

BBSAG Bulletin 23

1975 September 8

56th List of Minima of Eclipsing Binaries

The following table lists 527 minima obtained visually mainly during 1975 June, July, and August by the observers

- TB Thierry Bonneville, Caudry, France
- AC Alain Chetanneau, Nantes, France
- FD François Desprez, Lomme, France
- RD Roger Diethelm, Reinach, Switzerland
- GD Guy Dumarchi, Villeneuve-St. Georges, France
- Afr Alexis Fries, Wetzikon, Switzerland
- RG Robert Germann, Wald, Switzerland
- JL Jean-François Le Borgne, Brest, France
- RL Rolande Leydon, Embrun, France
- KL Kurt Locher, Grüt, Switzerland
- AM Alain Marot, Quimper, France
- NM Nicolas Mauron, St. Rémy-de-Provence, France
- HP Hermann Peter, Stelfingen, Switzerland
- PR Philippe Ralincourt, Nantes, France
- JR Joseph Remis, St. Avoird, France
- RR Raymond Rolland, Rennes, France
- CR Claudio Romoli, Altopascio, Italy
- AR Alain Royer, Epinac, France
- WS Werner Sieber, Hinwil, Switzerland
- PS Peter Steimer, Russikon, Switzerland

The O-C values refer to the linear elements of the GCVS 1969, disregarding improved elements in the 1971 and 1974 supplements to the GCVS. Reductions were made using the tracing paper method.

current no.	star	minimum or-der	JD hel 244...	O-C	observer	current no.	star	minimum or-der	JD hel 244...	O-C	observer
8266	RT And	I	2596.595	-0.019	9 RG	8285			2623.561	*	8 KL
8267		I	2622.383	-0.018	12 RG	8286			2624.567	*	9 KL
8268		I	2627.422	-0.010	12 RG	8287			2627.600	*	5 KL
8269	UU And	I	2607.498	+0.097	8 RD	8288			2638.518	*	6 KL
8270	XZ And	I	2638.415	-0.011	7 KL	8289			2652.448	*	5 KL
8271	AB And	II	2596.583	+0.025	7 RG	8290			2653.470	*	6 KL
8272		I	2597.415	+0.027	7 RG	8291			2656.491	*	5 KL
8273		II	2619.467	+0.009	9 RG	8292	S 1076 And	I	2629.571	**	9 KL
8274		II	2622.460	+0.014	10 RG	8293	RY Aqr	I	2584.538	-0.069	5 KL
8275		II	2625.461	+0.030	9 RG	8294	BX Aqr	I	2607.548	-0.022	6 RD
8276		II	2627.450	+0.026	9 RG	8295	CQ Aqr	I	2629.572	+0.039	8 KL
8277		II	2628.446	+0.026	6 RG	8296	CR Aqr	I	2629.403	+0.178	11 KL
8278		II	2631.430	+0.023	9 RG	8297		I	2630.434	+0.180	7 KL
8279		II	2633.417	+0.018	7 RD	8298		I	2631.470	+0.187	7 KL
8280		II	2633.422	+0.024	10 RG	8299		I	2632.498	+0.186	7 KL
8281		II	2645.371	+0.025	9 HP	8300		I	2633.498	+0.158	7 KL
8282		II	2652.352	+0.036	8 RG	8301	CX Aqr	I	2570.519	+0.013	6 KL
8283	EP And		2621.550	*	13 KL	8302		I	2624.458	+0.022	6 KL
8284			2622.539	*	6 KL	8303	DD Aqr	I	2633.437	+0.029	7 RD

* cf. page 6 of this issue

** not contained in the GCVS, O-C according to Meinunger's elements, Mitteilungsblatt der BBSAG (1975), no. 1, p. 7: +0.011

