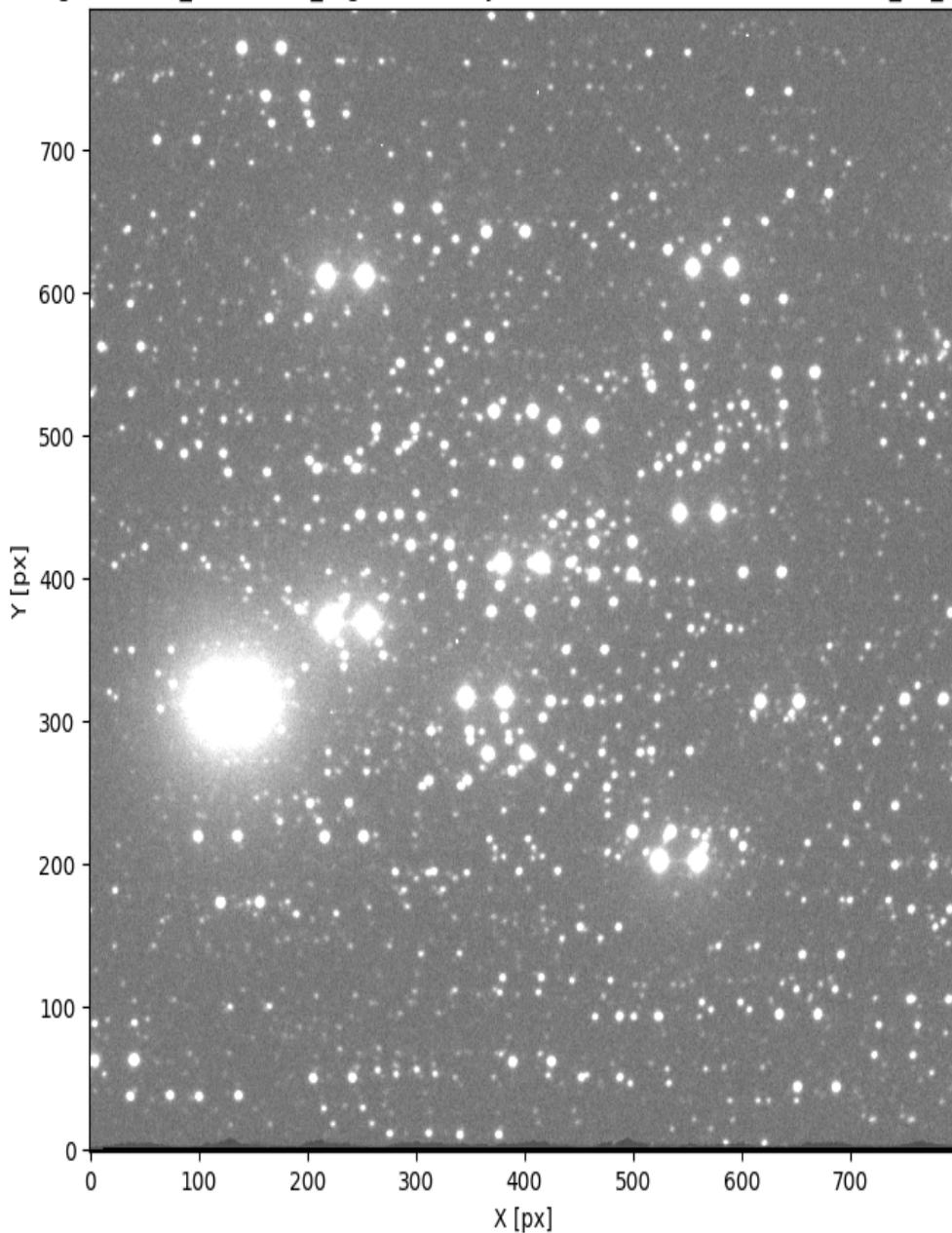
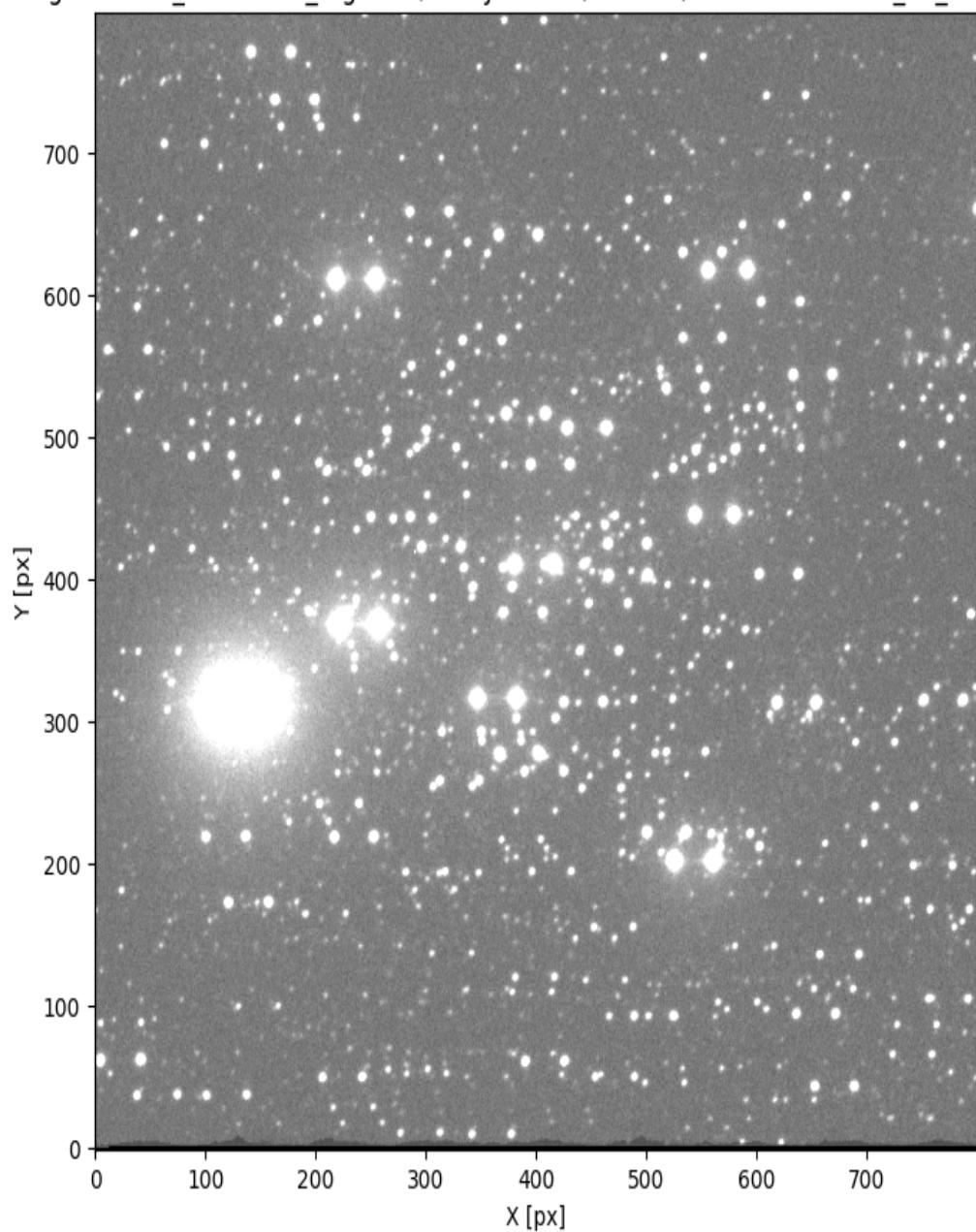


