Table 1. Isolated Galaxy Masses, Virial Radii, and Cooling Radii

(1) Field	(2) J-Name	(3) $z_{\rm gal}$	(4) D (kpc)	(5) M_r (AB)	(6) $\log M_h/M_\odot$	(7)[a] $V_c^{\rm max}$ (km s^{-1})	(8)[a] $R_{\rm vir}$ (kpc)	(9)[a] η_v	(10)[a,b] R_c (kpc)	(11)[a] η_c	(12)[a] $R_c/R_{\rm vir}$	(13) $W_r(2796)$ (Å)
0002−422	J000448.11−415728.8	0.8400	53.8	-21.7	$12.1^{+0.2}_{-0.1}$	262^{+35}_{-26}	218^{+32}_{-24}	$0.25^{+0.03}_{-0.03}$	50^{+3}_{-4}	$1.07^{+0.09}_{-0.06}$	$0.23^{+0.03}_{-0.04}$	4.422 ± 0.002
0002+051	J000520.21+052411.80	0.2980	59.2	-20.9	$12.0^{+0.3}_{-0.2}$	211^{+45}_{-26}	191^{+45}_{-26}	$0.31^{+0.06}_{-0.05}$	103^{+5}_{-7}	$0.57^{+0.04}_{-0.02}$	$0.54^{+0.08}_{-0.13}$	0.244 ± 0.003
0002+051	J000520.21+052411.80	0.5920	36.0	-22.0	$12.3^{+0.2}_{-0.2}$	291^{+38}_{-29}	257^{+37}_{-28}	$0.14^{+0.02}_{-0.02}$	59^{+4}_{-4}	$0.61^{+0.05}_{-0.04}$	$0.23^{+0.03}_{-0.04}$	0.102 ± 0.002
0002+051	J000520.21+052411.80	0.8518	25.9	-21.2	$11.8^{+0.2}_{-0.2}$	220^{+40}_{-24}	179^{+36}_{-22}	$0.14^{+0.02}_{-0.02}$	60^{+5}_{-5}	$0.43^{+0.05}_{-0.02}$	$0.33^{+0.05}_{-0.07}$	1.089 ± 0.008
SDSS	J003340.21−005525.53	0.2124	21.7	-21.3	$12.2^{+0.2}_{-0.2}$	232^{+41}_{-27}	214^{+42}_{-27}	$0.10^{+0.02}_{-0.01}$	107^{+4}_{-6}	$0.20^{+0.01}_{-0.01}$	$0.50^{+0.07}_{-0.10}$	1.050 ± 0.030
SDSS	J003407.34−085452.07	0.3617	33.1	-20.1	$11.7^{+0.4}_{-0.2}$	176^{+55}_{-24}	154^{+54}_{-23}	$0.21^{+0.06}_{-0.04}$	106^{+5}_{-9}	$0.31^{+0.03}_{-0.01}$	$0.69^{+0.12}_{-0.24}$	0.480 ± 0.050
SDSS	J003413.04−010026.86	0.2564	30.4	-20.7	$11.9^{+0.3}_{-0.2}$	195^{+47}_{-25}	176^{+47}_{-25}	$0.17^{+0.04}_{-0.03}$	112^{+5}_{-7}	$0.27^{+0.02}_{-0.01}$	$0.63^{+0.10}_{-0.17}$	0.610 ± 0.060
0058+019	J010054.15+021136.52	0.6128	29.5	-19.8	$11.4^{+0.4}_{-0.2}$	151^{+51}_{-20}	125^{+47}_{-18}	$0.24^{+0.06}_{-0.04}$	92^{+4}_{-8}	$0.32^{+0.03}_{-0.01}$	$0.74^{+0.12}_{-0.28}$	1.684 ± 0.004
0058+019	J010054.15+021136.52	0.6800	45.6	-21.2	$11.9^{+0.2}_{-0.2}$	225^{+42}_{-25}	190^{+40}_{-24}	$0.24^{+0.04}_{-0.03}$	69^{+4}_{-5}	$0.66^{+0.05}_{-0.03}$	$0.36^{+0.05}_{-0.08}$	< 0.003
SDSS	J010135.84−005009.08	0.2615	50.9	-21.4	$12.2^{+0.2}_{-0.2}$	242^{+40}_{-28}	223^{+40}_{-28}	$0.23^{+0.03}_{-0.03}$	99^{+4}_{-5}	$0.51^{+0.03}_{-0.02}$	$0.44^{+0.06}_{-0.08}$	< 0.110
SDSS	J010156.32−084401.74	0.1588	28.4	-19.2	$11.3^{+0.6}_{-0.2}$	121^{+64}_{-17}	106^{+63}_{-16}	$0.27^{+0.10}_{-0.05}$	146^{+6}_{-15}	$0.20^{+0.02}_{-0.01}$	$1.38^{+0.25}_{-0.82}$	0.360 ± 0.030
SDSS	J010352.47+003739.79	0.3515	48.3	-20.1	$11.7^{+0.4}_{-0.2}$	178^{+54}_{-24}	157^{+53}_{-23}	$0.31^{+0.08}_{-0.05}$	107^{+5}_{-9}	$0.45^{+0.04}_{-0.02}$	$0.68^{+0.12}_{-0.23}$	0.380 ± 0.030
0102−190	J010516.82−184641.9	1.0250	40.0	-22.3	$12.1^{+0.1}_{-0.1}$	284^{+31}_{-25}	230^{+27}_{-22}	$0.17^{+0.02}_{-0.02}$	36^{+3}_{-3}	$1.12^{+0.11}_{-0.08}$	$0.16^{+0.02}_{-0.02}$	0.670 ± 0.050
0109+200	J011210.18+202021.79	0.5340	44.7	-20.4	$11.6^{+0.4}_{-0.2}$	173^{+53}_{-23}	147^{+51}_{-21}	$0.30^{+0.08}_{-0.05}$	92^{+8}_{-8}	$0.49^{+0.05}_{-0.02}$	$0.63^{+0.11}_{-0.22}$	2.260 ± 0.050
0117+213	J012017.20+213346.00	0.5763	7.8	-22.7	$12.9^{+0.1}_{-0.1}$	415^{+35}_{-37}	381^{+35}_{-37}	$0.02^{+0.00}_{-0.00}$	48^{+4}_{-4}	$0.16^{+0.01}_{-0.01}$	$0.13^{+0.02}_{-0.02}$	0.902 ± 0.007
0117+213	J012017.20+213346.00	0.7290	55.4	-23.0	$12.9^{+0.1}_{-0.1}$	434^{+33}_{-35}	389^{+32}_{-35}	$0.14^{+0.01}_{-0.01}$	34^{+3}_{-3}	$1.61^{+0.16}_{-0.12}$	$0.09^{+0.01}_{-0.01}$	0.244 ± 0.005
0122−003	J012528.84−000555.93	0.3788	77.7	-20.7	$11.9^{+0.3}_{-0.2}$	207^{+50}_{-26}	184^{+49}_{-25}	$0.42^{+0.09}_{-0.07}$	97^{+5}_{-7}	$0.81^{+0.06}_{-0.04}$	$0.53^{+0.08}_{-0.14}$	0.050 ± 0.010
0122−003	J012528.84−000555.93	0.3985	163.0	-22.0	$12.5^{+0.2}_{-0.2}$	9999	285^{+37}_{-32}	$0.57^{+0.07}_{-0.07}$	9999	9999	9999	0.399 ± 0.011
0141+339	J014411.70+341157.92	0.4708	38.1	-19.2	$11.3^{+0.5}_{-0.2}$	134^{+56}_{-18}	112^{+53}_{-16}	$0.34^{+0.11}_{-0.06}$	108^{+4}_{-10}	$0.35^{+0.04}_{-0.01}$	$0.96^{+0.17}_{-0.46}$	0.780 ± 0.070
0150−202	J015227.32−200107.10	0.6030	53.9	-22.4	$12.5^{+0.1}_{-0.1}$	323^{+31}_{-30}	288^{+30}_{-29}	$0.19^{+0.02}_{-0.02}$	50^{+3}_{-1}	$1.07^{+0.02}_{-0.07}$	$0.18^{+0.02}_{-0.02}$	< 0.035
0150−202	J015227.32−200107.10	0.7800	54.7	-21.5	$12.1^{+0.2}_{-0.2}$	252^{+38}_{-27}	211^{+35}_{-25}	$0.26^{+0.04}_{-0.03}$	56^{+3}_{-4}	$0.98^{+0.08}_{-0.06}$	$0.26^{+0.04}_{-0.05}$	0.360 ± 0.040
SDSS	J015453.03−095535.39	0.5663	56.7	-22.2	$12.4^{+0.2}_{-0.1}$	311^{+35}_{-31}	278^{+34}_{-30}	$0.20^{+0.02}_{-0.02}$	56^{+4}_{-1}	$1.01^{+0.02}_{-0.06}$	$0.20^{+0.02}_{-0.03}$	< 0.300
SDSS	J021558.40−011135.79	0.2103	27.6	-20.7	$11.9^{+0.3}_{-0.2}$	192^{+46}_{-24}	175^{+47}_{-24}	$0.16^{+0.03}_{-0.03}$	118^{+5}_{-8}	$0.23^{+0.02}_{-0.01}$	$0.67^{+0.10}_{-0.18}$	0.770 ± 0.050
SDSS	J022950.32−074256.77	0.3866	27.6	-20.7	$11.9^{+0.3}_{-0.2}$	205^{+49}_{-26}	182^{+49}_{-25}	$0.15^{+0.03}_{-0.02}$	96^{+4}_{-7}	$0.29^{+0.02}_{-0.01}$	$0.53^{+0.08}_{-0.14}$	1.740 ± 0.040
0229+131	J023145.89+132254.71	0.4167	36.9	-22.1	$12.4^{+0.2}_{-0.2}$	285^{+34}_{-29}	260^{+35}_{-29}	$0.14^{+0.02}_{-0.02}$	74^{+4}_{-4}	$0.50^{+0.03}_{-0.02}$	$0.28^{+0.04}_{-0.04}$	0.816 ± 0.020
0235+164	J023838.93+163659.27	0.5240	12.1	-21.9	$12.3^{+0.2}_{-0.2}$	277^{+39}_{-28}	247^{+39}_{-27}	$0.05^{+0.01}_{-0.01}$	67^{+4}_{-4}	$0.18^{+0.01}_{-0.01}$	$0.27^{+0.04}_{-0.05}$	2.340 ± 0.050
0235+164	J023838.93+163659.27	0.8520	7.6	-22.5	$12.6^{+0.1}_{-0.1}$	370^{+31}_{-32}	318^{+30}_{-30}	$0.02^{+0.00}_{-0.00}$	30^{+3}_{-3}	$0.25^{+0.03}_{-0.02}$	$0.09^{+0.01}_{-0.01}$	0.440 ± 0.050
0302−223	J030450.10−221157.00	0.4180	126.0	-23.4	$13.5^{+0.1}_{-0.1}$	625^{+47}_{-52}	617^{+52}_{-56}	$0.20^{+0.02}_{-0.02}$	54^{+5}_{-5}	$2.32^{+0.23}_{-0.18}$	$0.09^{+0.01}_{-0.01}$	0.727 ± 0.028
0302−223	J030450.10−221157.00	1.0000	61.2	-22.0	$12.0^{+0.1}_{-0.1}$	248^{+34}_{-24}	199^{+30}_{-21}	$0.31^{+0.04}_{-0.04}$	45^{+3}_{-4}	$1.35^{+0.12}_{-0.08}$	$0.23^{+0.03}_{-0.04}$	1.099 ± 0.036

