TABLE 2

INFRARED SPECTRAL CLASSIFICATIONS OF CARBON STARS

PSC	Name	Var.	Period (d)	Spectral Class	[12]	[12]−[25]	LRS	AC II	Dust	D.E.C.
00036+6947	OR Cep	Lb	···	C	−0.28	0.14	44	3	SiC+	0.22
00172+4425	VX And	SRa	369.00	C4,5(N7) [J]	−0.68	0.22	24	3	SiC++	0.33
01080+5327	HV Cas	M	527.00	C4,3−C5,4e(Ne)	−0.93	0.44	44	0	SiC	0.33
01133+2530	Z Psc	SRb	144.00	C7,2(N0)	−0.18	0.37	22	3	SiC+:	0.14
01246−3248	R Scl	SRb	370.00	C6,5ea(Np)	−1.89	0.82	···	···	SiC++	0.30
02270−2619	R For	M	388.73	C4,3e(Ne)	−2.38	0.24	43	0	SiC	0.19
03075+5742	V623 Cas	Lb:	···	C4,5J(R5)	−0.32	−0.05	31	6	N:	−0.07
03112−5730	TW Hor	SRb	158.00	C7,2(N0)	−1.30	0.53	43	0	SiC	0.19
03229+4721	V384 Per	M	535.00	C(N)	−3.19	0.48	44	0	SiC	0.36
03374+6229	U Cam	SRb	···	C3,9−C6,4e(N5)	−1.58	0.38	45	0	SiC+	0.20
03488+3943	V414 Per	Lb:	···	C	−1.74	0.16	42	···	SiC	0.13
04262+3945	GI Per	SRb	400.00	C7,4(N)	−0.52	0.31	45	4	SiC:	0.39
04284+1732	V718 Tau	M	405.00	C2:e(Ne)	−1.01	−0.01	45	0	SiC	0.15
04459+6804	ST Cam	SRb	300.00	C5,4(N5)	−1.31	0.17	42	3	SiC+:	0.11
04483+2826	TT Tau	SRb	166.50	C4,2−C7,4(N3)	−0.17	0.33	22	9	SiC+:	0.19
04573−1452	R Lep	M	427.07	C7,6e(N6e)	−2.82	0.28	45	0	SiC	0.23
04595+5033	EL Aur	Lb	···	C5,4(N3)	−0.18	0.35	42	3	SiC+	0.12
05028+0106	W Ori	SRb	212.00	C5,4(N5)	−2.03	0.18	44	0	SiC+	0.27
05131+1155	V431 Ori	SRb	122.00	C5,5(N)	−0.25	0.21	44	3	SiC+	0.16
05149+3511	DY Aur	M	473.84	C(R)	−0.38	0.20	43	3	SiC	0.13
05185+3227	UV Aur	M	394.42	C6,2−C8,2Jep(Ne)	−0.97	0.24	43	0	SiC+	0.32
05418−4628	W Pic	Lb	···	C(N)	−0.75	0.25	41	0	SiC++:	0.19
05421+2424	TU Tau	SRb	190.00	C5,4(N3)+A2III−V	−0.24	0.10	42	3	SiC:	−0.01
05426+2040	Y Tau	SRb	241.50	C6.5,4e(N3)	−1.77	0.43	45	0	SiC	0.25
05576+3940	AZ Aur	M	415.92	C7,1e−C8,2−3(N0e)	−0.61	0.21	42	0	Br2	0.31
06077+2601	TU Gem	SRb	230.00	C6,4(N3)	−0.99	0.23	···	···	SiC	0.25
06225+1445	BL Ori	Lb	···	C6,3(Nb,Tc)	−0.49	0.30	16	3	Br2	0.12
06226−0905	V636 Mon	M:	···	C	−1.61	0.32	43	0	SiC+	0.26
06315+1606	CR Gem	Lb	···	C8,3e(N)	−0.36	0.60	42	1	Br2	0.41
06331+3829	UU Aur	SRb	234.00	C5,3−C7,4(N3)	−2.28	0.28	43	0	SiC	0.15
06504−1206	GP CMa	Lb:	···	Cea:	−0.72	0.25	45	0	SiC	0.24
06528−4218	NP Pup	Lb	···	C7,2(N0)	−0.26	0.44	42	3	SE5:	0.13
06529+0626	CL Mon	M	497.15	C6,3e(N6e)	−1.51	0.12	44	0	SiC	0.15
06556+0614	RV Mon	SRb	131.50	C4,4−C6,2(Nb/R9)	−0.10	0.16	43	3	SiC	0.10
07045−0728	RY Mon	SRa	455.70	C5,5−C7,4:(N5/R)	−0.79	0.21	45	3	SiC+	0.14