cur- rent no.	star	minimum or- der	JD hel 244...	O - C	n	ob- ser- ver	cur- rent no.	star	minimum or- der	JD hel 244...	O - C	n	ob- ser- ver
8304	DX Aqr	I	2621.527	+0.025	6	KL	8364		I	2589.544	+0.009	5	KL
8305	EE Aqr	I	2596.526	+0.010	5	KL	8365		I	2595.515	+0.004	13	RR
8306		I	2621.478	+0.021	5	KL	8366		I	2601.485	-0.003	14	HP
8307		I	2624.525	+0.013	6	KL	8367		I	2601.490	+0.002	15	NM
8308	KP Aql	I	2600.502	+0.044	10	HP	8368		I	2601.490	+0.002	22	JL
8309	OD Aql	II	2569.469	-0.033	10	HP	8369		I	2601.492	+0.005	22	AM
8310		II	2572.517	-0.025	8	KL	8370		I	2601.494	+0.006	16	JR
8311		II	2577.573	-0.037	8	KL	8371		I	2607.459	-0.004	8	RG
8312		II	2578.588	-0.035	5	KL	8372		I	2607.464	+0.001	10	HP
8313		I	2589.488	-0.031	8	KL	8373		I	2607.468	+0.004	17	JR
8314		I	2596.562	-0.053	7	RG	8374		I	2607.468	+0.005	16	AM
8315		II	2604.443	-0.027	4	KL	8375		I	2607.469	+0.006	14	NM
8316		II	2606.460	-0.037	8	RG	8376		I	2607.477	+0.013	13	RL
8317		II	2606.465	-0.033	8	RD	8377		I	2613.440	0.000	15	AC
8318		II	2607.453	-0.058	7	RG	8378		I	2613.440	+0.001	17	AM
8319		II	2607.485	-0.026	9	HP	8379		I	2613.441	+0.001	25	JL
8320		I	2620.401	-0.033	9	RD	8380		I	2613.442	+0.003	13	RL
8321		I	2621.399	-0.049	7	RD	8381		I	2613.443	+0.003	16	JR
8322		I	2625.465	-0.037	10	RG	8382		I	2613.443	+0.003	14	FD
8323		I	2652.332	-0.030	7	RG	8383		I	2613.443	+0.003	13	NM
8324	V 337 Aql	I	2606.403	-0.040	7	RD	8384		I	2613.450	+0.010	12	TB
8325	V 342 Aql	I	2570.475	-0.026	10	HP	8385		I	2619.415	-0.001	19	RG
8326	V 343 Aql	I	2604.435	0.000	9	HP	8386		I	2619.417	+0.001	14	HP
8327		I	2628.414	0.000	6	KL	8387		I	2620.607	-0.004	8	KL
8328	V 346 Aql	I	2596.588	-0.006	7	RG	8388		I	2625.390	-0.002	8	AR
8329	V 803 Aql	I	2568.560	-0.042	6	KL	8389		I	2625.398	+0.006	8	PR
8330		I	2572.518	-0.036	10	KL	8390		I	2631.373	+0.008	8	RG
8331		I	2576.472	-0.033	6	KL	8391		I	2632.563	0.000	25	JR
8332		I	2596.494	-0.031	8	KL	8392		I	2632.564	0.000	24	GD
8333		I	2597.526	-0.051	4	KL	8393		I	2632.566	+0.003	21	PR
8334	RS Ari	I	2621.513	-0.040	9	KL	8394		I	2632.569	+0.005	28	CR
8335	TU Boo	II	2571.420	+0.007	7	RD	8395		I	2632.572	+0.008	21	AR
8336		II	2606.432	-0.003	8	RD	8396		I	2638.544	+0.004	13	PR
8337	TZ Boo	I	2572.456	+0.001	9	HP	8397		I	2638.548	+0.008	5	JR
8338	UW Boo	I	2569.485	+0.009	11	HP	8398		I	2638.549	+0.009	8	AR
8339	VW Boo	I	2620.362	-0.046	6	RD	8399		I	2638.551	+0.011	18	CR
8340		I	2621.373	-0.062	6	RD	8400		I	2650.496	+0.003	16	AM
8341	YY Boo	I	2628.419	-0.061	8	RD	8401	TV Cas	I	2619.478	-0.012	9	JR
8342	AC Boo	II	2568.455	-0.008	6	RD	8402		I	2619.478	-0.012	12	JL
8343		I	2571.425	-0.033	7	RD	8403	ZZ Cas	I	2628.408	+0.005	8	RD
8344		II	2616.383	-0.011	9	RD	8404		I	2633.366	-0.011	6	RD
8345	AR Boo	I	2575.486	+0.060	6	KL	8405	AB Cas	I	2606.483	+0.007	11	HP
8346		II	2576.519	+0.055	4	KL	8406	BM Cas	II	2625.2	-15.1	10	RD
8347	Y Cam	I	2578.483	+0.091	12	HP	8407	IR Cas	I	2623.394	-0.076	7	RD
8348	SV Cam	I	2590.482	+0.010	5	JL	8408	MN Cas	I	2628.392	-0.001	8	RD
8349		I	2606.463	-0.021	8	RD	8409		II	2629.364	+0.013	5	RD
8350		I	2622.486	-0.011	10	KL	8410	OX Cas	I	2616.379	-0.037	9	RD
8351		I	2628.410	-0.018	7	RD	8411		I	2621.371	-0.023	6	RD
8352		I	2645.617	-0.010	9	KL	8412	PV Cas	*II	2633.398	-0.043	9	RD
8353	TY Cap	I	2568.585	-0.096	6	KL	8413	V 375 Cas	II	2621.378	+0.010	6	RD
8354		I	2628.387	-0.079	8	KL	8414	U Cep	I	2589.539	+0.034	8	KL
8355		I	2638.353	-0.077	6	KL	8415		I	2604.476	+0.013	9	NM
8356	WZ Cap	II	2629.484	+0.045	7	KL	8416		I	2604.496	+0.033	8	KL
8357		I	2630.450	+0.073	7	KL	8417		I	2614.476	+0.040	16	NM
8358	RZ Cas	I	2570.415	+0.004	11	HP	8418		I	2619.448	+0.027	11	RG
8359		I	2570.416	+0.006	8	AR	8419		I	2619.457	+0.036	12	NM
8360		I	2570.425	+0.013	10	KL	8420		I	2624.447	+0.040	17	KL
8361		I	2577.577	-0.005	6	KL	8421		I	2624.447	+0.040	11	NM
8362		I	2583.564	+0.005	14	AM	8422		I	2629.428	+0.035	11	KL
8363		I	2583.565	+0.007	19	JL	8423		I	2634.407	+0.027	10	KL

