Draft table for Dwarf Paper: Local-M31-MW Groups

Table 1. Local Group

Sub-group	Galaxie	R.A. (J2000.0)	Decl. (J2000.0)	SGL	SGB	Distance[a]	Type[a]
		(h m s)	(° ′ ″)	(°)	(°)	(Mpc)	
Milky Way							
	SMC	00 52 44.00	-72 49 42.0	224.2314	-14.8250	0.064	dIrr
	Sculptor	01 00 09.35	-33 42 32.5	263.98105	-9.68418	0.086	dSph
	SegueII	02 19 16.00	+20 10 31.0	322.24529	-13.37696	0.035	dSph
	Fornax	02 39 59.33	-34 26 57.1	265.37024	-30.27647	0.147	dSph
	LMC	05 23 34.00	-69 45 24.0	215.7950	-34.1219	0.051	Irr
	Carina	06 41 36.69	-50 57 58.3	210.09745	-54.63996	0.105	dSph
	CanisMajor	07 12 36.00	-27 40 00.0	188.3800	-77.3700	0.007	Ot
	UrsaMajorII	08 51 30.00	+63 07 48.0	39.28250	-7.9651	0.032	dSph
	Segue(I)	10 07 04.00	+16 04 55.0	84.77368	-32.94122	0.023	dSph
	LeoI	10 08 28.10	+12 18 23.0	88.89990	-34.55438	0.254	dSph
	SextansI	10 13 03.00	-01 36 54.0	105.3888	-39.2323	0.086	dSph

Table 1—Continued

Sub-group	Galaxie	R.A. (J2000.0)	Decl. (J2000.0)	SGL	SGB	Distance[a]	Type[a]
		(h m s)	(° ′ ″)	(°)	(°)	(Mpc)	
	UrsaMajorI	10 34 52.80	+51 55 12.0	57.05967	-7.33754	0.097	dSph
	Willman1	10 49 21.00	+51 03 00.0	59.0972	-6.0204	0.038	dSph
	LeoII	11 13 28.80	+22 09 06.0	87.10340	-16.26757	0.233	dSph
	LeoV	11 31 09.60	+02 13 12.0	108.27293	-19.49184	0.178	dSph
	LeoIV	11 32 57.00	-00 32 00.0	111.20807	-19.87037	0.154	dSph
	ComaBerenices	12 26 59.00	+23 54 15.0	91.59837	+0.13349	0.044	dSph
	CanesVenaticiII	12 57 10.00	+34 19 15.0	83.23856	+9.21359	0.160	dSph
	CanesVenaticiI	13 28 03.50	+33 33 21.0	85.23871	+15.36190	0.218	dSph
	BootesIII	13 57 14.00	+26 48 00.0	93.211	+20.632	0.047	dSph
	BootesII	13 58 00.00	+12 51 00.0	107.8179	+18.3552	0.042	dSph
	BootesI	14 00 06.00	+14 30 00.0	106.22853	+19.20284	0.066	dSph
	UrsaMinor	15 09 08.50	+67 13 21.0	47.7053	+27.0976	0.076	dSph
	Hercules	16 31 02.00	+12 47 30.0	116.49833	+55.03050	0.132	dSph

Table 1—Continued

Sub-group	Galaxie	R.A. (J2000.0)	Decl. (J2000.0)	SGL	SGB	Distance[a]	Type[a]
		(h m s)	(° ′ ″)	(°)	(°)	(Mpc)	
	Draco	17 20 12.40	+57 54 55.0	43.78880	+44.23442	0.076	dSph
	MilkyWay	17 45 40.04	-29 00 28.1	185.8364451	+42.2482539	0.000	S(B)bc
	SagittariusdSph	18 55 19.00	-30 32 42.0	206.5422	+43.7457	0.026	dSph
	PiscesII	22 58 31.00	+05 57 09.0	294.39129	+29.60967	0.182	dSph
Messier 31							
	AndromedaXX	00 07 30.70	+35 07 56.0	328.87619	+18.53164	0.802	dSph
	AndromedaXXVI	00 23 45.60	+47 54 58.0	342.54129	+16.77778	0.762	dSph
	AndromedaXXV	00 30 08.90	+46 51 07.0	341.55230	+15.59475	0.813	dSph
	NGC147	00 33 12.12	+48 30 31.5	343.320673	+15.273100	0.676	dE/dSph
	AndromedaIII	00 35 33.80	+36 29 52.0	331.12592	+13.09977	0.748	dSph
	AndromedaXVII	00 37 07.00	+44 19 20.0	339.12103	+14.05811	0.794	dSph

