Table 1
Absorber–Galaxy Properties

(1) QSO	(2) J-Name	(3) z_{gal}	(4) $B-K$	(5) D (kpc)	(6) D/R_{vir}	(7) $\log(M_h/M_\odot)$	(8) V_{circ} (km s^{-1})	(9) z_{abs}	(10) $W_r(2796)$ (Å)	(11) $\log N$(Mg II) (cm^{-2})	(12) Ref[a]
0002+051	J000520.21+052411.80	0.298	2.43	59.2	0.31	$12.0^{+0.3}_{-0.2}$	211^{+45}_{-26}	0.298059	0.244±0.003	13.14±0.08	1
0002+051	J000520.21+052411.80	0.592	2.05	36.0	0.14	$12.3^{+0.2}_{-0.2}$	291^{+38}_{-29}	0.591365	0.102±0.002	12.60±0.11	1
0002+051	J000520.21+052411.80	0.85180	0.74	25.9	0.14	$11.8^{+0.2}_{-0.2}$	220^{+40}_{-24}	0.851393	1.089±0.008	14.43±0.24	1
0058+019	J010054.15+021136.52	0.6128	1.32	29.5	0.24	$11.4^{+0.4}_{-0.2}$	151^{+51}_{-20}	0.612586	1.684±0.004	15.74±0.12	2
0102−190	J010516.82−184641.9	1.025	···	40.0	0.17	$12.1^{+0.1}_{-0.1}$	284^{+31}_{-25}	1.026450	0.946±0.010	15.15±0.45	3
0117+213	J012017.20+213346.00	0.5763	2.09	7.8	0.02	$12.9^{+0.1}_{-0.1}$	415^{+35}_{-37}	0.576398	0.902±0.007	∼ 15.31[b]	2
0117+213	J012017.20+213346.00	0.729	2.12	55.4	0.14	$12.9^{+0.1}_{-0.1}$	434^{+33}_{-35}	0.729077	0.244±0.005	13.04±0.08	1
0150−202	J015227.32−200107.10	0.780	1.03	54.7	0.26	$12.1^{+0.2}_{-0.2}$	252^{+38}_{-27}	0.779796	0.404±0.016	15.80±0.17	3
0229+131	J023145.89+132254.71	0.4167	2.04	36.9	0.14	$12.4^{+0.2}_{-0.2}$	285^{+34}_{-29}	0.417338	0.816±0.020	13.83±0.22	1
0235+164	J023838.93+163659.27	0.852	1.48	7.6	0.02	$12.6^{+0.1}_{-0.1}$	370^{+31}_{-32}	0.852255	0.505±0.004	13.68±0.12	3
0302−223	J030450.10−221157.00	0.418	···	126.0	0.20	$13.5^{+0.1}_{-0.1}$	625^{+47}_{-52}	0.420411	0.727±0.028	14.76±0.96	3
0302−223	J030450.10−221157.00	1.000	···	61.2	0.31	$12.0^{+0.2}_{-0.1}$	248^{+34}_{-24}	1.009382	1.099±0.036	15.22±0.50	2
0334−204	J033626.90−201940.00	1.120	···	64.3	0.19	$12.6^{+0.1}_{-0.1}$	404^{+30}_{-32}	1.117706	1.706±0.020	16.85±0.30	3
0349−146	J035128.54−142908.71	0.3567	0.28	71.3	0.42	$11.9^{+0.3}_{-0.2}$	193^{+52}_{-25}	0.357168	0.175±0.007	13.86±0.30	1
0454−220	J045608.92−215909.40	0.48382	1.66	107.1	0.44	$12.3^{+0.2}_{-0.2}$	270^{+38}_{-28}	0.483337	0.426±0.007	13.68±0.39	1
0454+039	J045647.17+040052.94	0.8596	···	16.0	0.14	$11.2^{+0.4}_{-0.2}$	145^{+49}_{-19}	0.859569	1.476±0.009	∼ 15.51[b]	2
0827+243	J083052.08+241059.82	0.5247	2.23	37.2	0.15	$12.3^{+0.2}_{-0.2}$	282^{+38}_{-29}	0.524966	2.419±0.012	∼ 15.19[b]	1
0836+113	J083933.01+111203.82	0.78682	0.86	26.8	0.15	$11.8^{+0.3}_{-0.2}$	212^{+46}_{-24}	0.786725	2.113±0.019	15.54±7.39	1
1019+309	J102230.29+304105.11	0.346	1.23	46.0	0.27	$11.9^{+0.3}_{-0.2}$	193^{+52}_{-25}	0.346246	0.628±0.017	15.54±0.41	3
1038+064	J104117.16+061016.92	0.4432	2.81	55.9	0.29	$12.0^{+0.3}_{-0.2}$	221^{+43}_{-26}	0.441453	0.673±0.011	13.72±0.26	1
1100−264	J110325.29−264515.7	0.359	···	60.8	0.31	$12.0^{+0.3}_{-0.2}$	216^{+46}_{-27}	0.358989	0.545±0.001	14.26±0.08	3
1148+387	J115129.37+382552.35	0.5536	1.19	20.4	0.11	$12.0^{+0.3}_{-0.2}$	224^{+45}_{-27}	0.553363	0.640±0.013	13.47±0.13	1
1209+107	J121140.59+103002.02	0.392	1.02	37.5	0.27	$11.6^{+0.4}_{-0.2}$	158^{+58}_{-22}	0.392924	1.187±0.005	13.94±0.30	1