current no.	star	minimum or-der	JD hel 244...	O - C	n	ob-ser-ver	current no.	star	minimum or-der	JD hel 244...	O - C	n	ob-ser-ver
8424	SU Cep	I	2617.386	-0.003	8	RD	8473	ZZ Cyg	I	2569.495	-0.033	8	HP
8425	VW Cep	I	2604.415	-0.087	9	KL	8474		I	2584.588	-0.026	5	KL
8426	EG Cep	I	2578.588	+0.014	11	KL	8475		I	2608.467	-0.034	8	HP
8427		I	2584.584	+0.019	6	KL	8476	DK Cyg	II	2606.452	-0.016	8	RD
8428		I	2589.461	-0.006	12	RG	8477	KR Cyg	I	2570.520	-0.015	10	HP
8429		I	2589.479	+0.011	7	KL	8478		I	2576.448	-0.003	10	HP
8430		I	2601.427	-0.022	8	RG	8479	KV Cyg	I	2621.461	+0.014	9	RD
8431		I	2656.470	+0.015	6	KL	8480	V 370 Cyg	I	2620.424	+0.032	12	RD
8432	GS Cep	I	2623.354	-0.051	6	RD	8481	V 382 Cyg	I	2616.360	-0.091	6	RD
8433		I	2633.372	-0.069	6	RD	8482	V 401 Cyg	II	2570.450	+0.029	7	RD
8434	GW Cep	I	2623.393	-0.066	8	RD	8483		I	2621.413	+0.005	8	RD
8435		II	2633.422	-0.081	8	RD	8484	V 456 Cyg	I	2607.585	-0.020	5	RD
8436	IO Cep	I	2621.464	+0.021	9	RD	8485		I	2608.501	+0.006	10	HP
8437	TW Cet	I	2634.616	-0.024	9	KL	8486		I	2617.415	+0.007	13	HP
8438	VY Cet	I	2627.605	*	6	KL	8487		I	2617.420	+0.012	9	RD
8439		I	2628.630	*	11	KL	8488		I	2633.475	+0.025	9	RD
8440		II	2632.552	*	6	KL	8489	V 477 Cyg	I	2597.392	+0.026	8	RG
8441		II	2633.566	*	15	KL	8490		I	2604.422	+0.015	11	RG
8442		II	2634.590	*	12	KL	8491	V 548 Cyg	I	2575.463	-0.033	9	HP
8443	AA Cet	II	2620.629	**	9	KL	8492		I	2631.391	-0.069	7	RG
8444		II	2627.603	**	9	KL	8493	V 687 Cyg	I	2608.508	-0.001	11	HP
8445	RW Com	I	2568.418	-0.047	7	RD	8494	V 700 Cyg	II	2633.375	-0.055	6	RD
8446		II	2570.443	-0.040	6	KL	8495	V 836 Cyg	I	2570.450	-0.014	6	RD
8447		II	2571.386	-0.047	7	RG	8496		I	2606.392	-0.011	6	RD
8448		I	2572.456	-0.044	9	HP	8497		I	2623.392	+0.001	7	RD
8449	RZ Com	II	2568.390	0.000	6	RD	8498	V 1068 Cyg	I	2629.407	-0.036	7	RD
8450		II	2571.420	-0.017	8	RD	8499	V 1073 Cyg	II	2616.397	-0.022	9	RD
8451	SS Com	I	2568.450	-0.007	8	RD	8500	V 1425 Cyg	I	2616.387	-0.029	7	RD
8452		I	2606.436	+0.003	8	RD	8501	TY Del	I	2604.488	+0.004	11	HP
8453	CC Com	II	2569.456	+0.089	9	HP	8502	YY Del	I	2572.482	+0.017	9	HP
8454		II	2571.443	+0.089	5	KL	8503		I	2576.444	+0.013	7	HP
8455	U CrB	I	2570.416	-0.034	7	RD	8504	DM Del		2570.497	****	5	RD
8456		I	2570.420	-0.031	10	KL	8505			2606.412	****	7	RD
8457	RW CrB	I	2571.394	-0.004	6	RD	8506			2607.586	****	8	RD
8458	TW CrB	II	2568.432	***	7	RD	8507			2616.430	****	7	RD
8459		I	2570.486	***	8	RD	8508			2617.375	****	8	RD
8460		I	2606.410	***	7	RD	8509			2620.385	****	8	RD
8461		I	2616.412	***	9	RD	8510			2621.378	****	6	RD
8462		II	2621.434	***	6	KL	8511			2623.378	****	9	RD
8463	W Crv	I	2570.399	-0.008	9	HP	8512			2629.372	****	6	RD
8464		I	2570.401	-0.006	10	KL	8513			2633.374	****	6	RD
8465	Y Cyg	II	2606.397	+0.051	8	RD	8514	FZ Del	I	2566.564	+0.002	8	KL
8466		II	2633.			RD	8515		I	2606.500	-0.006	8	RD
8467	UW Cyg	I	2575.434	-0.019	11	HP	8516		I	2606.505	-0.001	7	HP
8468		I	2606.490	-0.019	9	RD	8517		I	2621.391	+0.003	6	RD
8469		I	2606.491	-0.018	10	HP	8518	Z Dra	I	2606.536	-0.002	10	HP
8470	WW Cyg	I	2597.464	+0.015	12	HP	8519	RR Dra	I	2569.420	+0.114	11	HP
8471		I	2597.464	+0.015	8	KL	8520	RZ Dra	I	2573.408	-0.016	7	KL
8472		I	2607.419	+0.017	11	HP	8521		I	2589.380	-0.019	7	RG