Table 1—Continued

(1) Field	(2) J-Name	(3) $z_{\rm gal}$	(4) D (kpc)	(5) M_r (AB)	(6) $\log M_h/M_\odot$	(7)[a] $V_c^{\rm max}$ (km s^{-1})	(8)[a] $R_{\rm vir}$ (kpc)	(9)[a] η_v	(10)[a,b] R_c (kpc)	(11)[a] η_c	(12)[a] $R_c/R_{\rm vir}$	(13) $W_r(2796)$ (Å)
SDSS	J032232.58+003649.13	0.2185	16.0	-18.8	$11.3^{+0.5}_{-0.2}$	128^{+58}_{-18}	112^{+56}_{-17}	$0.14^{+0.05}_{-0.03}$	136^{+5}_{-13}	$0.12^{+0.01}_{-0.00}$	$1.21^{+0.21}_{-0.61}$	1.310 ± 0.120
0334−204	J033626.90−201940.00	1.1200	64.3	-23.0	$12.6^{+0.1}_{-0.1}$	404^{+30}_{-32}	333^{+28}_{-29}	$0.19^{+0.01}_{-0.02}$	12^{+2}_{-2}	$5.17^{+0.88}_{-0.62}$	$0.04^{+0.01}_{-0.01}$	2.060 ± 0.050
0349−146	J035128.54−142908.71	0.3567	71.3	-20.5	$11.9^{+0.3}_{-0.2}$	193^{+52}_{-25}	171^{+52}_{-24}	$0.42^{+0.10}_{-0.07}$	102^{+5}_{-8}	$0.70^{+0.06}_{-0.03}$	$0.60^{+0.10}_{-0.18}$	0.175 ± 0.007
SDSS	J035242.12+001307.32	0.3671	50.8	-21.1	$12.1^{+0.3}_{-0.2}$	227^{+47}_{-26}	204^{+47}_{-26}	$0.25^{+0.05}_{-0.04}$	92^{+4}_{-6}	$0.55^{+0.04}_{-0.02}$	$0.45^{+0.07}_{-0.11}$	1.450 ± 0.050
0454−220	J045608.92−215909.40	0.2784	50.3	-19.1	$11.4^{+0.5}_{-0.2}$	140^{+59}_{-19}	122^{+57}_{-18}	$0.41^{+0.13}_{-0.07}$	125^{+5}_{-12}	$0.40^{+0.04}_{-0.02}$	$1.02^{+0.18}_{-0.48}$	< 0.005
0454−220	J045608.92−215909.40	0.3818	102.6	-20.9	$12.0^{+0.3}_{-0.2}$	217^{+46}_{-27}	194^{+46}_{-26}	$0.53^{+0.10}_{-0.05}$	94^{+4}_{-6}	$1.09^{+0.08}_{-0.05}$	$0.48^{+0.07}_{-0.12}$	< 0.018
0454−220	J045608.92−215909.40	0.4838	107.1	-21.9	$12.3^{+0.3}_{-0.2}$	270^{+38}_{-28}	242^{+38}_{-27}	$0.44^{+0.06}_{-0.06}$	72^{+4}_{-5}	$1.49^{+0.10}_{-0.07}$	$0.30^{+0.04}_{-0.05}$	0.426 ± 0.007
0454+039	J045647.17+040052.94	0.0720	5.4	-16.8	$10.8^{+0.7}_{-0.2}$	81^{+47}_{-11}	69^{+45}_{-10}	$0.08^{+0.03}_{-0.01}$	175^{+6}_{-18}	$0.03^{+0.00}_{-0.00}$	$2.53^{+0.46}_{-1.66}$	0.720 ± 0.050
0454+039	J045647.17+040052.94	0.2010	87.5	-21.4	$12.2^{+0.2}_{-0.2}$	234^{+39}_{-27}	217^{+40}_{-28}	$0.40^{+0.06}_{-0.06}$	108^{+5}_{-6}	$0.81^{+0.04}_{-0.03}$	$0.50^{+0.07}_{-0.09}$	< 0.018
0454+039	J045647.17+040052.94	0.8596	16.0	-19.9	$11.2^{+0.4}_{-0.2}$	145^{+49}_{-19}	113^{+42}_{-16}	$0.14^{+0.04}_{-0.04}$	78^{+4}_{-7}	$0.21^{+0.02}_{-0.01}$	$0.69^{+0.12}_{-0.26}$	1.476 ± 0.009
SDSS	J075001.85+161305.05	0.1466	19.6	-18.5	$11.1^{+0.6}_{-0.2}$	107^{+58}_{-15}	93^{+57}_{-14}	$0.21^{+0.08}_{-0.04}$	152^{+6}_{-16}	$0.13^{+0.01}_{-0.00}$	$1.65^{+0.30}_{-1.02}$	0.260 ± 0.080
SDSS	J075450.04+184952.79	0.2856	54.0	-21.4	$12.2^{+0.2}_{-0.2}$	245^{+40}_{-28}	225^{+40}_{-28}	$0.24^{+0.04}_{-0.03}$	96^{+4}_{-5}	$0.56^{+0.03}_{-0.02}$	$0.43^{+0.06}_{-0.08}$	< 0.040
SDSS	J075525.51+172836.59	0.2541	47.4	-21.1	$12.1^{+0.3}_{-0.2}$	222^{+45}_{-26}	203^{+46}_{-26}	$0.23^{+0.04}_{-0.03}$	105^{+4}_{-7}	$0.45^{+0.03}_{-0.02}$	$0.52^{+0.07}_{-0.12}$	0.510 ± 0.020
SDSS	J080004.56+184935.15	0.2544	30.1	-20.5	$11.9^{+0.3}_{-0.2}$	189^{+49}_{-24}	170^{+49}_{-24}	$0.18^{+0.04}_{-0.03}$	114^{+5}_{-8}	$0.27^{+0.02}_{-0.01}$	$0.67^{+0.10}_{-0.20}$	0.300 ± 0.040
SDSS	J081420.19+383408.3	0.0980	52.5	-21.6	$12.1^{+0.3}_{-0.2}$	211^{+45}_{-26}	197^{+47}_{-26}	$0.27^{+0.05}_{-0.04}$	126^{+5}_{-7}	$0.42^{+0.03}_{-0.02}$	$0.64^{+0.09}_{-0.15}$	0.570 ± 0.050
SDSS	J082340.18+074801.68	0.1864	37.3	-21.4	$12.1^{+0.3}_{-0.2}$	209^{+49}_{-26}	193^{+50}_{-26}	$0.19^{+0.04}_{-0.03}$	116^{+5}_{-5}	$0.32^{+0.02}_{-0.01}$	$0.60^{+0.09}_{-0.16}$	0.370 ± 0.040
0827+243	J083052.08+241059.82	0.2580	69.5	-20.3	$11.8^{+0.4}_{-0.2}$	178^{+51}_{-23}	159^{+50}_{-23}	$0.44^{+0.10}_{-0.07}$	116^{+5}_{-8}	$0.60^{+0.05}_{-0.02}$	$0.73^{+0.12}_{-0.23}$	< 0.128
0827+243	J083052.08+241059.82	0.5247	37.2	-22.0	$12.3^{+0.2}_{-0.2}$	282^{+38}_{-29}	252^{+38}_{-28}	$0.15^{+0.02}_{-0.02}$	66^{+4}_{-4}	$0.56^{+0.04}_{-0.03}$	$0.26^{+0.03}_{-0.04}$	2.419 ± 0.012
0836+113	J083933.01+111203.82	0.7868	26.8	-20.9	$11.8^{+0.3}_{-0.2}$	212^{+46}_{-24}	174^{+43}_{-22}	$0.15^{+0.03}_{-0.02}$	65^{+3}_{-6}	$0.41^{+0.04}_{-0.02}$	$0.37^{+0.06}_{-0.09}$	2.133 ± 0.019
SDSS	J084119.78+012621.75	0.4091	76.4	-21.8	$12.2^{+0.2}_{-0.2}$	247^{+38}_{-27}	223^{+38}_{-27}	$0.34^{+0.05}_{-0.05}$	84^{+4}_{-5}	$0.91^{+0.06}_{-0.04}$	$0.38^{+0.05}_{-0.07}$	0.100 ± 0.020
SDSS	J084456.06+004708.95	0.1551	31.4	-20.5	$11.7^{+0.5}_{-0.2}$	156^{+59}_{-22}	140^{+59}_{-22}	$0.22^{+0.07}_{-0.04}$	134^{+6}_{-11}	$0.23^{+0.02}_{-0.01}$	$0.96^{+0.17}_{-0.40}$	0.400 ± 0.050
SDSS	J085826.93+022604.49	0.1097	91.4	-19.7	$11.4^{+0.6}_{-0.2}$	129^{+61}_{-18}	115^{+61}_{-17}	$0.80^{+0.28}_{-0.14}$	149^{+6}_{-14}	$0.61^{+0.06}_{-0.02}$	$1.30^{+0.23}_{-0.69}$	< 0.090
SDSS	J090519.70+084917.32	0.1499	8.6	-16.6	$10.7^{+0.7}_{-0.2}$	82^{+49}_{-11}	69^{+46}_{-11}	$0.12^{+0.05}_{-0.02}$	163^{+6}_{-17}	$0.05^{+0.01}_{-0.00}$	$2.35^{+0.43}_{-1.57}$	0.820 ± 0.100
SDSS	J090519.70+084917.32	0.3856	101.1	-21.1	$12.1^{+0.3}_{-0.2}$	233^{+47}_{-27}	210^{+47}_{-27}	$0.48^{+0.09}_{-0.07}$	89^{+4}_{-6}	$1.13^{+0.08}_{-0.05}$	$0.43^{+0.06}_{-0.10}$	< 0.060
SDSS	J090519.70+084917.32	0.4545	86.7	-20.8	$11.7^{+0.3}_{-0.2}$	184^{+48}_{-24}	159^{+46}_{-22}	$0.54^{+0.12}_{-0.09}$	96^{+4}_{-7}	$0.90^{+0.07}_{-0.04}$	$0.60^{+0.10}_{-0.18}$	< 0.060
SDSS	J091119.16+031152.9	0.0962	70.0	-21.5	$12.1^{+0.3}_{-0.2}$	208^{+45}_{-26}	194^{+47}_{-26}	$0.36^{+0.06}_{-0.06}$	127^{+5}_{-7}	$0.55^{+0.03}_{-0.02}$	$0.66^{+0.10}_{-0.16}$	0.820 ± 0.100
SDSS	J091845.91+060226.09	0.1849	81.0	-21.2	$12.0^{+0.2}_{-0.2}$	196^{+51}_{-26}	179^{+51}_{-26}	$0.45^{+0.10}_{-0.08}$	119^{+5}_{-8}	$0.68^{+0.05}_{-0.03}$	$0.67^{+0.11}_{-0.19}$	< 0.110
SDSS	J092300.67+075108.2	0.1038	10.0	-22.1	$12.5^{+0.2}_{-0.2}$	269^{+39}_{-30}	257^{+41}_{-32}	$0.04^{+0.01}_{-0.01}$	111^{+5}_{-5}	$0.09^{+0.00}_{-0.00}$	$0.43^{+0.06}_{-0.07}$	2.250 ± 0.140
SDSS	J093251.82+073729.11	0.3876	35.9	-21.3	$12.2^{+0.2}_{-0.2}$	245^{+43}_{-28}	222^{+44}_{-28}	$0.16^{+0.03}_{-0.02}$	86^{+4}_{-6}	$0.42^{+0.03}_{-0.02}$	$0.39^{+0.05}_{-0.08}$	1.100 ± 0.020