1. Imágenes originales

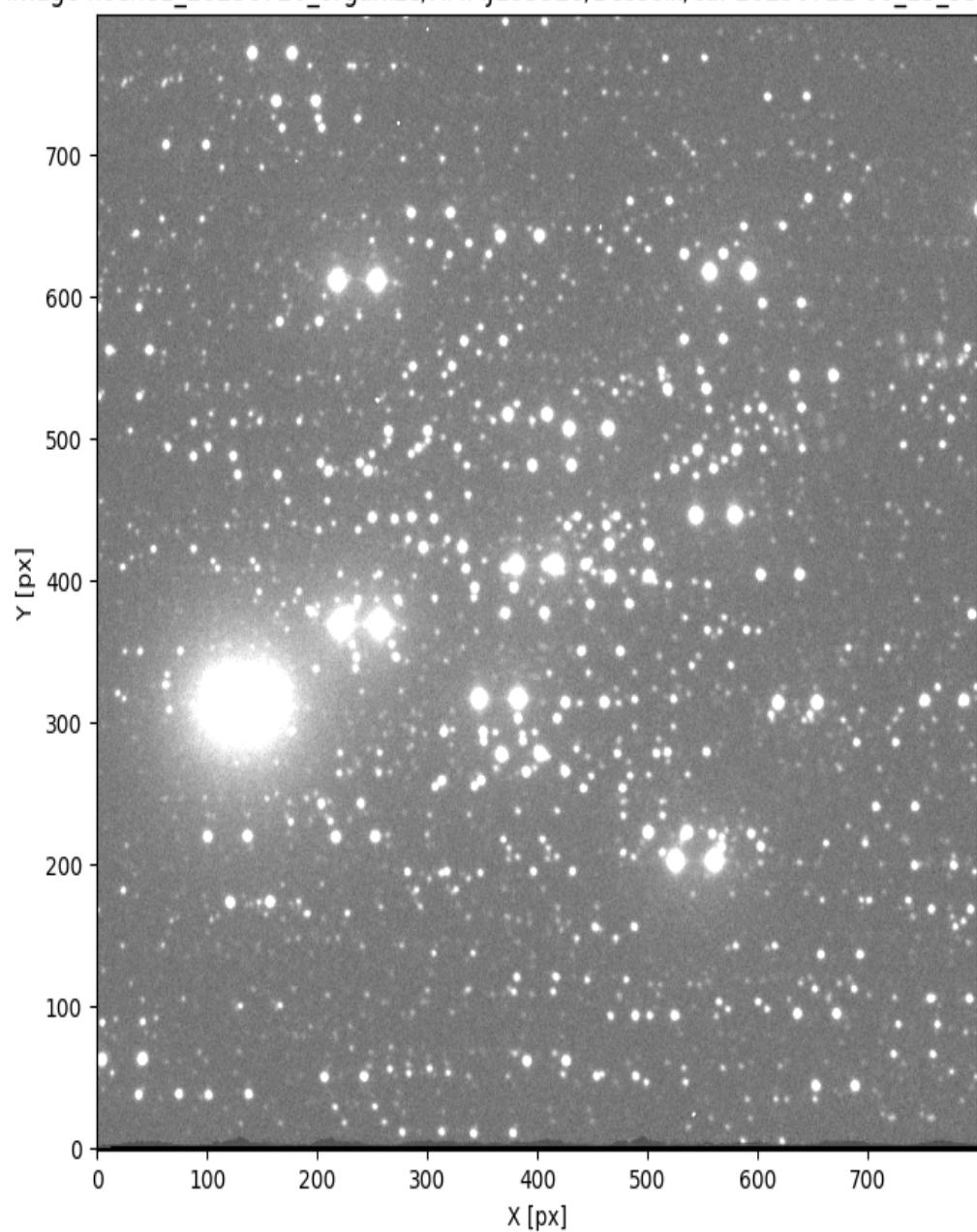
Reference Image noche1_20230720_organize/XMMJ183328/Bessell/caf-20230721-00_24_23-sci-blap_b_f.fits



