Table 1 - Data for disk planetary nebulae

name	PNG	d	R	ϵ(O)	ϵ(Ne)	ϵ(S)	ϵ(Ar)	Ref.
NGC 40	120.0+09.8	0.8	8.02	8.70	7.50	6.61	0.00	1
NGC 1535	206.4−40.5	1.6	8.71	8.61	7.92	6.83	6.39	1
NGC 2022	196.6−10.9	2.2	9.69	8.41	8.04	6.93	6.49	1
NGC 2371	189.1+19.8	1.5	9.00	8.63	8.18	6.90	6.51	1
NGC 2392	197.8+17.3	2.0	9.44	8.50	7.80	6.79	6.18	1
NGC 2438	231.8+04.1	1.5	8.61	8.84	8.20	6.88	6.56	1
NGC 2452	243.3−01.0	2.7	9.14	8.61	8.01	6.84	6.36	6
NGC 2792	265.7+04.1	1.8	7.94	8.75	7.93	0.00	6.23	1
NGC 2867	278.1−05.9	1.6	7.54	8.71	7.95	6.73	6.26	1
NGC 3132	272.1+12.3	1.1	7.64	8.95	8.48	7.19	6.93	1,2
NGC 3195	296.6−20.0	2.4	6.89	8.90	8.24	0.00	6.85	1
NGC 3211	286.3−04.8	2.5	7.30	8.70	8.14	7.13	0.00	1
NGC 3242	261.0+32.0	0.8	7.74	8.66	7.90	6.69	6.26	1
NGC 3587	148.4+57.0	0.7	7.93	8.59	8.07	6.81	6.30	1
NGC 3699	292.6+01.2	2.0	7.08	9.01	8.39	0.00	6.91	2
NGC 3918	294.6+04.7	2.2	6.98	8.78	8.16	6.80	6.53	1
NGC 5307	312.3+10.5	2.3	6.30	8.64	7.92	6.98	0.00	1
NGC 5882	327.8+10.0	1.6	6.32	8.69	8.16	6.98	6.49	1
NGC 6210	043.1+37.7	1.3	6.88	8.70	8.00	7.23	6.40	1
NGC 6309	009.6+14.8	2.1	5.61	8.91	8.08	7.32	6.76	1
NGC 6439	011.0+05.8	3.8	3.96	8.88	8.36	7.07	6.63	1
NGC 6543	096.4+29.9	0.7	7.69	8.72	8.08	7.00	6.48	1
NGC 6563	358.5−07.3	1.9	5.72	8.57	7.98	7.33	6.33	1
NGC 6565	003.5−04.6	1.5	6.11	8.91	8.17	6.99	6.64	1
NGC 6567	011.7−00.6	1.5	6.14	8.50	7.78	6.76	5.90	1
NGC 6572	034.6+11.8	0.8	6.97	8.77	8.08	6.65	6.40	1
NGC 6578	010.8−01.8	2.1	5.55	8.75	8.18	6.98	6.50	1
NGC 6629	009.4−05.0	1.6	6.03	8.61	7.93	6.55	6.44	1
NGC 6720	063.1+13.9	0.7	7.32	8.79	8.18	6.99	6.45	1
NGC 6790	037.8−06.3	1.5	6.49	8.60	7.83	6.85	6.20	1

