0.02	3750^{+35}_{-34}	21.2	-6.7 ± 0.1	m,v
IKN-GC2	152.0450	68.4016	0.20 ± 0.01	0.14		4 ± 0	27.87 ± 0.02	3750^{+35}_{-34}	20.7	-7.2 ± 0.1	m,v
IKN-GC3	152.0219	68.4094	0.81 ± 0.05	0.13		15 ± 1	27.87 ± 0.02	3750^{+35}_{-34}	21.1	-6.8 ± 0.1	m,v
IKN-GC4	152.0200	68.4149	0.11 ± 0.01	0.18		2 ± 0	27.87 ± 0.02	3750^{+35}_{-34}	20.5	-7.4 ± 0.1	m,v
IKN-GC5	152.0230	68.4161	0.16 ± 0.01	0.12		3 ± 0	27.87 ± 0.02	3750^{+35}_{-34}	19.4	-8.5 ± 0.1	m,v
KDG 61-GC1	149.2617	68.5931	0.27			5	27.82 ± 0.02	3664 ± 34	20.2	-7.6 ± 0.1	i,v
KK 197-GC1	200.4992	-42.5351	0.10 ± 0.01	0.01		2 ± 0	27.92 ± 0.02	3837^{+36}_{-35}	22.2	-5.7 ± 0.1	m,v
KK 197-GC2	200.5083	-42.5356	0.16 ± 0.01	0.11		3 ± 0	27.92 ± 0.02	3837^{+36}_{-35}	18.1	-9.8 ± 0.1	m,v

Table 21 *continued on next page*

Table 21 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
KK 197-GC3	200.5104	-42.5372	0.14 ± 0.01	0.07		3 ± 0	27.92 ± 0.02	3837^{+36}_{-35}	20.7	-7.2 ± 0.1	m,v
KK 211-GC-3-149	205.5230	-45.2050	0.35	0.20		6	27.83 ± 0.08	3681^{+138}_{-133}	19.9	-7.9 ± 0.1	i,v
KK 211-GC-3-917	205.5330	-45.2080	0.36	0.10		6	27.83 ± 0.08	3681^{+138}_{-133}	20.9	-6.9 ± 0.1	i,v
KK 221-GC-2-1090	207.2058	-47.0039	0.45	0.00		8	27.91 ± 0.04	3819^{+71}_{-70}	20.2	-7.7 ± 0.1	i,v
KK 221-GC-2-608	207.2287	-47.0028	0.26	0.10		5	27.91 ± 0.04	3819^{+71}_{-70}	20.0	-7.9 ± 0.1	i,v
KK 221-GC-2-883	207.2200	-47.0053	0.43	0.10		8	27.91 ± 0.04	3819^{+71}_{-70}	20.9	-7.0 ± 0.1	i,v
KK 221-GC-2-966	207.2096	-47.0028	0.29	0.00		5	27.91 ± 0.04	3819^{+71}_{-70}	18.2	-9.7 ± 0.1	i,v
KK 221-GC-24n	207.1817	-46.9831	0.26	0.10		5	27.91 ± 0.04	3819^{+71}_{-70}	20.4	-7.5	i,v
KK 221-GC-27n	207.1625	-46.9969	0.26	0.10		5	27.91 ± 0.04	3819^{+71}_{-70}	22.2	-5.7	i,v
KK 221-GC-3-1062	207.2008	-46.9961	0.47	0.30		7	27.91 ± 0.04	3819^{+71}_{-70}	21.9	-6.0 ± 0.1	i,v
KKH 22-GC1	56.2104	72.0657					27.47 ± 0.13	3119^{+192}_{-181}	20.4	-7.1 ± 0.0	w
KKs 3-GC1	36.1850	-73.5142	0.47 ± 0.02			5 ± 0	26.63 ± 0.07	2118^{+69}_{-67}	18.3	-8.3 ± 0.0	x
KKs 55-GC1	200.5517	-42.7533	0.24 ± 0.01	0.11		4 ± 0	27.93 ± 0.04	3855^{+72}_{-70}	20.6	-7.3 ± 0.1	m,v
KKs 55-GC2	200.5578	-42.7347					27.93 ± 0.04	3855^{+72}_{-70}	22.8	-5.1 ± 0.1	y,v
KKs 58-NSC	206.5033	-36.3289	0.41 ± 0.03	0.30 ± 0.04	86.0 ± 2.0	5 ± 0	$27.63^{+0.12}_{-0.01}$	3357^{+191}_{-15}	18.1	-9.5 ± 0.1	z,aa
Hodge 4	92.1502	-73.8355	0.43			0	18.37 ± 0.03	47 ± 1	13.2	-5.2 ± 0.0	ab,ac,ad
Hodge 6	85.5721	-71.5910	46.92			11	18.40	48	11.8	-6.6	ae,af,ag
Hodge 11	93.5954	-69.8474					18.57	52	11.8	-6.8	ab,ag
Hodge 301	84.5720	-69.0667	26.76			7	18.50	50	10.4	-8.1	ae,af,ah
NGC 1466	56.1365	-71.6710	1.85			0	18.58	52	11.4	-7.1 ± 0.1	ad,ag,ai
NGC 1651	69.3843	-70.5863	48.84			12	18.48	50	12.1	-6.4	ae,af,ag
NGC 1751	73.5500	-69.8075	4.50			1	18.52	51	11.3	-7.2 ± 0.1	aj,ak,ag
NGC 1754	73.5787	-70.4419	9.00			2	18.48 ± 0.02	50 ± 1	11.3	-7.2	ab,al,am
NGC 1755	73.8139	-68.2056	23.28			5	18.33	46	9.4	-8.9	ae,af,ag
NGC 1783	74.7874	-65.9872	52.50			13	18.51	50	10.3	-8.2	ae,af,ag
NGC 1786	74.7833	-67.7455					18.42	48	10.6	-7.8	ab,ag
NGC 1806	75.5458	-67.9881	68.40			17	18.52	51	10.9	-7.6	ae,af,ag
NGC 1831	76.5682	-64.9184	2.85			1	18.41	48	11.2	-7.3 ± 0.1	ad,ag,ai
NGC 1835	76.2780	-69.4041	$13.00^{+3.00}_{-1.00}$			3^{+1}_{-0}	18.58	52	9.9	-8.7	ab,an,ao
NGC 1841	71.3448	-83.9988	11.93			3	18.34	47	11.1	-7.3 ± 0.0	ab,ad,ag

Table 21 *continued on next page*

Table 21 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
NGC 1846	76.8958	-67.4608	83.22			20	18.52	51	10.5	-8.0	ae,af,ag
NGC 1850	77.1885	-68.7624	40.56			9	18.38	47	9.3	-9.1	ae,af,ag
NGC 1856	77.3753	-69.1289	24.48			5	18.32	46	9.6	-8.7	ae,af,ag
NGC 1866	78.4110	-65.4647	41.70			9	18.30	46	9.3	-9.0	ae,af,ag
NGC 1898	79.1732	-69.6567					18.60	52	11.7	-6.9	ab,ag
NGC 1916	79.6562	-69.4069	8.40			2	18.48 ± 0.02	50 ± 1	11.8	-6.7	ab,al,am
NGC 1928	80.2395	-69.4782					18.43	49	12.3	-6.1	ab,ag
NGC 1939	80.3599	-69.9496					18.42	48	11.6	-6.8	ab,ag
NGC 1978	82.1863	-66.2364	45.42			11	18.53	51	10.0	-8.5	ae,af,ag
NGC 2005	82.5422	-69.7529					18.44	49	11.3	-7.1	ab,ag
NGC 2019	82.9833	-70.1600	9.00			2	18.48 ± 0.02	50 ± 1	10.7	-7.8	ab,al,am
NGC 2121	87.0551	-71.4797	73.50			18	18.48	50	12.1	-6.4	ae,af,ag
NGC 2155	89.6338	-65.4774	40.80			9	18.39	48	12.5	-5.9	ae,af,ag
NGC 2173	89.4933	-72.9787	42.54			10	18.37	47	11.6	-6.8	ae,af,ag
NGC 2203	91.1776	-75.4378	54.12			12	18.38	47	10.9	-7.5	ae,af,ag
NGC 2209	92.1502	-73.8355	5.52			1	18.37 ± 0.03	47 ± 1	11.9	-6.5 ± 0.0	ab,ap,ad
NGC 2210	92.8818	-69.1219					18.36	47	10.8	-7.5	ab,ag
NGC 2257	97.5517	-64.3268	6.54			1	18.37	47	12.5	-5.9 ± 0.0	ab,ad,ag
R 136	84.6767	-69.1009	9.06			2	18.50	50	6.8	-11.7	ae,af,ah
Reticulum	69.0458	-58.8626	96.00			22	18.40	48	12.1	-6.3	ae,af,ag
SL 075	93.3636	-70.6958					18.49	50			ag
SL 639	84.9151	-69.1978	12.84			3	18.50	50	10.4	-8.1	ae,af,ah
SL 663	85.6175	-65.3639	1.12			0	18.32 ± 0.03	46 ± 1			ap,ad
NGC 147-PA-N147-2	8.4304	48.6458					24.33 ± 0.06	735^{+21}_{-20}	16.9	-7.5 ± 0.0	b,aq
NGC 147-PA-N147-3	8.5417	49.0442					24.33 ± 0.06	735^{+21}_{-20}	17.4	-6.9 ± 0.0	b,aq
NGC 147-Hodge I	8.3008	48.5090					24.33 ± 0.06	735^{+21}_{-20}	16.9	-7.5 ± 0.0	b,aq
NGC 147-Hodge II	8.3067	48.4802					24.33 ± 0.06	735^{+21}_{-20}	17.5	-6.8 ± 0.0	b,aq
NGC 147-Hodge III	8.3133	48.4564					24.33 ± 0.06	735^{+21}_{-20}	16.1	-8.3 ± 0.0	b,aq
NGC 147-Hodge IV	8.3125	48.5360					24.33 ± 0.06	735^{+21}_{-20}	18.5	-5.8 ± 0.0	b,aq
NGC 147-PA-N147-1	8.1471	48.3300					24.33 ± 0.06	735^{+21}_{-20}	16.5	-7.8 ± 0.0	b,aq

Table 21 *continued on next page*

Table 21 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
NGC 147-GC-SD5	8.0954	48.4303					24.33 ± 0.06	735^{+21}_{-20}	17.6	-6.7 ± 0.0	b,aq
NGC 147-GC-SD7	8.0925	48.5242					24.33 ± 0.06	735^{+21}_{-20}	16.5	-7.9 ± 0.0	b,aq
NGC 147-GC-SD10	8.1967	48.5363					24.33 ± 0.06	735^{+21}_{-20}	19.3	-5.0 ± 0.0	b,aq
NGC 185-PA-N185	9.5783	48.3678					24.06 ± 0.06	649 ± 18	18.4	-5.6 ± 0.0	b,aq
NGC 185-FJJ I	9.6779	48.3112					24.06 ± 0.06	649 ± 18	17.7	-6.4 ± 0.0	b,aq
NGC 185-FJJ II	9.7004	48.3044					24.06 ± 0.06	649 ± 18	18.0	-6.1 ± 0.0	b,aq
NGC 185-FJJ III	9.7658	48.3326					24.06 ± 0.06	649 ± 18	16.0	-8.1 ± 0.2	b,aq
NGC 185-FJJ IV	9.8008	48.3801					24.06 ± 0.06	649 ± 18	17.4	-6.7 ± 0.0	b,aq
NGC 185-FJJ V	9.8058	48.3847					24.06 ± 0.06	649 ± 18	16.1	-7.9 ± 0.0	b,aq
NGC 185-FJJ VII	9.8267	48.3843					24.06 ± 0.06	649 ± 18	18.1	-6.0 ± 0.0	b,aq
NGC 185-FJJ VIII	9.8488	48.3125					24.06 ± 0.06	649 ± 18	17.0	-7.0 ± 0.0	b,aq
NGC 205-Hubble I	10.1279	41.6155					24.61 ± 0.06	836 ± 23	16.9	-7.7	ar,b
NGC 205-Hubble II	10.1328	41.6547					24.61 ± 0.06	836 ± 23	16.7	-7.9	ar,b
NGC 205-Hubble III	10.2314	41.6906					24.61 ± 0.06	836 ± 23			b
NGC 205-Hubble IV	10.1021	41.6729					24.61 ± 0.06	836 ± 23	18.5	-6.1	ar,b
NGC 205-Hubble I	10.0853	41.6804					24.61 ± 0.06	836 ± 23	16.7	-7.9	ar,b
NGC 205-Hubble VI	10.1092	41.7015					24.61 ± 0.06	836 ± 23	17.9	-6.8	ar,b
NGC 205-Hubble I	10.1067	41.7149					24.61 ± 0.06	836 ± 23	18.0	-6.6	ar,b
NGC 205-Hubble I	9.9804	41.7961					24.61 ± 0.06	836 ± 23	16.6	-8.0	ar,b
NGC 205-M31C-55	10.2314	41.6906					24.61 ± 0.06	836 ± 23			b
NGC 205-NSC	10.0921	41.6853	0.95 ± 0.02			4 ± 0	24.61 ± 0.06	836 ± 23	14.5	-10.1 ± 0.0	as,b
NGC 247-SC1	11.7115	-20.6514	0.69 ± 0.03	0.21 ± 0.02	54.0	11 ± 1	27.85 ± 0.02	3715 ± 34	18.4	-9.4 ± 0.0	at,au
NGC 6822-Hubble VI	296.2274	-14.8193	0.78 ± 0.20			2 ± 1	23.78 ± 0.05	570 ± 13	16.0	-7.8 ± 0.1	e,av
NGC 6822-Hubble VII	296.2324	-14.8156	1.10 ± 0.04			3 ± 0	23.78 ± 0.05	570 ± 13	15.1	-8.7 ± 0.0	e,aw,ax
NGC 6822-Hubble VIII	296.2425	-14.7204	2.68 ± 0.13			7 ± 0	23.78 ± 0.05	570 ± 13	17.1	-6.7	e,aw
NGC 6822-SC1	295.0490	-15.3631	6.14 ± 0.09			17 ± 0	23.78 ± 0.05	570 ± 13	16.3	-7.5 ± 0.0	e,aw,ax
NGC 6822-SC2	295.7683	-14.9726	5.05 ± 0.09			14 ± 0	23.78 ± 0.05	570 ± 13	17.1	-6.6 ± 0.0	e,aw,ax
NGC 6822-SC3	296.4173	-14.8236	3.29 ± 0.22			9 ± 1	23.78 ± 0.05	570 ± 13	18.4	-5.3 ± 0.0	e,aw,ax
NGC 6822-SC4	296.8773	-14.4470	6.05 ± 0.13			17 ± 1	23.78 ± 0.05	570 ± 13	17.5	-6.3 ± 0.0	e,aw,ax
NGC 6822-SC5	295.9262	-14.6999					23.78 ± 0.05	570 ± 13			e,ax

Table 21 *continued on next page*

Table 21 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcsec		deg	pc		kpc			
NGC 6822-SC6	296.4042	-14.6863					23.78 ± 0.05	570 ± 13	15.4	-8.4 ± 0.0	e,ax
NGC 6822-SC7	296.5035	-14.5432					23.78 ± 0.05	570 ± 13	14.8	-9.0 ± 0.0	e,ax
DDO 216-A1	352.1096	14.7403	3.10			14	24.77 ± 0.08	899^{+34}_{-33}	17.6	-7.1 ± 0.2	ay
Scl-dE1-GC1	5.9695	-24.6994	1.05 ± 0.05			22^{+2}_{-1}	28.17 ± 0.12	4305^{+245}_{-231}	21.5	-6.7 ± 0.1	az
Sextans A-GC1	152.6825	-4.7247	1.10 ± 0.03	0.12 ± 0.01		7 ± 0	25.70 ± 0.08	1384^{+51}_{-49}	18.0	-7.7	ba,bb
Sextans B-GC1	150.0193	5.3354	0.62 ± 0.03	0.05		4 ± 0	25.72 ± 0.06	1393^{+36}_{-35}	17.9	-7.8 ± 0.0	bb,bc
Kron 3	6.1943	-72.7936	6.38			2	18.93	61	11.3	-7.6 ± 0.9	bd,ag,be
Lindsay 1	0.9768	-73.4719	18.28			5	18.86	59	13.2	-5.7 ± 0.1	bd,ag,be
NGC 121	6.7039	-71.5359	19.56			6	19.06	65	10.6	-8.4	ae,af,ah
NGC 152	8.2353	-73.1164	4.67			1	19.07	65	12.2	-6.9 ± 0.1	ad,ag,be
NGC 330	14.0760	-72.4590	0.94			0	19.04	64	9.2	-9.8 ± 0.0	ad,ag,be
NGC 339	14.4440	-74.4703	7.01			2	18.96	62	11.9	-7.0 ± 0.1	bd,ag,be
NGC 411	16.9831	-71.7678	2.87			1	18.97	62	11.7	-7.3 ± 0.1	ak,ag,be
NGC 416	16.9965	-72.3555	2.65			1	18.96	62	11.2	-7.8 ± 0.0	bd,ag,be
NGC 419	17.0732	-72.8844	2.19			1	18.85	59	11.2	-7.7 ± 0.2	bd,ag,be
Ursa Major II-GC	132.8719	63.1344	10.02			2	17.70 ± 0.13	35 ± 2	18.9	1.2	bf,bg
WLM-GC1	0.4562	-15.4585	3.06 ± 0.24	0.17 ± 0.04		12 ± 1	24.73 ± 0.07	883^{+29}_{-28}	16.0	-8.7	bh,bi