* GCVS 1969 period erroneous, O-C according to the GCVS 1974 (cf. BBSAG Bull 20, page 2): -0.160 -0.158 -0.156 -0.165 -0.163

** not contained in the GCVS 1969, O-C according to the GCVS 1974: -0.019:

*** not contained in the GCVS, O-C according to the elements of Цесевич and Каретников, Переменные Звёзды Приложение 1, № 6, p.459: -0.001 -0.008 -0.005 -0.014 +0.003

**** GCVS period probably erroneous

current no.	star	minimum or- der	JD hel 244...	O - C	n	ob- ser- ver	cur- rent no.	star	minimum or- der	JD hel 244...	O - C	n	ob- ser- ver
8522		I	2600.398	-0.019	8	RG	8578		II	2606.472	-0.088	6	RG
8523		I	2606.465	-0.012	10	RG	8579		II	2607.441	-0.082	7	RG
8524		I	2607.561	-0.017	8	RD	8580		II	2607.450	-0.073	9	HP
8525		I	2616.374	-0.018	9	RD	8581		I	2609.529	-0.078	12	KL
8526		I	2617.476	-0.018	13	HP	8582		I	2611.459	-0.073	10	KL
8527		I	2633.449	-0.020	7	RD	8583		I	2612.418	-0.076	10	KL
8528		I	2633.458	-0.012	10	RG	8584		I	2617.391	-0.053	7	RD
8529		I	2638.413	-0.014	11	HP	8585		I	2619.466	-0.084	8	RG
8530	TW Dra	I	2578.485	-0.037	11	HP	8586		II	2625.395	-0.088	6	RG
8531		I	2623.387	-0.044	8	RD	8587		I	2628.449	-0.081	7	RG
8532	UZ Dra	II	2589.432	-0.006	11	KL	8588		II	2633.415	-0.087	10	RG
8533		I	2620.424	+0.002	11	RD	8589		II	2633.434	-0.067	7	RD
8534	WW Dra	I	2617.379	-0.065	9	RD	8590		I	2635.511	-0.075	4	KL
8535	AI Dra	I	2603.512	+0.009	7	NM	8591		I	2638.398	-0.075	8	HP
8536		I	2621.482	-0.003	9	KL	8592		II	2652.335	-0.089	7	RG
8537		I	2627.476	-0.003	6	KL	8593	TW Lac	I	2630.454	-0.065	8	KL
8538		I	2633.458	-0.014	7	RD	8594	VX Lac	I	2575.456	-0.055	4	KL
8539		I	2633.474	+0.001	11	RG	8595		I	2575.459	-0.051	9	HP
8540	WX Eri	I	2620.592	+0.013	7	KL	8596		I	2604.465	-0.057	7	HP
8541		I	2634.581	+0.007	6	KL	8597		I	2633.475	-0.050	8	RD
8542	YY Eri	II	2645.604	-0.011	11	KL	8598	VY Lac	I	2607.514	+0.071	6	RD
8543	RX Her	I	2575.483	-0.006	9	HP	8599		I	2633.408	+0.060	7	RD
8544		I	2600.397	+0.008	7	RG	8600	CM Lac	I	2601.451	-0.001	10	HP
8545		II	2608.393	+0.001	9	HP	8601		I	2617.496	-0.003	13	HP