Table 1—Continued

(1) Field	(2) J-Name	(3) z_{gal}	(4) D (kpc)	(5) M_r (AB)	(6) $\log M_h/M_\odot$	(7)[a] V_c^{max} (km s^{-1})	(8)[a] R_{vir} (kpc)	(9)[a] η_v	(10)[a,b] R_c (kpc)	(11)[a] η_c	(12)[a] R_c/R_{vir}	(13) $W_r(2796)$ (Å)
SDSS	J093536.98+112408.03	0.2808	20.0	-20.3	$11.8^{+0.4}_{-0.2}$	182^{+51}_{-24}	163^{+51}_{-23}	$0.12^{+0.03}_{-0.02}$	113^{+5}_{-8}	$0.18^{+0.01}_{-0.01}$	$0.69^{+0.11}_{-0.22}$	0.790 ± 0.040
0950+483	J095000.73+483129.3	0.2119	93.6	-21.7	$12.4^{+0.2}_{-0.2}$	9999	247^{+36}_{-29}	$0.38^{+0.05}_{-0.05}$	9999	9999	9999	0.608 ± 0.024
SDSS	J100807.51+014448.97	0.2173	163.8	-22.3	$12.7^{+0.1}_{-0.1}$	327^{+32}_{-32}	314^{+34}_{-34}	$0.52^{+0.05}_{-0.06}$	84^{+4}_{-4}	$1.96^{+0.08}_{-0.09}$	$0.27^{+0.03}_{-0.03}$	< 0.300
SDSS	J100906.36+023555.31	0.2523	33.7	-21.6	$12.3^{+0.2}_{-0.2}$	254^{+39}_{-28}	236^{+40}_{-28}	$0.14^{+0.02}_{-0.02}$	97^{+4}_{-5}	$0.35^{+0.02}_{-0.01}$	$0.41^{+0.05}_{-0.07}$	0.100 ± 0.010
SDSS	J102218.98+013218.82	0.1369	106.0	-21.6	$12.2^{+0.3}_{-0.2}$	219^{+44}_{-26}	204^{+46}_{-27}	$0.52^{+0.10}_{-0.08}$	119^{+5}_{-7}	$0.89^{+0.05}_{-0.03}$	$0.58^{+0.08}_{-0.13}$	< 0.170
1019+309	J102230.29+304105.11	0.3460	46.0	-20.5	$11.9^{+0.3}_{-0.3}$	193^{+52}_{-25}	172^{+51}_{-24}	$0.27^{+0.06}_{-0.04}$	103^{+5}_{-8}	$0.45^{+0.04}_{-0.02}$	$0.60^{+0.10}_{-0.18}$	0.624 ± 0.017
SDSS	J102751.62+104532.61	0.1093	80.8	-22.3	$12.6^{+0.2}_{-0.2}$	299^{+35}_{-32}	289^{+38}_{-33}	$0.28^{+0.03}_{-0.04}$	103^{+5}_{-4}	$0.78^{+0.04}_{-0.03}$	$0.36^{+0.04}_{-0.05}$	< 0.230
SDSS	J102847.00+391800.5	0.1135	87.2	-21.6	$12.1^{+0.3}_{-0.2}$	213^{+45}_{-26}	198^{+47}_{-26}	$0.44^{+0.08}_{-0.07}$	124^{+7}_{-7}	$0.70^{+0.04}_{-0.03}$	$0.62^{+0.09}_{-0.15}$	0.300 ± 0.020
SDSS	J103607.51+015659.14	0.3571	169.9	-22.5	$12.8^{+0.4}_{-0.1}$	375^{+32}_{-37}	355^{+34}_{-38}	$0.48^{+0.04}_{-0.06}$	69^{+6}_{-5}	$2.47^{+0.22}_{-0.16}$	$0.19^{+0.02}_{-0.02}$	< 0.030
SDSS	J103836.50+095138.85	0.1742	15.1	-19.3	$11.3^{+0.6}_{-0.2}$	123^{+64}_{-17}	108^{+63}_{-16}	$0.14^{+0.05}_{-0.03}$	143^{+15}_{-15}	$0.11^{+0.01}_{-0.00}$	$1.32^{+0.24}_{-0.77}$	1.040 ± 0.060
1038+064	J104117.16+061016.92	0.3157	53.6	-19.6	$11.6^{+0.4}_{-0.2}$	156^{+55}_{-22}	136^{+54}_{-21}	$0.39^{+0.11}_{-0.07}$	116^{+5}_{-10}	$0.46^{+0.04}_{-0.02}$	$0.85^{+0.15}_{-0.34}$	< 0.030
1038+064	J104117.16+061016.92	0.4432	55.9	-21.4	$12.0^{+0.3}_{-0.2}$	221^{+43}_{-26}	196^{+42}_{-25}	$0.29^{+0.05}_{-0.04}$	87^{+4}_{-6}	$0.64^{+0.05}_{-0.03}$	$0.45^{+0.06}_{-0.10}$	0.673 ± 0.011
SDSS	J104935.99+075813.74	0.4793	176.5	-22.7	$12.8^{+0.1}_{-0.1}$	396^{+34}_{-36}	369^{+35}_{-37}	$0.48^{+0.04}_{-0.05}$	57^{+5}_{-4}	$3.09^{+0.27}_{-0.21}$	$0.15^{+0.02}_{-0.02}$	< 0.300
SDSS	J105033.08-001354.84	0.1155	85.1	-22.1	$12.5^{+0.2}_{-0.2}$	272^{+39}_{-30}	259^{+41}_{-32}	$0.33^{+0.04}_{-0.05}$	109^{+5}_{-5}	$0.78^{+0.04}_{-0.03}$	$0.42^{+0.06}_{-0.07}$	< 0.160
1100-264	J110325.29-264515.7	0.3590	60.8	-20.9	$12.0^{+0.3}_{-0.2}$	216^{+46}_{-27}	193^{+46}_{-26}	$0.31^{+0.06}_{-0.05}$	96^{+6}_{-6}	$0.63^{+0.05}_{-0.03}$	$0.50^{+0.08}_{-0.12}$	0.545 ± 0.001
SDSS	J111342.42-000730.80	0.1094	49.8	-22.4	$12.7^{+0.1}_{-0.2}$	320^{+34}_{-33}	311^{+37}_{-35}	$0.16^{+0.02}_{-0.02}$	98^{+5}_{-2}	$0.51^{+0.01}_{-0.02}$	$0.32^{+0.04}_{-0.04}$	< 0.250
SDSS	J111850.13-002100.7	0.1316	27.1	-21.8	$12.3^{+0.3}_{-0.2}$	235^{+42}_{-28}	221^{+44}_{-29}	$0.12^{+0.02}_{-0.02}$	116^{+5}_{-6}	$0.23^{+0.01}_{-0.01}$	$0.52^{+0.07}_{-0.11}$	1.930 ± 0.080
SDSS	J112016.66+093323.53	0.4933	34.0	-21.9	$12.2^{+0.2}_{-0.2}$	264^{+38}_{-28}	236^{+38}_{-27}	$0.14^{+0.02}_{-0.02}$	73^{+4}_{-5}	$0.47^{+0.03}_{-0.02}$	$0.31^{+0.04}_{-0.05}$	2.140 ± 0.030
SDSS	J112613.52+352002.60	0.1117	97.7	-21.7	$12.2^{+0.3}_{-0.2}$	222^{+43}_{-27}	207^{+45}_{-28}	$0.47^{+0.08}_{-0.07}$	122^{+5}_{-7}	$0.80^{+0.05}_{-0.03}$	$0.59^{+0.08}_{-0.13}$	< 0.200
1127-145	J113007.05-144927.38	0.2074	114.3	-19.4	$11.5^{+0.5}_{-0.2}$	145^{+55}_{-20}	129^{+54}_{-19}	$0.89^{+0.26}_{-0.16}$	131^{+5}_{-11}	$0.87^{+0.08}_{-0.03}$	$1.02^{+0.18}_{-0.43}$	< 0.004
1127-145	J113007.05-144927.38	0.2792	117.4	-19.8	$11.6^{+0.4}_{-0.2}$	162^{+55}_{-22}	143^{+54}_{-24}	$0.82^{+0.22}_{-0.14}$	118^{+5}_{-10}	$0.99^{+0.09}_{-0.04}$	$0.83^{+0.14}_{-0.31}$	< 0.004
1127-145	J113007.05-144927.38	0.3051	193.4	-20.8	$12.0^{+0.3}_{-0.2}$	206^{+47}_{-26}	185^{+47}_{-26}	$1.04^{+0.21}_{-0.17}$	104^{+5}_{-7}	$1.86^{+0.13}_{-0.08}$	$0.56^{+0.09}_{-0.14}$	< 0.004
1127-145	J113007.05-144927.38	0.3329	180.9	-20.8	$12.0^{+0.3}_{-0.2}$	206^{+49}_{-26}	185^{+49}_{-26}	$0.98^{+0.20}_{-0.16}$	101^{+5}_{-7}	$1.79^{+0.14}_{-0.08}$	$0.55^{+0.09}_{-0.15}$	< 0.004
SDSS	J113757.02+085017.21	0.3356	31.1	-20.5	$11.9^{+0.3}_{-0.2}$	192^{+52}_{-25}	171^{+51}_{-24}	$0.18^{+0.04}_{-0.03}$	104^{+5}_{-8}	$0.30^{+0.02}_{-0.01}$	$0.61^{+0.10}_{-0.18}$	0.910 ± 0.060
SDSS	J114144.62+080614.79	0.2290	76.7	-20.9	$12.0^{+0.3}_{-0.2}$	204^{+45}_{-26}	186^{+45}_{-26}	$0.41^{+0.07}_{-0.07}$	112^{+5}_{-7}	$0.68^{+0.04}_{-0.03}$	$0.60^{+0.09}_{-0.15}$	0.310 ± 0.030
SDSS	J114144.62+080614.79	0.3583	61.1	-21.5	$12.3^{+0.2}_{-0.2}$	255^{+40}_{-28}	233^{+40}_{-28}	$0.26^{+0.04}_{-0.04}$	86^{+4}_{-5}	$0.71^{+0.04}_{-0.03}$	$0.37^{+0.05}_{-0.07}$	0.490 ± 0.020
SDSS	J114444.63+071443.75	0.4906	97.6	-23.1	$13.2^{+0.1}_{-0.1}$	511^{+40}_{-47}	487^{+42}_{-49}	$0.20^{+0.02}_{-0.02}$	52^{+5}_{-4}	$1.87^{+0.19}_{-0.13}$	$0.11^{+0.01}_{-0.01}$	0.600 ± 0.100
SDSS	J114518.47+451601.4	0.1339	38.6	-21.9	$12.3^{+0.2}_{-0.2}$	245^{+42}_{-28}	231^{+44}_{-29}	$0.17^{+0.03}_{-0.02}$	113^{+5}_{-6}	$0.34^{+0.02}_{-0.01}$	$0.49^{+0.07}_{-0.10}$	1.060 ± 0.060
SDSS	J114657.91+020712.69	0.5437	74.7	-23.3	$13.4^{+0.1}_{-0.1}$	604^{+47}_{-56}	580^{+50}_{-58}	$0.13^{+0.01}_{-0.01}$	39^{+5}_{-4}	$1.92^{+0.25}_{-0.17}$	$0.07^{+0.01}_{-0.01}$	1.600 ± 0.200