NOTE—Objects are sorted by host then name. Citations: (a) Caldwell et al. (2017) (b) Savino et al. (2022) (c) Cusano et al. (2016) (d) Greggio et al. (1993) (e) Higgs et al. (2021) (f) Crnojević et al. (2019) (g) Dumont et al. (2022) (h) Newman et al. (2024) (i) Sharina et al. (2005) (j) Martínez-Vázquez et al. (2021b) (k) Simon et al. (2021) (l) Makarova et al. (2023) (m) Georgiev et al. (2009) (n) Karachentsev et al. (2013b) (o) Caldwell et al. (1998) (p) Žemaitis et al. (2023) (q) Mackey & Gilmore (2003a) (r) Mackey & Gilmore (2003b) (s) Greco et al. (2007) (t) Oakes et al. (2022) (u) Wang et al. (2019b) (v) Tully et al. (2009b) (w) Karachentsev et al. (2020) (x) Karachentsev et al. (2015b) (y) Müller et al. (2021) (z) Fahrion et al. (2020) (aa) Müller et al. (2019) (ab) Bica et al. (1996) (ac) Grocholski et al. (2007) (ad) McLaughlin & van der Marel (2005) (ae) Baumgardt & Hilker (2018) (af) Baumgardt et al. (2020) (ag) Milone et al. (2023) (ah) Baumgardt & Vasiliev (2021) (ai) van den Bergh (1981) (aj) Goudfrooij et al. (2006) (ak) Goudfrooij et al. (2014) (al) Mackey & Gilmore (2003c) (am) Pietrzyński et al. (2019) (an) Giusti et al. (2024b) (ao) Giusti et al. (2024a) (ap) Correnti et al. (2014) (aq) Veljanoski et al. (2013) (ar) Battistini et al. (1987) (as) Butler & Martínez-Delgado (2005) (at) Jacobs et al. (2009) (au) Romanowsky et al. (2023) (av) Wyder et al. (2000) (aw) Hwang et al. (2011) (ax) Veljanoski et al. (2015) (ay) Cole et al. (2017) (az) Da Costa et al. (2009) (ba) Beasley et al. (2019) (bb) Dalcanton et al. (2009) (bc) Sharina et al. (2007) (bd) Glatt et al. (2009) (be) Song et al. (2021) (bf) Dall'Ora et al. (2012) (bg) Eadie et al. (2022) (bh) Hodge et al. (1999) (bi) Stephens et al. (2006)

Table 22. Properties of globular clusters with dwarf galaxy hosts

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
And I-GC1	121.6903	-24.8263								
And XXV-GC1	119.1555	-15.8642					13.0			a
Aquarius-GC1	34.0491	-31.3432								
CenA-MM-Dw1-GC1	310.6069	20.3891	266.0 ± 5.9		-1.39 ± 0.32					b
CenA-MM-Dw1-GC2	310.6358	20.3987	259.6 ± 5.9		-1.13 ± 0.35					b
CenA-MM-Dw1-GC3	310.6163	20.4086	261.6 ± 6.2		-1.07 ± 0.34					b
CenA-MM-Dw1-NSC	310.6213	20.3997	273.2 ± 5.9		-1.71 ± 0.32					b
CenA-MM-Dw3-NSC	310.5924	20.1004	359.6 ± 2.4	8.60	-1.12 ± 0.35					b
DDO 190-GC1	82.0038	64.4727	160.0 ± 7.0		$-2.17^{+0.12}_{-0.05}$		$2.6^{+1.8}_{-1.3}$			c
Eri II-GC	249.7807	-51.6425	$79.7^{+3.1}_{-3.8}$	$2.30^{+5.30}_{-2.30}$	-2.00		13.2 ± 0.3			d,e,f
ESO 006-001-GC	297.9520	-25.2212								
ESO 269-066-GC3	306.9679	17.8119	774.0 ± 6.0		-1.50 ± 0.20		12.6 ± 1.5			g
F8D1-GC1	144.6285	40.9435	-108.0 ± 23.0		$-1.06^{+0.56}_{-0.55}$		$0.5^{+0.5}_{-0.2}$			c
Fornax-GC1	236.7245	-66.2991	59.0 ± 1.0		-2.50 ± 0.10		12.1 ± 0.8			h,i
Fornax-GC2	238.0786	-65.8389	64.0 ± 1.0		-2.10 ± 0.10		12.2 ± 1.0			h,i
Fornax-GC3	236.6632	-65.7222	60.4 ± 0.2	6.50 ± 0.20	-2.40 ± 0.10		12.3 ± 1.4			j,h,i
Fornax-GC4	237.2991	-65.6081	47.2 ± 0.1	4.10 ± 0.10	-1.40 ± 0.10		10.2 ± 1.2			j,i
Fornax-GC5	236.0873	-65.2267	60.6 ± 0.2	4.60 ± 0.20	-2.10 ± 0.10		11.5 ± 1.5			j,i
Fornax-GC6	237.0280	-65.6305	50.5 ± 1.7	$5.60^{+2.00}_{-1.80}$	-0.70 ± 0.05	< 0.17	2.0	0.392 ± 0.026	-0.448 ± 0.042	k
IKN-GC1	141.9015	42.2151					$14.8^{+1.1}_{-1.3}$			l
IKN-GC2	141.8883	42.2145					$15.5^{+3.6}_{-6.2}$			l
IKN-GC3	141.8871	42.2030					$13.2^{+4.7}_{-6.0}$			l
IKN-GC4	141.8818	42.1990					$14.2^{+4.5}_{-7.2}$			l
IKN-GC5	141.8797	42.1991			-2.11 ± 0.19		$13.8^{+4.9}_{-7.7}$			m,l
KDG 61-GC1	142.5006	41.2825	222.0 ± 3.0		-1.50 ± 0.10		16.0 ± 2.0			n
KK 197-GC1	308.9150	19.9813	636.4 ± 16.0							o
KK 197-GC2	308.9221	19.9800	635.4 ± 1.5		-1.84 ± 0.05		6.5 ± 1.0			o

Table 22 *continued on next page*

Table 22 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
KK 197-GC3	308.9235	19.9783	642.6 ± 3.8		-1.80 ± 0.10		7.0 ± 1.0			o
KK 211-GC-3-149	312.2146	16.7518	580.0 ± 23.0		-1.40 ± 0.30		6.0 ± 2.0			p
KK 211-GC-3-917	312.2212	16.7474	620.0 ± 39.0							p
KK 221-GC-2-1090	312.9948	14.7435	478.0 ± 29.0							p
KK 221-GC-2-608	313.0108	14.7410	541.0 ± 32.0							p
KK 221-GC-2-883	313.0042	14.7400	546.0 ± 46.0							p
KK 221-GC-2-966	312.9976	14.7440	509.0 ± 25.0		-1.60 ± 0.10		10.0 ± 2.0			p
KK 221-GC-24n	312.9831	14.7676	512.0 ± 31.0		-1.70 ± 0.30		9.0 ± 2.0			p
KK 221-GC-27n	312.9666	14.7570	466.0 ± 35.0							p
KK 221-GC-3-1062	312.9932	14.7519								
KKH 22-GC1	135.4910	13.5650	36.0 ± 10.0							q
KKs 3-GC1	294.2352	-42.0020	316.0 ± 7.0		-1.55 ± 0.20		12.6 ± 1.5			g
KKs 55-GC1	308.9265	19.7601								
KKs 55-GC2	308.9337	19.7779	531.4 ± 15.4		$-1.50^{+0.34}_{-0.07}$		$12.9^{+1.4}_{-2.5}$			r
KKs 58-NSC	315.0613	25.2541	474.6 ± 1.9		-1.75 ± 0.06		6.9 ± 1.0			o
Hodge 4	284.7159	-28.9469	$312.7^{+0.6}_{-1.3}$		-0.49	0.12	2.1	1.632 ± 0.080	0.379 ± 0.090	s,t,u
Hodge 6	282.3187	-31.0757	241.6 ± 2.3				2.3	1.950 ± 0.060	0.760 ± 0.060	v,w
Hodge 11	280.1652	-28.5176	245.9 ± 0.9	2.50	-2.00 ± 0.04		13.4	1.466 ± 0.034	0.989 ± 0.049	s,x,w
Hodge 301	279.4302	-31.7129	260.5 ± 0.8				0.0	1.730 ± 0.050	0.700 ± 0.050	v,y
NGC 1466	286.6989	-39.5398	202.5 ± 0.5		-1.40	0.16	13.2	1.720 ± 0.060	-0.740 ± 0.070	w,u
NGC 1651	282.7870	-36.3862	233.7 ± 1.4				2.0	2.020 ± 0.040	-0.300 ± 0.050	v,w
NGC 1751	281.2810	-35.3340	$240.4^{+0.7}_{-0.6}$		-0.46	0.14	1.8	1.930 ± 0.070	-0.090 ± 0.100	w,u
NGC 1754	282.0153	-35.1270	234.1 ± 5.4		-1.48 ± 0.09		14.0			z,aa,ab
NGC 1755	279.3669	-35.7195	297.0 ± 1.4				0.1	1.880 ± 0.040	-0.110 ± 0.050	v,w
NGC 1783	276.6045	-35.9410	279.6 ± 0.2		-0.54	0.10	1.6	1.640 ± 0.040	-0.060 ± 0.040	w,u
NGC 1786	278.6999	-35.4964	279.9 ± 4.9		-1.77 ± 0.08		12.9	1.950 ± 0.030	0.060 ± 0.030	w,ab
NGC 1806	278.8958	-35.1561	229.6 ± 0.4		-0.53	0.10	1.6	1.850 ± 0.050	-0.060 ± 0.070	w,u
NGC 1831	275.1190	-35.4572	276.8 ± 0.2		-0.41	0.15	0.9	1.690 ± 0.110	-0.040 ± 0.100	w,u
NGC 1835	280.4808	-34.5365	188.0 ± 5.0		-1.79		12.5 ± 1.0			ac,ad
NGC 1841	297.0163	-30.1405	210.8 ± 0.3		-1.96	0.12	12.4	2.050 ± 0.020	0.000 ± 0.030	w,u

Table 22 *continued on next page*

Table 22 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_{δ}	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
NGC 1846	278.1215	-34.7857	$239.2^{+0.2}_{-0.3}$		-0.49	0.08	1.6	1.710 ± 0.040	0.030 ± 0.040	w,u
NGC 1850	279.6294	-34.3797	$248.9^{+0.4}_{-0.5}$		-0.31	0.20	0.1	2.020 ± 0.040	0.110 ± 0.040	w,u
NGC 1856	280.0414	-34.2281	265.3 ± 2.0				0.2	1.880 ± 0.050	0.200 ± 0.050	v,w
NGC 1866	275.5955	-34.5947	299.1 ± 0.3				0.2	1.550 ± 0.030	$0.160^{+0.035}_{-0.030}$	v,w
NGC 1898	280.4900	-33.4931	210.0 ± 5.0		-1.32 ± 0.10		11.7	1.980 ± 0.050	0.350 ± 0.050	z,w,aa
NGC 1916	280.1554	-33.3794	278.0 ± 5.0		-2.08 ± 0.20		15.8			ae,ad
NGC 1928	280.1908	-33.1646	249.6 ± 12.8		-1.30 ± 0.15		13.0	1.840 ± 0.100	0.130 ± 0.120	w,af
NGC 1939	280.7332	-33.0324	258.8 ± 7.4		-2.00 ± 0.15		13.3	2.210 ± 0.070	0.440 ± 0.030	w,af
NGC 1978	276.2333	-32.9519	293.1 ± 0.3		-0.49	0.10	2.5	1.760 ± 0.030	0.400 ± 0.040	w,u
NGC 2005	280.3463	-32.3270	270.0 ± 5.0		-1.77 ± 0.10		13.1	1.880 ± 0.040	0.560 ± 0.040	z,w,aa
NGC 2019	280.7940	-32.1146	280.6 ± 2.3		-1.31 ± 0.05		17.8			ag,ah
NGC 2121	282.1287	-30.6214	$237.0^{+0.3}_{-0.2}$		-0.54	0.11	2.9	1.760 ± 0.050	0.960 ± 0.040	w,u
NGC 2155	275.1342	-29.9580	$315.0^{+0.1}_{-0.2}$		-0.59	0.12	2.8	1.730 ± 0.070	0.880 ± 0.050	w,u
NGC 2173	283.7822	-29.7513	236.7 ± 0.4				1.7	1.970 ± 0.040	0.830 ± 0.050	v,w
NGC 2203	286.5614	-29.1202	$252.8^{+0.3}_{-0.2}$		-0.45	0.12	1.6	1.930 ± 0.030	0.880 ± 0.030	w,u
NGC 2209	284.7159	-28.9469	$251.2^{+0.1}_{-0.4}$		-0.52	0.15	1.1 ± 0.1	1.888 ± 0.154	0.957 ± 0.171	s,ai,u
NGC 2210	279.3321	-28.7507	342.6 ± 7.8		-1.65 ± 0.02	0.04	12.0	1.440 ± 0.050	1.360 ± 0.050	w,aj,ad
NGC 2257	274.1066	-26.5281	$301.8^{+0.3}_{-0.4}$		-1.64	0.11	11.8	1.390 ± 0.050	1.000 ± 0.040	w,u
R 136	279.4652	-31.6719	267.6 ± 1.1				0.0	1.680 ± 0.030	0.570 ± 0.030	v,y
Reticulum	268.6635	-40.2701	247.5 ± 1.5		-1.57 ± 0.03		11.5	1.950 ± 0.050	-0.270 ± 0.020	ak,w
SL 075	281.1293	-28.6126					1.9	1.680 ± 0.040	1.070 ± 0.040	w
SL 639	279.5670	-31.5767	251.7 ± 1.4				0.0	1.820 ± 0.020	0.660 ± 0.030	v,y
SL 663	275.0545	-31.6308	$301.1^{+1.4}_{-1.2}$		-0.51	0.11	3.1 ± 0.4			ai,u
NGC 147-PA-N147-2	119.9160	-14.1221	-221.0 ± 1.0	6.10	-1.92 ± 0.02					al,am
NGC 147-PA-N147-3	120.0200	-13.7299	-133.0 ± 24.0							an
NGC 147-Hodge I	119.8177	-14.2525	-107.0 ± 30.0							ao
NGC 147-Hodge II	119.8195	-14.2815	207.0 ± 1.0	2.50	-1.44 ± 0.03		9.0 ± 3.0			al,am,ao
NGC 147-Hodge III	119.8222	-14.3055	-197.0 ± 1.0	6.60	-2.36 ± 0.02					al,am
NGC 147-Hodge IV	119.8276	-14.2261	-235.0 ± 35.0							ao
NGC 147-PA-N147-1	119.6989	-14.4234	-221.0 ± 1.0	6.10	-2.22 ± 0.02					al,am

Table 22 *continued on next page*

Table 22 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_{δ}	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
NGC 147-GC-SD5	119.6714	-14.3208	187.0 ± 15.0		-1.70 ± 0.20		10.0 ± 2.0			ao
NGC 147-GC-SD7	119.6768	-14.2270	-197.0 ± 1.0	5.30	-1.89 ± 0.02		8.0 ± 2.0			al,am,ao
NGC 147-GC-SD10	119.7488	-14.2201	-180.0 ± 30.0							ao
NGC 185-PA-N185	120.6816	-14.4466	-254.0 ± 15.0							an
NGC 185-FJJ I	120.7468	-14.5065	-264.0 ± 30.0		-1.40 ± 0.10		9.0 ± 4.0			ap,aq
NGC 185-FJJ II	120.7619	-14.5141			-1.20 ± 0.25					ap
NGC 185-FJJ III	120.8083	-14.4881	-243.0 ± 1.0	4.90	-1.78 ± 0.02		10.0 ± 2.0			am,aq
NGC 185-FJJ IV	120.8347	-14.4419	-157.0 ± 30.0		-2.50 ± 0.25		9.0 ± 2.0			ap,aq
NGC 185-FJJ V	120.8383	-14.4374	-173.0 ± 1.0	6.00	-1.81 ± 0.02		9.0 ± 2.0			am,aq
NGC 185-FJJ VII	120.8526	-14.4384	-217.0 ± 30.0		-0.80 ± 0.20		5.0 ± 2.0			aq
NGC 185-FJJ VIII	120.8641	-14.5109	-188.0 ± 1.0	4.60	-1.77 ± 0.02		8.0 ± 4.0			am,aq
NGC 205-Hubble I	120.7417	-21.2098	-302.0 ± 1.0	6.80	-1.41 ± 0.01		7.0 ± 2.0			am,aq
NGC 205-Hubble II	120.7475	-21.1708	-241.0 ± 1.0	7.80	-1.35 ± 0.01		10.0 ± 2.0			am,aq
NGC 205-Hubble III	120.8281	-21.1382	345.0 ± 9.0		-1.05 ± 0.10					ap
NGC 205-Hubble IV	120.7238	-21.1515	-302.0 ± 1.0	6.80	-1.60 ± 0.15					ap,am
NGC 205-Hubble I	120.7108	-21.1434	-302.0 ± 1.0	6.80	-1.41 ± 0.01		1.2 ± 0.6			ap,am,aq
NGC 205-Hubble VI	120.7309	-21.1232	-302.0 ± 1.0	6.80	-1.30 ± 0.10		4.0 ± 2.0			ap,am,aq
NGC 205-Hubble I	120.7296	-21.1098	-166.0 ± 12.0		-1.40 ± 0.10		11.0 ± 2.0			ap,aq
NGC 205-Hubble I	120.6328	-21.0242	-302.0 ± 1.0	6.80	-1.90 ± 0.15					ap,am
NGC 205-M31C-55	120.8281	-21.1382	-146.0 ± 26.0		-0.70 ± 0.10					ap
NGC 205-NSC	120.7164	-21.1388	345.0 ± 9.0		-1.05 ± 0.10					ap
NGC 247-SC1	113.4891	-83.4388	112.0 ± 5.0				0.3			ar
NGC 6822-Hubble VI	25.3187	-18.3941					0.1 ± 0.0			as
NGC 6822-Hubble VII	25.3244	-18.3970	-68.0 ± 12.0		-2.34 ± 0.03		12.0 ± 0.1			at,au
NGC 6822-Hubble VIII	25.4202	-18.3670	-46.9 ± 31.2		-0.33 ± 0.12		0.5 ± 0.1			at
NGC 6822-SC1	24.3077	-17.5783	-67.0 ± 4.0		-2.00 ± 0.04		10.0 ± 1.3			at,au
NGC 6822-SC2	24.9803	-18.0520	-76.0 ± 4.0		-2.53 ± 0.06		13.3 ± 1.8			at,au
NGC 6822-SC3	25.3938	-18.5634	-83.0 ± 14.0		-1.52 ± 0.06		7.8 ± 0.7			at,au
NGC 6822-SC4	25.9487	-18.8154	-115.0 ± 58.0		-2.53 ± 0.08		9.0 ± 3.3			at
NGC 6822-SC5	25.3078	-18.0795								