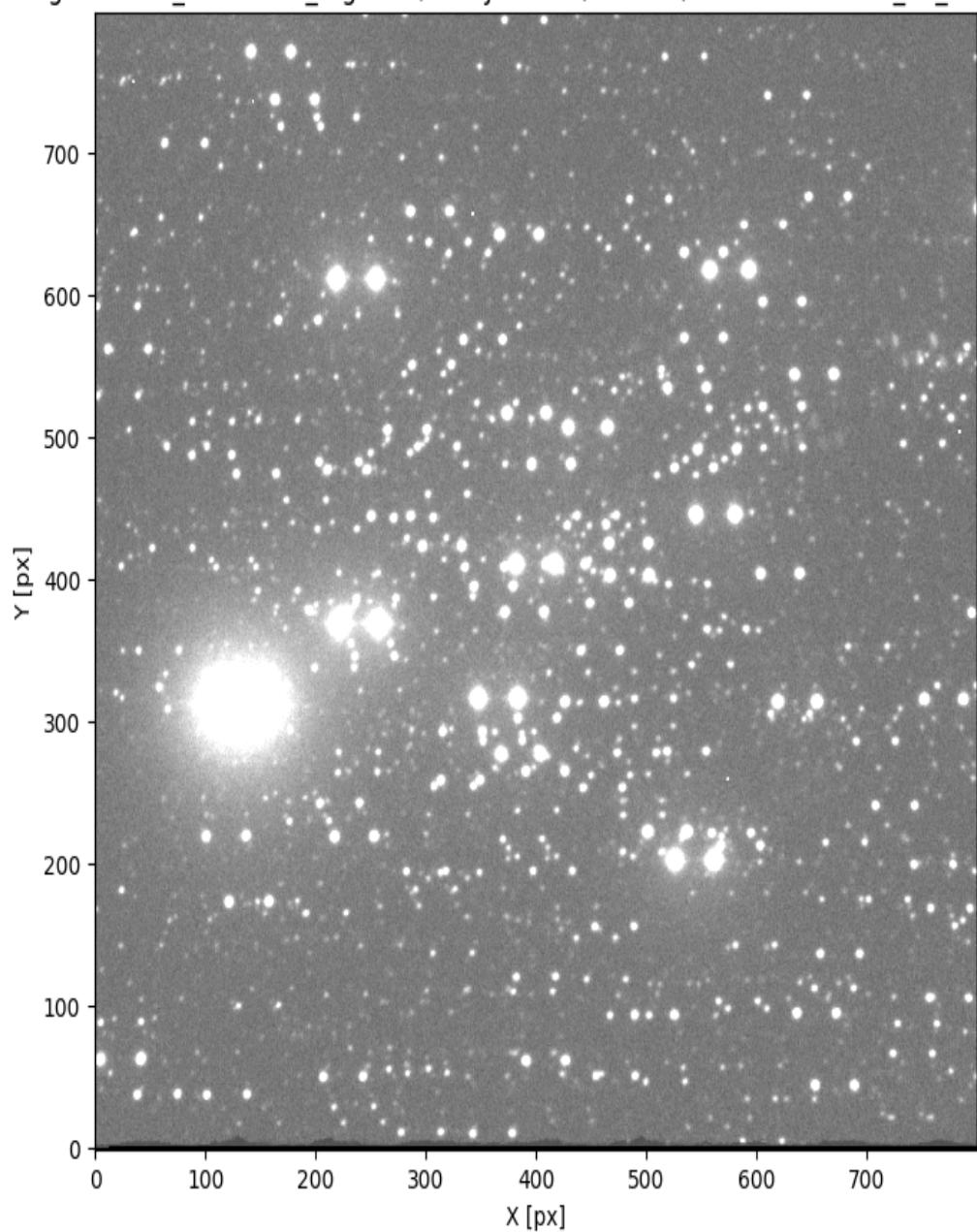
Original Image noche1_20230720_organize/XMMJ183328/Besselll/caf-20230721-00_25_08-sci-blap_b_f.fits



Original Image noche1_20230720_organize/XMMJ183328/Besselll/caf-20230721-00_25_53-sci-blap_b_f.fits

