

TABLE 1
GALAXIES WITH GAS AND H α DISTRIBUTIONS

GALAXY	TYPE	DISTANCE (Mpc)	SOURCES		
			H I Data	CO Data	H α Data
NGC 598 (M33)	Sc	0.8	1	10	17
NGC 628	Sc	10.	2		19
NGC 925	Sc	9.5	2		19
NGC 2366	Sc	3.5	2		19
NGC 2403	Sc	3.5	2	10	17
NGC 2841	Sb	12.	3	11	17
NGC 4254	Sc	17.5	4	12	18
NGC 4303	Sc	17.5	4	12	18
NGC 4321	Sc	17.5	4	12	18
NGC 4535	Sc	17.5	4	12	18
NGC 4548	SBb	17.5	4	12	20
NGC 4569	Sab	17.5	4	12	20
NGC 4571	Sc	17.5	4	12	18
NGC 4647	Sc	17.5	4	12	21
NGC 4654	Sc	17.5	4	12	18
NGC 4689	Sc	17.5	4	12	18
NGC 4736	Sab	4.5	3	13	17
NGC 5194 (M51)	Sbc	7.5	5	14	17
NGC 5457 (M101)	Sc	6.	6, 7	15	17
NGC 6946	Sc	5.	8	16	18
NGC 7331	Sb	14.	3	11	19
NGC 3941	SB0/a	20.	9		
NGC 4192	Sb:	17.5	4	12	
NGC 4203	S0	23.	9		
NGC 4216	Sb	17.5	4	12	
NGC 4262	SB0	17.5	9		
NGC 4388	Sab	17.5	4	12	
NGC 4394	SBb	17.5	4	12	
NGC 4579	Sab	17.5	4	12	
NGC 4639	SBb	17.5	4	12	
NGC 4698	Sa	17.5	4	12	
NGC 5101	SB0/a	28.	9		
NGC 5102	S0	20.	9		

NOTES.—Sources of data as follows: (1) Newton 1980. (2) Wevers, van der Kruit, and Allen 1986. (3) Bosma 1981. (4) Warmels 1988. (5) Rogstad and Shostak 1972. (6) Huchtmeier and Witzel 1979. (7) Bosma, Goss, and Allen 1981. (8) Tacconi and Young 1986. (9) van Driel 1987. (10) Young 1986. (11) Young and Scoville 1982*c*. (12) Kenney and Young 1988. (13) Garman and Young 1986. (14) Scoville and Young 1983. (15) Solomon *et al.* 1983. (16) Young and Scoville 1982*a*. (17) H II region photometry; this paper. (18) Calibrated H II region number densities; this paper. (19) Hodge and Kennicutt 1983*b*. (20) Hodge 1974. (21) Kennicutt *et al.* 1987.