Table 22 *continued on next page*

Table 22 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
NGC 6822-SC6	25.5204	-18.4957	-6.0 ± 3.0	8.70	-1.69 ± 0.01					am,au
NGC 6822-SC7	25.6997	-18.5247	-37.0 ± 2.0	9.20	-1.13 ± 0.01					am,au
DDO 216-A1	94.7252	-43.5391	-176.5 ± 9.5		-1.79 ± 0.04		12.3 ± 0.8			av,aw
Scl-dE1-GC1	52.8010	-83.3453								
Sextans A-GC1	246.1181	39.8016	340.4 ± 0.6	5.41 ± 0.77	-2.14 ± 0.04		8.6 ± 2.7			ax,ay
Sextans B-GC1	233.2106	43.8013	349.0 ± 5.0		-1.35 ± 0.30		2.0 ± 1.0			az
Kron 3	305.6766	-44.1923	$132.7^{+0.3}_{-0.4}$		-0.96	0.15	5.6	0.530 ± 0.020	-1.350 ± 0.030	w,u
Lindsay 1	307.5432	-43.2283	140.5 ± 0.2		-0.98	0.13	7.2	0.540 ± 0.030	-1.490 ± 0.030	w,u
NGC 121	305.7071	-45.4594	146.9 ± 0.9				10.6 ± 0.7	0.270 ± 0.020	-1.130 ± 0.020	v,ba,y
NGC 152	304.7955	-43.9448	$172.4^{+0.5}_{-0.9}$		-0.73	0.11	1.9	0.410 ± 0.030	-1.260 ± 0.040	w,u
NGC 330	302.4165	-44.6644	153.0 ± 0.7		-0.65	0.10	0.1	0.750 ± 0.030	-1.310 ± 0.030	w,u
NGC 339	302.3552	-42.6508	$112.9^{+0.4}_{-0.3}$		-1.01	0.17	5.9	0.700 ± 0.030	-1.250 ± 0.040	w,u
NGC 411	301.0990	-45.3017	$163.8^{+4.5}_{-0.3}$		-0.66	0.15	1.9	0.870 ± 0.080	-1.120 ± 0.060	w,u
NGC 416	301.1685	-44.7161	$155.0^{+1.0}_{-0.5}$		-0.80	0.17	6.0	0.880 ± 0.040	-1.240 ± 0.030	w,u
NGC 419	301.2038	-44.1873	$189.9^{+0.3}_{-0.2}$		-0.66	0.15	2.0	0.770 ± 0.060	-1.220 ± 0.040	w,u
Ursa Major II-GC	152.4593	37.4405								
WLM-GC1	75.7778	-73.5990	-105.8 ± 0.4		-1.96 ± 0.08		14.8 ± 0.6			bb,m,bc

NOTE—Objects are sorted by host then name. Citations: (a) Cusano et al. (2016) (b) Dumont et al. (2022) (c) Forbes et al. (2024) (d) Simon et al. (2021) (e) Weisz et al. (2023) (f) Zoutendijk et al. (2020) (g) Sharina et al. (2017) (h) Letarte et al. (2006) (i) de Boer & Fraser (2016) (j) Larsen et al. (2012) (k) Pace et al. (2021) (l) Tudorica et al. (2015) (m) Larsen et al. (2014) (n) Makarova et al. (2010) (o) Fahrion et al. (2020) (p) Puzia & Sharina (2008) (q) Karachentsev et al. (2020) (r) Müller et al. (2021) (s) Bennet et al. (2022a) (t) Grocholski et al. (2007) (u) Song et al. (2021) (v) Baumgardt & Hilker (2018) (w) Milone et al. (2023) (x) Mateluna et al. (2012) (y) Vasiliev & Baumgardt (2021) (z) Johnson et al. (2006) (aa) Schommer et al. (1992) (ab) Sharma et al. (2010) (ac) Giusti et al. (2024b) (ad) Olszewski et al. (1991) (ae) Mackey & Gilmore (2003c) (af) Piatti et al. (2018) (ag) Goudfrooij et al. (2006) (ah) Olsen et al. (1998) (ai) Correnti et al. (2014) (aj) Mucciarelli et al. (2010) (ak) Grocholski et al. (2006) (al) Larsen et al. (2018) (am) Larsen et al. (2022) (an) Veljanoski et al. (2013) (ao) Sharina & Davoust (2009) (ap) Da Costa & Mould (1988) (aq) Sharina et al. (2006) (ar) Romanowsky et al. (2023) (as) Wyder et al. (2000) (at) Hwang et al. (2014) (au) Veljanoski et al. (2015) (av) Cole et al. (2017) (aw) Leaman et al. (2020) (ax) Beasley et al. (2019) (ay) Gvozdenko et al. (2024) (az) Sharina et al. (2007) (ba) Mighell et al. (1998) (bb) Hodge et al. (1999) (bc) Stephens et al. (2006)

Table 23. Properties of Milky Way new disk/bulge star clusters

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
BH 140		12:53:53.5	-67:10:37.2	MW	Cantat-Gaudin et al. (2018)		
ESO 393-12		17:38:37.7	-35:39:03.6	MW		Cand.	
ESO 456-09		17:53:54.2	-32:27:57.6	MW		Cand.	
Ferrero 54		08:33:48.3	-44:26:49.0	MW			
ESO 456-29	MWSC2761	17:58:36.2	-32:01:12.0	MW	Gran et al. (2019)		
	Gran 1						
Patchick 122		09:42:30.7	-52:25:41.0	MW			
Patchick 126		17:05:38.6	-47:20:32.0	MW			GC
ESO 93-SC08	ESO 93-8	11:19:42.0	-65:13:12.0	MW	Holmberg et al. (1977)	Cand.	
Pfleiderer 2	PWM2	17:58:40.0	-05:04:30.0	MW	Pfleiderer et al. (1977)	Cand.	
					Ortolani et al. (2009)		
Patchick 99	DSH J1815.7-2948	18:15:47.0	-29:48:46.0	MW	Bica et al. (2019)		
Kronberger 49	DSH J1810.3-2320	18:10:24.0	-23:20:24.0	MW	Kronberger et al. (2006)		
Mercer 5	[MCM2005b]	18:23:19.0	-13:40:02.0	MW	Mercer et al. (2005)	Cand.	
					Longmore et al. (2011)		
Riddle 15	MWSC 3063	19:11:08.9	+14:49:58.8	MW	Kronberger et al. (2006)	Cand.	
					Kharchenko et al. (2013)		
Teutsch 67	CWNU 3634	09:33:46.0	-57:05:59.0	MW	Kronberger et al. (2006)	Cand.	OC/GC
FSR 0009	MWSC 2921	18:28:30.7	-31:54:25.2	MW	Froebrich et al. (2007)	Cand.	GC
FSR 19		17:35:38.4	-21:04:12.0	MW	Froebrich et al. (2007)	Cand.	
FSR 25		17:41:43.2	-19:34:15.6	MW	Froebrich et al. (2007)	Cand.	
FSR 1700		15:38:52.5	-59:16:03.0	MW	Froebrich et al. (2007)	Cand.	OC/GC
FSR 1716	VVV-GC05	16:10:30.0	-53:44:56.0	MW	Froebrich et al. (2007)		
FSR 1758		17:31:12.0	-39:48:30.0	MW	Froebrich et al. (2007)		
					Cantat-Gaudin et al. (2018)		
FSR 1767		17:35:43.0	-36:21:28.8	MW	Froebrich et al. (2007)	Cand.	GC
FSR 1775	MWSC 2750	17:56:05.3	-36:33:57.6	MW	Froebrich et al. (2007)	Cand.	GC

Table 23 *continued on next page*

Table 23 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
FSR 1776	Minni 83	17:54:14.3	-36:09:08.6	MW	Froebrich et al. (2007)		
VVV CL0001	VVV GC001	17:54:42.5	-24:00:53.0	MW	Minniti et al. (2011)		
VVV-CL002	VVV GC002	17:06:06.3	-28:50:42.3	MW	Moni Bidin et al. (2011)		
VVV-CL003		17:38:54.7	-29:54:25.2	MW	Moni Bidin et al. (2011)	Cand.	
VVV-CL131		17:41:17.0	-34:34:01.2	MW	Borissova et al. (2014)	Cand.	
VVV-CL143		17:44:36.0	-33:44:16.8	MW	Borissova et al. (2014)	Cand.	
VVV CL160	RCR-01	18:06:57.1	-20:00:54.0	MW	Borissova et al. (2014)		
					Minniti et al. (2021a)		
Gaia 1		06:45:52.8	-16:45:00.0	MW	Koposov et al. (2017)		
Gaia 2		01:52:29.8	+53:02:24.0	MW	Koposov et al. (2017)	Cand.	
Minni 22		17:48:51.4	-33:03:39.6	MW	Minniti et al. (2017c)	Cand.	
Minni 48		17:33:18.0	-28:00:02.0	MW	Minniti et al. (2017b)	Cand.	
					Minniti et al. (2021c)		
Camargo 1102		17:21:44.9	-26:32:38.4	MW	Camargo (2018)	Cand.	
Camargo 1104		18:05:14.2	-24:58:44.4	MW	Camargo (2018)	Cand.	
Ryu 059	RLGC 1	16:17:08.4	-44:35:38.6	MW	Ryu & Lee (2018a)	Cand.	
					Ryu & Lee (2018b)		
Ryu 879	RLGC 2	18:45:28.2	-05:11:33.3	MW	Ryu & Lee (2018a)	Cand.	
					Ryu & Lee (2018b)		
Camargo 1107		17:36:58.3	-30:08:49.2	MW	Camargo & Minniti (2019)	Cand.	
Camargo 1108		17:46:04.3	-30:51:54.0	MW	Camargo & Minniti (2019)	Cand.	
Camargo 1109		17:47:26.6	-26:38:52.8	MW	Camargo & Minniti (2019)	Cand.	
Garro 1	Garro 01	14:09:00.0	-65:37:12.0	MW	Garro et al. (2020)		OC/GC
	VVVX-GC-140900-653712						
Gran 2		17:11:33.6	-24:50:56.4	MW	Gran et al. (2022)		
Gran 3	Patchick 125	17:05:01.4	-35:29:45.6	MW	Gran et al. (2022)		GC
Gran 4		18:32:27.1	-23:06:50.4	MW	Gran et al. (2022)		GC
Gran 5		17:48:54.7	-24:10:12.0	MW	Gran et al. (2022)		
Garro 2		18:05:54.0	-17:42:00.0	MW	Garro et al. (2022b)	Cand.	

Table 23 *continued on next page*

Table 23 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
CWNU 4193		08:04:41.7	-38:55:16.0	MW	He et al. (2023)	Cand.	OC/GC

NOTE—Column description: `Candidate`—spectroscopy required to confirm at low Galactic latitudes; `Type`—Globular cluster versus open cluster.

Table 24. Properties of Milky Way new disk/bulge star clusters

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
BH 140	193.4730	-67.1770	4.45			6.2	13.41 ± 0.11	4.8 ± 0.2	7.3	-6.1 ± 0.1	a,b,c
Camargo 1102	260.4370	-26.5440					$14.60^{+0.30}_{-0.34}$	8.3 ± 1.2	8.3	-6.3 ± 0.6	d
Camargo 1104	271.3090	-24.9790					$13.66^{+0.37}_{-0.44}$	5.4 ± 1.0	8.0	-5.7 ± 1.7	d
Camargo 1107	264.2430	-30.1470					$13.01^{+0.35}_{-0.42}$	4.0 ± 0.7	6.4	-6.6 ± 0.5	e
Camargo 1108	266.5180	-30.8650					$12.59^{+0.31}_{-0.36}$	3.3 ± 0.5	4.2	-8.4 ± 0.5	e
Camargo 1109	266.8610	-26.6480					$13.17^{+0.28}_{-0.33}$	4.3 ± 0.6	6.8	-6.4 ± 0.7	e
CWNU 4193	121.1737	-38.9211	$0.76^{+0.02}_{-0.01}$			2.8 ± 0.1	$15.54^{+0.08}_{-0.09}$	12.8 ± 0.5			f
ESO 393-12	264.6570	-35.6510					14.57 ± 0.03	8.2 ± 0.1	9.3	-5.3	g
ESO 456-09	268.4760	-32.4660					14.42 ± 0.04	7.7 ± 0.1	8.4	-6.0	g
ESO 93-SC08	169.9250	-65.2200					15.70	13.8			
Ferrero 54	128.4512	-44.4469					14.27 ± 0.03	7.1 ± 0.1			h
FSR 0009	277.1280	-31.9070					14.20 ± 0.04	6.9 ± 0.1	10.8	-3.4	g
FSR 19	263.9100	-21.0700	0.90 ± 0.07			1.9 ± 0.2	14.29 ± 0.08	7.2 ± 0.3	9.7	-4.6	i
FSR 25	265.4300	-19.5710	$0.87^{+0.19}_{-0.17}$			1.8 ± 0.4	14.23 ± 0.06	7.0 ± 0.2	10.0	-4.2	i
FSR 1700	234.7187	-59.2675	2.39 ± 0.08			7.2 ± 0.4	$15.06^{+0.10}_{-0.11}$	10.3 ± 0.5			f
FSR 1716	242.6250	-53.7489	1.71			3.7	14.36	7.4	9.6	-4.8 ± 0.1	a,b,c
FSR 1758	262.8000	-39.8083	$6.33^{+0.87}_{-1.00}$			$20.3^{+3.1}_{-2.7}$	15.22	11.1	6.8	-8.4 ± 0.1	j,b,c
FSR 1767	263.9290	-36.3580	1.38 ± 0.34			$4.2^{+1.1}_{-1.0}$	15.12 ± 0.04	10.6 ± 0.2	8.8	-6.3	k,g
FSR 1775	269.0220	-36.5660					14.75 ± 0.02	8.9 ± 0.1	9.2	-5.6	g
FSR 1776	268.5595	-36.1524					14.30	7.2			l,m
Gaia 1	101.4700	-16.7500	6.50 ± 0.40			8.4 ± 0.5	13.25	4.5	8.3	-4.9 ± 0.1	n,o
Gaia 2	28.1240	53.0400	$1.90^{+0.40}_{-0.34}$	$0.18^{+0.20}_{-0.12}$		2.5 ± 0.6	13.60 ± 0.10	5.2 ± 0.2	11.6	-2.0 ± 0.1	n
Garro 1	212.2500	-65.6200	$2.40^{+0.60}_{-0.40}$			$10.6^{+2.2}_{-2.3}$	15.93 ± 0.03	15.3 ± 0.2	10.7	-5.3 ± 1.0	p,q
Garro 2	271.4750	-17.7000	$1.58^{+0.44}_{-0.47}$			$2.6^{+0.9}_{-0.7}$	13.74 ± 0.31	$5.6^{+0.9}_{-0.7}$	8.3	-5.4 ± 1.2	r
ESO 456-29	269.6510	-32.0200	0.86 ± 0.04			2.0 ± 0.1	14.50	7.9	9.1	-5.4	s
Gran 2	257.8900	-24.8490	1.07 ± 0.03			5.2 ± 0.1	16.10	16.6	10.2	-5.9	s
Gran 3	256.2560	-35.4960	1.70 ± 0.20			$6.0^{+0.6}_{-0.7}$	15.40	12.0	11.4	-4.0	h,s,q

Table 24 *continued on next page*

Table 24 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
Gran 4	278.1130	-23.1140	$2.20^{+0.50}_{-0.40}$			$14.9^{+2.9}_{-3.0}$	16.84	23.3	10.4	-6.4	s,q
Gran 5	267.2280	-24.1700	0.94 ± 0.04			1.2 ± 0.1	13.25	4.5	8.1	-5.2 ± 0.2	b,s
Kronberger 49	272.6000	-23.3400					14.61 ± 0.04	8.4 ± 0.2	7.9	-6.7	g
Mercer 5	275.8292	-13.6672					13.69	5.5			c,t
Minni 22	267.2140	-33.0610	1.10 ± 0.30			2.3 ± 0.6	14.30 ± 0.08	7.2 ± 0.3	8.1	-6.2 ± 0.5	u
Minni 48	263.3250	-28.0006	6.00 ± 1.00			$14.7^{+2.4}_{-2.5}$	14.62 ± 0.08	8.4 ± 0.3	8.1	-6.5 ± 0.8	v
Patchick 99	273.9458	-29.8128	1.87			3.6	14.13 ± 0.13	6.7 ± 0.4	8.8	-5.3	w,x
Patchick 122	145.6279	-52.4281					13.72 ± 0.05	5.5 ± 0.1			h
Patchick 126	256.4108	-47.3422	0.48			1.2	14.66 ± 0.02	8.6 ± 0.1	11.0	-3.6 ± 0.3	a,b,h
Pfleiderer 2	269.6667	-5.0750	1.24 ± 0.13			6.0 ± 0.6	16.07	16.4	13.6	-2.5	y
Riddle 15	287.7870	14.8330					16.29 ± 0.02	18.1 ± 0.2	10.1	-6.2	h
Ryu 059	244.2850	-44.5941	0.55 ± 0.03			$4.6^{+0.6}_{-0.7}$	17.30 ± 0.30	$28.8^{+4.3}_{-3.7}$	9.1	-8.2 ± 0.3	z
Ryu 879	281.3674	-5.1926	0.47 ± 0.01			2.2 ± 0.3	16.00 ± 0.30	$15.8^{+2.3}_{-2.0}$	8.0	-8.0 ± 0.3	z
Teutsch 67	143.4417	-57.0997	0.82 ± 0.02			3.1 ± 0.1	15.60 ± 0.08	13.2 ± 0.5			f
VVV CL0001	268.6771	-24.0147	1.00			2.4	14.58	8.2	8.0	-6.6 ± 0.5	b,aa,ab
VVV-CL002	256.5263	-28.8451	0.75 ± 0.10			1.8 ± 0.3	$14.67^{+0.15}_{-0.16}$	8.6 ± 0.6	10.1	-4.6	ac,ad
VVV-CL003	264.7280	-29.9070	0.60 ± 0.10			2.3 ± 0.4	$15.60^{+0.13}_{-0.14}$	13.2 ± 0.8	8.8	-6.8	ac,ad
VVV-CL131	265.3210	-34.5670					14.77 ± 0.04	9.0 ± 0.2	8.9	-5.9	g
VVV-CL143	266.1500	-33.7380					14.74 ± 0.05	8.9 ± 0.2	8.8	-5.9	g
VVV CL160	271.7380	-20.0150	2.20			2.6	13.01 ± 0.10	4.0 ± 0.2	8.2	-4.8 ± 0.5	b,ae