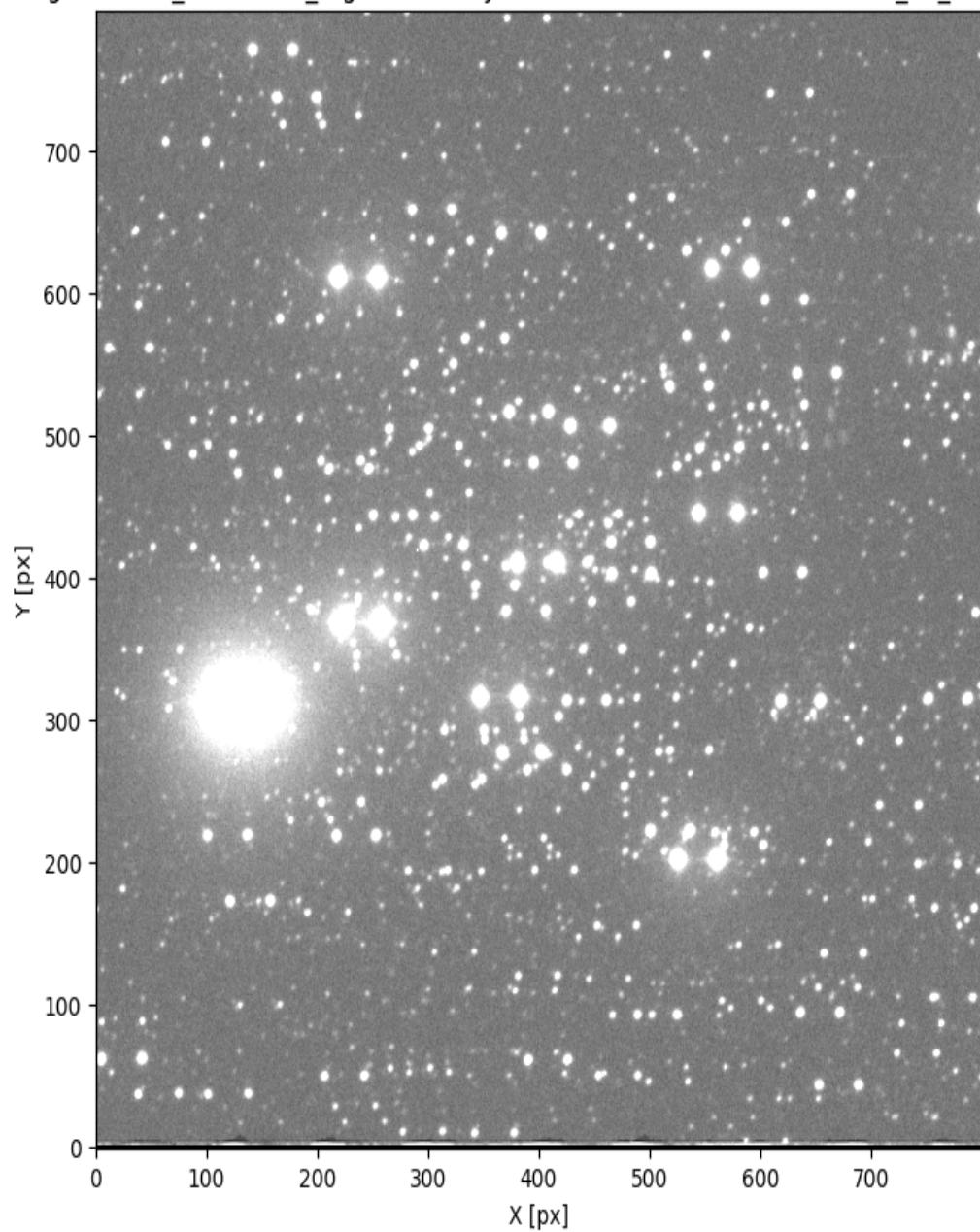


Original Image noche1_20230720_organize/XMMJ183328/Besselli/caf-20230721-00_26_38-sci-blap_b_f.fits

