

Results from the Second *EUVE* Source Catalog

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We present the results of the Second *EUVE* Source Catalog, including all detections from the *EUVE* all-sky survey, the *EUVE* deep survey, and sources detected during dedicated instrument pointings. Where available, we furnish identifications of these objects and statistics with regard to type of stellar or extragalactic object.

We summarize the results of the Second *Extreme Ultraviolet Explorer (EUVE)* Source Catalog (Bowyer et al. 1995). The data include (a) all-sky survey detections from the initial six-month scanner survey phase, (b) additional scanner detections made subsequently during specially programmed observations designed to fill in low-exposure sky areas of the initial survey, (c) sources detected with Deep Survey telescope observations along the ecliptic, (d) objects detected by the scanner telescopes during targeted spectroscopy observations, and (e) other observations. The Second Catalog employs an improved all-sky survey source detection method that offers better detection sensitivity and reliability than achieved in the First Catalog. The Second Catalog lists three classes of source detections separately: the all-sky survey detections, the deep survey detections, and sources detected during other phases of the mission. Each list gives positions and intensities in each waveband. The total number of objects listed is 734, of which 67% have plausible identifications.

TABLE 1.

Objects	Number
White Dwarfs	104
Early-type stars (A, B)	24
Late-type stars (FGKM)	273
Cataclysmic variables	14
Low-mass X-ray binaries	2
Extragalactic objects	37
Other	35
No identification	245
TOTAL	734

The full Second Catalog will appear in *The Astrophysical Journal Supplement Series*, and is available via the World Wide Web at <http://www.cea.berkeley.edu>.

This work has been supported by NASA Contracts NAS5-30180 and NAS5-29298.

REFERENCES

- BOWYER, S., LAMPTON, M., LEWIS, J., WU, X., JELINSKY, P., LIEU, R., & MALINA, R. F.
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