8546	SZ Her	I	2569.506	+0.027	8	HP	8602	Y Leo	I	2568.393	+0.088	6	RD
8547		I	2578.507	+0.028	12	HP	8603	UV Leo	II	2568.403	-0.012	7	RD
8548		I	2601.407	+0.022	8	RG	8604		II	2571.404	-0.012	8	RG
8549		I	2601.414	+0.029	10	HP	8605	XZ Leo	II	2568.371	+0.005	6	RD
8550		I	2619.412	+0.029	12	HP	8606	AS Lib	I	2572.495	-0.022	8	KL
8551		I	2628.413	+0.031	8	RD	8607	SX Lyn	I	2652.444	-0.282	7	KL
8552		I	2628.417	+0.035	9	RG	8608	UV Lyn	I	2568.437	*	9	RD
8553	TU Her	I	2626.480	-0.072	4	KL	8609	TZ Lyr	I	2575.497	+0.020	12	HP
8554	TX Her	II	2594.462	+0.002	8	RR	8610		I	2601.391	+0.001	10	RG
8555		I	2595.489	-0.002	12	RR	8611		I	2601.416	+0.026	9	HP
8556		II	2596.524	+0.004	12	RR	8612		I	2619.400	+0.031	13	HP
8557		II	2629.499	+0.022	12	CR	8613		I	2638.429	+0.022	12	HP
8558		I	2630.532	+0.025	6	CR	8614		I	2656.407	+0.020	9	KL
8559	UX Her	I	2576.465	-0.051	12	HP	8615	EW Lyr	I	2627.475	+0.048	12	KL
8560		I	2596.580	-0.071	7	RG	8616		I	2629.419	+0.043	7	RD
8561		I	2607.445	-0.048	9	RG	8617		I	2629.427	+0.051	6	KL
8562		I	2621.383	-0.050	8	RD	8618	FL Lyr	I	2586.569	-0.005	13	JL
8563		I	2621.391	-0.042	6	KL	8619		I	2621.424	-0.001	11	RD
8564		I	2638.423	-0.047	14	HP	8620		I	2645.382	-0.002	9	HP
8565	BC Her	I	2633.414	-0.192	8	RD	8621	PY Lyr	I	2571.483	-0.071	7	KL
8566	BQ Her	I	2624.413	+0.030	7	KL	8622	U Oph	II	2570.470	+0.007	10	HP
8567	CC Her	I	2607.484	+0.058	15	HP	8623		I	2596.486	+0.023	12	PR
8568	DH Her	I	2633.440	-0.038	10	KL	8624		I	2601.483	-0.012	11	HP
8569	FN Her	I	2621.395	-0.020	9	RD	8625		I	2606.518	-0.009	9	NM
8570	GL Her	I	2597.486	+0.067	14	HP	8626		I	2606.527	0.000	9	AR
8571		I	2597.496	+0.077	8	KL	8627		I	2606.538	+0.012	8	HP
8572		I	2604.525	+0.071	11	HP	8628		II	2617.405	-0.024	9	RD
8573	MT Her	I	2606.416	+0.024	8	RD	8629		II	2617.420	-0.010	11	HP
8574	u Her	I	2623.414	+0.011	8	AR	8630		II	2622.453	-0.008	10	RG
8575		I	2627.503	-0.002	16	JR	8631		I	2633.360	-0.005	7	RD
8576	SW Lac	II	2587.563	-0.074	11	KL	8632		I	2633.369	+0.005	8	RG
8577		I	2604.396	-0.080	7	RG	8633		I	2638.393	-0.003	8	HP