07057−1150	W CMa	Lb	···	C6,3(N)	−0.35	0.62	42	3	SiC+:	0.15
07065−7256	R Vol	M	453.60	Ce(N)	−2.14	0.48	45	0	SiC	0.30
07179+2505	BM Gem	SRb	286.00	C5,4J(Nb)	−0.23	0.93	29	11	SE8	1.76
07487−0229	V633 Mon	M:	···	C	−0.49	0.34	42	3	SiC	0.16
08174+0255	RY Hya	SRb	529.00	C6,4e(Nb)	−0.05	0.20	45	4	SiC+	0.37
08525+1725	X Cnc	SRb	195.00	C5,4(N3)	−1.26	0.19	42	3	SiC+	0.16
08538+2002	T Cnc	SRb	482.00	C3,8−C5,5(R6−N6)	−0.84	0.13	23	3	SiC++	0.18
09112−2311	IQ Hya	M	···	C3,2(Ne)	−0.23	0.19	45	0	SiC	0.29
09452+1330	CW Leo	M	630.00	C9,5	−8.06	0.78	43	5	Red	0.61
10131+3049	RW LMi	SRa	640.00	C4,3ev	−5.17	0.47	04	3	SiC:	0.15
10249−2517	CZ Hya	M	442.00	Ce(Ne)	−0.67	0.50	46	0	SiC	0.33
10329−3918	U Ant	Lb	···	C5,3(Nb)	−1.93	0.13	21	3	SiC+:	0.07
10350−1307	U Hya	SRb	450.00	C6.5,3(N2)(Tc)	−2.15	0.43	···	···	SiC	0.14
10368−6033	TV Car	Lb:	···	C	−0.19	0.39	45	4	SiC	0.36
10416+6740	VY UMa	Lb	···	C6,3(N0)	−0.66	0.14	42	3	SiC	0.06
10491−2059	V Hya	SRa	530.70	C6,3e−C7,5e(N6e)	−3.98	0.61	···	···	Red	0.36
12226+0102	SS Vir	SRa	364.14	C6,3e(Ne)	−1.28	0.30	04	3	Br1	0.40
12427+4542	Y CVn	SRb	157.00	C5,4J(N3)	−2.47	0.07	42	3	SiC+:	0.07
12447+0425	RU Vir	M	433.20	C8,1e(R3ep)	−2.27	0.26	44	0	SiC	0.36
12465−6129	RX Cru	Lb:	···	Cea(N:)	−0.53	0.19	44	3	SiC+	0.12
12544+6615	RY Dra	SRb:	200.00	C4,5J(N4p)	−1.46	0.20	41	3	SiC+	0.08
13343−5613	RV Cen	M	446.00	N3e	−0.27	0.41	25	6	Br1	0.41
15094−6953	X Tra	Lb	···	C5,5(Nb)	−2.13	0.19	42	3	SiC+	0.10
15219−7545	U Aps	Lb	···	C(Nb)	−0.00	0.10	44	3	SiC+	0.06
15477+3943	V CrB	M	357.63	C6,2e(N2e)	−1.42	0.28	···	···	SiC	0.30
16239−1218	V Oph	M	297.21	C5,2−C7,4e(N3e)	−0.03	0.20	43	3	SiC+	0.17
17103−3551	V617 Sco	M	523.60	C	−0.82	0.78	44	0	SiC	0.29
17267−1926	TW Oph	SRb	185.00	C5,5(Nb)	−1.33	0.13	43	3	SiC++	0.16
17389−5742	V Pav	SRb	225.40	C6,4(Nb)	−1.52	0.42	45	0	SiC+	0.39
17556+5813	T Dra	M	421.62	C6,2e−C8,3e(N0e)	−2.11	0.37	45	0	SiC	0.40
18040−0941	FX Ser	Lb:	···	C	−2.19	0.56	44	0	SiC	0.21
18073−2652	V1280 Sgr	M	523.00	C6−7,3(N)	−1.25	0.33	45	0	SiC	0.21
18155−1327	ES Ser	Lb	···	C(N)	−0.12	0.20	···	···	SiC+:	−0.11
18306+3657	T Lyr	Lb	···	C6,5(R6) [J]	−1.28	0.38	04	3	SiC++	0.30
18476−0758	S Sct	SRb	148.00	C6,4(N3)	−0.91	0.12	···	···	N	−0.05
19017−0545	V Aql	SRb	353.00	C5,4−C6,4(N6)	−1.81	0.07	42	3	SiC+	0.10
19162−1600	V1942 Sgr	Lb	···	C6,4(N2/R8)	−0.06	0.10	18	3	N	−0.06

TABLE 2—*Continued*

PSC	Name	Var.	Period (d)	Spectral Class	[12]	[12]−[25]	LRS	AC II	Dust	D.E.C.