Table 1—Continued

Sub-group	Galaxie	R.A. (J2000.0)	Decl. (J2000.0)	SGL	SGB	Distance[a]	Type[a]
		(h m s)	(° ′ ″)	(°)	(°)	(Mpc)	
	AndromedaXXVII	00 37 27.00	+45 23 13.0	340.21621	+14.15275	0.828	dSph
	NGC185	00 38 57.97	+48 20 14.6	343.267827	+14.302916	0.617	dE/dSph
	NGC205	00 40 22.08	+41 41 07.1	336.536771	+13.060419	0.824	dE/dSph
	Andromeda	00 42 44.35	+41 16 08.6	336.1933604	+12.5521171	0.783	Sb
	M32	00 42 41.83	+40 51 55.0	335.7846672	+12.4895071	0.805	cE
	AndromedaI	00 45 39.80	+38 02 28.0	333.054959	+11.406926	0.745	dSph
	AndromedaXI	00 46 20.00	+33 48 05.0	328.85251	+10.42351	0.759	dSph
	AndromedaXII	00 47 27.00	+34 22 29.0	329.47157	+10.31695	0.871	dSph
	AndromedaXIV	00 51 35.00	+29 41 49.0	325.04179	+8.43335	0.735	dSph
	AndromedaXIII	00 51 51.00	+33 00 16.0	328.31451	+9.12753	0.912	dSph
	AndromedaIX	00 52 53.00	+43 11 45.0	338.4811	+11.0613	0.766	dSph
	AndromedaX	01 06 33.70	+44 48 15.8	340.60639	+8.99811	0.701	dSph
	AndromedaV	01 10 17.10	+47 37 41.0	343.53861	+9.02331	0.773	dSph

Table 1—Continued

Sub-group	Galaxie	R.A. (J2000.0)	Decl. (J2000.0)	SGL	SGB	Distance[a]	Type[a]
		(h m s)	(° ′ ″)	(°)	(°)	(Mpc)	
	AndromedaXV	01 14 18.70	+38 07 03.0	334.43390	+5.93729	0.631	dSph
	AndromedaII	01 16 29.80	+33 25 09.0	330.01312	+4.23932	0.652	dSph
	AndromedaXXIV	01 18 30.00	+46 21 58.0	342.65202	+7.35476	0.600	dSph
	AndromedaXIX	00 19 32.10	+35 02 37.0	329.11292	+16.08094	0.933	dSph
	IC10	00 20 17.34	+59 18 13.6	354.428655	+17.878129	0.794	dIrr
	AndromedaXVI	00 59 29.80	+32 22 36.0	328.07416	+7.41702	0.525	dSph
	LGS3	01 03 55.00	+21 53 06.0	318.12827	+3.79801	0.769	dIrr/dSph=Tr
	AndromedaXXII	01 27 40.00	+28 05 25.0	325.60713	+0.39573	0.794	dSph
	AndromedaXXIII	01 29 21.80	+38 43 08.0	335.84941	+3.27985	0.769	dSph
	Triangulum	01 33 50.89	+30 39 36.8	328.4675313	-0.0898075	0.809	Sc
	AndromedaVII	23 26 31.74	+50 40 32.6	345.64844	+26.05107	0.762	dSph
	AndromedaVI	23 51 46.30	+24 34 57.0	317.30847	+20.55775	0.783	dSph
	AndromedaXXI	23 54 47.70	+42 28 15.0	336.47054	+21.54657	0.859	dSph

