

1994 April 18

EARLY WARNING CIRCULAR 138  
THE ASTRONOMER

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COMET TAKAMIZAWA-LEVY (1994F)

Kesao Takamizawa and David H. Levy report their discoveries of what appears to be the same comet, as follows:

1994 UT	R.A. (2000)	Decl.	ml	Observer
Apr. 14.756	21 24.0	+ 4 48	12.5	Takamizawa
15.4	21 23.0	+ 5 45	10.5	Levy

K. Takamizawa (Saku-cho, Minami-Saku-gun, Nagano-ken, Japan). Two 4-min photographic films, 0.10-m f/4.0 camera. Comet is diffuse with central condensation and coma diameter about 1'.

Communicated by S. Nakano.

D. H. Levy (Tucson, AZ). Visual observation with 0.41-m reflector. Comet diffuse with slight condensation and a broad, faint, fan-shaped tail. Motion toward northwest at about 0.3 deg/day.

IAUC 5974

Parabolic orbital elements from MPEC 1994-H02:

T = 1994 May 22.602 TT	Peri. = 61.791
	Node = 306.903 2000.0
q = 1.35790 AU	Incl. = 132.993

1994 TT	R. A. (2000)	Decl.	Delta	r	Elong.	Phase	ml
Apr. 14	21 23.37	+ 4 15.2	1.667	1.471	61.0	36.6	9.8
16	21 22.65	+ 5 40.2	1.615	1.460	62.8	37.7	9.7
18	21 21.78	+ 7 10.6	1.562	1.450	64.6	38.7	9.6
20	21 20.73	+ 8 47.1	1.510	1.440	66.4	39.7	9.5
22	21 19.49	+10 30.1	1.458	1.430	68.2	40.7	9.4
24	21 18.02	+12 20.5	1.407	1.422	70.0	41.7	9.3
26	21 16.30	+14 18.7	1.356	1.413	71.7	42.5	9.2
28	21 14.28	+16 25.7	1.307	1.405	73.5	43.4	9.1
30	21 11.93	+18 42.1	1.259	1.398	75.3	44.2	9.0
May 2	21 09.18	+21 08.7	1.212	1.391	77.0	44.9	8.9
4	21 05.96	+23 46.2	1.167	1.385	78.7	45.5	8.8
6	21 02.18	+26 35.2	1.125	1.380	80.4	46.1	8.7
8	20 57.74	+29 36.1	1.084	1.375	82.0	46.6	8.6

IAUC 5975

THE ASTRONOMER 30 YEAR ANNIVERSARY MEETING

This special event to mark our 'survival' for 30 years will be held on Saturday May 28th at St. Mary's Church Hall, Basingstoke. It will start at 11am and finish at around 5.30pm.

Speakers include:

Gareth Williams, Associate Director, Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, USA who will talk on the operation of the MPC.

Jim Muirden : Founder Editor of 'TA' on its development.

Guy Hurst : 'Special Events of the First 30 years of 'TA'.

Melvyn Taylor: A review of variable stars since the 60's.

Graham Keitch: Developments in comet observing during the period.

The cost of attendance at the all day meeting will be £5.00 per person to also include morning coffee and afternoon tea.

In addition an optional three course cooked luncheon will be provided at an additional cost of £6.00 per person.

Please book early by sending remittances, payable to 'The Astronomer', to the Editor at the above address.

Guy M Hurst