Table 1—Continued

(1) Field	(2) J-Name	(3) z_{gal}	(4) D (kpc)	(5) M_r (AB)	(6) $\log M_h/M_\odot$	(7)[a] V_c^{max} (km s^{-1})	(8)[a] R_{vir} (kpc)	(9)[a] η_v	(10)[a,b] R_c (kpc)	(11)[a] η_c	(12)[a] R_c/R_{vir}	(13) $W_r(2796)$ (Å)
SDSS	J114803.17+565411.4	0.1045	29.5	-22.1	$12.4^{+0.2}_{-0.2}$	261^{+39}_{-29}	249^{+41}_{-31}	$0.12^{+0.02}_{-0.02}$	113^{+5}_{-5}	$0.26^{+0.01}_{-0.01}$	$0.45^{+0.06}_{-0.08}$	1.590 ± 0.060
1148+387	J115129.37+382552.35	0.5536	20.4	-21.3	$12.0^{+0.3}_{-0.2}$	224^{+45}_{-27}	194^{+43}_{-25}	$0.11^{+0.02}_{-0.02}$	78^{+4}_{-6}	$0.26^{+0.02}_{-0.01}$	$0.40^{+0.06}_{-0.09}$	0.640 ± 0.013
SDSS	J120932.26+004555.92	0.2533	54.2	-20.3	$11.8^{+0.4}_{-0.2}$	177^{+51}_{-23}	159^{+51}_{-23}	$0.34^{+0.08}_{-0.06}$	117^{+5}_{-9}	$0.46^{+0.04}_{-0.02}$	$0.73^{+0.12}_{-0.24}$	< 0.090
1209+107	J121140.59+103002.02	0.3920	37.5	-19.6	$11.6^{+0.4}_{-0.2}$	158^{+58}_{-22}	137^{+56}_{-21}	$0.27^{+0.08}_{-0.05}$	108^{+5}_{-10}	$0.35^{+0.03}_{-0.01}$	$0.79^{+0.14}_{-0.32}$	1.187 ± 0.005
1222+228	J122527.39+223513.0	0.5502	37.7	-20.3	$11.6^{+0.4}_{-0.2}$	170^{+54}_{-23}	144^{+51}_{-21}	$0.26^{+0.07}_{-0.04}$	92^{+4}_{-8}	$0.41^{+0.04}_{-0.02}$	$0.64^{+0.11}_{-0.23}$	0.094 ± 0.009
1229-021	J123200.01-022405.27	0.7546	12.4	-21.0	$11.8^{+0.3}_{-0.2}$	215^{+43}_{-24}	179^{+40}_{-22}	$0.07^{+0.01}_{-0.01}$	66^{+3}_{-5}	$0.19^{+0.02}_{-0.01}$	$0.37^{+0.05}_{-0.08}$	0.303 ± 0.003
1241+572	J124154.02+572107.3	0.2053	21.1	-19.8	$11.6^{+0.4}_{-0.2}$	9999	140^{+52}_{-21}	$0.15^{+0.03}_{-0.04}$	9999	9999	9999	0.977 ± 0.054
1241+176	J124410.82+172104.52	0.5500	21.1	-21.0	$11.8^{+0.3}_{-0.2}$	202^{+47}_{-25}	174^{+45}_{-23}	$0.12^{+0.03}_{-0.02}$	83^{+4}_{-6}	$0.25^{+0.02}_{-0.01}$	$0.48^{+0.07}_{-0.13}$	0.465 ± 0.011
1245+345	J124727.83+341509.56	0.9410	27.4	-21.2	$11.8^{+0.3}_{-0.2}$	223^{+41}_{-25}	179^{+37}_{-22}	$0.15^{+0.03}_{-0.02}$	54^{+5}_{-5}	$0.51^{+0.05}_{-0.03}$	$0.30^{+0.05}_{-0.07}$	0.460 ± 0.040
1246-057	J124913.85-055919.07	0.6370	29.0	-20.7	$11.7^{+0.3}_{-0.2}$	192^{+45}_{-23}	161^{+42}_{-21}	$0.18^{+0.04}_{-0.03}$	80^{+6}_{-4}	$0.36^{+0.03}_{-0.02}$	$0.49^{+0.08}_{-0.13}$	0.450 ± 0.004
1248+401	J125048.32+395139.48	0.7725	35.4	-20.4	$11.6^{+0.3}_{-0.2}$	185^{+48}_{-23}	151^{+44}_{-21}	$0.23^{+0.05}_{-0.04}$	73^{+4}_{-6}	$0.49^{+0.05}_{-0.02}$	$0.48^{+0.08}_{-0.14}$	0.695 ± 0.005
1254+047	J125659.92+042734.39	0.9341	12.5	-20.6	$11.6^{+0.3}_{-0.2}$	184^{+47}_{-22}	145^{+41}_{-19}	$0.09^{+0.02}_{-0.01}$	64^{+3}_{-4}	$0.20^{+0.02}_{-0.01}$	$0.44^{+0.07}_{-0.13}$	0.338 ± 0.005
SDSS	J125739.22+144806.26	0.4648	33.8	-21.6	$12.1^{+0.2}_{-0.2}$	241^{+40}_{-27}	214^{+39}_{-26}	$0.16^{+0.02}_{-0.02}$	81^{+4}_{-5}	$0.42^{+0.03}_{-0.02}$	$0.38^{+0.05}_{-0.07}$	0.120 ± 0.020
SDSS	J130554.17+014929.82	0.1747	129.8	-22.1	$12.4^{+0.2}_{-0.2}$	269^{+40}_{-30}	254^{+42}_{-31}	$0.51^{+0.07}_{-0.07}$	102^{+5}_{-5}	$1.27^{+0.07}_{-0.05}$	$0.40^{+0.05}_{-0.07}$	0.450 ± 0.030
SDSS	J130554.17+014929.82	0.2258	71.9	-21.0	$12.0^{+0.3}_{-0.2}$	210^{+44}_{-25}	192^{+44}_{-25}	$0.37^{+0.07}_{-0.06}$	111^{+5}_{-7}	$0.65^{+0.04}_{-0.03}$	$0.58^{+0.08}_{-0.14}$	< 0.060
SDSS	J131815.12+012450.67	0.5405	105.9	-22.8	$12.9^{+0.1}_{-0.1}$	424^{+36}_{-38}	392^{+37}_{-38}	$0.27^{+0.02}_{-0.03}$	51^{+4}_{-4}	$2.08^{+0.19}_{-0.15}$	$0.13^{+0.02}_{-0.02}$	< 0.300
1317+277	J131956.23+272808.22	0.6610	103.1	-21.7	$12.1^{+0.2}_{-0.2}$	259^{+37}_{-27}	224^{+35}_{-25}	$0.46^{+0.06}_{-0.06}$	62^{+3}_{-4}	$1.67^{+0.12}_{-0.09}$	$0.28^{+0.04}_{-0.05}$	0.320 ± 0.006
1317+277	J131956.23+272808.22	0.6719	57.7	-22.1	$12.4^{+0.1}_{-0.1}$	303^{+32}_{-29}	264^{+31}_{-27}	$0.22^{+0.02}_{-0.03}$	51^{+3}_{-3}	$1.14^{+0.08}_{-0.07}$	$0.19^{+0.02}_{-0.03}$	< 0.005
1322+464	J132222.46+464546.1	0.2144	38.6	-21.2	$12.1^{+0.3}_{-0.2}$	9999	205^{+44}_{-26}	$0.19^{+0.03}_{-0.03}$	9999	9999	9999	0.256 ± 0.021
1321+294	J132320.55+291007.15	0.2310	17.2	-20.3	$11.8^{+0.4}_{-0.2}$	176^{+50}_{-23}	158^{+50}_{-23}	$0.11^{+0.03}_{-0.02}$	120^{+5}_{-9}	$0.14^{+0.01}_{-0.01}$	$0.76^{+0.12}_{-0.24}$	0.710 ± 0.050
SDSS	J132757.41+101141.78	0.2557	25.5	-19.8	$11.6^{+0.4}_{-0.2}$	160^{+54}_{-22}	142^{+54}_{-21}	$0.18^{+0.05}_{-0.03}$	121^{+5}_{-10}	$0.21^{+0.02}_{-0.01}$	$0.86^{+0.15}_{-0.33}$	0.650 ± 0.040
SDSS	J132831.08+075942.01	0.2358	99.8	-20.7	$11.9^{+0.3}_{-0.2}$	195^{+47}_{-25}	177^{+48}_{-25}	$0.56^{+0.12}_{-0.09}$	114^{+5}_{-8}	$0.88^{+0.06}_{-0.06}$	$0.64^{+0.10}_{-0.17}$	0.210 ± 0.050
SDSS	J132831.08+075942.01	0.3323	32.5	-21.8	$12.4^{+0.2}_{-0.2}$	285^{+34}_{-31}	264^{+35}_{-31}	$0.12^{+0.01}_{-0.02}$	82^{+4}_{-4}	$0.40^{+0.02}_{-0.02}$	$0.31^{+0.04}_{-0.04}$	0.590 ± 0.040
1331+170	J133335.78+164904.01	0.7443	30.5	-21.4	$12.0^{+0.2}_{-0.2}$	245^{+39}_{-27}	207^{+36}_{-25}	$0.15^{+0.02}_{-0.01}$	60^{+3}_{-4}	$0.51^{+0.04}_{-0.03}$	$0.29^{+0.04}_{-0.05}$	1.836 ± 0.003
1332+552	J133411.70+550124.98	0.3730	27.7	-22.1	$12.5^{+0.2}_{-0.2}$	314^{+36}_{-32}	291^{+37}_{-32}	$0.10^{+0.01}_{-0.01}$	71^{+4}_{0}	$0.39^{+0.00}_{-0.02}$	$0.24^{+0.03}_{-0.03}$	2.900 ± 0.050
1340-006	J134251.60-005345.3	0.2270	35.3	-21.8	$12.4^{+0.2}_{-0.2}$	9999	252^{+36}_{-29}	$0.14^{+0.02}_{-0.02}$	9999	9999	9999	1.444 ± 0.105
1354+195	J135704.43+191907.37	0.4406	140.2	-20.8	$11.7^{+0.3}_{-0.2}$	183^{+48}_{-23}	158^{+46}_{-22}	$0.89^{+0.20}_{-0.14}$	97^{+4}_{-7}	$1.44^{+0.12}_{-0.06}$	$0.61^{+0.10}_{-0.18}$	< 0.013
1354+195	J135704.43+191907.37	0.4592	45.1	-20.8	$11.7^{+0.3}_{-0.2}$	184^{+48}_{-24}	159^{+46}_{-22}	$0.28^{+0.06}_{-0.05}$	95^{+4}_{-7}	$0.47^{+0.04}_{-0.02}$	$0.60^{+0.10}_{-0.18}$	0.773 ± 0.015
SDSS	J140619.61+130106.82	0.1748	121.6	-21.6	$12.1^{+0.3}_{-0.2}$	221^{+46}_{-27}	204^{+47}_{-27}	$0.59^{+0.11}_{-0.09}$	114^{+5}_{-7}	$1.06^{+0.07}_{-0.04}$	$0.56^{+0.08}_{-0.13}$	< 0.170