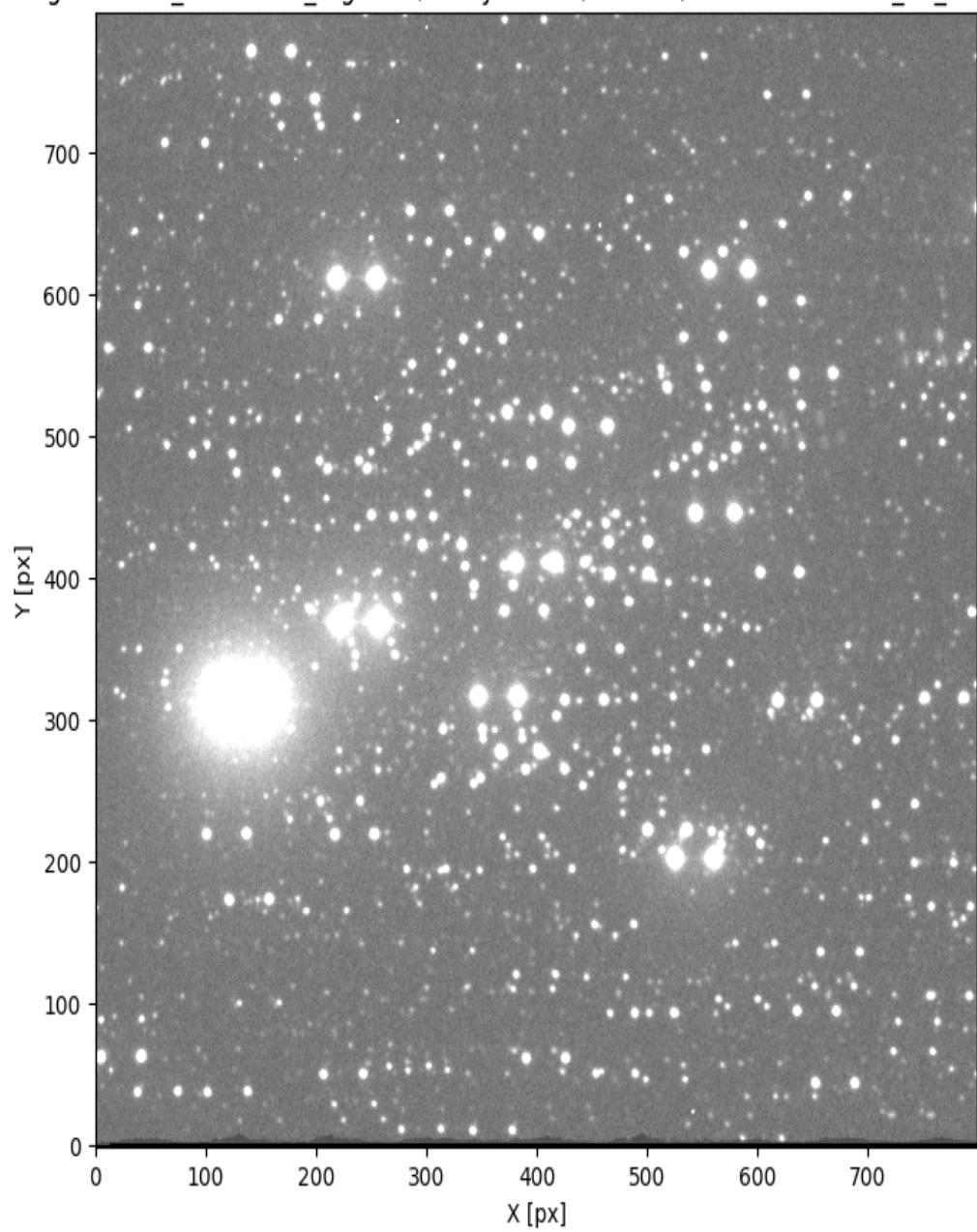


2. Imágenes alineadas

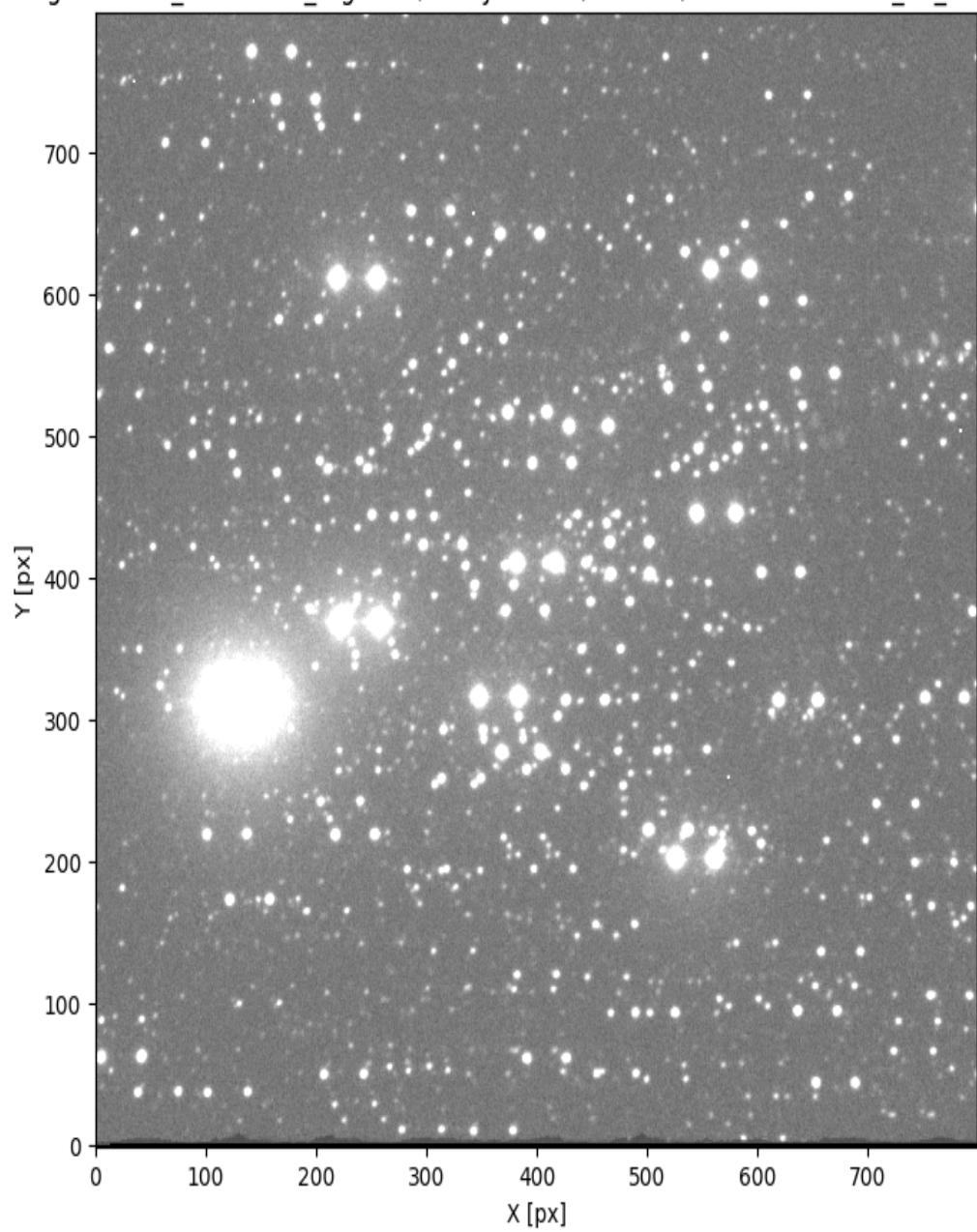
Aligned Image noche1_20230720_organize/XMMJ183328/Bessell/caf-20230721-00_25_08-sci-blap_b_f.fits