19233+7627	UX Dra	SRa:	168.00	C7,3(N0)	−0.93	0.22	23	3	Br1	0.16
19276−0056	V374 Aql	SRa	456.50	C7,3(Ne)	−0.68	0.63	45	0	SiC	0.30
19314−1629	AQ Sgr	SRb	199.60	C7,4(N3)	−0.75	0.36	43	3	SiC+	0.13
19555+4407	AX Cyg	Lb	···	C4,5(N6)	−0.26	0.13	42	3	SiC+:	0.00
20141−2128	RT Cap	SRb	393.00	C6,4(N3)	−1.03	0.19	···	···	SiC+:	0.22
20180+4744	U Cyg	M	463.24	C7,2e−C9,2(Npe)	−1.50	0.32	···	···	SiC	0.38
20350+5954	V778 Cyg	Lb	···	C4,5J(N)	−0.06	1.00	29	11	SE7	1.86
20396+4757	V Cyg	M	421.27	C5,3e−C7,4e(Npe)	−3.43	0.43	44	0	SiC	0.25
21032−0024	RV Aqr	M	453.50	C6−7,2−4(Ne)	−2.59	0.50	45	0	SiC	0.31
21035+5136	V1549 Cyg	Lb	···	C6,4	−2.38	0.64	44	0	SiC+	0.23
21168−4514	T Ind	SRb	320.00	C7,2(Na)	−0.56	0.18	17	3	SiC:	0.03
21197−6956	Y Pav	SRb	233.30	C7,3(N0)	−1.02	0.48	22	3	Br1	0.20
21232+5705	V345 Cep	SRa	417.70	C	−0.49	0.55	44	0	SiC	0.37
21262+7000	AX Cep	M	395.00	C(N)	−0.87	0.45	45	0	SiC	0.29
21320+3850	V1426 Cyg	M	470.00	C7,2e(N)	−2.40	0.47	44	0	SiC	0.37
21358+7823	S Cep	M	486.84	C7,4e(N8e)	−2.83	0.41	···	···	SiC+:	0.30
21366+4529	V1568 Cyg	M	495.00	C(N)	−0.40	0.42	44	0	SiC	0.33
21383+4513	V644 Cyg	SRb	575.00	C(N)	−0.65	0.51	44	0	SiC	0.38
21399+3516	V460 Cyg	SRb	180.00	C6,4(N1)	−1.07	0.18	42	3	SiC+:	0.10
21412+3747	RV Cyg	SRb	263.00	C6,4e(N5)	−1.40	0.28	···	···	SiC+	0.12
21440+7324	PQ Cep	M	···	C6−,3e(N)	−1.72	0.26	44	0	SiC+	0.29
23320+4316	LP And	M:	···	C8,3.5e	−3.83	0.78	42	1	Red	0.48
23438+0312	TX Psc	Lb	···	C7,2(N0)(Tc)	−1.90	0.03	···	···	N	0.07
23587+6004	WZ Cas	SRb	186.00	C9,2J Li(N1p)	−0.48	0.28	23	3	Br1	0.18