Table 1—Continued

(1) Field	(2) J-Name	(3) z_{gal}	(4) D (kpc)	(5) M_r (AB)	(6) $\log M_h/M_\odot$	(7)[a] V_c^{max} (km s^{-1})	(8)[a] R_{vir} (kpc)	(9)[a] η_v	(10)[a,b] R_c (kpc)	(11)[a] η_c	(12)[a] R_c/R_{vir}	(13) $W_r(2796)$ (Å)
SDSS	J140619.61+130106.82	0.2220	17.7	-20.3	$11.8^{+0.4}_{-0.2}$	175^{+50}_{-23}	158^{+50}_{-23}	$0.11^{+0.03}_{-0.02}$	121^{+5}_{-9}	$0.15^{+0.01}_{-0.01}$	$0.77^{+0.12}_{-0.25}$	0.960 ± 0.060
SDSS	J140843.77+004730.46	0.1146	48.6	-21.4	$12.0^{+0.3}_{-0.2}$	200^{+48}_{-26}	185^{+49}_{-26}	$0.26^{+0.06}_{-0.04}$	127^{+5}_{-8}	$0.38^{+0.03}_{-0.01}$	$0.69^{+0.11}_{-0.19}$	< 0.270
SDSS	J141654.33−000520.35	0.4746	83.7	-22.8	$12.9^{+0.1}_{-0.1}$	420^{+35}_{-38}	394^{+37}_{-39}	$0.21^{+0.02}_{-0.02}$	57^{+5}_{-4}	$1.46^{+0.13}_{-0.10}$	$0.15^{+0.02}_{-0.02}$	< 0.300
SDSS	J142310.50+093357.14	0.6139	172.6	-24.2	$13.7^{+0.1}_{-0.1}$	773^{+42}_{-49}	750^{+45}_{-52}	$0.23^{+0.01}_{-0.01}$	9^{+4}_{-3}	$8.83^{+7.49}_{-3.72}$	$0.01^{+0.00}_{-0.00}$	< 0.150
SDSS	J142556.40−001818.79	0.1382	133.5	-23.2	$13.4^{+0.1}_{-0.2}$	530^{+45}_{-53}	539^{+51}_{-59}	$0.25^{+0.02}_{-0.03}$	102^{+7}_{-9}	$1.31^{+0.12}_{-0.09}$	$0.19^{+0.02}_{-0.02}$	< 0.290
1424−118	J142738.10−120350.00	0.3404	85.9	-20.8	$12.0^{+0.3}_{-0.2}$	209^{+48}_{-27}	187^{+48}_{-26}	$0.46^{+0.09}_{-0.07}$	100^{+5}_{-7}	$0.86^{+0.06}_{-0.04}$	$0.53^{+0.08}_{-0.14}$	0.100 ± 0.015
SDSS	J143216.78+095519.29	0.3293	19.0	-20.7	$11.9^{+0.3}_{-0.3}$	204^{+49}_{-26}	183^{+49}_{-25}	$0.10^{+0.02}_{-0.02}$	102^{+5}_{-7}	$0.19^{+0.01}_{-0.01}$	$0.56^{+0.09}_{-0.15}$	2.360 ± 0.040
SDSS	J150339.98+064259.96	0.1809	26.1	-19.3	$11.3^{+0.6}_{-0.2}$	125^{+63}_{-17}	109^{+62}_{-17}	$0.24^{+0.09}_{-0.04}$	141^{+5}_{-14}	$0.18^{+0.02}_{-0.01}$	$1.30^{+0.24}_{-0.74}$	< 0.170
SDSS	J150339.98+064259.96	0.2333	94.6	-19.9	$11.7^{+0.4}_{-0.2}$	163^{+53}_{-22}	145^{+53}_{-21}	$0.65^{+0.17}_{-0.11}$	123^{+5}_{-10}	$0.77^{+0.07}_{-0.03}$	$0.85^{+0.14}_{-0.31}$	< 0.090
SDSS	J151228.82−011223.12	0.1284	25.2	-19.6	$11.4^{+0.6}_{-0.2}$	130^{+62}_{-18}	115^{+62}_{-17}	$0.22^{+0.08}_{-0.04}$	146^{+6}_{-14}	$0.17^{+0.02}_{-0.01}$	$1.28^{+0.23}_{-0.69}$	0.940 ± 0.160
1511+103	J151329.29+101105.54	0.4370	38.0	-20.4	$11.6^{+0.4}_{-0.2}$	166^{+52}_{-22}	143^{+50}_{-21}	$0.27^{+0.07}_{-0.05}$	102^{+5}_{-8}	$0.37^{+0.03}_{-0.02}$	$0.72^{+0.12}_{-0.25}$	0.454 ± 0.046
SDSS	J151541.23+334739.49	0.1156	29.7	-21.4	$12.0^{+0.2}_{-0.2}$	202^{+48}_{-26}	187^{+50}_{-26}	$0.16^{+0.03}_{-0.03}$	126^{+5}_{-8}	$0.23^{+0.02}_{-0.01}$	$0.67^{+0.10}_{-0.18}$	< 0.190
SDSS	J153112.98+091138.78	0.2659	48.3	-19.9	$11.7^{+0.4}_{-0.2}$	165^{+54}_{-22}	147^{+53}_{-22}	$0.33^{+0.09}_{-0.06}$	119^{+5}_{-9}	$0.41^{+0.04}_{-0.02}$	$0.81^{+0.14}_{-0.30}$	0.310 ± 0.030
SDSS	J153112.98+091138.78	0.3265	91.3	-20.2	$11.8^{+0.4}_{-0.2}$	180^{+53}_{-24}	159^{+52}_{-23}	$0.57^{+0.14}_{-0.10}$	109^{+5}_{-8}	$0.84^{+0.07}_{-0.04}$	$0.68^{+0.11}_{-0.23}$	< 0.060
SDSS	J153715.34+023049.73	0.2151	29.0	-20.3	$11.8^{+0.4}_{-0.2}$	177^{+50}_{-23}	159^{+50}_{-23}	$0.18^{+0.04}_{-0.03}$	121^{+5}_{-9}	$0.24^{+0.02}_{-0.01}$	$0.76^{+0.12}_{-0.24}$	0.800 ± 0.020
1548+092	J155103.39+090849.25	0.3390	103.8	-21.6	$12.3^{+0.2}_{-0.2}$	263^{+39}_{-29}	241^{+40}_{-29}	$0.43^{+0.06}_{-0.06}$	86^{+4}_{-5}	$1.20^{+0.07}_{-0.05}$	$0.36^{+0.05}_{-0.06}$	< 0.024
1548+092	J155103.39+090849.25	0.5540	64.5	-21.6	$12.1^{+0.2}_{-0.2}$	249^{+40}_{-27}	218^{+39}_{-26}	$0.30^{+0.05}_{-0.04}$	72^{+4}_{-5}	$0.90^{+0.07}_{-0.05}$	$0.33^{+0.05}_{-0.06}$	< 0.023
1548+092	J155103.39+090849.25	0.7703	40.5	-19.8	$11.4^{+0.4}_{-0.2}$	155^{+53}_{-20}	124^{+48}_{-18}	$0.33^{+0.09}_{-0.05}$	80^{+4}_{-8}	$0.50^{+0.05}_{-0.02}$	$0.65^{+0.11}_{-0.25}$	0.229 ± 0.018
1548+092	J155103.39+090849.25	0.8030	120.9	-23.3	$13.1^{+0.1}_{-0.1}$	517^{+33}_{-38}	464^{+33}_{-38}	$0.26^{+0.02}_{-0.02}$	21^{+3}_{-2}	$5.71^{+0.76}_{-0.53}$	$0.05^{+0.01}_{-0.01}$	< 0.020
SDSS	J155336.46+053423.97	0.3227	70.3	-22.0	$12.5^{+0.2}_{-0.2}$	299^{+35}_{-31}	279^{+36}_{-31}	$0.25^{+0.03}_{-0.03}$	79^{+4}_{-4}	$0.88^{+0.05}_{-0.04}$	$0.28^{+0.05}_{-0.04}$	0.710 ± 0.010
1555+362	J155504.39+362847.9	0.1892	33.4	-21.0	$12.1^{+0.3}_{-0.2}$	9999	194^{+45}_{-25}	$0.17^{+0.03}_{-0.03}$	9999	9999	9999	0.124 ± 0.020
SDSS	J155557.07−003608.41	0.3006	47.7	-19.5	$11.5^{+0.5}_{-0.2}$	152^{+56}_{-21}	133^{+55}_{-20}	$0.36^{+0.11}_{-0.06}$	119^{+5}_{-10}	$0.40^{+0.04}_{-0.02}$	$0.90^{+0.16}_{-0.37}$	< 0.060
SDSS	J160726.77+471251.37	0.4980	188.6	-22.0	$12.3^{+0.2}_{-0.2}$	281^{+38}_{-28}	252^{+38}_{-28}	$0.75^{+0.10}_{-0.09}$	68^{+4}_{-4}	$2.76^{+0.19}_{-0.14}$	$0.27^{+0.03}_{-0.04}$	1.200 ± 0.200
SDSS	J160749.34−002219.86	0.3985	48.8	-21.9	$12.5^{+0.2}_{-0.2}$	305^{+37}_{-31}	281^{+37}_{-32}	$0.17^{+0.02}_{-0.02}$	71^{+4}_{-3}	$0.69^{+0.03}_{-0.03}$	$0.25^{+0.03}_{-0.04}$	0.800 ± 0.010
SDSS	J160905.42+071337.29	0.2075	52.1	-21.1	$12.1^{+0.3}_{-0.2}$	217^{+45}_{-25}	200^{+46}_{-25}	$0.26^{+0.05}_{-0.04}$	111^{+4}_{-7}	$0.47^{+0.03}_{-0.02}$	$0.56^{+0.08}_{-0.13}$	< 0.120
SDSS	J161714.12+243255.63	0.5703	46.7	-23.7	$13.9^{+0.1}_{-0.1}$	855^{+60}_{-59}	845^{+65}_{-64}	$0.06^{+0.00}_{-0.00}$	3^{+3}_{-3}	$4.25^{+9.99}_{-6.79}$	$0.00^{+0.00}_{-0.00}$	1.500 ± 0.300
SDSS	J161940.56+254323.0	0.1244	43.0	-21.9	$12.3^{+0.2}_{-0.2}$	240^{+42}_{-27}	226^{+44}_{-28}	$0.19^{+0.03}_{-0.03}$	115^{+5}_{-6}	$0.37^{+0.02}_{-0.01}$	$0.51^{+0.07}_{-0.10}$	0.320 ± 0.030
1622+238	J162439.08+234512.20	0.2610	125.0	-19.1	$11.4^{+0.5}_{-0.2}$	139^{+58}_{-19}	121^{+57}_{-18}	$1.03^{+0.33}_{-0.18}$	127^{+5}_{-12}	$0.98^{+0.10}_{-0.04}$	$1.05^{+0.18}_{-0.50}$	< 0.015
1622+238	J162439.08+234512.20	0.2800	140.3	-17.8	$11.1^{+0.6}_{-0.2}$	110^{+57}_{-15}	93^{+54}_{-14}	$1.51^{+0.55}_{-0.27}$	135^{+5}_{-14}	$1.04^{+0.12}_{-0.04}$	$1.45^{+0.26}_{-0.85}$	< 0.013