Aligned Image noche1_20230720_organize/XMMJ183328/Besselli/caf-20230721-00_25_53-sci-blap_b_f.fits

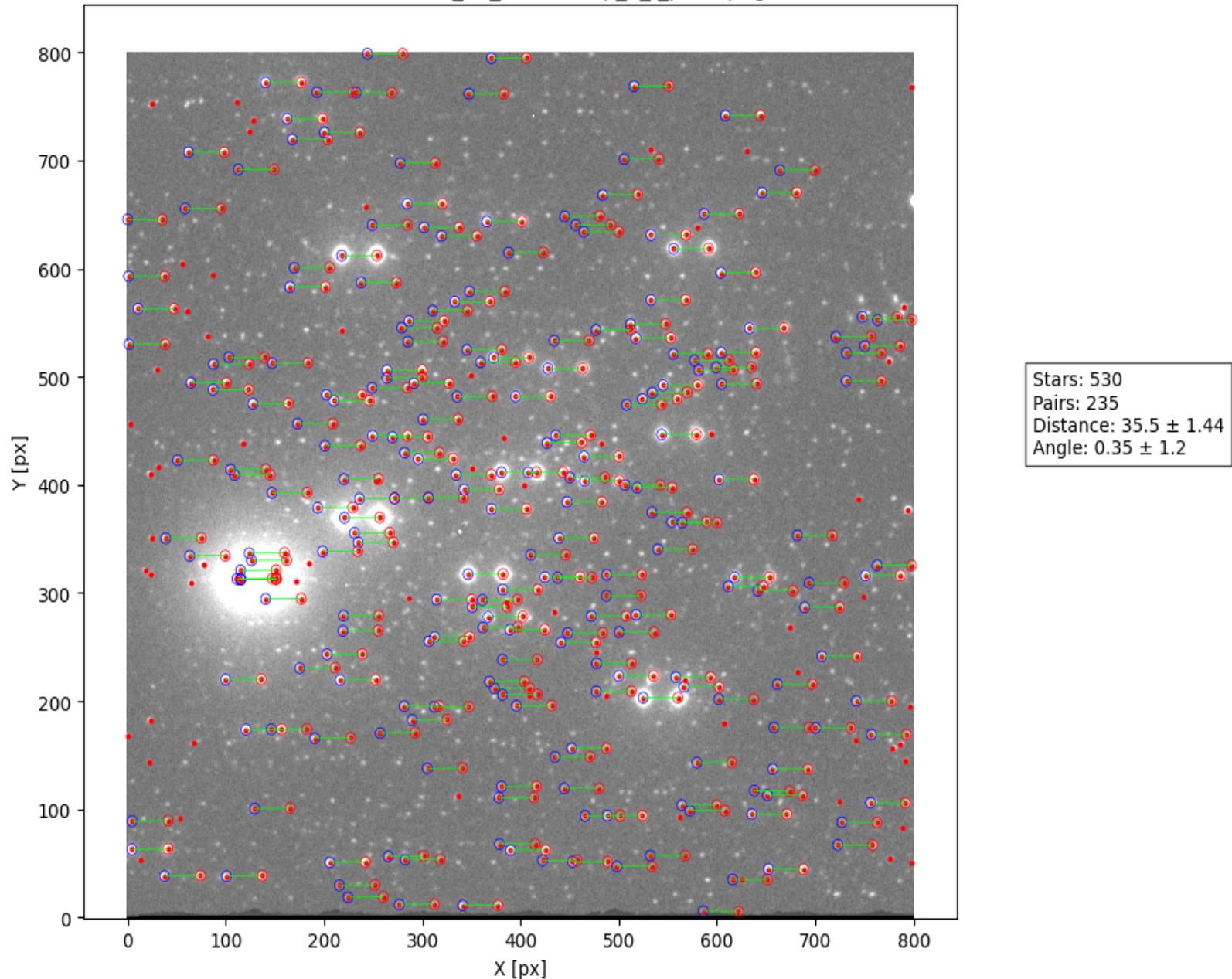


Aligned Image noche1_20230720_organize/XMMJ183328/Besselli/caf-20230721-00_26_38-sci-blap_b_f.fits