Table 1 - continued

name	PNG	d	R	ϵ(O)	ϵ(Ne)	ϵ(S)	ϵ(Ar)	Ref.
NGC 6818	025.8−17.9	1.5	6.35	8.74	8.08	7.03	6.58	1
NGC 6826	083.5+12.7	0.7	7.55	8.43	7.88	6.80	6.05	1
NGC 6879	057.2−08.9	3.7	6.40	8.61	7.95	6.60	6.28	1
NGC 6884	082.1+07.0	1.7	7.56	8.66	7.99	7.03	6.58	1
NGC 6886	060.1−07.7	1.7	6.92	8.68	8.20	7.23	6.45	1
NGC 6891	054.1−12.1	2.2	6.57	8.65	7.90	6.85	6.11	1
NGC 6894	069.4−02.6	1.5	7.21	8.60	7.97	0.00	0.00	1
NGC 6905	061.4−09.5	1.8	6.93	8.66	8.15	7.00	6.46	1
NGC 7009	037.7−34.5	0.9	7.03	8.84	8.11	7.01	6.42	1
NGC 7026	089.0+00.3	0.9	7.64	8.79	8.26	7.15	6.64	1
NGC 7027	084.9−03.4	0.7	7.57	8.62	7.89	6.86	6.53	1
NGC 7354	107.8+02.3	0.8	7.88	8.92	8.01	7.17	6.22	5
NGC 7662	106.5−17.6	0.8	7.85	8.61	7.90	6.83	6.35	1
IC 351	159.0−15.1	3.0	10.36	8.48	7.88	6.71	6.36	1
IC 418	215.2−24.2	1.6	8.83	8.54	7.82	6.62	6.40	1
IC 1297	358.3−21.6	3.0	4.81	8.89	0.00	7.02	6.28	1
IC 1747	130.2+01.3	2.5	9.41	8.75	8.04	6.90	6.34	1
IC 2003	161.2−14.8	2.4	9.83	8.62	7.81	6.59	6.20	1
IC 2149	166.1+10.4	1.1	8.65	8.54	7.87	6.60	6.32	1
IC 2165	221.3−12.3	1.9	9.08	8.42	7.91	6.75	6.30	1
IC 2448	285.7−14.9	2.9	7.35	8.59	7.99	0.00	0.00	1
IC 2501	281.0−05.6	0.8	7.49	8.92	8.29	6.87	6.54	1
IC 2621	291.6−04.8	2.1	7.10	8.90	7.92	7.00	6.58	1
IC 3568	123.6+34.5	2.1	8.68	8.57	7.91	7.00	6.52	1
IC 4406	319.6+15.7	1.7	6.44	8.75	8.23	7.25	6.50	2,4,7
IC 4776	002.0−13.4	3.3	4.39	8.86	8.04	7.08	6.47	1
IC 5117	089.8−05.1	1.0	7.66	8.61	8.04	7.08	6.37	1
IC 5217	100.6−05.4	2.8	8.56	8.70	7.93	6.97	6.35	1
BD+303639	064.7+05.0	0.7	7.33	8.58	8.16	6.86	0.00	1
Cn2-1	356.2−04.4	3.6	4.03	9.00	8.58	7.51	6.77	1

Table 1 - continued

name	PNG	d	R	ϵ(O)	ϵ(Ne)	ϵ(S)	ϵ(Ar)	Ref.
Fg 1	290.5+07.9	2.4	7.12	8.45	7.87	0.00	0.00	1
H1-13	352.8−00.2	0.8	6.81	8.61	0.00	0.00	0.00	7
H1-17	358.3+03.0	3.8	3.81	9.38	0.00	7.72	6.64	9
H1-32	355.6−02.7	2.7	4.92	8.58	0.00	0.00	0.00	8
H1-44	358.9−03.7	3.2	4.41	8.67	0.00	0.00	0.00	8
H1-56	001.7−04.6	3.6	4.01	8.72	0.00	0.00	0.00	8
H2-37	002.3−03.4	2.0	5.61	8.62	0.00	0.00	0.00	8
Hb 4	003.1+02.9	2.2	5.41	8.76	7.91	7.29	6.53	1,5
Hb 5	359.3−00.9	1.2	6.40	8.93	8.23	6.85	6.83	1
Hb 12	111.8−02.8	2.3	8.72	8.40	7.59	7.43	0.00	1
He2-21	275.3−04.7	7.2	9.96	8.45	7.89	6.45	5.85	1,2
He2-29	275.8−02.9	4.0	8.22	8.62	7.70	6.96	6.14	6
He2-37	274.6+03.5	2.3	7.76	8.96	8.24	0.00	0.00	1
He2-47	285.6−02.7	2.0	7.32	8.90	0.00	6.65	5.91	7,9
He2-48	282.9+03.8	5.1	8.15	8.53	7.91	0.00	0.00	1
He2-51	288.8−05.2	3.0	7.21	8.68	8.36	7.06	6.60	1,6,7
He2-55	286.3+02.8	2.6	7.31	8.54	7.91	0.00	0.00	1
He2-67	292.8+01.1	4.3	7.14	8.91	0.00	0.00	6.78	7
He2-86	300.7−02.0	2.6	6.66	8.75	0.00	7.08	6.66	1
He2-99	309.0−04.2	4.2	5.94	8.79	0.00	0.00	0.00	1
He2-112	319.2+06.8	2.5	5.95	8.61	7.96	7.00	6.42	1,6
He2-115	321.3+02.8	2.0	6.17	8.62	0.00	6.63	6.38	1
He2-118	327.5+13.3	8.4	4.45	8.98	0.00	7.21	6.53	9
He2-119	317.1−05.7	1.7	6.46	8.77	8.44	7.15	6.35	1,6,7
He2-123	323.9+02.4	2.9	5.53	8.67	0.00	6.82	6.42	1
He2-138	320.1−09.6	3.1	5.61	8.83	0.00	0.00	0.00	1
He2-140	327.1−01.8	2.9	5.40	8.75	0.00	7.07	6.38	1
He2-141	325.4−04.0	2.8	5.53	9.00	8.09	7.00	6.75	1,2
He2-157	331.0−02.7	5.4	3.89	9.22	0.00	7.65	6.51	1
He2-158	327.8−06.1	10.0	5.36	8.90	0.00	6.94	6.22	1