NOTE—Citations: (a) Baumgardt & Hilker (2018) (b) Baumgardt et al. (2020) (c) Baumgardt & Vasiliev (2021) (d) Camargo (2018) (e) Camargo & Minniti (2019) (f) S et al. (2024) (g) Garro et al. (2022a) (h) Garro et al. (2022c) (i) Obasi et al. (2021) (j) Barbá et al. (2019) (k) Bonatto et al. (2007) (l) Dias et al. (2022) (m) Minniti et al. (2017a) (n) Koposov et al. (2017) (o) Simpson et al. (2017) (p) Garro et al. (2020) (q) Pace et al. (2023) (r) Garro et al. (2022b) (s) Gran et al. (2022) (t) Longmore et al. (2011) (u) Minniti et al. (2018) (v) Minniti et al. (2021c) (w) Butler et al. (2024) (x) Garro et al. (2021) (y) Ortolani et al. (2009) (z) Ryu & Lee (2018b) (aa) Minniti et al. (2011) (ab) Olivares Carvajal et al. (2022) (ac) Minniti et al. (2021b) (ad) Moni Bidin et al. (2011) (ae) Minniti et al. (2021a)

Table 25. Properties of Milky Way new disk/bulge star clusters

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_{δ}	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
BH 140	303.1706	-4.3064						-14.848 ± 0.024	1.224 ± 0.024	a
Camargo 1102	359.1455	5.7343					13.3 ± 1.0			b
Camargo 1104	5.6214	-1.7777					13.5 ± 0.5			b
Camargo 1107	357.9775	0.9557					13.5 ± 2.0			c
Camargo 1108	358.4040	-1.0877					13.5 ± 1.5			c
Camargo 1109	2.1650	0.8436					12.0 ± 1.5			c
CWNU 4193	255.1696	-3.9504					11.0	-0.792 ± 0.025	1.628 ± 0.213	d
ESO 393-12	353.5139	-2.2845					10.0 ± 2.0	-2.860 ± 0.470	-5.390 ± 0.440	e
ESO 456-09	357.8822	-3.3389					10.0 ± 2.0	-3.410 ± 0.710	-4.560 ± 0.750	e
ESO 93-SC08	293.5082	-4.0404	86.0 ± 10.0					-4.068 ± 0.033	1.400 ± 0.034	a
Ferrero 54	262.8029	-2.5708	56.1 ± 3.2					-1.330 ± 0.270	1.310 ± 0.340	f,g
FSR 0009	1.8558	-9.5295					11.0 ± 2.0	-1.390 ± 1.100	-5.220 ± 0.990	e
FSR 19	5.4986	6.0708					11.0	-2.500 ± 0.760	-5.020 ± 0.470	h
FSR 25	7.5343	5.6491					11.0	-2.610 ± 1.270	-5.230 ± 0.740	h
FSR 1700	322.9000	-3.0501	10.4 ± 5.5				11.0	-4.850 ± 0.014	-4.030 ± 0.013	i,d
FSR 1716	329.7781	-1.5926	-30.3 ± 1.2	2.50 ± 0.90	-1.38 ± 0.20			-4.354 ± 0.033	-8.832 ± 0.031	j,a
FSR 1758	349.2166	-3.2924	224.9 ± 0.7	3.51 ± 0.49	-1.43 ± 0.08		$11.6^{+1.2}_{-1.3}$	-2.881 ± 0.026	2.519 ± 0.025	k,a
FSR 1767	352.6007	-2.1661					11.0 ± 2.0	-3.020 ± 0.500	-4.850 ± 0.500	e
FSR 1775	354.5459	-5.7790					10.0 ± 2.0	-3.000 ± 0.800	-5.530 ± 0.730	e
FSR 1776	354.7201	-5.2500	-103.7 ± 0.4		0.02 ± 0.01	0.14	10.0 ± 1.0	-2.300 ± 1.100	-2.600 ± 0.800	l
Gaia 1	227.3383	-8.7474	58.3 ± 0.2	0.94 ± 0.15	-0.13 ± 0.13		3.5			m
Gaia 2	132.1478	-8.7357	-54.4 ± 3.8				8.0 ± 2.0			g,n
Garro 1	310.8278	-3.9443	31.0 ± 0.1	< 0.80	-0.30 ± 0.03	< 0.10	11.0 ± 1.0	-4.350 ± 0.020	-1.090 ± 0.020	o,p
Garro 2	12.0478	1.6461			-1.30		12.0 ± 2.0	-6.070 ± 0.620	-6.150 ± 0.750	q
ESO 456-29	358.7671	-3.9767	77.0 ± 3.6		-1.13 ± 0.06			-8.163 ± 0.038	-8.045 ± 0.036	r,a
Gran 2	359.2293	8.5861	61.2 ± 2.7		-1.46 ± 0.13			0.190	-2.570	s,r
Gran 3	349.7563	3.4235	90.9 ± 0.4	1.90 ± 0.30	$-1.83^{+0.03}_{-0.04}$	< 0.16		-3.740 ± 0.030	$0.710^{+0.010}_{-0.020}$	p

Table 25 *continued on next page*

Table 25 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
Gran 4	10.1964	-6.3885	-266.4 ± 0.2	1.40 ± 0.20	-1.84 ± 0.02	< 0.10		0.510 ± 0.010	-3.510 ± 0.010	p
Gran 5	4.4592	1.8385	-59.2 ± 4.9		-1.02 ± 0.11			-5.320	-9.200	s,r
Kronberger 49	7.6272	-2.0123					11.0 ± 2.0	-2.840 ± 0.690	-5.520 ± 0.710	e
Mercer 5	17.5936	-0.1086						-3.965 ± 0.114	-7.220 ± 0.111	a
Minni 22	356.8284	-2.7282					11.2 ± 1.0			t
Minni 48	359.3514	2.7902					10.0 ± 2.0	-3.500 ± 0.500	-6.000 ± 0.500	u
Patchick 99	2.4885	-6.1453	-92.0 ± 10.0		-0.75 ± 0.30		10.0 ± 2.0	-2.980 ± 1.740	-5.490 ± 2.020	v,w
Patchick 122	276.3398	0.4062	98.7 ± 3.4					-3.720 ± 0.120	3.810 ± 0.120	f,g
Patchick 126	340.3805	-3.8263	-123.6 ± 2.9					-4.750 ± 0.460	-6.680 ± 0.620	f,g
Pfleiderer 2	22.2807	9.3223					10.0 ± 2.0	-2.784 ± 0.034	-4.158 ± 0.031	x,a
Riddle 15	48.3550	2.4550						-1.030 ± 0.320	-1.640 ± 0.270	f
Ryu 059	336.8697	4.3031						1.022 ± 0.055	0.770 ± 0.047	a
Ryu 879	27.6310	-1.0422						-2.396 ± 0.077	-1.794 ± 0.069	a
Teutsch 67	278.5072	-3.9202	97.0 ± 2.8				10.5	-2.380 ± 0.026	1.922 ± 0.029	i,d
VVV CL0001	5.2675	0.7797	-324.9 ± 0.8		-2.04 ± 0.02			-3.487 ± 0.144	-1.652 ± 0.107	y,a
VVV-CL002	355.2410	7.2282	-27.3 ± 0.1		-0.54 ± 0.27			-8.867 ± 0.142	2.390 ± 0.085	z,aa,a
VVV-CL003	358.4050	0.7294						-1.930 ± 0.050	8.330 ± 0.050	ab
VVV-CL131	354.7218	-2.1699					10.0 ± 3.0	-3.240 ± 0.810	-5.650 ± 0.700	e
VVV-CL143	355.7883	-2.3187	86.0 ± 26.0				10.0 ± 3.0	-3.180 ± 0.910	-6.170 ± 0.850	ac,e
VVV CL160	10.1478	0.2999	245.3 ± 0.8				12.0	-2.300 ± 0.100	-16.800 ± 0.100	g,ad

NOTE—Citations: (a) Vasiliev & Baumgardt (2021) (b) Camargo (2018) (c) Camargo & Minniti (2019) (d) S et al. (2024) (e) Garro et al. (2022a) (f) Garro et al. (2022c) (g) Garro et al. (2023) (h) Obasi et al. (2021) (i) He et al. (2023) (j) Koch et al. (2017) (k) Romero-Colmenares et al. (2021) (l) Dias et al. (2022) (m) Simpson et al. (2017) (n) Koposov et al. (2017) (o) Garro et al. (2020) (p) Pace et al. (2023) (q) Garro et al. (2022b) (r) Gran et al. (2024) (s) Gran et al. (2022) (t) Minniti et al. (2018) (u) Minniti et al. (2021c) (v) Butler et al. (2024) (w) Garro et al. (2021) (x) Ortolani et al. (2009) (y) Olivares Carvajal et al. (2022) (z) Minniti et al. (2024) (aa) Moni Bidin et al. (2011) (ab) Minniti et al. (2021b) (ac) Borissova et al. (2014) (ad) Minniti et al. (2021a)

Table 26. Properties of Milky Way Harris catalog globular clusters

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
ARP 2		19:28:44.1	-30:21:20.3	Sagittarius			
BH 176		15:39:07.5	-50:03:09.8	MW			
BH 261	AL 3	18:14:06.6	-28:38:06.0	MW			
	ESO 456-78						
	MWSC 2847						
E 3		09:20:57.1	-77:16:54.8	MW			
ESO 280-SC06		18:09:06.0	-46:25:24.0	MW			
HP 1	BH 229	17:31:05.2	-29:58:54.0	MW			
	ESO 455-11						
IC 1257		17:27:08.5	-07:05:35.0	MW			
IC 1276	Palomar 7	18:10:44.3	-07:12:27.3	MW			
IC 4499		15:00:18.5	-82:12:49.7	MW			
Liller 1		17:33:24.6	-33:23:22.4	MW			
Lynga 7	BH 184	16:11:03.7	-55:19:04.0	MW			
NGC 104		00:24:05.7	-72:04:52.7	MW			
NGC 288		00:52:45.2	-26:34:57.4	MW			
NGC 362		01:03:14.3	-70:50:55.6	MW			
NGC 1261		03:12:16.2	-55:12:58.4	MW			
NGC 1851		05:14:06.8	-40:02:47.6	MW			
NGC 1904	M 79	05:24:11.0	-24:31:27.9	MW			
NGC 2298		06:48:59.4	-36:00:19.1	MW			
NGC 2808		09:12:03.1	-64:51:48.6	MW			
NGC 3201		10:17:36.8	-46:24:44.9	MW			
NGC 4147		12:10:06.3	+18:32:33.5	MW			
NGC 4372		12:25:45.4	-72:39:32.7	MW			
NGC 4590	M 68	12:39:28.0	-26:44:38.6	MW			
NGC 4833		12:59:33.9	-70:52:35.4	MW			

Table 26 *continued on next page*

Table 26 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
NGC 5024	M 53	13:12:55.3	+18:10:05.4	MW			
NGC 5053		13:16:27.1	+17:42:00.9	MW			
NGC 5139	omega Cen	13:26:47.3	-47:28:46.1	MW			
	Caldwell 80						
NGC 5272	M 3	13:42:11.6	+28:22:38.2	MW			
NGC 5286		13:46:26.8	-51:22:27.3	MW			
NGC 5466		14:05:27.3	+28:32:04.0	MW			
NGC 5634		14:29:37.3	-05:58:35.1	MW			
NGC 5897		15:17:24.4	-21:00:36.4	MW			
NGC 5904	M 5	15:18:33.2	+02:04:51.7	MW			
NGC 5927		15:28:00.7	-50:40:22.9	MW			
NGC 5946		15:35:28.6	-50:39:35.0	MW			
NGC 5986		15:46:03.0	-37:47:11.1	MW			
NGC 6093	M 80	16:17:02.4	-22:58:33.9	MW			
NGC 6101		16:25:48.1	-72:12:07.9	MW			
NGC 6121	M 4	16:23:35.2	-26:31:32.7	MW			
NGC 6139		16:27:40.4	-38:50:55.6	MW			
NGC 6144		16:27:13.9	-26:01:24.6	MW			
NGC 6171	M 107	16:32:31.9	-13:03:13.6	MW			
NGC 6205	M 13	16:41:41.2	+36:27:35.5	MW			
NGC 6218	M 12	16:47:14.2	-01:56:54.7	MW			
NGC 6235		16:53:25.4	-22:10:38.8	MW			
NGC 6254	M 10	16:57:09.1	-04:06:01.1	MW			
NGC 6256		16:59:32.7	-37:07:15.5	MW			
NGC 6266	M 62	17:01:13.0	-30:06:48.2	MW			
NGC 6273	M 19	17:02:37.8	-26:16:04.7	MW			
NGC 6284		17:04:28.8	-24:45:53.3	MW			
NGC 6287		17:05:09.3	-22:42:28.8	MW			
NGC 6293		17:10:10.2	-26:34:55.5	MW			
NGC 6304		17:14:32.3	-29:27:43.3	MW			

Table 26 *continued on next page*

Table 26 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
NGC 6316		17:16:37.3	-28:08:24.4	MW			
NGC 6325		17:17:59.1	-23:46:03.6	MW			
NGC 6333	M9	17:19:11.8	-18:30:58.5	MW			
NGC 6341	M92	17:17:07.4	+43:08:09.4	MW			
NGC 6342		17:21:10.0	-19:35:15.6	MW			
NGC 6352		17:25:29.1	-48:25:19.8	MW			
NGC 6355		17:23:58.4	-26:21:10.2	MW			
NGC 6356		17:23:35.0	-17:48:46.9	MW			
NGC 6362		17:31:55.0	-67:02:54.0	MW			
NGC 6366		17:27:44.2	-05:04:47.5	MW			
NGC 6380	Ton 1	17:34:28.5	-39:04:10.3	MW			
NGC 6388		17:36:17.2	-44:44:07.8	MW			
NGC 6397		17:40:42.1	-53:40:27.6	MW			
NGC 6401	MWSC 2653	17:38:36.5	-23:54:34.6	MW			
NGC 6402	M 14	17:37:36.2	-03:14:45.3	MW			
NGC 6426		17:44:54.7	+03:10:12.5	MW			
NGC 6440		17:48:52.8	-20:21:37.5	MW			
NGC 6441		17:50:13.1	-37:03:05.2	MW			
NGC 6453		17:50:51.7	-34:35:54.5	MW			
NGC 6496		17:59:03.7	-44:15:57.4	MW			
NGC 6517		18:01:50.6	-08:57:31.6	MW			
NGC 6522		18:03:34.1	-30:02:02.3	MW			
NGC 6528		18:04:49.6	-30:03:20.8	MW			
NGC 6535		18:03:50.5	-00:17:51.5	MW			
NGC 6539		18:04:49.7	-07:35:09.1	MW			
NGC 6540	Djorg 3 MWSC 2804	18:06:08.6	-27:45:55.0	MW			
NGC 6541		18:08:02.4	-43:42:53.6	MW			
NGC 6544		18:07:20.1	-24:59:53.6	MW			
NGC 6553		18:09:17.5	-25:54:29.0	MW			

Table 26 *continued on next page*

Table 26 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
NGC 6558		18:10:17.8	-31:45:52.2	MW			
NGC 6569	ESO 456-77	18:13:38.8	-31:49:36.8	MW			
NGC 6584		18:18:37.6	-52:12:56.8	MW			
NGC 6624		18:23:40.5	-30:21:39.7	MW			
NGC 6626	M 28	18:24:32.9	-24:52:11.4	MW			
NGC 6637	M 69	18:31:23.1	-32:20:53.1	MW			
NGC 6638	Gcl 95	18:30:56.1	-25:29:50.9	MW			
NGC 6642	MWSC 2941	18:31:54.2	-23:28:32.2	MW			
NGC 6652		18:35:45.6	-32:59:26.6	MW			
NGC 6656	M 22	18:36:23.9	-23:54:17.1	MW			
NGC 6681	M 70	18:43:12.8	-32:17:31.6	MW			
NGC 6712		18:53:04.3	-08:42:21.5	MW			
NGC 6715	M 54	18:55:03.3	-30:28:47.5	Sagittarius			
NGC 6717	Palomar 9	18:55:06.0	-22:42:05.3	MW			
NGC 6723		18:59:33.1	-36:37:56.1	MW			
NGC 6749		19:05:15.4	+01:53:59.1	MW			
NGC 6752		19:10:52.1	-59:59:04.4	MW			
NGC 6760		19:11:12.1	+01:01:49.7	MW			
NGC 6779	M 56	19:16:35.6	+30:11:00.5	MW			
NGC 6809	M 55	19:39:59.7	-30:57:53.1	MW			
NGC 6838	M 71	19:53:46.5	+18:46:45.1	MW			
NGC 6864	M 75	20:06:04.7	-21:55:16.2	MW			
NGC 6934		20:34:11.4	+07:24:16.1	MW			
NGC 6981	M 72	20:53:27.7	-12:32:14.3	MW			
NGC 7078	M 15	21:29:58.3	+12:10:01.2	MW			
NGC 7089	M 2	21:33:27.0	-00:49:23.7	MW			
NGC 7099	M 30	21:40:22.1	-23:10:47.5	MW			
UKS 1		17:54:27.2	-24:08:43.0	MW			
NGC 5694		14:39:36.3	-26:32:19.6	MW	Herschel (1786)		
NGC 7006		21:01:29.4	+16:11:14.4	MW	Herschel (1786)		