Table 1—Continued

(1) Field	(2) J-Name	(3) $z_{\rm gal}$	(4) D (kpc)	(5) M_r (AB)	(6) $\log M_h/M_\odot$	(7)[a] $V_c^{\rm max}$ (km s^{-1})	(8)[a] $R_{\rm vir}$ (kpc)	(9)[a] η_v	(10)[a,b] R_c (kpc)	(11)[a] η_c	(12)[a] $R_c/R_{\rm vir}$	(13) $W_r(2796)$ (Å)
1622+238	J162439.08+234512.20	0.3181	54.4	−20.9	$12.0^{+0.3}_{-0.2}$	215^{+45}_{-26}	195^{+46}_{-26}	$0.28^{+0.05}_{-0.04}$	100^{+4}_{-6}	$0.54^{+0.04}_{-0.02}$	$0.51^{+0.08}_{-0.12}$	0.491 ± 0.010
1622+238	J162439.08+234512.20	0.4720	34.0	−19.5	$11.4^{+0.5}_{-0.2}$	142^{+54}_{-19}	120^{+51}_{-18}	$0.28^{+0.09}_{-0.05}$	106^{+4}_{-10}	$0.32^{+0.03}_{-0.01}$	$0.89^{+0.15}_{-0.38}$	0.769 ± 0.006
1622+238	J162439.08+234512.20	0.5650	61.7	−18.7	$11.2^{+0.5}_{-0.2}$	127^{+57}_{-17}	103^{+52}_{-15}	$0.60^{+0.20}_{-0.10}$	103^{+4}_{-11}	$0.60^{+0.07}_{-0.02}$	$0.99^{+0.18}_{-0.50}$	< 0.024
1622+238	J162439.08+234512.20	0.6350	64.0	−18.7	$11.0^{+0.5}_{-0.2}$	113^{+51}_{-15}	90^{+46}_{-13}	$0.71^{+0.24}_{-0.12}$	102^{+4}_{-10}	$0.63^{+0.07}_{-0.02}$	$1.13^{+0.20}_{-0.57}$	< 0.024
1622+238	J162439.08+234512.20	0.6560	99.3	−20.3	$11.6^{+0.4}_{-0.2}$	173^{+48}_{-22}	143^{+45}_{-20}	$0.69^{+0.16}_{-0.11}$	83^{+7}_{-7}	$1.19^{+0.11}_{-0.05}$	$0.58^{+0.09}_{-0.18}$	1.446 ± 0.006
1622+238	J162439.08+234512.20	0.7016	112.3	−21.6	$12.1^{+0.2}_{-0.2}$	258^{+37}_{-27}	220^{+35}_{-25}	$0.51^{+0.07}_{-0.07}$	59^{+3}_{-4}	$1.89^{+0.15}_{-0.10}$	$0.27^{+0.04}_{-0.05}$	0.032 ± 0.003
1622+238	J162439.08+234512.20	0.7975	71.3	−21.4	$12.0^{+0.2}_{-0.2}$	247^{+40}_{-27}	206^{+37}_{-24}	$0.35^{+0.05}_{-0.05}$	56^{+3}_{-4}	$1.27^{+0.11}_{-0.07}$	$0.27^{+0.04}_{-0.05}$	0.468 ± 0.008
1622+238	J162439.08+234512.20	0.8280	139.3	−20.8	$11.7^{+0.3}_{-0.2}$	192^{+44}_{-23}	155^{+39}_{-20}	$0.90^{+0.18}_{-0.13}$	68^{+3}_{-6}	$2.06^{+0.07}_{-0.11}$	$0.44^{+0.07}_{-0.11}$	< 0.005
1622+238	J162439.08+234512.20	0.8909	23.2	−20.9	$11.7^{+0.3}_{-0.2}$	201^{+43}_{-24}	162^{+38}_{-21}	$0.14^{+0.03}_{-0.02}$	62^{+3}_{-5}	$0.38^{+0.06}_{-0.09}$	$0.38^{+0.03}_{-0.09}$	1.548 ± 0.004
1704+710	J170426.08+705734.7	0.7123	22.1	−20.2	$11.5^{+0.4}_{-0.2}$	173^{+49}_{-22}	142^{+45}_{-20}	$0.16^{+0.04}_{-0.03}$	79^{+7}_{-7}	$0.28^{+0.09}_{-0.01}$	$0.56^{+0.09}_{-0.18}$	1.490 ± 0.050
2000−330	J200324.11−325145.13	0.7910	49.8	−22.4	$12.5^{+0.1}_{-0.1}$	350^{+33}_{-31}	302^{+31}_{-29}	$0.16^{+0.02}_{-0.01}$	35^{+0}_{-3}	$1.43^{+0.02}_{-0.01}$	$0.12^{+0.02}_{-0.01}$	1.165 ± 0.002
SDSS	J204303.55−010126.05	0.1329	39.6	−19.3	$11.3^{+0.6}_{-0.2}$	123^{+62}_{-17}	108^{+61}_{-16}	$0.37^{+0.13}_{-0.07}$	148^{+6}_{-15}	$0.27^{+0.03}_{-0.01}$	$1.37^{+0.25}_{-0.78}$	< 0.290
SDSS	J204303.55−010126.05	0.2356	48.6	−21.2	$12.2^{+0.2}_{-0.2}$	227^{+43}_{-26}	209^{+44}_{-26}	$0.23^{+0.04}_{-0.03}$	106^{+4}_{-6}	$0.46^{+0.03}_{-0.02}$	$0.50^{+0.07}_{-0.11}$	1.240 ± 0.050
SDSS	J210230.72+094125.08	0.3565	22.5	−20.4	$11.8^{+0.4}_{-0.2}$	189^{+53}_{-25}	168^{+52}_{-24}	$0.13^{+0.03}_{-0.02}$	103^{+5}_{-8}	$0.22^{+0.02}_{-0.01}$	$0.61^{+0.10}_{-0.19}$	0.710 ± 0.040