Table 1—Continued

Sub-group	Galaxie	R.A. (J2000.0)	Decl. (J2000.0)	SGL	SGB	Distance[a]	Type[a]
		(h m s)	(° ′ ″)	(°)	(°)	(Mpc)	
	AndromedaXXIX	23 58 55.60	+30 45 20.0	324.051797	+19.810004	0.731	dSph
Local Group neighbors							
							∞
	WLM	00 01 58.16	-15 27 39.3	277.807618	+8.086262	0.933	dIrr
	AndromedaXVIII	00 02 14.50	+45 05 20.0	3.32245	+20.29597	1.355	dSph
	Cetus	00 26 11.03	-11 02 39.6	283.844512	+3.823509	0.755	dSph
	IC1613	01 04 47.79	+02 07 04.0	299.15220	-1.77843	0.755	dIrr
	Phoenix	01 51 06.34	-44 26 40.9	254.28786	-20.86142	0.415	dIrr/dSph=Tr
	UGCA86	03 59 48.30	+67 08 18.6	10.84738	-1.17115	2.965	dIrr
	HIZSS3B	07 00 23.33	-04 12 55.1	33.144321	-78.430768	1.675	dIrr
	HIZSS3A	07 00 29.00	-04 12 00.0	33.25231	-78.41289	1.675	dIrr
	UGC4879	09 16 02.21	+52 50 24.3	47.611260	-15.014041	1.361	dIrr/dSph=Tr

Table 1—Continued

Sub-group	Galaxie	R.A. (J2000.0)	Decl. (J2000.0)	SGL	SGB	Distance[a]	Type[a]
		(h m s)	(° ′ ″)	(°)	(°)	(Mpc)	
	LeoT	09 34 53.40	+17 03 05.0	78.40126	-38.75194	0.417	dIrr/dSph=Tr
	LeoA	09 59 26.46	+30 44 47.0	69.91385	-25.79772	0.798	dIrr
	SextansB	10 00 00.10	+05 19 56.0	95.463102	-39.619540	1.426	dIrr
	NGC3109	10 03 06.88	-26 09 34.5	137.955006	-45.102594	1.300	dIrr
	Antlia	10 04 04.10	-27 19 51.6	139.58321	-44.80278	1.349	dIrr
	SextansA	10 11 00.80	-04 41 34.0	109.00627	-40.66216	1.432	dIrr
	IC3104	12 18 46.06	-79 43 33.8	195.83339	-17.06472	2.270	dIrr
	DDO155(GR8)	12 58 40.44	+14 13 03.0	102.975733	+4.668436	2.178	dIrr
	KKH86	13 54 33.55	+04 14 34.8	116.33975	+15.46502	2.582	dIrr
	KKR3	14 07 10.52	+35 03 37.3	84.555838	+23.549799	2.188	dIrr
	UGC9128(DDO187)	14 15 56.52	+23 03 19.0	97.833162	+24.351768	2.291	dIrr
	KKR25	16 13 47.95	+54 22 16.2	56.092643	+40.370308	1.905	dIrr/dSph=Tr
	IC4662	17 47 08.86	-64 38 30.3	199.188384	+8.607890	2.443	dIrr

Table 1—Continued

Sub-group	Galaxie	R.A. (J2000.0)	Decl. (J2000.0)	SGL	SGB	Distance[a]	Type[a]
		(h m s)	(° ′ ″)	(°)	(°)	(Mpc)	
	SagittariusdIrr	19 29 59.58	-17 40 51.3	221.27259	+55.51609	1.067	dIrr
	NGC6822	19 44 57.74	-14 48 12.4	229.07595	+57.08799	0.459	dIrr
	Aquarius	20 46 51.80	-12 50 52.5	252.07920	+50.24431	1.072	dIrr/dSph=Tr
	IC5152	22 02 41.51	-51 17 47.2	234.232185	+11.528235	1.950	dIrr
	Tucana	22 41 49.60	-64 25 10.0	227.60830	-0.91822	0.887	dSph
	AndromedaXXVIII	22 32 41.20	+31 12 58.2	324.086775	+38.269722	0.661	dSph
	UKS2323-326	23 26 27.52	-32 23 19.5	258.875008	+9.283399	2.208	dIrr
	PegasusdIrr	23 28 36.25	+14 44 34.5	305.83317	+24.30889	0.920	dIrr/dSph=Tr
	KKH98	23 45 34.02	+38 43 03.7	332.35132	+23.17166	2.523	dIrr
	CGCG269-049	12 15 46.60	+52 23 14.0	63.705970	+6.567524	0.0016/0.0049	LSB

[a]McConnachie, A.W. 2012, AJ, 144, 4