Table 26 *continued on next page*

Table 26 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
NGC 6229		16:46:58.9	+47:31:40.1	MW	Herschel (1789)		
NGC 2419		07:38:08.5	+38:52:55.0	Sagittarius	Herschel (1802)		GC
NGC 7492		23:08:26.7	-15:36:41.3	MW	Herschel (1789)		
NGC 5897		15:03:58.6	-33:04:05.3	Sagittarius	Dunlop (1828)		
Palomar 1		03:33:20.0	+79:34:51.8	MW	Abell (1955)		
Palomar 2		04:46:05.9	+31:22:53.4	MW	Abell (1955)		
					Wilson (1955)		
Palomar 3	Sextans C	10:05:31.6	+00:04:18.0	MW	Abell (1955)		
	UGC 05439				Wilson (1955)		
Palomar 4	UGCA 237	11:29:16.4	+28:58:24.1	MW	Abell (1955)		
					Wilson (1955)		
Palomar 5		15:16:04.6	-00:07:15.6	MW	Abell (1955)		
Palomar 6	ESO 520-21	17:43:42.2	-26:13:30.0	MW	Abell (1955)		
Palomar 8		18:41:30.5	-19:49:43.9	MW	Abell (1955)		
Palomar 10		19:18:02.1	+18:34:18.0	MW	Abell (1955)		
Palomar 11		19:45:14.4	-08:00:26.0	MW	Abell (1955)		
Palomar 12		21:46:38.8	-21:15:09.4	Sagittarius	Abell (1955)		
Palomar 13	UGCA 435	23:06:44.4	+12:46:17.5	MW	Wilson (1955)		
					Abell (1955)		
Palomar 15	UGC 10642	16:59:51.0	-00:32:20.4	MW	Zwicky (1959)		
Ton 2	ESO 333-16	17:36:10.1	-38:33:22.0	MW	Pišmiš (1959)		
	Pismis 26						
	Tonantzintla 2						
Palomar 14	AvdB	16:11:00.6	+14:57:28.0	MW	Arp & van den Bergh (1960)		GC
Rup 106	Ruprecht 106	12:38:40.2	-51:09:01.0	MW	Alter et al. (1961)		
Terzan 1	HP2	17:35:47.2	-30:28:54.4	MW	Terzan (1966)		
	ESO 455-23						
	Haute-Provence 2						
	MWSC 2635						
Terzan 2	HP 3	17:27:33.1	-30:48:08.4	MW	Terzan (1967)		

Table 26 *continued on next page*

Table 26 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
	ESO 454-29						
	MWSC 2600						
	Haute-Provence 3						
	BH 228						
Terzan 3		16:28:39.0	-35:20:23.4	MW	Terzan (1968)		
Terzan 4	HP 4	17:30:39.0	-31:35:43.9	MW	Terzan (1968)		
	Gcl 66.1						
Terzan 5	Terzan 11	17:48:04.8	-24:46:44.6	MW	Terzan (1968)		
Terzan 6	ESO 455-49	17:50:46.9	-31:16:30.1	MW	Terzan (1968)		
	Haute-Provence 5 (HP 5)						
	BH 249						
	MWSC 2719						
Terzan 7		19:17:43.9	-34:39:27.8	Sagittarius	Terzan (1968)		
Terzan 8	ESO 398-SC 021	19:41:44.4	-33:59:58.1	Sagittarius	Terzan (1968)		
Terzan 9	Gcl 80.1	18:01:38.8	-26:50:23.0	MW	Terzan (1971)		
	MWSC 2778						
Terzan 10	ESO 521-16	18:02:57.8	-26:04:01.0	MW	Terzan (1971)		
	MWSC 2793						
Terzan 12	ESO 522-1	18:12:15.8	-22:44:31.0	MW	Terzan (1971)		
	MWSC 2838						
AM 1	E 1	03:55:02.3	-49:36:55.0	MW	Lauberts (1976)		
Eridanus		04:24:44.5	-21:11:12.4	MW	Cesarsky et al. (1977)		
Djorgobski 2	ESO456	18:01:49.1	-27:49:32.9	MW	Holmberg et al. (1978)		
	Djorg 2				Djorgovski (1987)		
	ESO 456-38						
	MWSC 2779						
ESO 452-SC11		16:39:25.0	-28:23:57.0	MW	Lauberts et al. (1981)		
AM 4		13:56:21.4	-27:09:54.6	MW	Madore & Arp (1982)		
Djorgobski 1	Djorg 1	17:47:28.7	-33:03:59.0	MW	Djorgovski (1987)		
Pyxis	C J0907-372	09:07:56.9	-37:13:35.8	MW	Weinberger (1995)		

Table 26 *continued on next page*

Table 26 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Candidate	Type
		deg	deg				
					Da Costa (1995)		
					Irwin et al. (1995)		
2MASS GC-01		18:08:21.8	-19:49:47.0	MW	Hurt et al. (2000)		
2MASS GC-02		18:09:36.5	-20:46:44.0	MW	Hurt et al. (2000)		
Whiting 1	WHI B0200-03	02:02:57.0	-03:15:10.0	Sagittarius	Whiting et al. (2002)		
Glimpse 1	GLIMPSE-C01	18:48:49.7	-01:29:50.0	MW	Kobulnicky et al. (2005)		
					Mercer et al. (2005)		
Glimpse 2	GLIMPSE-C02	18:18:30.5	-16:58:38.0	MW	Mercer et al. (2005)		
	Mercer 3				Kurtev et al. (2008)		
					Strader & Kobulnicky (2008)		
FSR 1735	2MASS GC-03	16:52:10.6	-47:03:29.0	MW	Froebrich et al. (2007)		

Note—

Table 27. Properties of Milky Way Harris catalog globular clusters

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
2MASS GC-01	272.0909	-19.8297	4.07			4.0	12.64 ± 0.40	$3.4^{+0.7}_{-0.6}$	6.6	-6.1	a,b,c
2MASS GC-02	272.4021	-20.7789	1.39			1.0	$11.99^{+0.36}_{-0.40}$	$2.5^{+0.5}_{-0.4}$	8.7	-3.3	a,b,c
AM 1	58.7596	-49.6153	0.43			14.9	20.38 ± 0.06	$118.9^{+3.4}_{-3.3}$	14.3	-6.1 ± 0.1	a,b,c
AM 4	209.0891	-27.1652	0.77			6.5	17.31 ± 0.07	$29.0^{+1.0}_{-0.9}$	15.7	-1.7	a,c,d
ARP 2	292.1838	-30.3556	1.70			14.2	17.29 ± 0.03	28.7 ± 0.3	11.3	-6.0 ± 0.0	a,b,c
BH 176	234.7810	-50.0527	0.90			4.0	15.91	15.2	11.6	-4.3	e
BH 261	273.5275	-28.6350	1.65			2.9	13.93 ± 0.09	6.1 ± 0.3	10.2	-3.8 ± 0.0	a,b,c
Djorgobski 1	266.8696	-33.0664	1.43			4.1	14.97 ± 0.14	$9.9^{+0.7}_{-0.6}$	8.2	-6.8 ± 0.1	a,b,c
Djorgobski 2	270.4544	-27.8258	1.82			4.6	14.71 ± 0.04	8.8 ± 0.2	8.2	-6.5 ± 0.1	a,b,c
E 3	140.2378	-77.2819	1.92			4.4	14.48 ± 0.07	$7.9^{+0.3}_{-0.2}$	10.9	-3.6 ± 0.0	a,b,c
Eridanus	66.1856	-21.1868	0.55			13.5	19.64 ± 0.07	$84.7^{+2.9}_{-2.8}$	14.2	-5.4 ± 0.0	a,b,c
ESO 280-SC06	272.2750	-46.4233	1.15			7.0	16.61 ± 0.07	$20.9^{+0.7}_{-0.6}$	11.7	-4.9 ± 0.2	a,b,f
ESO 452-SC11	249.8542	-28.3992	1.15			2.5	14.34 ± 0.06	7.4 ± 0.2	10.3	-4.0 ± 0.1	a,b,c
FSR 1735	253.0442	-47.0581	0.79			2.1	14.79 ± 0.13	9.1 ± 0.5	7.9	-6.9 ± 0.1	a,b,c
Glimpse 1	282.2071	-1.4972	0.60			0.5	$12.46^{+0.33}_{-0.38}$	3.1 ± 0.5	4.0	-8.4	g
Glimpse 2	274.6271	-16.9772	1.73			2.3	$13.30^{+0.31}_{-0.30}$	$4.6^{+0.7}_{-0.6}$	7.1	-6.2	h,i
HP 1	262.7717	-29.9817	1.52			3.1	14.22 ± 0.04	7.0 ± 0.1	7.6	-6.6 ± 0.1	a,b,c
IC 1257	261.7854	-7.0931	0.53			4.1	17.12 ± 0.12	$26.6^{+1.5}_{-1.4}$	12.0	-5.2	a,b,c
IC 1276	272.6844	-7.2076	2.42			3.2	13.29 ± 0.12	$4.6^{+0.3}_{-0.2}$	6.6	-6.7 ± 0.1	a,b,c
IC 4499	225.0772	-82.2138	1.87			10.3	16.38 ± 0.03	18.9 ± 0.3	9.1	-7.3 ± 0.1	a,b,c
Liller 1	263.3523	-33.3896	0.55			1.3	14.53 ± 0.09	$8.1^{+0.4}_{-0.3}$	5.5	-9.0 ± 0.2	a,b,c
Lynga 7	242.7652	-55.3178	1.70			3.9	14.49 ± 0.04	7.9 ± 0.2	7.6	-6.9 ± 0.1	a,b,c
NGC 104	6.0238	-72.0813	3.07			4.0	13.28 ± 0.01	4.5 ± 0.0	4.0	-9.3 ± 0.1	a,b,c
NGC 288	13.1885	-26.5826	2.23			5.8	14.77 ± 0.02	9.0 ± 0.1	8.0	-6.8 ± 0.0	a,b,c
NGC 362	15.8094	-70.8488	0.86			2.2	14.73 ± 0.02	8.8 ± 0.1	6.3	-8.4 ± 0.0	a,b,c
NGC 1261	48.0675	-55.2162	0.68			3.2	16.07 ± 0.03	16.4 ± 0.2	8.3	-7.8 ± 0.0	a,b,c
NGC 1851	78.5282	-40.0466	0.50			1.7	15.39 ± 0.02	12.0 ± 0.1	7.0	-8.4 ± 0.0	a,b,c

Table 27 *continued on next page*

Table 27 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
NGC 1904	81.0458	-24.5244	0.68			2.6	15.58 ± 0.03	13.1 ± 0.2	7.9	-7.7 ± 0.0	a,b,c
NGC 2298	102.2475	-36.0053	0.84			2.4	14.96 ± 0.04	9.8 ± 0.2	8.6	-6.3 ± 0.0	a,b,c
NGC 2419	114.5353	38.8819	0.77			19.8	19.73 ± 0.06	88.5 ± 2.4	10.3	-9.4 ± 0.0	a,b,c
NGC 2808	138.0129	-64.8635	0.84			2.5	15.01 ± 0.02	10.1 ± 0.1	5.5	-9.6 ± 0.0	a,b,c
NGC 3201	154.4034	-46.4125	3.75			5.2	13.38 ± 0.02	4.7 ± 0.0	6.0	-7.3 ± 0.0	a,b,c
NGC 4147	182.5263	18.5426	0.47			2.5	16.34 ± 0.03	18.5 ± 0.2	10.2	-6.1 ± 0.0	a,b,c
NGC 4372	186.4391	-72.6591	3.47			5.8	13.78 ± 0.08	5.7 ± 0.2	6.2	-7.6 ± 0.1	a,b,c
NGC 4590	189.8666	-26.7441	1.47			4.4	15.09 ± 0.02	10.4 ± 0.1	7.8	-7.2 ± 0.0	a,b,c
NGC 4833	194.8913	-70.8765	1.73			3.3	14.06 ± 0.03	6.5 ± 0.1	6.2	-7.9 ± 0.0	a,b,c
NGC 5024	198.2302	18.1682	1.20			6.5	16.34 ± 0.02	18.5 ± 0.2	7.6	-8.7 ± 0.0	a,b,c
NGC 5053	199.1129	17.7003	2.43			12.4	16.22 ± 0.03	17.5 ± 0.2	9.9	-6.3 ± 0.0	a,b,c
NGC 5139	201.6970	-47.4795	4.79			7.6	13.67 ± 0.02	5.4 ± 0.0	3.1	-10.5 ± 0.0	a,b,c
NGC 5272	205.5484	28.3773	1.15			3.4	15.04 ± 0.02	10.2 ± 0.1	6.4	-8.7 ± 0.0	a,b,c
NGC 5286	206.6117	-51.3742	0.73			2.4	15.23 ± 0.03	11.1 ± 0.1	6.6	-8.6 ± 0.0	a,b,c
NGC 5466	211.3637	28.5344	2.04			9.6	16.04 ± 0.02	16.1 ± 0.2	9.3	-6.7 ± 0.0	a,b,c
NGC 5634	217.4053	-5.9764	0.61			4.6	17.07 ± 0.05	26.0 ± 0.6	9.4	-7.7 ± 0.1	a,b,c
NGC 5694	219.9012	-26.5388	0.30			3.0	17.71 ± 0.05	34.8 ± 0.7	9.6	-8.1 ± 0.1	a,b,c
NGC 5897	225.9942	-33.0681	0.49			4.5	17.51 ± 0.04	31.7 ± 0.6	8.4	-9.1 ± 0.1	a,b,c
NGC 5897	229.3517	-21.0101	2.09			7.6	15.49 ± 0.04	12.5 ± 0.2	8.2	-7.3 ± 0.0	a,b,c
NGC 5904	229.6384	2.0810	1.62			3.5	14.37 ± 0.02	7.5 ± 0.1	5.9	-8.5 ± 0.0	a,b,c
NGC 5927	232.0029	-50.6730	1.29			3.1	14.59 ± 0.03	8.3 ± 0.1	6.3	-8.2 ± 0.0	a,b,c
NGC 5946	233.8691	-50.6597	0.70			2.0	14.92 ± 0.12	9.6 ± 0.5	7.8	-7.1 ± 0.1	a,b,c
NGC 5986	236.5125	-37.7864	0.93			2.9	15.11 ± 0.03	10.5 ± 0.1	6.8	-8.3 ± 0.0	a,b,c
NGC 6093	244.2600	-22.9761	0.64			1.9	15.07 ± 0.02	10.3 ± 0.1	6.9	-8.2 ± 0.0	a,b,c
NGC 6101	246.4505	-72.2022	2.28			9.6	15.80 ± 0.03	14.4 ± 0.2	8.5	-7.3 ± 0.0	a,b,c
NGC 6121	245.8967	-26.5257	4.65			2.5	11.34 ± 0.02	1.9 ± 0.0	4.3	-7.0 ± 0.0	a,b,c
NGC 6139	246.9185	-38.8488	0.63			1.8	15.01 ± 0.10	$10.0^{+0.5}_{-0.4}$	6.7	-8.3 ± 0.1	a,b,c
NGC 6144	246.8078	-26.0235	1.56			3.7	14.56 ± 0.03	8.2 ± 0.1	8.1	-6.4 ± 0.0	a,b,c
NGC 6171	248.1328	-13.0538	1.58			2.6	13.75 ± 0.03	5.6 ± 0.1	7.3	-6.5 ± 0.0	a,b,c
NGC 6205	250.4218	36.4599	1.61			3.5	14.35 ± 0.02	7.4 ± 0.1	5.8	-8.6 ± 0.0	a,b,c

