

## An RRAB, an RRC and a BL Her Star in the MACHO Scutum Fields

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#	Name	Other	Coord (J2000)	Type	Max	Min	System	Period	Epoch (JD)	type	Sp	Comment	L.Curve	Find.Chart	Data
1		MACHO 302.44926.137	18 30 41.55, -14 17 11.5	RRC	16.35	16.65	R	0.30871	2450198.23	max			<a href="#">302_44926_137.gif</a>		<a href="#">302_44926_137.dat</a>
2		MACHO 301.45612.182	18 31 51.08, -13 19 14.2	RRAB	16.4	17.3	R	0.65835	2451319.05	max			<a href="#">301_45612_182.gif</a>		<a href="#">301_45612_182.dat</a>
3		MACHO 301.45778.108	18 32 08.50, -13 29 42.6	CWB	15.95	16.6	R	3.457	2451345.9	max			<a href="#">301_45778_108.gif</a>		<a href="#">301_45778_108.dat</a>

### Remarks:

Three new pulsating variable stars were found in MACHO data. The fundamental mode RR Lyrae is not included in the large lists of MACHO fundamental mode RR Lyrae variables (e.g. Kunder et al. 2008).

Data is sourced from the online public domain archives of the MACHO Project (Allsman and Axelrod 2001). The coordinates are from the 2MASS Point Source Catalog.

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### References:

Allsman, R.A., Axelrod, T.S., 2001, arXiv:astro-ph/0108444v1  
Kunder, A., Popowski, P., Cook, K.H., Chaboyer, B., 2008, Astron. J., 135, 631