

AVAILABLE STELLAR DATA IN GALACTIC POLAR AREAS

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One of the aims of the Strasbourg Stellar Data Centre is to collect and distribute the different stellar data available, so that they can be used for statistical work. As an example of the statistics which can be made, we present in the table some results for the galactic pole areas. The photometric data were obtained from a general file (Magenat 1976) which lists the stars observed photoelectrically and the system in which observations were made. The results show clearly how fragmentary our knowledge still is; completeness exists at most up to  $m = 9$ .

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North Galactic pole area ( $b > 75^\circ$ )

	<6	6-7	7-8	8-9	9-10	10-11	11-12	>12	Total
HD	54	97	227	535	301	56	1	-	1 284
IDS	4	10	8	19	19	34	9	12	117
Var.	2	1	3	3	3	3	4	1	23
UBV	52	60	108	167	259	172	55	40	915
RV	53	76	105	112	62	18	7	3	441
MK	49	72	108	220	369	372	101	91	1 496
ST	28	49	49	59	46	23	12	29	296
AG	49	96	229	625	1 020	871	219	15	3 126
Total	49	96	226	622	1 535	3 950			

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South Galactic pole area ( $ b  > 75^\circ$ )									
	<6	6-7	7-8	8-9	9-10	10-11	11-12	>12	Total
HD	40	95	219	641	957	210	14	1	2 185
IDS	1	10	21	36	66	29	14	17	197
Var.	1	2	-	3	2	-	1	-	23
UBV	39	53	48	100	89	40	7	15	391
RV	36	39	34	50	27	2	1	1	195
MK	31	42	39	63	61	18	3	-	268
ST	15	12	8	24	34	21	1	10	187
AG C	11	30	85	226	517	283	7	-	1 164

Notes: HD = stars classified in the HD system  
 IDS = " contained in the Index Catalog of Double Stars  
 Var. = " listed as Variables in Kukarkin et al.  
 UBV = " measured in the UBV system (Blanco + Mermilliod)  
 RV = " with measured radial velocity (Wilson + Abt)  
 MK = " having MK classifications (La Plata + Kennedy)  
 ST = " measured in Strömngren's system  
 AG,C = " with position and proper motion  
 Total = number of stars to be expected (Allen)

Reference

Magenat, P.: 1976, *Information Bulletin*, CDS Strasbourg, No. 11, p. 17.