Table 27 *continued on next page*

Table 27 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
NGC 6218	251.8091	-1.9485	1.83			2.7	13.54 ± 0.02	5.1 ± 0.0	6.5	-7.0 ± 0.0	a,b,c
NGC 6229	251.7452	47.5278	0.36			3.2	17.39 ± 0.03	30.1 ± 0.5	9.3	-8.1 ± 0.1	a,b,c
NGC 6235	253.3557	-22.1774	0.97			3.4	15.38 ± 0.07	11.9 ± 0.4	8.7	-6.7 ± 0.0	a,b,c
NGC 6254	254.2877	-4.1003	2.03			3.0	13.52 ± 0.03	5.1 ± 0.1	5.8	-7.8 ± 0.0	a,b,c
NGC 6256	254.8861	-37.1210	1.40			2.9	14.30 ± 0.09	7.2 ± 0.3	7.2	-7.1 ± 0.1	a,b,c
NGC 6266	255.3042	-30.1134	0.99			1.8	14.04 ± 0.04	6.4 ± 0.1	5.2	-8.9 ± 0.1	a,b,c
NGC 6273	255.6575	-26.2680	1.30			3.2	14.61 ± 0.04	8.3 ± 0.2	5.7	-8.9 ± 0.0	a,b,c
NGC 6284	256.1201	-24.7648	0.71			2.9	15.76 ± 0.06	14.2 ± 0.4	8.1	-7.6 ± 0.1	a,b,c
NGC 6287	256.2889	-22.7080	0.84			1.9	14.50 ± 0.10	7.9 ± 0.4	7.5	-6.9 ± 0.1	a,b,c
NGC 6293	257.5425	-26.5821	0.83			2.2	14.82 ± 0.07	9.2 ± 0.3	7.4	-7.4 ± 0.1	a,b,c
NGC 6304	258.6344	-29.4620	1.02			1.8	13.95 ± 0.05	6.2 ± 0.1	6.5	-7.4 ± 0.1	a,b,c
NGC 6316	259.1554	-28.1401	0.97			3.1	$15.24^{+0.07}_{-0.08}$	11.2 ± 0.4	7.3	-7.9 ± 0.2	a,b,c
NGC 6325	259.4963	-23.7677	0.79			1.7	14.38 ± 0.09	7.5 ± 0.3	8.1	-6.3 ± 0.0	a,b,c
NGC 6333	259.7991	-18.5163	1.13			2.7	14.60 ± 0.04	8.3 ± 0.1	6.5	-8.1 ± 0.0	a,b,c
NGC 6341	259.2808	43.1359	0.82			2.0	14.65 ± 0.02	8.5 ± 0.1	6.5	-8.2 ± 0.0	a,b,c
NGC 6342	260.2916	-19.5877	0.64			1.5	14.52 ± 0.06	8.0 ± 0.2	8.4	-6.1 ± 0.1	a,b,c
NGC 6352	261.3713	-48.4222	2.00			3.2	13.72 ± 0.03	5.5 ± 0.1	7.4	-6.3 ± 0.0	a,b,c
NGC 6355	260.9935	-26.3528	0.94			2.4	14.69 ± 0.06	8.7 ± 0.2	7.5	-7.1 ± 0.1	a,b,c
NGC 6356	260.8958	-17.8130	0.88			4.0	15.97 ± 0.13	15.7 ± 0.9	7.5	-8.5 ± 0.1	a,b,c
NGC 6362	262.9791	-67.0483	2.31			5.1	14.42 ± 0.02	7.6 ± 0.1	7.2	-7.2 ± 0.0	a,b,c
NGC 6366	261.9344	-5.0799	3.78			3.8	12.69 ± 0.03	3.4 ± 0.1	6.7	-6.0 ± 0.0	a,b,c
NGC 6380	263.6186	-39.0695	1.12			3.1	14.91 ± 0.07	9.6 ± 0.3	7.1	-7.8 ± 0.1	a,b,c
NGC 6388	264.0718	-44.7355	0.80			2.6	15.24 ± 0.03	11.2 ± 0.2	5.7	-9.6 ± 0.0	a,b,c
NGC 6397	265.1754	-53.6743	3.01			2.2	11.97 ± 0.02	2.5 ± 0.0	4.9	-7.1 ± 0.0	a,b,c
NGC 6401	264.6522	-23.9096	1.07			2.5	14.53 ± 0.06	8.1 ± 0.2	7.1	-7.4 ± 0.1	a,b,c
NGC 6402	264.4007	-3.2459	1.33			3.5	14.81 ± 0.06	$9.1^{+0.3}_{-0.2}$	6.0	-8.8 ± 0.1	a,b,c
NGC 6426	266.2280	3.1701	0.86			5.2	16.58 ± 0.04	$20.7^{+0.4}_{-0.3}$	10.0	-6.6 ± 0.0	a,b,c
NGC 6440	267.2202	-20.3604	0.55			1.3	14.58 ± 0.06	8.2 ± 0.2	5.7	-8.9 ± 0.1	a,b,c
NGC 6441	267.5544	-37.0514	0.58			2.1	15.52 ± 0.03	12.7 ± 0.2	5.7	-9.9 ± 0.1	a,b,c
NGC 6453	267.7155	-34.5985	0.94			2.8	15.02 ± 0.05	10.1 ± 0.2	7.2	-7.8 ± 0.1	a,b,c

Table 27 *continued on next page*

Table 27 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
NGC 6496	269.7654	-44.2659	1.52			4.3	14.92 ± 0.03	$9.6^{+0.2}_{-0.1}$	8.2	-6.7 ± 0.1	a,b,c
NGC 6517	270.4608	-8.9588	0.63			1.7	14.82 ± 0.13	$9.2^{+0.6}_{-0.5}$	7.4	-7.5 ± 0.1	a,b,c
NGC 6522	270.8920	-30.0340	1.17			2.5	14.31 ± 0.06	7.3 ± 0.2	6.8	-7.5 ± 0.0	a,b,c
NGC 6528	271.2067	-30.0558	1.08			2.5	14.47 ± 0.07	7.8 ± 0.2	8.0	-6.4 ± 0.1	a,b,c
NGC 6535	270.9604	-0.2976	1.46			2.7	14.02 ± 0.04	6.4 ± 0.1	9.1	-5.0 ± 0.0	a,b,c
NGC 6539	271.2073	-7.5859	1.55			3.7	14.56 ± 0.10	8.2 ± 0.4	6.8	-7.8 ± 0.0	a,b,c
NGC 6540	271.5357	-27.7653	1.54			2.6	13.86 ± 0.10	5.9 ± 0.3	7.7	-6.2 ± 0.1	a,b,c
NGC 6541	272.0098	-43.7149	1.03			2.3	14.41 ± 0.03	7.6 ± 0.1	6.2	-8.2 ± 0.0	a,b,c
NGC 6544	271.8338	-24.9982	2.05			1.5	12.06 ± 0.05	2.6 ± 0.1	5.5	-6.6 ± 0.2	a,b,c
NGC 6553	272.3230	-25.9081	1.48			2.3	13.63 ± 0.05	5.3 ± 0.1	6.1	-7.5 ± 0.1	a,b,c
NGC 6558	272.5740	-31.7645	0.68			1.5	14.37 ± 0.08	7.5 ± 0.3	8.3	-6.1 ± 0.1	a,b,c
NGC 6569	273.4117	-31.8269	$0.68^{+0.14}_{-0.17}$			2.1 ± 0.5	15.11 ± 0.05	10.5 ± 0.3	7.4	-7.7 ± 0.0	b,c,j
NGC 6584	274.6566	-52.2158	0.88			3.5	15.67 ± 0.03	13.6 ± 0.2	8.3	-7.4 ± 0.0	a,b,c
NGC 6624	275.9188	-30.3610	0.73			1.7	14.52 ± 0.03	8.0 ± 0.1	7.2	-7.4 ± 0.1	a,b,c
NGC 6626	276.1370	-24.8698	1.03			1.6	13.65 ± 0.04	5.4 ± 0.1	5.6	-8.0 ± 0.1	a,b,c
NGC 6637	277.8463	-32.3481	0.93			2.4	14.75 ± 0.03	8.9 ± 0.1	7.2	-7.6 ± 0.0	a,b,c
NGC 6638	277.7337	-25.4975	0.65			1.8	$14.95^{+0.08}_{-0.07}$	9.8 ± 0.3	7.5	-7.4 ± 0.1	a,b,c
NGC 6642	277.9760	-23.4756	0.59			1.4	14.53 ± 0.05	8.1 ± 0.2	8.2	-6.3 ± 0.1	a,b,c
NGC 6652	278.9401	-32.9907	0.53			1.5	14.88 ± 0.03	9.5 ± 0.1	8.6	-6.2 ± 0.0	a,b,c
NGC 6656	279.0998	-23.9047	3.31			3.2	12.60 ± 0.02	3.3 ± 0.0	4.0	-8.6 ± 0.0	a,b,c
NGC 6681	280.8032	-32.2921	0.79			2.2	14.86 ± 0.03	9.4 ± 0.1	7.7	-7.2 ± 0.0	a,b,c
NGC 6712	283.2680	-8.7060	1.19			2.6	14.34 ± 0.07	7.4 ± 0.2	7.2	-7.1 ± 0.0	a,b,c
NGC 6715	283.7639	-30.4799	0.47			3.6	17.10 ± 0.03	26.3 ± 0.3	7.1	-10.0 ± 0.1	a,b,c
NGC 6717	283.7752	-22.7015	1.20			2.6	14.38 ± 0.04	7.5 ± 0.1	8.3	-6.1 ± 0.0	a,b,c
NGC 6723	284.8881	-36.6322	1.51			3.6	14.59 ± 0.03	8.3 ± 0.1	7.1	-7.5 ± 0.0	a,b,c
NGC 6749	286.3141	1.8998	1.89			4.2	14.40 ± 0.06	7.6 ± 0.2	6.3	-8.1 ± 0.1	a,b,c
NGC 6752	287.7171	-59.9846	2.39			2.9	13.08 ± 0.02	4.1 ± 0.0	5.2	-7.9 ± 0.1	a,b,c
NGC 6760	287.8003	1.0305	1.37			3.4	14.62 ± 0.11	8.4 ± 0.4	6.5	-8.1 ± 0.1	a,b,c
NGC 6779	289.1482	30.1835	0.98			3.0	15.09 ± 0.03	10.4 ± 0.1	7.3	-7.7 ± 0.1	a,b,c
NGC 6809	294.9988	-30.9647	2.96			4.6	13.64 ± 0.02	5.3 ± 0.1	6.0	-7.6 ± 0.0	a,b,c

Table 27 *continued on next page*

Table 27 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
NGC 6838	298.4437	18.7792	2.85			3.3	13.01 ± 0.03	$4.0^{+0.1}_{-0.0}$	6.4	-6.6 ± 0.0	a,b,c
NGC 6864	301.5198	-21.9212	0.54 ± 0.02			3.2 ± 0.1	16.56 ± 0.05	$20.5^{+0.5}_{-0.4}$	8.0	-8.5 ± 0.0	b,c,k
NGC 6934	308.5474	7.4045	0.65			3.0	15.98 ± 0.02	15.7 ± 0.2	8.4	-7.6 ± 0.0	a,b,c
NGC 6981	313.3654	-12.5373	0.85			4.1	16.11 ± 0.02	16.7 ± 0.2	9.2	-6.9 ± 0.0	a,b,c
NGC 7006	315.3726	16.1873	0.38			4.3	17.97 ± 0.03	39.3 ± 0.6	10.5	-7.5 ± 0.0	a,b,c
NGC 7078	322.4930	12.1670	0.65			2.0	15.15 ± 0.02	10.7 ± 0.1	6.0	-9.2 ± 0.1	a,b,c
NGC 7089	323.3626	-0.8233	0.90			3.1	15.34 ± 0.02	11.7 ± 0.1	6.3	-9.1 ± 0.0	a,b,c
NGC 7099	325.0921	-23.1799	1.03			2.5	14.64 ± 0.02	8.5 ± 0.1	7.3	-7.4 ± 0.1	a,b,c
NGC 7492	347.1112	-15.6115	1.07			7.6	16.94 ± 0.05	24.4 ± 0.6	11.1	-5.9 ± 0.0	a,b,c
Palomar 1	53.3335	79.5811	0.62			2.0	15.24 ± 0.06	11.2 ± 0.3	12.7	-2.5 ± 0.5	a,c,l
Palomar 2	71.5246	31.3815	0.63			4.8	17.09 ± 0.11	26.2 ± 1.3	8.8	-8.3 ± 0.1	a,b,c
Palomar 3	151.3816	0.0717	0.73			20.1	19.89 ± 0.07	$94.8^{+3.3}_{-3.2}$	14.4	-5.4 ± 0.0	a,b,c
Palomar 4	172.3183	28.9734	0.54			15.9	20.03 ± 0.06	$101.4^{+2.6}_{-2.5}$	14.2	-5.9 ± 0.0	a,b,c
Palomar 5	229.0192	-0.1210	3.21 ± 0.06			$20.4^{+0.7}_{-0.6}$	16.71 ± 0.05	21.9 ± 0.5	11.8	-4.9 ± 0.0	b,c,m
Palomar 6	265.9258	-26.2250	1.11			2.3	14.24 ± 0.14	$7.0^{+0.5}_{-0.4}$	7.1	-7.1 ± 0.1	a,b,c
Palomar 8	280.3773	-19.8289	1.05			3.5	15.27 ± 0.12	$11.3^{+0.7}_{-0.6}$	9.1	-6.1 ± 0.1	a,b,c
Palomar 10	289.5087	18.5717	1.55			4.0	$14.76^{+0.29}_{-0.28}$	$8.9^{+1.3}_{-1.1}$	7.2	-7.5 ± 0.0	a,b,c
Palomar 11	296.3100	-8.0072	1.50			6.1	15.73 ± 0.08	14.0 ± 0.5	10.6	-5.1 ± 0.0	a,b,c
Palomar 12	326.6618	-21.2526	1.31			7.0	16.34 ± 0.04	18.5 ± 0.3	11.9	-4.4 ± 0.0	a,b,c
Palomar 13	346.6852	12.7715	1.72			11.7	16.85 ± 0.04	23.5 ± 0.4	13.7	-3.1 ± 0.1	a,b,c
Palomar 14	242.7525	14.9578	1.29			27.6	19.33 ± 0.05	73.6 ± 1.6	14.0	-5.3 ± 0.0	a,b,c
Palomar 15	254.9626	-0.5390	1.56			20.0	18.22 ± 0.06	$44.1^{+1.2}_{-1.1}$	12.7	-5.6 ± 0.1	a,b,c
Pyxis	136.9869	-37.2266	1.60			17.0	17.81 ± 0.04	36.5 ± 0.7	12.3	-5.5 ± 0.0	a,b,c
Rup 106	189.6675	-51.1503	1.26			7.6	16.58 ± 0.04	20.7 ± 0.4	10.4	-6.2 ± 0.0	a,b,c
Terzan 1	263.9467	-30.4818	0.89			1.5	13.77 ± 0.07	5.7 ± 0.2	6.3	-7.5 ± 0.1	a,b,c
Terzan 2	261.8879	-30.8023	1.06			2.4	14.45 ± 0.09	7.8 ± 0.3	7.3	-7.1 ± 0.1	a,b,c
Terzan 3	247.1625	-35.3398	2.11			4.7	14.42 ± 0.09	7.6 ± 0.3	8.3	-6.1 ± 0.2	a,b,c
Terzan 4	262.6625	-31.5955	1.48			3.3	14.40 ± 0.09	7.6 ± 0.3	7.1	-7.3 ± 0.3	a,b,c
Terzan 5	267.0202	-24.7791	0.92			1.8	14.10 ± 0.05	$6.6^{+0.2}_{-0.1}$	5.0	-9.1 ± 0.1	a,b,c
Terzan 6	267.6954	-31.2750	0.50			1.1	14.31 ± 0.10	$7.3^{+0.4}_{-0.3}$	7.2	-7.1 ± 0.1	a,b,c

Table 27 *continued on next page*

Table 27 *(continued)*

Name	RA	DEC	r_h	ϵ	θ	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	arcmin		deg	pc		kpc			
Terzan 7	289.4330	-34.6577	0.90			6.4	16.93 ± 0.04	24.3 ± 0.5	11.6	-5.3 ± 0.0	a,b,c
Terzan 8	295.4350	-33.9995	1.89			15.1	17.20 ± 0.03	27.5 ± 0.4	10.7	-6.5 ± 0.0	a,b,c
Terzan 9	270.4117	-26.8397	0.99			1.7	13.81 ± 0.13	$5.8^{+0.4}_{-0.3}$	7.2	-6.6 ± 0.1	a,b,c
Terzan 10	270.7408	-26.0669	1.16			3.4	15.05 ± 0.09	10.2 ± 0.4	8.0	-7.0 ± 0.1	a,b,c
Terzan 12	273.0658	-22.7419	1.18			1.8	13.57 ± 0.16	5.2 ± 0.4	7.5	-6.1 ± 0.1	a,b,c
Ton 2	264.0420	-38.5561	1.41			2.9	14.22 ± 0.10	7.0 ± 0.3	7.4	-6.8 ± 0.1	a,b,c
UKS 1	268.6133	-24.1453	0.66			3.0	15.96 ± 0.08	$15.6^{+0.6}_{-0.5}$	9.2	-6.8	a,b,c
Whiting 1	30.7375	-3.2528	1.06			9.4	17.43 ± 0.08	$30.6^{+1.2}_{-1.1}$	13.2	-4.2 ± 0.1	a,b,c

NOTE—Citations: (a) Baumgardt & Hilker (2018) (b) Baumgardt et al. (2020) (c) Baumgardt & Vasiliev (2021) (d) Hamren et al. (2013) (e) Harris (1996) (f) Simpson (2018) (g) Kobulnicky et al. (2005) (h) Kurtev et al. (2008) (i) Strader & Kobulnicky (2008) (j) Pallanca et al. (2023) (k) Leanza et al. (2024) (l) Rosenberg et al. (1998) (m) Gieles et al. (2021)