Table 1 - continued

name	PNG	d	R	ϵ(O)	ϵ(Ne)	ϵ(S)	ϵ(Ar)	Ref.
He2-250	000.7+03.2	2.7	4.90	9.18	0.00	0.00	0.00	8
Hu1-1	119.6−06.7	4.7	10.70	8.68	7.96	6.99	6.26	1
J 320	190.3−17.7	4.1	11.46	8.33	7.74	6.70	6.13	1
J 900	194.2+02.5	2.1	9.65	8.60	7.91	6.50	6.07	1
K1-7	197.2−14.2	5.8	13.08	8.77	8.16	7.10	6.55	3
K3-66	167.4−09.1	6.7	14.13	7.89	0.00	5.91	5.90	3
K3-68	178.3−02.5	6.0	13.59	8.11	7.61	0.00	0.00	8
M1-1	130.3−11.7	4.1	10.65	8.30	7.67	6.64	6.31	1
M1-4	147.4−02.3	1.7	9.08	8.50	7.73	6.70	6.18	1
M1-5	184.0−02.1	2.1	9.69	8.54	7.74	6.87	0.00	1
M1-7	189.8+07.7	5.7	13.20	8.71	7.88	0.00	0.00	8
M1-8	210.3+01.9	3.5	10.77	8.65	8.18	6.65	6.24	6
M1-11	232.8−04.7	2.1	9.02	7.88	0.00	5.82	5.28	3
M1-14	234.9−01.4	3.8	10.27	8.40	8.26	6.41	6.32	3
M1-17	228.8+05.3	5.8	12.20	8.80	8.10	6.65	6.36	1,8
M1-25	004.9+04.9	3.6	4.04	8.99	0.00	7.33	6.67	1
M1-34	357.9−05.1	3.5	4.12	9.02	0.00	7.48	6.59	1
M1-38	002.4−03.7	3.4	4.21	8.91	0.00	6.91	0.00	1
M1-40	008.3−01.1	1.9	5.73	9.08	0.00	7.47	6.93	1,9
M1-50	014.6−04.3	3.9	3.96	8.74	7.83	6.88	6.28	1
M1-54	016.0−04.3	3.2	4.62	8.97	7.91	7.28	6.66	1
M1-57	022.1−02.4	3.1	4.87	8.96	7.90	7.26	6.51	1
M1-60	019.7−04.5	3.7	4.31	8.84	0.00	7.23	6.68	9
M1-74	052.2−04.0	2.5	6.38	8.78	8.17	6.98	6.52	1
M1-79	093.3−02.4	1.0	7.72	8.62	0.00	0.00	0.00	8
M1-80	107.7−02.2	6.4	11.32	8.59	7.72	6.72	6.12	1
M2-2	147.8+04.1	1.4	8.81	8.43	7.77	0.00	5.95	1
M2-10	354.2+04.3	3.9	3.75	9.00	0.00	7.60	6.56	1
M2-16	357.4−03.2	1.8	5.81	8.78	0.00	0.00	0.00	8
M2-27	359.9−04.5	2.3	5.31	8.89	0.00	0.00	0.00	8

Table 1 - continued

name	PNG	d	R	ϵ(O)	ϵ(Ne)	ϵ(S)	ϵ(Ar)	Ref.
M3-1	242.6−11.6	4.3	10.25	8.39	7.79	6.82	6.20	6
M3-4	241.0+02.3	4.6	10.62	8.72	8.17	6.49	6.45	6
M3-5	245.4+01.6	4.9	10.62	8.29	7.94	6.29	6.21	6
M3-6	253.9+05.7	2.6	8.68	8.64	7.71	6.73	6.32	1
M3-15	006.8+04.1	1.9	5.72	8.41	7.48	6.70	6.50	1
MaC 2-1	205.8−26.7	4.5	11.36	8.44	7.60	6.99	5.53	3
PB 3	269.0−03.0	3.2	8.30	8.83	8.41	6.99	6.65	2
PC 14	336.2−06.9	4.5	3.95	9.16	8.46	0.00	0.00	1
Pe1-18	027.3−02.1	1.5	6.31	8.92	0.00	7.34	6.58	1
Th2-A	306.4−00.6	2.5	6.44	8.74	8.14	0.00	0.00	1

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