SDSS	J211626.32−062437.44	0.5237	142.5	−22.9	$13.0^{+0.1}_{-0.1}$	467^{+37}_{-40}	438^{+38}_{-41}	$0.33^{+0.03}_{-0.03}$	51^{+4}_{-4}	$2.81^{+0.26}_{-0.20}$	$0.12^{+0.01}_{-0.01}$	0.500 ± 0.100
SDSS	J212938.59−063801.85	0.2782	27.5	−19.8	$11.6^{+0.4}_{-0.2}$	160^{+54}_{-22}	141^{+54}_{-21}	$0.20^{+0.05}_{-0.04}$	119^{+5}_{-10}	$0.23^{+0.02}_{-0.01}$	$0.85^{+0.15}_{-0.32}$	0.580 ± 0.030
2145+067	J214805.45+065738.60	0.7900	40.8	−21.6	$12.1^{+0.2}_{-0.2}$	256^{+39}_{-27}	215^{+36}_{-25}	$0.19^{+0.03}_{-0.03}$	54^{+4}_{-3}	$0.75^{+0.06}_{-0.04}$	$0.25^{+0.04}_{-0.05}$	0.547 ± 0.005
2206−199	J220852.07−194359.0	0.7520	11.7	−21.1	$11.9^{+0.3}_{-0.2}$	221^{+43}_{-25}	184^{+39}_{-23}	$0.06^{+0.01}_{-0.01}$	65^{+5}_{-4}	$0.18^{+0.02}_{-0.01}$	$0.35^{+0.05}_{-0.08}$	0.890 ± 0.002
2206−199	J220852.07−194359.0	0.9480	86.9	−21.9	$12.2^{+0.2}_{-0.1}$	286^{+35}_{-27}	235^{+35}_{-25}	$0.37^{+0.04}_{-0.04}$	39^{+3}_{-4}	$2.24^{+0.23}_{-0.17}$	$0.17^{+0.02}_{-0.03}$	0.249 ± 0.002
2206−199	J220852.07−194359.0	1.0166	104.4	−23.0	$12.6^{+0.1}_{-0.1}$	399^{+30}_{-32}	335^{+28}_{-30}	$0.31^{+0.02}_{-0.03}$	18^{+2}_{-2}	$5.68^{+0.73}_{-0.54}$	$0.05^{+0.01}_{-0.01}$	1.047 ± 0.003
SDSS	J221126.76+124458.16	0.4872	31.3	−22.8	$12.9^{+0.1}_{-0.1}$	427^{+36}_{-39}	400^{+37}_{-40}	$0.08^{+0.01}_{-0.01}$	56^{+5}_{-4}	$0.56^{+0.05}_{-0.04}$	$0.14^{+0.02}_{-0.02}$	0.400 ± 0.020
SDSS	J221526.74+011356.47	0.1952	30.9	−18.3	$11.1^{+0.6}_{-0.2}$	106^{+59}_{-15}	91^{+57}_{-14}	$0.34^{+0.13}_{-0.06}$	147^{+6}_{-15}	$0.21^{+0.02}_{-0.01}$	$1.62^{+0.30}_{-1.02}$	< 0.230
SDSS	J221526.74+011356.47	0.3203	50.5	−20.8	$12.0^{+0.3}_{-0.2}$	206^{+48}_{-26}	185^{+48}_{-26}	$0.27^{+0.06}_{-0.04}$	102^{+5}_{-7}	$0.49^{+0.04}_{-0.02}$	$0.55^{+0.09}_{-0.14}$	0.400 ± 0.050
SDSS	J223246.80+134702.04	0.3221	39.2	−22.0	$12.5^{+0.2}_{-0.2}$	300^{+35}_{-31}	280^{+36}_{-32}	$0.14^{+0.02}_{-0.02}$	79^{+4}_{-4}	$0.50^{+0.03}_{-0.02}$	$0.28^{+0.04}_{-0.04}$	0.920 ± 0.050
SDSS	J223316.87+133309.90	0.2138	32.3	−21.0	$12.1^{+0.3}_{-0.2}$	213^{+45}_{-25}	196^{+46}_{-25}	$0.16^{+0.03}_{-0.02}$	112^{+5}_{-7}	$0.29^{+0.02}_{-0.01}$	$0.57^{+0.08}_{-0.14}$	1.360 ± 0.060
SDSS	J223359.93−003315.79	0.1162	12.1	−18.7	$11.2^{+0.6}_{-0.2}$	110^{+59}_{-15}	96^{+58}_{-15}	$0.13^{+0.05}_{-0.02}$	155^{+6}_{-16}	$0.08^{+0.01}_{-0.00}$	$1.63^{+0.30}_{-0.98}$	1.110 ± 0.090
2231−002	J223408.99+000001.69	0.8549	23.6	−20.7	$11.6^{+0.3}_{-0.2}$	184^{+45}_{-22}	148^{+40}_{-20}	$0.16^{+0.03}_{-0.02}$	68^{+3}_{-6}	$0.35^{+0.03}_{-0.02}$	$0.46^{+0.07}_{-0.13}$	0.784 ± 0.004
SDSS	J224704.78−081617.54	0.4270	111.7	−22.2	$12.5^{+0.2}_{-0.1}$	303^{+34}_{-29}	277^{+34}_{-29}	$0.40^{+0.04}_{-0.05}$	69^{+4}_{-4}	$1.62^{+0.09}_{-0.08}$	$0.25^{+0.03}_{-0.03}$	< 0.060
SDSS	J225036.72+000759.49	0.1483	52.4	−21.9	$12.4^{+0.2}_{-0.2}$	253^{+41}_{-28}	239^{+43}_{-29}	$0.22^{+0.03}_{-0.03}$	109^{+5}_{-6}	$0.48^{+0.03}_{-0.02}$	$0.46^{+0.06}_{-0.08}$	1.080 ± 0.070