Table 28. Properties of Milky Way Harris catalog globular clusters

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
2MASS GC-01	10.4710	0.1001	-31.3 ± 0.5							a
2MASS GC-02	9.7821	-0.6152	-87.0 ± 7.0							b
AM 1	258.3613	-48.4707	118.0 ± 14.1		-1.70		11.1 ± 0.6	0.291 ± 0.107	-0.177 ± 0.086	a,c,d,e
AM 4	320.2830	33.5098	151.2 ± 2.9		-1.30		9.0 ± 0.5	-0.291 ± 0.445	-2.512 ± 0.344	a,f,c,e
ARP 2	8.5454	-20.7854	122.6 ± 0.3		-1.75		12.0 ± 0.5	-2.331 ± 0.031	-1.475 ± 0.029	a,c,d,e
BH 176	328.4131	4.3366	90.3 ± 0.3		0.00			-3.989 ± 0.029	-3.057 ± 0.029	a,c,e
BH 261	3.3617	-5.2704	-61.0 ± 2.6	6.10 ± 1.90	$-1.07^{+0.11}_{-0.10}$	< 0.38		3.566 ± 0.043	-3.590 ± 0.037	g,e
Djorgobski 1	356.6750	-2.4836	-359.2 ± 1.6		-1.51			-4.693 ± 0.046	-8.468 ± 0.041	a,c,e
Djorgobski 2	2.7635	-2.5083	-149.8 ± 1.1		-1.05 ± 0.08			0.662 ± 0.042	-2.983 ± 0.037	a,h,e
E 3	292.2682	-19.0170	11.7 ± 0.3		-0.83		12.8 ± 1.4	-2.727 ± 0.027	7.083 ± 0.027	a,f,c,e
Eridanus	218.1060	-41.3320	-23.1 ± 0.7		-1.43		9.7 ± 0.8	0.510 ± 0.039	-0.301 ± 0.041	a,c,d,e
ESO 280-SC06	346.8985	-12.5710	92.5 ± 2.0		$-2.48^{+0.06}_{-0.11}$			-0.688 ± 0.039	-2.777 ± 0.033	i,e
ESO 452-SC11	351.9094	12.0976	16.4 ± 0.4		-1.50			-1.423 ± 0.031	-6.472 ± 0.030	a,c,e
FSR 1735	339.1876	-1.8532	-69.8 ± 4.9					-4.439 ± 0.054	-1.534 ± 0.048	a,e
Glimpse 1	31.3020	-0.1022								
Glimpse 2	14.1277	-0.6452								
HP 1	357.4252	2.1150	39.8 ± 1.2		0.10			2.523 ± 0.039	-10.093 ± 0.037	a,j,e
IC 1257	16.5278	15.1450	-138.0 ± 2.0		-1.70			-1.007 ± 0.040	-1.492 ± 0.032	a,c,e
IC 1276	21.8321	5.6683	155.1 ± 0.7		-0.75			-2.553 ± 0.026	-4.568 ± 0.026	a,c,e
IC 4499	307.3537	-20.4734	38.4 ± 0.3		0.12		12.0 ± 0.8	0.466 ± 0.025	-0.489 ± 0.025	a,k,l,e
Liller 1	354.8403	-0.1606	60.4 ± 2.4		-0.33			-5.403 ± 0.109	-7.431 ± 0.077	a,c,e
Lynga 7	328.7691	-2.7973	17.9 ± 0.8		-1.01		13.5 ± 1.0	-3.851 ± 0.027	-7.050 ± 0.027	a,c,d,e
NGC 104	305.8947	-44.8893	-17.4 ± 0.2		-0.72		12.5 ± 0.5	5.252 ± 0.021	-2.551 ± 0.021	a,c,d,e
NGC 288	151.2852	-89.3804	-44.5 ± 0.1		-1.32		11.5 ± 0.4	4.164 ± 0.024	-5.705 ± 0.024	a,c,d,e
NGC 362	301.5330	-46.2474	223.1 ± 0.3		-1.26		10.9 ± 0.4	6.694 ± 0.025	-2.535 ± 0.024	a,c,d,e
NGC 1261	270.5387	-52.1244	71.3 ± 0.2		-1.27		10.8 ± 0.4	1.596 ± 0.025	-2.064 ± 0.025	a,c,d,e
NGC 1851	244.5132	-35.0360	321.4 ± 1.6		-1.18		10.5 ± 0.6	2.145 ± 0.024	-0.650 ± 0.024	a,c,d,e

Table 28 *continued on next page*

Table 28 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_{δ}	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
NGC 1904	227.2299	-29.3501	205.8 ± 0.2		-1.60		11.1 ± 0.9	2.469 ± 0.025	-1.594 ± 0.025	a,f,c,e
NGC 2298	245.6286	-16.0064	147.2 ± 0.6		-1.92		12.8 ± 0.6	3.320 ± 0.025	-2.175 ± 0.026	a,c,d,e
NGC 2419	180.3696	25.2415	-21.1 ± 0.3	4.61 ± 0.53	-2.15		12.7 ± 0.7	0.007 ± 0.028	-0.523 ± 0.026	a,c,d,e
NGC 2808	282.1930	-11.2526	103.6 ± 0.3		-1.14		10.9 ± 0.6	0.994 ± 0.024	0.273 ± 0.024	a,c,d,e
NGC 3201	277.2288	8.6404	493.6 ± 0.2		-1.59		11.2 ± 0.5	8.348 ± 0.022	-1.958 ± 0.022	a,c,d,e
NGC 4147	252.8483	77.1895	179.3 ± 0.3		-1.80		12.1 ± 0.5	-1.707 ± 0.027	-2.090 ± 0.027	a,c,d,e
NGC 4372	300.9932	-9.8841	75.6 ± 0.3		-2.17		12.5 ± 0.9	-6.409 ± 0.024	3.297 ± 0.024	a,f,c,e
NGC 4590	299.6258	36.0508	-93.1 ± 0.2		-2.23		12.2 ± 0.5	-2.739 ± 0.024	1.779 ± 0.024	a,c,d,e
NGC 4833	303.6040	-8.0154	202.0 ± 0.4		-1.85		12.7 ± 0.6	-8.377 ± 0.025	-0.963 ± 0.025	a,c,d,e
NGC 5024	332.9630	79.7642	-63.4 ± 0.2		-2.10		12.7 ± 0.4	-0.133 ± 0.024	-1.331 ± 0.024	a,c,d,e
NGC 5053	335.6988	78.9461	42.8 ± 0.2		-2.27		12.7 ± 0.5	-0.329 ± 0.025	-1.213 ± 0.025	a,c,d,e
NGC 5139	309.1020	14.9683	232.8 ± 0.2		-1.53		11.5 ± 0.6	-3.250 ± 0.022	-6.746 ± 0.022	a,f,c,e
NGC 5272	42.2169	78.7069	-147.2 ± 0.3		-1.50		11.9 ± 0.4	-0.152 ± 0.023	-2.670 ± 0.022	a,c,d,e
NGC 5286	311.6142	10.5678	62.4 ± 0.4		-1.69		12.7 ± 0.5	0.198 ± 0.025	-0.153 ± 0.025	a,c,d,e
NGC 5466	42.1502	73.5922	106.8 ± 0.2		-1.98		13.0 ± 0.5	-5.342 ± 0.025	-0.822 ± 0.024	a,c,d,e
NGC 5634	342.2097	49.2603	-16.1 ± 0.6		-1.88		11.8 ± 0.5	-1.692 ± 0.027	-1.478 ± 0.026	a,f,c,e
NGC 5694	331.0556	30.3600	-139.6 ± 0.5		-1.98		13.4 ± 0.9	-0.464 ± 0.029	-1.105 ± 0.029	a,f,c,e
NGC 5897	332.5549	22.0705	-25.2 ± 0.5		-1.91		12.8 ± 0.9	-1.189 ± 0.026	-2.234 ± 0.026	a,f,c,e
NGC 5897	342.9460	30.2943	101.3 ± 0.2		-1.90		12.3 ± 1.2	-5.422 ± 0.025	-3.393 ± 0.025	a,f,c,e
NGC 5904	3.8587	46.7964	53.5 ± 0.2		-1.29		11.5 ± 0.4	4.086 ± 0.023	-9.870 ± 0.023	a,c,d,e
NGC 5927	326.6041	4.8598	-104.1 ± 0.3		-0.49		11.9 ± 0.5	-5.056 ± 0.025	-3.217 ± 0.025	a,c,d,e
NGC 5946	327.5828	4.1909	137.6 ± 0.9		-1.29		11.4 ± 0.9	-5.331 ± 0.028	-1.657 ± 0.027	a,f,c,e
NGC 5986	337.0222	13.2684	101.2 ± 0.4		-1.59		12.6 ± 0.6	-4.192 ± 0.026	-4.568 ± 0.026	a,c,d,e
NGC 6093	352.6732	19.4630	10.9 ± 0.4		-1.75		13.0 ± 0.6	-2.934 ± 0.027	-5.578 ± 0.026	a,c,d,e
NGC 6101	317.7461	-15.8248	366.3 ± 0.3		-1.98		12.6 ± 0.5	1.756 ± 0.024	-0.258 ± 0.025	a,c,d,e
NGC 6121	350.9729	15.9722	71.2 ± 0.1		-1.16		12.2 ± 0.5	-12.514 ± 0.023	-19.022 ± 0.023	a,c,d,e
NGC 6139	342.3659	6.9388	24.4 ± 0.9		-1.65			-6.081 ± 0.027	-2.711 ± 0.026	a,c,e
NGC 6144	351.9289	15.7006	194.8 ± 0.6		-1.76		13.4 ± 0.5	-1.744 ± 0.026	-2.607 ± 0.026	a,c,d,e
NGC 6171	3.3733	23.0106	-34.7 ± 0.2		-1.02		12.9 ± 0.6	-1.939 ± 0.025	-5.979 ± 0.025	a,c,d,e
NGC 6205	59.0074	40.9129	-244.9 ± 0.3		-1.53		12.2 ± 0.4	-3.149 ± 0.023	-2.574 ± 0.023	a,c,d,e

Table 28 *continued on next page*

Table 28 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
NGC 6218	15.7152	26.3133	-41.7 ± 0.1		-1.37		13.0 ± 0.5	-0.191 ± 0.024	-6.802 ± 0.024	a,c,d,e
NGC 6229	73.6386	40.3063	-137.9 ± 0.7		-1.47			-1.171 ± 0.026	-0.467 ± 0.027	a,c,e
NGC 6235	358.9178	13.5182	126.7 ± 0.3		-1.28		11.4 ± 0.9	-3.931 ± 0.027	-7.587 ± 0.027	a,f,c,e
NGC 6254	15.1371	23.0760	74.2 ± 0.2		-1.56		12.1 ± 0.6	-4.758 ± 0.024	-6.597 ± 0.024	a,c,d,e
NGC 6256	347.7920	3.3067	-99.8 ± 0.7		-1.02			-3.715 ± 0.031	-1.637 ± 0.030	a,c,e
NGC 6266	353.5746	7.3178	-74.0 ± 0.7		-1.18		11.8 ± 0.9	-4.978 ± 0.026	-2.947 ± 0.026	a,f,c,e
NGC 6273	356.8689	9.3823	145.5 ± 0.6		-1.74		11.9 ± 0.9	-3.249 ± 0.026	1.660 ± 0.025	a,f,c,e
NGC 6284	358.3472	9.9390	28.6 ± 0.7		-1.26		11.1 ± 0.9	-3.200 ± 0.029	-2.002 ± 0.028	a,f,c,e
NGC 6287	0.1316	11.0233	-294.7 ± 1.6		-2.10		13.6 ± 0.9	-5.010 ± 0.029	-1.883 ± 0.028	a,f,c,e
NGC 6293	357.6202	7.8343	-143.7 ± 0.4		-1.99			0.870 ± 0.028	-4.326 ± 0.028	a,c,e
NGC 6304	355.8256	5.3755	-108.6 ± 0.4		-0.45		12.5 ± 0.6	-4.070 ± 0.029	-1.088 ± 0.028	a,c,d,e
NGC 6316	357.1754	5.7645	99.7 ± 0.8		-0.45			-4.969 ± 0.031	-4.592 ± 0.030	a,c,e
NGC 6325	0.9715	8.0029	29.5 ± 0.6		-1.25			-8.289 ± 0.030	-9.000 ± 0.029	a,c,e
NGC 6333	5.5444	10.7051	310.8 ± 2.1		-1.77			-2.180 ± 0.026	-3.222 ± 0.026	a,c,e
NGC 6341	68.3384	34.8589	-120.5 ± 0.3		-2.31		13.8 ± 0.8	-4.935 ± 0.024	-0.625 ± 0.024	a,c,e,m
NGC 6342	4.8982	9.7253	115.8 ± 0.9		-0.55		12.0 ± 0.9	-2.903 ± 0.027	-7.116 ± 0.026	a,f,c,e
NGC 6352	341.4214	-7.1662	-125.6 ± 1.0		-0.64		12.1 ± 0.5	-2.158 ± 0.025	-4.447 ± 0.025	a,c,d,e
NGC 6355	359.5851	5.4287	-195.8 ± 0.6		-1.37			-4.738 ± 0.031	-0.572 ± 0.030	a,c,e
NGC 6356	6.7237	10.2197	48.2 ± 1.8		-0.40			-3.750 ± 0.026	-3.392 ± 0.026	a,c,e
NGC 6362	325.5545	-17.5698	-14.6 ± 0.2		-0.99		12.9 ± 0.4	-5.506 ± 0.024	-4.763 ± 0.024	a,c,d,e
NGC 6366	18.4086	16.0356	-120.7 ± 0.2		-0.59		12.1 ± 0.7	-0.332 ± 0.025	-5.160 ± 0.024	a,c,d,e
NGC 6380	350.1820	-3.4219	-1.5 ± 0.7		-0.75			-2.183 ± 0.031	-3.233 ± 0.030	a,c,e
NGC 6388	345.5565	-6.7377	83.1 ± 0.5		-0.55		12.0 ± 1.0	-1.316 ± 0.026	-2.709 ± 0.026	a,k,c,e
NGC 6397	338.1650	-11.9595	18.5 ± 0.1		-2.02		13.1 ± 0.4	3.260 ± 0.023	-17.664 ± 0.022	a,c,d,e
NGC 6401	3.4504	3.9801	-105.4 ± 2.5		-1.00 ± 0.12			-2.748 ± 0.035	1.444 ± 0.034	a,n,e
NGC 6402	21.3239	14.8044	-60.7 ± 0.5		-1.28			-3.590 ± 0.025	-5.059 ± 0.025	a,c,e
NGC 6426	28.0870	16.2336	-210.5 ± 0.5		-2.15		12.9 ± 0.9	-1.828 ± 0.026	-2.999 ± 0.026	a,c,d,e
NGC 6440	7.7287	3.8007	-69.4 ± 0.9		-0.36			-1.187 ± 0.036	-4.020 ± 0.035	a,c,e
NGC 6441	353.5322	-5.0058	18.5 ± 0.6		-0.46		11.3 ± 0.9	-2.551 ± 0.028	-5.348 ± 0.028	a,k,c,e
NGC 6453	355.7180	-3.8722	-99.2 ± 1.2		-1.50			0.203 ± 0.036	-5.934 ± 0.037	a,c,e

Table 28 *continued on next page*

Table 28 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_{δ}	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
NGC 6496	348.0269	-10.0138	-134.7 ± 0.3		-0.46		11.7 ± 0.5	-3.060 ± 0.027	-9.271 ± 0.026	a,c,d,e
NGC 6517	19.2252	6.7625	-35.1 ± 1.6		-1.23			-1.551 ± 0.029	-4.470 ± 0.028	a,c,e
NGC 6522	1.0246	-3.9255	-15.2 ± 0.5		-1.34			-6.827 ± 0.059	-2.588 ± 0.050	a,c,e
NGC 6528	1.1386	-4.1741	211.9 ± 0.4		-0.11			-2.157 ± 0.043	-5.649 ± 0.039	a,c,e
NGC 6535	27.1755	10.4358	-214.8 ± 0.5		-1.79		12.2 ± 0.6	-4.214 ± 0.027	-2.939 ± 0.026	a,c,d,e
NGC 6539	20.7951	6.7757	35.2 ± 0.5		-0.63			-6.896 ± 0.026	-3.537 ± 0.026	a,c,e
NGC 6540	3.2850	-3.3129	-16.5 ± 0.8		-1.04 ± 0.15			-3.702 ± 0.032	-2.791 ± 0.032	a,n,e
NGC 6541	349.2861	-11.1882	-164.0 ± 0.5		-1.81		12.9 ± 0.5	0.287 ± 0.025	-8.847 ± 0.025	a,c,d,e
NGC 6544	5.8365	-2.2024	-38.5 ± 0.7		-1.40		10.4 ± 0.9	-2.304 ± 0.031	-18.604 ± 0.030	a,k,c,e
NGC 6553	5.2533	-3.0292	-0.3 ± 0.3		-0.18			0.344 ± 0.030	-0.454 ± 0.029	a,c,e
NGC 6558	0.1990	-6.0234	-195.1 ± 0.7		-1.32			-1.720 ± 0.036	-4.144 ± 0.034	a,c,e
NGC 6569	0.4809	-6.6809	-48.5 ± 0.3		-0.84 ± 0.01			-4.125 ± 0.028	-7.354 ± 0.028	o,p,e
NGC 6584	342.1435	-16.4139	260.6 ± 1.6		-1.50		11.8 ± 0.5	-0.090 ± 0.026	-7.202 ± 0.025	a,c,d,e
NGC 6624	2.7883	-7.9135	54.8 ± 0.4		-0.44		12.3 ± 0.5	0.124 ± 0.029	-6.936 ± 0.029	a,c,d,e
NGC 6626	7.7982	-5.5807	11.1 ± 0.6		-1.32			-0.278 ± 0.028	-8.922 ± 0.028	a,c,e
NGC 6637	1.7229	-10.2694	47.5 ± 1.0		-0.64		12.2 ± 0.5	-5.034 ± 0.028	-5.832 ± 0.028	a,c,d,e
NGC 6638	7.8965	-7.1530	8.6 ± 2.0		-0.95			-2.518 ± 0.029	-4.076 ± 0.029	a,c,e
NGC 6642	9.8145	-6.4393	-60.6 ± 1.4		-1.11 ± 0.25			-0.173 ± 0.030	-3.892 ± 0.030	a,n,e
NGC 6652	1.5339	-11.3768	-95.4 ± 0.9		-0.81		12.5 ± 0.5	-5.484 ± 0.027	-4.274 ± 0.027	a,c,d,e
NGC 6656	9.8923	-7.5517	-148.7 ± 0.8	7.80 ± 0.30	-1.70		12.7 ± 0.6	9.851 ± 0.023	-5.617 ± 0.023	a,k,c,e
NGC 6681	2.8529	-12.5099	216.6 ± 0.8	5.20 ± 0.50	-1.62		12.8 ± 0.5	1.431 ± 0.027	-4.744 ± 0.026	a,c,d,e
NGC 6712	25.3541	-4.3180	-107.5 ± 0.3	4.30 ± 0.40	-1.02		10.4 ± 1.4	3.363 ± 0.027	-4.436 ± 0.027	a,k,c,e
NGC 6715	5.6070	-14.0871	143.1 ± 0.4	10.50 ± 0.30	-1.49		11.2 ± 0.6	-2.679 ± 0.025	-1.387 ± 0.025	a,c,d,e
NGC 6717	12.8760	-10.9002	30.2 ± 0.9		-1.26		12.9 ± 0.5	-3.125 ± 0.027	-5.008 ± 0.027	a,c,d,e
NGC 6723	0.0693	-17.2989	-94.4 ± 0.3		-1.10		12.8 ± 0.4	1.028 ± 0.025	-2.418 ± 0.025	a,c,d,e
NGC 6749	36.2000	-2.2054	-58.4 ± 1.0		-1.60			-2.829 ± 0.028	-6.006 ± 0.027	a,c,e
NGC 6752	336.4929	-25.6283	-26.0 ± 0.1	4.90 ± 0.40	-1.54		12.3 ± 0.5	-3.161 ± 0.022	-4.027 ± 0.022	a,c,d,e
NGC 6760	36.1078	-3.9243	-2.4 ± 1.3		-0.40			-1.107 ± 0.026	-3.615 ± 0.026	a,c,e
NGC 6779	62.6594	8.3364	-137.0 ± 0.5	4.00 ± 0.60	-1.98		13.3 ± 0.5	-2.018 ± 0.025	1.618 ± 0.025	a,c,d,e
NGC 6809	8.7926	-23.2716	174.7 ± 0.2	4.00 ± 0.30	-1.94		12.9 ± 0.5	-3.432 ± 0.024	-9.311 ± 0.024	a,c,d,e