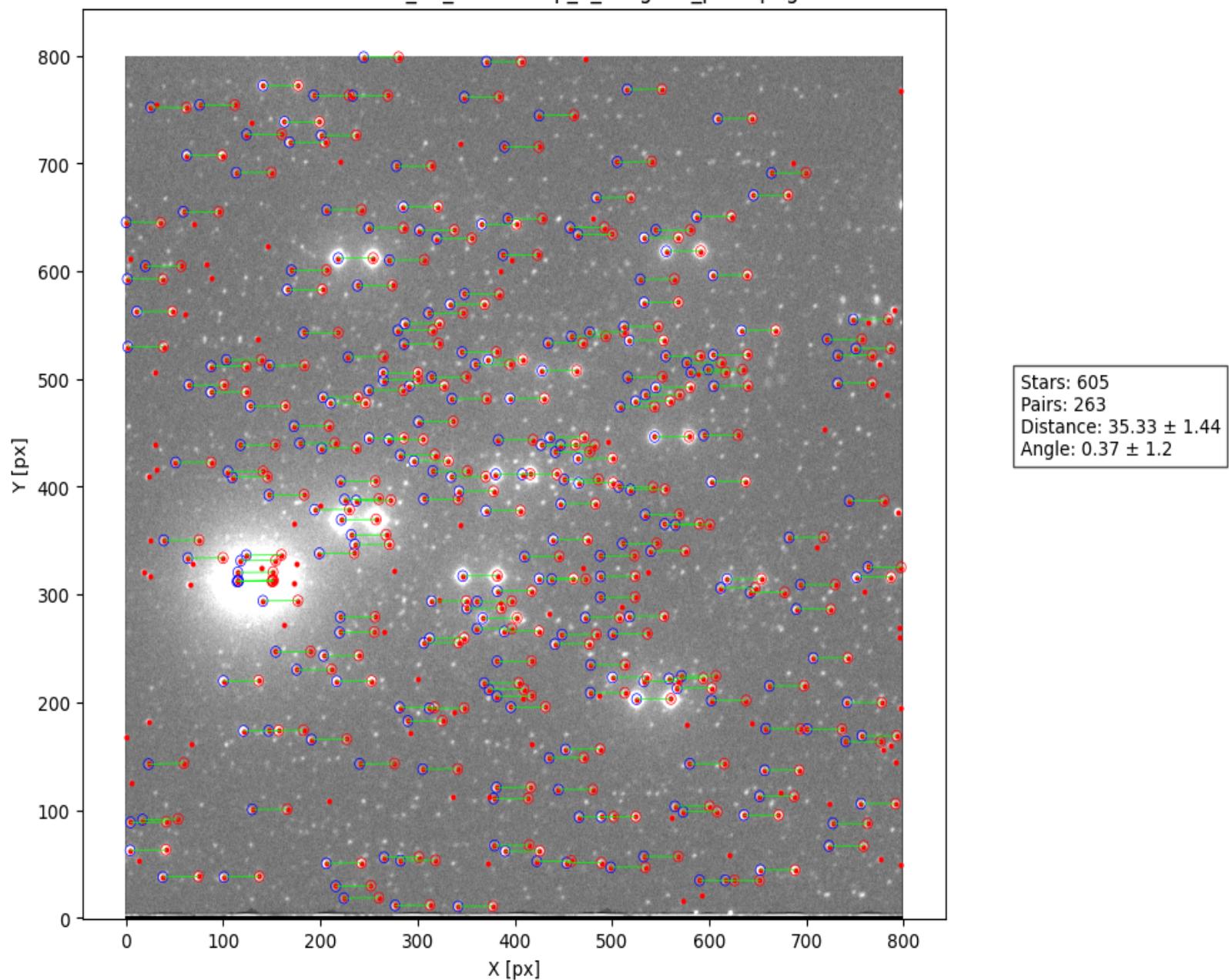


3. Imágenes con pares identificados

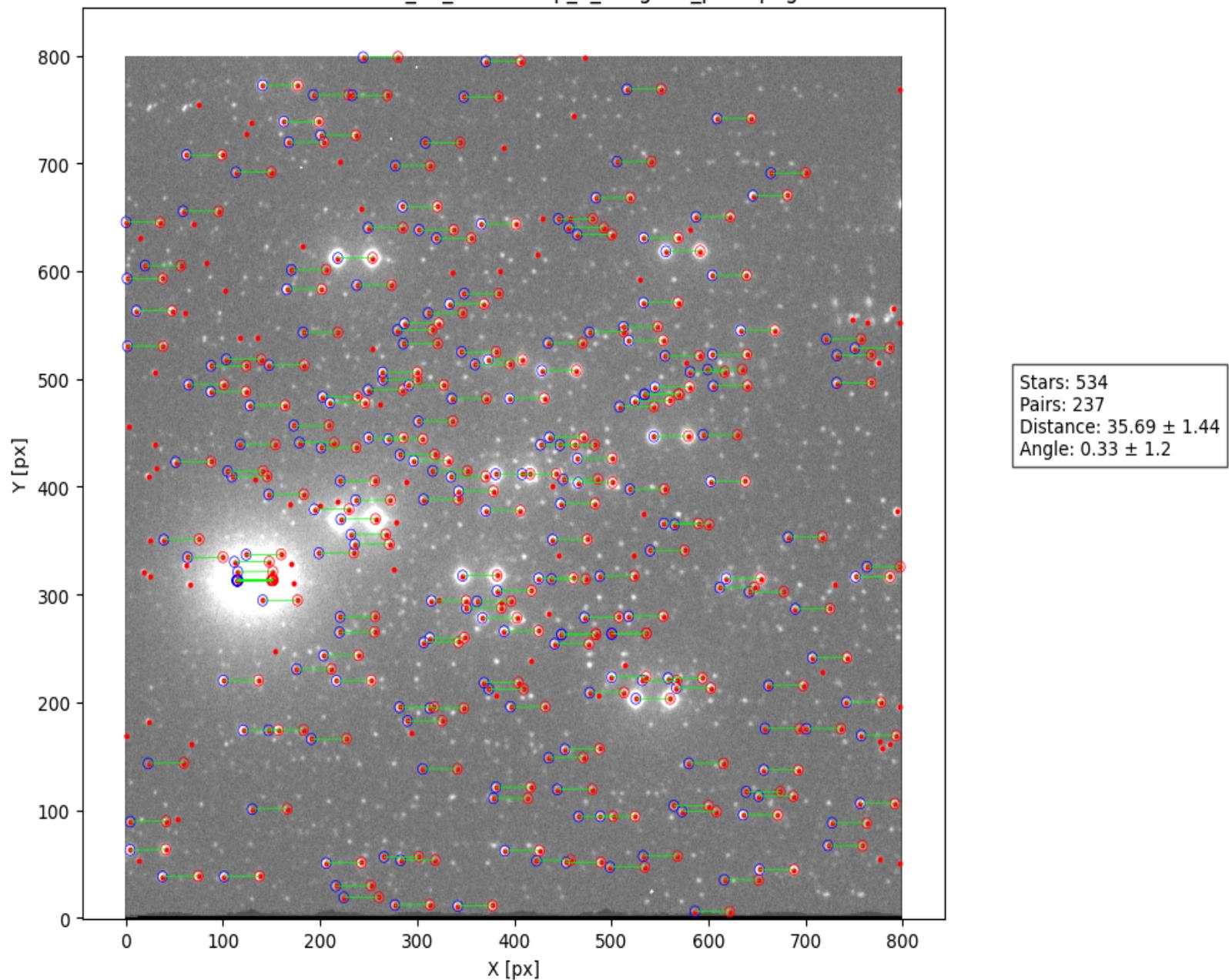
caf-20230721-00_24_23-sci-blap_b_f_pairs.png