* GCVS period erroneous, O-C according to Bossen's elements As Ap Suppl 10
(1973) p.217: +0.027:

cur- rent no.	star	minimum or- JD hel der 244...	O - C	n ser- ver	ob- server	cur- rent no.	star	minimum or- JD hel der 244...	O - C	n ser- ver	ob- server
8634		I 2643.414	-0.015	9	GD	8687	II 2604.398	-0.050	10	RG	
8635	RV Oph	I 2569.412	-0.005	4	WS	8688	I 2607.377	-0.047	7	RG	
8636		I 2569.414	-0.004	4	PS	8689	I 2652.332	-0.071	8	RG	
8637		I 2569.416	-0.002	5	KL	8690	BB Peg	I 2607.523	-0.011	8	RD
8638		I 2569.417	0.000	4	AFr	8691	BY Peg	I 2571.524	+0.069	6	KL
8639		I 2628.408	-0.004	10	KL	8692		I 2572.550	+0.069	6	KL
8640		I 2628.414	+0.002	15	RG	8693	II 2576.483	+0.070	4	KL	
8641	V 449 Oph	I 2570.516	+0.055	10	HP	8694	I 2596.480	+0.063	7	KL	
8642		I 2570.517	+0.056	8	KL	8695	I 2597.502	+0.061	4	KL	
8643		I 2575.488	+0.055	6	KL	8696	II 2638.362	+0.059	6	KL	
8644		I 2626.448	+0.049	7	KL	8697	DO Peg	I 2652.502	+0.131	5	KL
8645		I 2631.428	+0.056	11	KL	8698	DK Per	I 2624.507	+0.076	7	KL
8646	V 451 Oph	I 2633.375	+0.007	7	RD	8699		I 2641.586	+0.076	6	KL
8647	V 501 Oph	I 2596.502	+0.010	6	KL	8700		I 2652.374	+0.078	6	KL
8648		I 2597.454	-0.006	12	HP	8701	KW Per	I 2632.506	+0.050	7	KL
8649		I 2597.475	+0.014	5	KL	8702		I 2645.533	+0.039	10	KL
8650		I 2629.400	-0.002	6	RD	8703	β Per	I 2636.541	-0.102	10	AR
8651	V 502 Oph	II 2570.450	-0.042	11	JR	8704		I 2636.559	-0.084	23	JR
8652		II 2580.424	-0.042	9	JR	8705		I 2636.568	-0.076	12	PR
8653		I 2596.527	-0.034	11	JR	8706	Y Psc	I 2607.532	+0.129	8	RD
8654		II 2633.458	-0.056	7	RD	8707		I 2641.436	+0.142	11	KL
8655	V 506 Oph	II 2606.463	+0.060	9	RD	8708		I 2656.500	+0.143	8	KL
8656		II 2607.531	+0.068	8	RD	8709	RW PsA	II 2609.451	-0.054	5	KL
8657	V 508 Oph	I 2571.421	+0.007	9	RG	8710		II 2630.534	-0.052	8	KL
8658		I 2571.426	+0.011	8	HP	8711		I 2632.512	-0.057	6	KL
8659		II 2578.491	+0.009	8	HP	8713	UZ Sge	I 2606.606	+0.059	13	HP
8660		II 2597.454	+0.008	10	HP	8714	CU Sge	I 2633.473	+0.041	10	RD
8661		I 2601.427	+0.016	8	RG	8715	V 505 Sgr	I 2572.543	-0.033	8	KL
8662		II 2606.422	+0.011	7	RD	8716		I 2604.465	-0.048	13	RG
8663		II 2617.453	+0.009	8	HP	8717		I 2604.481	-0.032	11	HP
8664		I 2620.388	+0.013	7	RD	8718		I 2617.490	-0.035	14	HP
8665		II 2645.382	+0.009	9	HP	8719	V 718 Sco	2630.1	**	13	RD
8666	V 566 Oph	I 2565.432	+0.012	11	JR	8720	U Sct	I 2606.436	+0.015	8	RD
8667		I 2567.480	+0.012	19	JR	8721		I 2606.440	+0.019	6	HP
8668		II 2595.549	+0.021	9	RR	8722		I 2628.415	+0.030	7	RD
8669		I 2596.557	+0.002	11	JR	8723		I 2629.367	+0.026	5	RD
8670		I 2608.460	+0.028	12	NM	8724	RS Sct	I 2622.482	+0.023	7	KL
8671		II 2609.474	+0.018	13	NM	8725		I 2624.469	+0.018	6	KL
8672		I 2610.501	+0.021	15	NM	8726		I 2628.455	+0.019	9	RG
8673		II 2620.530	+0.014	10	JR	8727		I 2628.469	+0.032	6	KL
8674		II 2620.535	+0.019	10	JL	8728		I 2638.422	+0.022	6	KL
8675	V 735 Oph	I 2577.566	-0.190	5	KL	8729	AC Sct	I 2629.495	+0.108	9	KL
8676		I 2606.416	-0.187	10	RD	8730	BS Sct	I 2628.443	+0.031	6	KL
8677		I 2622.456	-0.173	7	KL	8731	AK Ser	I 2606.412	-0.011	7	RD
8678	V 839 Oph	II 2620.383	+0.011	9	RD	8732		I 2629.477	-0.016	7	KL
8679		I 2621.396	+0.002	8	RD	8733		I 2631.400	-0.016	9	KL
8680		II 2633.471	+0.011	7	RD	8734	AO Ser	I 2617.405	-0.003	12	HP
8681	V 1110 Oph	I 2595.458	-0.061	7	RR	8735	AU Ser	I 2570.435	*	6	RD
8682		I 2597.417	-0.086	11	RG	8736		I 2571.398	*	8	RD
8683		I 2597.452	-0.052	12	HP	8737		I 2623.386	*	8	RD
8684		II 2600.408	-0.071	9	RG	8738		I 2629.375	*	5	RD
8685		I 2601.391	-0.081	8	RG	8739	V Tri	I 2638.507	+0.018	6	KL
8686		I 2601.408	-0.054	11	HP	8740	X Tri	I 2576.558	-0.035	10	KL
						8741		I 2609.584	-0.041	15	KL