Table 28 *continued on next page*

Table 28 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
NGC 6838	56.7459	-4.5644	-22.7 ± 0.2	2.30 ± 0.20	-0.78		12.4 ± 0.6	-3.416 ± 0.025	-2.656 ± 0.024	a,c,d,e
NGC 6864	20.3041	-25.7472	-189.5 ± 0.3		-1.29		10.0 ± 0.5	-0.598 ± 0.026	-2.810 ± 0.026	k,c,q,e
NGC 6934	52.1033	-18.8930	-406.2 ± 0.7	5.10 ± 1.10	-1.47		11.6 ± 0.5	-2.655 ± 0.026	-4.689 ± 0.026	a,c,d,e
NGC 6981	35.1623	-32.6831	-331.4 ± 1.5		-1.42		11.7 ± 0.4	-1.274 ± 0.026	-3.361 ± 0.026	a,c,d,e
NGC 7006	63.7696	-19.4072	-383.5 ± 0.7		-1.52		12.2 ± 0.8	-0.128 ± 0.027	-0.633 ± 0.027	a,k,c,e
NGC 7078	65.0126	-27.3126	-106.8 ± 0.3	13.50 ± 0.90	-2.37		13.0 ± 0.5	-0.659 ± 0.024	-3.803 ± 0.024	a,c,d,e
NGC 7089	53.3709	-35.7698	-3.8 ± 0.3	8.20 ± 0.60	-1.65		12.0 ± 0.5	3.435 ± 0.025	-2.159 ± 0.024	a,c,d,e
NGC 7099	27.1791	-46.8355	-185.2 ± 0.2	5.50 ± 0.40	-2.27		13.1 ± 0.5	-0.737 ± 0.025	-7.299 ± 0.024	a,c,d,e
NGC 7492	53.3863	-63.4776	-176.7 ± 0.3	1.20 ± 1.00	-1.78		12.0 ± 1.4	0.756 ± 0.028	-2.320 ± 0.028	a,f,c,e
Palomar 1	130.0648	19.0281	-75.7 ± 0.3		-0.65		7.3 ± 1.1	-0.252 ± 0.034	0.007 ± 0.037	a,f,c,e
Palomar 2	170.5302	-9.0722	-136.0 ± 1.6		-1.42			1.045 ± 0.034	-1.522 ± 0.031	a,c,e
Palomar 3	240.1404	41.8636	94.0 ± 0.8		-1.63		10.5 ± 0.7	0.086 ± 0.060	-0.148 ± 0.071	a,c,d,e
Palomar 4	202.3114	71.8012	72.4 ± 0.2		-1.41		10.2 ± 0.8	-0.188 ± 0.042	-0.476 ± 0.041	a,c,d,e
Palomar 5	0.8389	45.8559	$-58.8^{+0.3}_{-0.4}$	$1.30^{+0.30}_{-0.20}$	-1.41		10.9 ± 0.9	-2.730 ± 0.028	-2.654 ± 0.027	a,c,d,e
Palomar 6	2.0900	1.7788	174.3 ± 1.6		-1.10		12.5	-9.222 ± 0.038	-5.347 ± 0.036	r,e
Palomar 8	14.1031	-6.8007	-31.5 ± 0.2		-0.37			-1.987 ± 0.027	-5.694 ± 0.027	a,c,e
Palomar 10	52.4364	2.7249	-31.7 ± 0.2		-0.10			-4.322 ± 0.029	-7.173 ± 0.029	a,c,e
Palomar 11	31.8051	-15.5759	-67.6 ± 0.8		-0.40			-1.766 ± 0.030	-4.971 ± 0.028	a,c,e
Palomar 12	30.5101	-47.6816	27.9 ± 0.3		-0.85		9.1 ± 0.6	-3.220 ± 0.029	-3.333 ± 0.028	a,c,d,e
Palomar 13	87.1033	-42.7002	25.3 ± 0.2	$0.60^{+0.70}_{-0.50}$	-1.60 ± 0.10			1.748 ± 0.049	0.104 ± 0.047	s,e
Palomar 14	28.7456	42.1915	72.3 ± 0.1	0.38 ± 0.12	-1.44 ± 0.03	0.16	10.5 ± 0.6	-0.463 ± 0.038	-0.413 ± 0.038	t,u,d,e
Palomar 15	18.8486	24.3369	72.3 ± 1.7		-2.07		13.0 ± 1.5	-0.592 ± 0.037	-0.901 ± 0.034	a,k,c,e
Pyxis	261.3212	6.9915	40.5 ± 0.2		-1.20		11.5 ± 1.0	1.030 ± 0.032	0.138 ± 0.035	a,k,c,e
Rup 106	300.8880	11.6708	-38.4 ± 0.3		-1.69 ± 0.05		10.8 ± 0.7	-1.254 ± 0.026	0.401 ± 0.026	a,v,d,e
Terzan 1	357.5576	0.9911	56.8 ± 1.6		-0.71 ± 0.15			-2.806 ± 0.055	-4.861 ± 0.055	a,c,e
Terzan 2	356.3194	2.2981	134.6 ± 1.0		-0.54 ± 0.10			-2.170 ± 0.041	-6.263 ± 0.038	a,n,e
Terzan 3	345.0841	9.1990	-135.8 ± 0.6		-0.74			-5.577 ± 0.027	-1.760 ± 0.026	a,c,e
Terzan 4	356.0240	1.3077	-49.0 ± 1.6		-1.41			-5.462 ± 0.060	-3.711 ± 0.048	a,c,e
Terzan 5	3.8395	1.6868	-82.6 ± 0.7		-0.34			-1.989 ± 0.068	-5.243 ± 0.066	a,c,e
Terzan 6	358.5726	-2.1632	143.3 ± 1.0	5.10 ± 0.70	-0.65 ± 0.01	0.03		-4.979 ± 0.048	-7.431 ± 0.039	w,e

Table 28 *continued on next page*

Table 28 *(continued)*

Name	l	b	$v_{\rm los}$	$\sigma_{\rm los}$	[Fe/H]	$\sigma_{\rm [Fe/H]}$	Age	$\mu_{\alpha\star}$	μ_δ	Ref
	deg	deg	km s^{-1}	km s^{-1}			Gyr	mas yr^{-1}	mas yr^{-1}	
Terzan 7	3.3868	-20.0666	159.8 ± 0.1		-0.32		7.7 ± 0.5	-3.002 ± 0.029	-1.651 ± 0.029	a,c,d,e
Terzan 8	5.7592	-24.5588	148.4 ± 0.2		-2.16		12.9 ± 0.4	-2.496 ± 0.027	-1.581 ± 0.026	a,c,d,e
Terzan 9	3.6031	-1.9888	68.5 ± 0.6		-1.15 ± 0.12			-2.121 ± 0.052	-7.763 ± 0.049	a,n,e
Terzan 10	4.4212	-1.8643	211.4 ± 2.3		-1.64 ± 0.09			2.566 ± 0.039	-6.438 ± 0.036	a,n,e
Terzan 12	8.3581	-2.1008	95.6 ± 1.2		-0.48 ± 0.16			-6.222 ± 0.037	-3.052 ± 0.034	a,n,e
Ton 2	350.7934	-3.4236	-184.7 ± 1.1		-0.57 ± 0.13			-5.904 ± 0.031	-0.755 ± 0.029	a,n,e
UKS 1	5.1254	0.7640	59.4 ± 2.6		-0.64			-2.040 ± 0.095	-2.754 ± 0.063	a,c,e
Whiting 1	161.6176	-60.6359	-130.4 ± 1.8				$6.5^{+1.0}_{-0.5}$	-0.228 ± 0.065	-2.046 ± 0.056	a,x,e

NOTE—Citations: (a) Baumgardt & Hilker (2018) (b) Kunder et al. (2021) (c) Harris (1996) (d) Kruijssen et al. (2019) (e) Vasiliev & Baumgardt (2021) (f) Forbes & Bridges (2010) (g) Kunder et al. (2024) (h) Kunder & Butler (2020) (i) Simpson (2018) (j) Geisler et al. (2021) (k) Dotter et al. (2011) (l) Hankey & Cole (2011) (m) Ying et al. (2023) (n) Geisler et al. (2023) (o) Johnson et al. (2018) (p) Pallanca et al. (2023) (q) Leanza et al. (2024) (r) Souza et al. (2021) (s) Bradford et al. (2011) (t) Çalışkan et al. (2012) (u) Jordi et al. (2009) (v) Da Costa et al. (1992) (w) Fanelli et al. (2024) (x) Carraro et al. (2007)

Table 29. List of Low Significance Candidates and False Positive Dwarf Galaxies and Star Clusters

Name	Other Name	RA	DEC	Host	Original Publication	Classification	False Positive Reference
		deg	deg				
KK 198	Cen8	13:15:55.9	-45:45:03.6	NGC 5128	Karachentseva & Karachentsev (1998)	BG	Müller et al. (2021)
	PGC166164						
KKR 25-GC1		16:13:49.3	+54:22:05.9	KKR 25	Karachentsev et al. (2001b)	BG	Makarov et al. (2012)
Candidate X	Object X	12:53:31.0	+46:24:56.2	MW	Koposov et al. (2008)	FP	Martin et al. (2008)
Candidate Y	Object Y	11:12:35.0	+43:26:24.0	MW	Koposov et al. (2008)	FP	Martin et al. (2008)
Candidate Z	Object Z	12:53:31.0	+46:24:56.2	MW	Koposov et al. (2008)	FP	Martin et al. (2008)
SDSS J1329+2841		13:29:13.0	+28:41:27.0	MW	Liu et al. (2008)	FP	Drlica-Wagner et al. (2020)
SDSS J0821+5608		08:21:15.0	+56:08:16.0	MW	Liu et al. (2008)	FP	Drlica-Wagner et al. (2020)
SDSS J1058+2843		04:18:05.2	+28:43:39.2	MW	Liu et al. (2008)	FP	Martin et al. (2008)
							Drlica-Wagner et al. (2020)
SDSS J0814+5105		08:13:42.0	+51:05:27.0	MW	Liu et al. (2008)	FP	Drlica-Wagner et al. (2020)
SDSS J1000+5730		10:00:28.0	+57:30:10.0	MW	Liu et al. (2008)	FP	Drlica-Wagner et al. (2020)
IKN-GC7		10:08:08.9	+68:28:36.8	IKN	Tudorica et al. (2015)	BG	Forbes et al. (2024)
Indus II	DES J2038-4609	20:38:52.8	-46:09:36.0	MW	Drlica-Wagner et al. (2015)	FP	Cantu et al. (2021)
dw1318-44		13:18:58.0	-44:53:41.0	NGC 5128	Müller et al. (2017)	Cand.	Müller et al. (2019)
dw1337-44		13:37:34.0	-44:13:07.0	NGC 5128	Müller et al. (2017)	FP	Müller et al. (2019)
dw1331-37		13:31:32.0	-37:03:29.0	NGC 5128	Müller et al. (2017)	Cand.	Müller et al. (2019)
DES J0225+0304	DES Sgr 2	02:25:42.4	+03:04:10.1	MW	Luque et al. (2017)	FP	Drlica-Wagner et al. (2020)
							McConnachie & Venn (2020)
dw1323-40c		13:23:37.0	-40:43:17.0	NGC 5128	Müller et al. (2017)	FP	Müller et al. (2019)
DES J0111-1341	DES 2	01:11:10.3	-13:41:05.4	MW	Luque et al. (2017)	FP	Pace & Li (2019)
	DES Sgr 1						Drlica-Wagner et al. (2020)
dw1315-45		13:15:56.0	-45:45:02.0	NGC 5128	Müller et al. (2017)	BG	Müller et al. (2019)
Camargo 1105		17:36:33.8	-28:18:39.6	MW	Camargo (2018)	Cand.	
Camargo 1103		18:06:31.4	-25:09:43.2	MW	Camargo (2018)	FP	Lim et al. (2022)
Camargo 1106		17:32:34.3	-30:16:48.0	MW	Camargo (2018)	FP	Lim et al. (2022)

Table 29 *continued on next page*

Table 29 *(continued)*

Name	Other Name	RA	DEC	Host	Original Publication	Classification	False Positive Reference
		deg	deg				

NOTE—This table lists known false positive and low significane candidate dwarf galaxies/star clusters. Classification: FP = false positive. Cand = low confidence candidate. BG = higher redshift background galaxy. False positive reference refers to study(s) that showed it was a false positive or showed this object was beyond the local group/local volume.

Table 30. Properties of Low Significance Candidates and False Positive Objects

Name	RA	DEC	l	b	r_h	$r_{1/2}$	$(m-M)_0$	d	V	M_V	Ref
	deg	deg	deg	deg	arcmin	pc		kpc			
KK 198	198.9830	-45.7510	307.3939	16.9084							
KKR 25-GC1	243.4554	54.3683	83.8739	44.4061					20.6		a
Candidate X	193.3790	46.4156	121.8478	70.7083							
Candidate Y	168.1460	43.4400	167.2216	64.2319							
Candidate Z	193.3790	46.4156	121.8478	70.7083							
SDSS J1329+2841	202.3042	28.6908	45.7269	81.5113	8.80	547.3	21.65	213.8	15.5	−6.2	b
SDSS J0821+5608	125.3125	56.1378	161.6660	34.6134	4.30	267.4	21.65	213.8	14.3	−7.4	b
SDSS J1058+2843	64.5217	28.7276	168.4371	-15.3634	3.10	21.6	16.90	24.0	16.7	−0.2	c
SDSS J0814+5105	123.4250	51.0908	167.7439	33.4481	5.40	21.7	15.70	13.8	14.9	−0.8	b
SDSS J1000+5730	150.1167	57.5028	155.5073	47.3702	8.30	516.2	21.65	213.8	15.4	−6.2	b
IKN-GC7	152.0371	68.4769	141.8109	42.1656							
Indus II	309.7200	-46.1600	353.9965	-37.4027	2.90	180.4	21.65	213.8	16.4	−5.3	d
dw1318-44	199.7417	-44.8947	308.0441	17.7036	4.80				19.9		e
dw1337-44	204.3917	-44.2186	311.5905	17.8762	10.30				18.1		e
dw1331-37	202.8833	-37.0581	311.7571	25.1257	17.80				18.9		e
DES J0225+0304	36.4267	3.0695	163.5810	-52.2013	2.68	18.5	16.88	23.8	15.8	−1.1	f
dw1323-40c	200.9042	-40.7214	309.4886	21.7403	20.20				17.8		e
DES J0111-1341	17.7929	-13.6848	142.8304	-75.7886	0.59	4.6	17.12	26.5	17.4	0.3	f
dw1315-45	198.9833	-45.7506	307.3941	16.9089	9.50				17.6		e
Camargo 1105	264.1410	-28.3110	359.4788	2.0170			13.82	5.8	7.5	−6.3	g
Camargo 1103	271.6310	-25.1620	5.6039	-2.1215			13.49	5.0	6.6	−6.9	g
Camargo 1106	263.1430	-30.2800	357.3510	1.6830			13.27	4.5	7.6	−5.7	g

NOTE—Column descriptions: `RA` and `Dec`—IRCS, J2000; `l` and `b` Galactic longitude and latitude. r_h—Major axis of 2D projected half-light radius; $r_{1/2}$—spherically averaged half-light radius ($r_{1/2} = R_h\sqrt{1-\epsilon}$); $(m-M)_0$—distance modulus; d—distance to satellite; V—V-band magnitude; M_V—absolute V-band magnitude. Errors are not been included in this table and many entries are not included if the object is a known false positive or background galaxy. Citations: (a) Karachentsev et al. (2001b) (b) Liu et al. (2008) (c) Martin et al. (2008) (d) Drlica-Wagner et al. (2015) (e) Müller et al. (2017) (f) Luque et al. (2017) (g) Camargo (2018)

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