Table 1—Continued

(1) Field	(2) J-Name	(3) z_{gal}	(4) D (kpc)	(5) M_r (AB)	(6) $\log M_h/M_\odot$	(7)[a] V_c^{max} (km s^{-1})	(8)[a] R_{vir} (kpc)	(9)[a] η_v	(10)[a,b] R_c (kpc)	(11)[a] η_c	(12)[a] R_c/R_{vir}	(13) $W_r(2796)$ (Å)
SDSS	J230225.49$-$082154.12	0.3618	34.4	-21.6	$12.3^{+0.2}_{-0.2}$	268^{+39}_{-29}	245^{+40}_{-29}	$0.14^{+0.02}_{-0.02}$	83^{+4}_{-5}	$0.41^{+0.03}_{-0.02}$	$0.34^{+0.04}_{-0.06}$	2.020 ± 0.060
SDSS	J230845.60$-$091449.45	0.2147	12.7	-20.4	$11.8^{+0.4}_{-0.2}$	181^{+50}_{-24}	164^{+51}_{-23}	$0.08^{+0.02}_{-0.01}$	120^{+5}_{-9}	$0.11^{+0.01}_{-0.00}$	$0.73^{+0.12}_{-0.23}$	0.430 ± 0.070
SDSS	J232735.98$+$153309.57	0.4756	161.7	-21.3	$12.0^{+0.3}_{-0.2}$	218^{+44}_{-26}	192^{+43}_{-25}	$0.84^{+0.15}_{-0.13}$	85^{+4}_{-6}	$1.90^{+0.14}_{-0.09}$	$0.44^{+0.07}_{-0.10}$	< 0.300
SDSS	J232925.18$-$100722.43	0.4606	98.1	-22.5	$12.7^{+0.1}_{-0.1}$	357^{+32}_{-33}	330^{+33}_{-33}	$0.30^{+0.03}_{-0.03}$	59^{+4}_{-2}	$1.67^{+0.05}_{-0.12}$	$0.18^{+0.02}_{-0.02}$	< 0.300
2342+089	J234433.00$+$091039.4	0.7233	34.5	-22.8	$12.7^{+0.1}_{-0.1}$	390^{+30}_{-31}	346^{+29}_{-30}	$0.10^{+0.01}_{-0.01}$	37^{+3}_{-3}	$0.92^{+0.08}_{-0.07}$	$0.11^{+0.01}_{-0.01}$	1.480 ± 0.050
2343+125	J234628.21$+$124859.9	0.7148	84.4	-21.8	$12.2^{+0.2}_{-0.2}$	270^{+36}_{-27}	231^{+34}_{-25}	$0.36^{+0.05}_{-0.04}$	56^{+3}_{-4}	$1.52^{+0.12}_{-0.09}$	$0.24^{+0.03}_{-0.04}$	< 0.005
2343+125	J234628.21$+$124859.9	0.7313	32.5	-19.8	$11.4^{+0.4}_{-0.2}$	154^{+53}_{-20}	124^{+48}_{-18}	$0.26^{+0.07}_{-0.04}$	83^{+4}_{-8}	$0.39^{+0.04}_{-0.02}$	$0.67^{+0.11}_{-0.26}$	1.655 ± 0.006
SDSS	J234949.61$+$003535.39	0.2778	31.8	-20.5	$11.9^{+0.3}_{-0.2}$	188^{+51}_{-24}	168^{+51}_{-24}	$0.19^{+0.04}_{-0.03}$	111^{+5}_{-8}	$0.29^{+0.02}_{-0.01}$	$0.66^{+0.11}_{-0.20}$	0.350 ± 0.020

[a]Uncertainties are based upon uncertainties in the virial masses (Column 6). For some quantities a larger (smaller) virial mass results in smaller (larger) values such that the uncertainties anti-correlate.

[b]Because the slope of R_c changes sign as a function of virial mass, where the slope is positive the uncertainties correlate and where the slope is negative they anti-correlate (see Figure 11). In the narrow virial mass ranges where the slope of R_c changes sign, it is possible that both the upward and downward uncertainties in virial mass can result in an upward (or downward) uncertainty in R_c.