1222+228	J122527.39+223513.0	0.5502	2.17	37.7	0.26	$11.6^{+0.4}_{-0.2}$	170^{+54}_{-23}	0.550198	0.094±0.009	12.45±0.36	1
1229−021	J123200.01−022405.27	0.7546	1.33	12.4	0.07	$11.8^{+0.3}_{-0.2}$	215^{+43}_{-24}	0.756903	0.303±0.003	13.44±0.07	2
1241+176	J124410.82+172104.52	0.550	1.34	21.1	0.12	$11.8^{+0.3}_{-0.2}$	202^{+47}_{-25}	0.550482	0.465±0.011	13.63±0.12	1
1246−057	J124913.85−055919.07	0.637	1.63	29.0	0.18	$11.7^{+0.3}_{-0.2}$	192^{+45}_{-23}	0.639909	0.450±0.004	13.74±0.26	1
1248+401	J125048.32+395139.48	0.7725	1.28	35.4	0.23	$11.6^{+0.3}_{-0.2}$	185^{+48}_{-23}	0.772957	0.695±0.005	13.85±2.32	2
1254+047	J125659.92+042734.39	0.9341	1.22	12.5	0.09	$11.6^{+0.3}_{-0.2}$	184^{+47}_{-22}	0.934231	0.338±0.005	13.25±0.10	2
1317+277	J131956.23+272808.22	0.6610	1.45	103.1	0.46	$12.1^{+0.2}_{-0.2}$	259^{+37}_{-27}	0.660049	0.320±0.006	13.13±0.43	1
1331+170	J133335.78+164904.01	0.7443	2.02	30.5	0.15	$12.0^{+0.2}_{-0.2}$	245^{+39}_{-27}	0.744642	1.836±0.003	14.19±0.10	2
1354+195	J135704.43+191907.37	0.4592	1.40	45.1	0.28	$11.7^{+0.3}_{-0.2}$	184^{+48}_{-24}	0.456598	0.773±0.015	13.90±0.92	1
1424−118	J142738.10−120350.00	0.3404	1.77	85.9	0.46	$12.0^{+0.3}_{-0.2}$	209^{+48}_{-27}	0.341716	0.100±0.015	12.61±0.06	1
1548+092	J155103.39+090849.25	0.7703	0.68	40.5	0.33	$11.4^{+0.4}_{-0.2}$	155^{+53}_{-20}	0.770643	0.229±0.018	13.26±0.02	3
SDSS	J160726.77+471251.37	0.4980	1.41	188.6	0.75	$12.3^{+0.2}_{-0.2}$	281^{+38}_{-28}	0.497479	1.237±0.037	15.90±3.53	3
1622+238	J162439.08+234512.20	0.3181	2.85	54.4	0.28	$12.0^{+0.3}_{-0.2}$	215^{+45}_{-26}	0.317597	0.491±0.010	13.88±1.17	1
1622+238	J162439.08+234512.20	0.4720	0.92	34.0	0.28	$11.4^{+0.5}_{-0.2}$	142^{+54}_{-19}	0.471930	0.769±0.006	14.48±2.16	1
1622+238	J162439.08+234512.20	0.6560	0.93	99.3	0.69	$11.6^{+0.4}_{-0.2}$	173^{+48}_{-22}	0.656106	1.446±0.006	∼ 14.82[b]	1
1622+238	J162439.08+234512.20	0.7975	1.66	71.3	0.35	$12.0^{+0.2}_{-0.2}$	247^{+40}_{-27}	0.797078	0.468±0.008	13.28±0.06	1
1622+238	J162439.08+234512.20	0.8909	0.41	23.2	0.14	$11.7^{+0.3}_{-0.2}$	201^{+43}_{-24}	0.891276	1.548±0.004	∼ 14.90[b]	1
2128−123	J213135.26−120704.79	0.430	2.06	48.1	0.24	$12.0^{+0.2}_{-0.2}$	225^{+43}_{-26}	0.429812	0.452±0.008	∼ 14.18[b]	2
2145+067	J214805.45+065738.60	0.790	1.39	40.8	0.19	$12.1^{+0.2}_{-0.2}$	256^{+39}_{-27}	0.790866	0.547±0.005	13.42±0.62	2
2206−199	J220852.07−194359.0	0.752	···	11.7	0.06	$11.9^{+0.3}_{-0.2}$	221^{+43}_{-25}	0.751923	0.890±0.002	16.23±0.04	2
2206−199	J220852.07−194359.0	0.948	0.74	86.9	0.37	$12.2^{+0.2}_{-0.1}$	286^{+35}_{-27}	0.948362	0.256±0.003	13.18±0.07	2
2206−199	J220852.07−194359.0	1.01655	0.63	104.4	0.31	$12.6^{+0.1}_{-0.1}$	399^{+30}_{-32}	1.017050	1.058±0.004	14.43±0.11	2
2231−002	J223408.99+000001.69	0.8549	···	23.6	0.16	$11.6^{+0.3}_{-0.2}$	184^{+45}_{-22}	0.855069	0.784±0.004	13.75±0.13	2
2343+125	J234628.21+124859.9	0.7313	1.22	32.5	0.26	$11.4^{+0.4}_{-0.2}$	154^{+53}_{-20}	0.731219	1.655±0.006	∼ 16.21[b]	2

[a] Mg II Absorption Measurements: (1) Kacprzak et al. (2011), (2) Evans (2011), and (3) This work.
[b] At least one cloud is not well constrained, resulting in a large uncertainty.