* GCVS 1969 period too inaccurate, O-C according to the elements of the GCVS 1974: -0.005 -0.008 -0.005 -0.006

** cf. page 7 of this issue

current no.	star	minimum or-der	JD hel 244...	0 - C	ob- n ser- ver	current no.	star	minimum or-der	JD hel 244...	0 - C	ob- n ser- ver
8742		I	2645.544	-0.028	7 KL	8768	BH UMa	I	2570.427	-0.003	5 RD
8743	W UMa	I	2535.463	-0.097	10 RR	8769	RU UMi	I	2589.496	-0.010	10 KL
8744		I	2546.475	-0.096	10 RR	8770		I	2629.393	-0.008	6 RD
8745		I	2547.472	-0.100	12 RR	8771	VV Vir	I	2570.456	-0.039	8 KL
8746		I	2550.494	-0.080	6 AR	8772	AG Vir	II	2568.441	+0.036	8 RD
8747		I	2551.470	-0.106	12 RR	8773	AH Vir	I	2568.435	+0.020	6 RD
8748		I	2564.479	-0.109	15 RR	8774	AK Vir	I	2570.442	+0.041	6 KL
8749		I	2566.486	-0.104	16 RR	8775		I	2576.408	+0.039	13 HP
8750		I	2567.487	-0.103	16 RR	8776		I	2576.408	+0.039	10 KL
8751		I	2569.488	-0.104	16 RR	8777	AZ Vir		2568.426	*	9 RD
8752		I	2571.484	-0.111	12 RR	8778			2571.417	*	10 RG
8753		I	2572.487	-0.108	13 RR	8779	BH Vir	I	2571.385	-0.005	9 HP
8754		I	2574.488	-0.109	13 RR	8780		I	2571.415	+0.025	6 AR
8755		I	2576.499	-0.100	15 RR	8781	Z Vul	I	2569.418	+0.012	11 HP
8756		I	2606.526	-0.101	7 AR	8782		I	2597.422	+0.012	9 HP
8757	TY UMa	I	2568.409	+0.001	9 RD	8783		I	2623.426	+0.012	8 AR
8758	VV UMa	I	2578.468	+0.062	11 HP	8784	XZ Vul	I	2620.433	+0.194	11 RD
8759	UX UMa	I	2570.464	0.000	5 KL	8785	AX Vul	I	2656.448	+0.005	7 KL
8760		I	2571.450	+0.002	6 KL	8786	BO Vul	I	2601.496	-0.062	17 HP
8761		I	2572.433	+0.002	5 KL	8787		I	2634.563	-0.074	12 KL
8762		I	2596.427	+0.002	6 KL	8788		I	2638.466	-0.063	8 KL
8763		I	2622.389	+0.003	7 KL	8789	BS Vul	I	2621.390	-0.015	8 RD
8764	XZ UMa	I	2572.374	-0.074	11 KL	8790	BU Vul	I	2571.560	-0.002	6 KL
8765		I	2572.379	-0.070	10 HP	8791		I	2607.413	+0.004	10 HP
8766	AC UMa	I	2576.442	+0.263	13 KL	8792	CD Vul	I	2577.557	-0.022	7 KL
8767		I	2624.422	+0.260	20 KL						

* strictly unprejudiced observations (and therefore not reduced) because of the controversy about its period (see Busch, Mitteilungen Hartha 7 (1974) p.6)

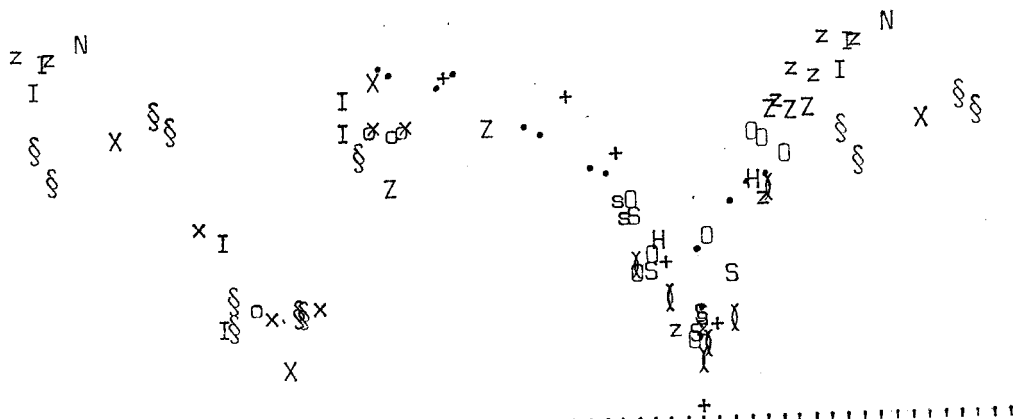
A R e i n t e r p r e t a t i o n o f E P A n d r o m e d a e

Consulting reference no.4022 of the GCVS, I found the basis for the GCVS elements rather poor, and therefore tried to remove the severe discordances with respect to my observations by a new interpretation: It turned out that the GCVS period must, after a correction of +0.0006, be divided by 5/2. Figure 25 shows my visual observations from the past few weeks plotted against phase with respect to a new period of 0.404.

fig. 25

comparison
magnitude ----
8' southeast

comparison
magnitude ----
4' south-
southeast



survey intervals denoted by symbols in fig.25:

• JD 2442621.39...58	H JD 2442628.40...45	Y JD 2442653.43...50
I 622.43...59	+ 638.39...52	o 656.47...55
0 623.53...61	Z 641.39...61	z 657.49...59
§ 624.45...62	X 645.50...63	N 661.64
S 627.58...63	x 652.41...51	s 662.31...36

The total interval is still too short to determine a 4th digit of the new period. On the other hand the lack of this digit prohibits an unambiguous attribution of E numbers to the minima published in reference 4022 of the GCVS as well as to the former BBSAG minima nos 7552, 7553, 7554, and 7986. K. Locher

A Minimum of V 718 Scorpii

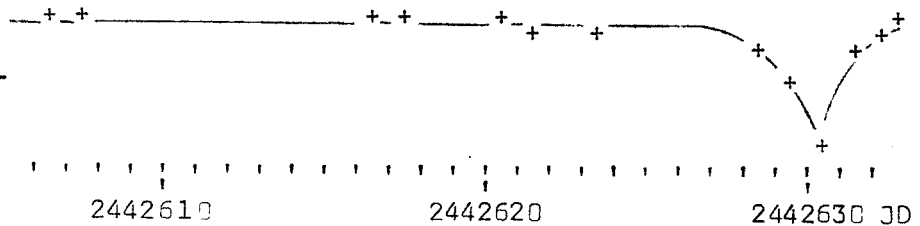
During 1975 July and August I observed the variable V 718 Sco in 13 nights, for which no GCVS issue states an exact period. While in earlier years I could never observe the star undergoing a minimum, this year I was successful in observing a light-minimum as illustrated by figure 26. Its duration was about 4 days with an amplitude of approximately 1^m. If the probable period (GCVS 1969) of about 200 days is correct, the next minimum should take place near JD 2442830.

R. Diethelm

figure 26

comparison magnitude----

comparison magnitude----



E r r a t a

- BBSAG Bull 22, p.3 V 5 0 2 0 p h Both O-C values are miscalculated and should read -0.034 & -0.036
- this Bulletin, p.3 Y C y g The partially blank line no. 8466 should be completed 378 +0.065 8