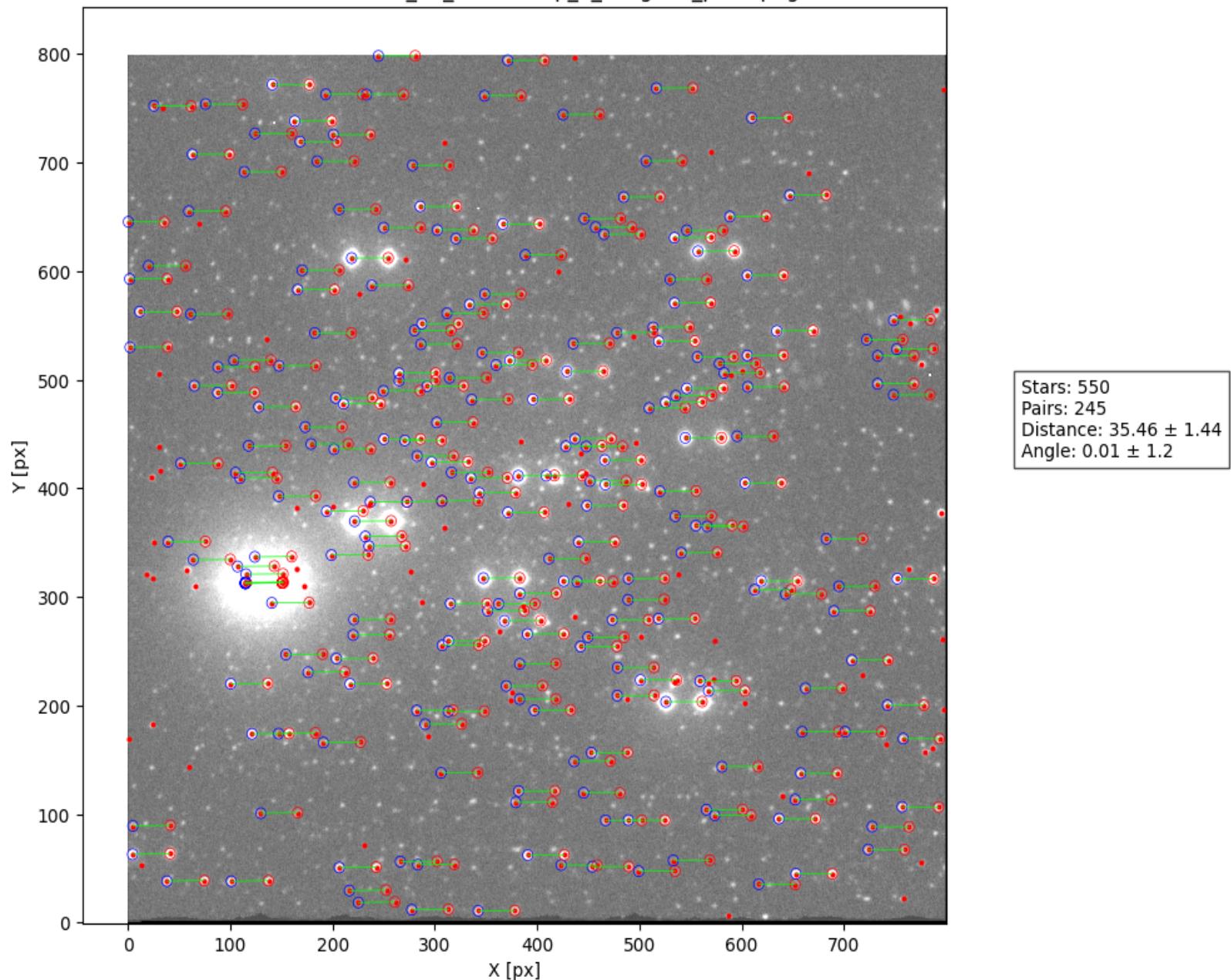
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caf-20230721-00_25_53-sci-blap_b_f-aligned_pairs.png

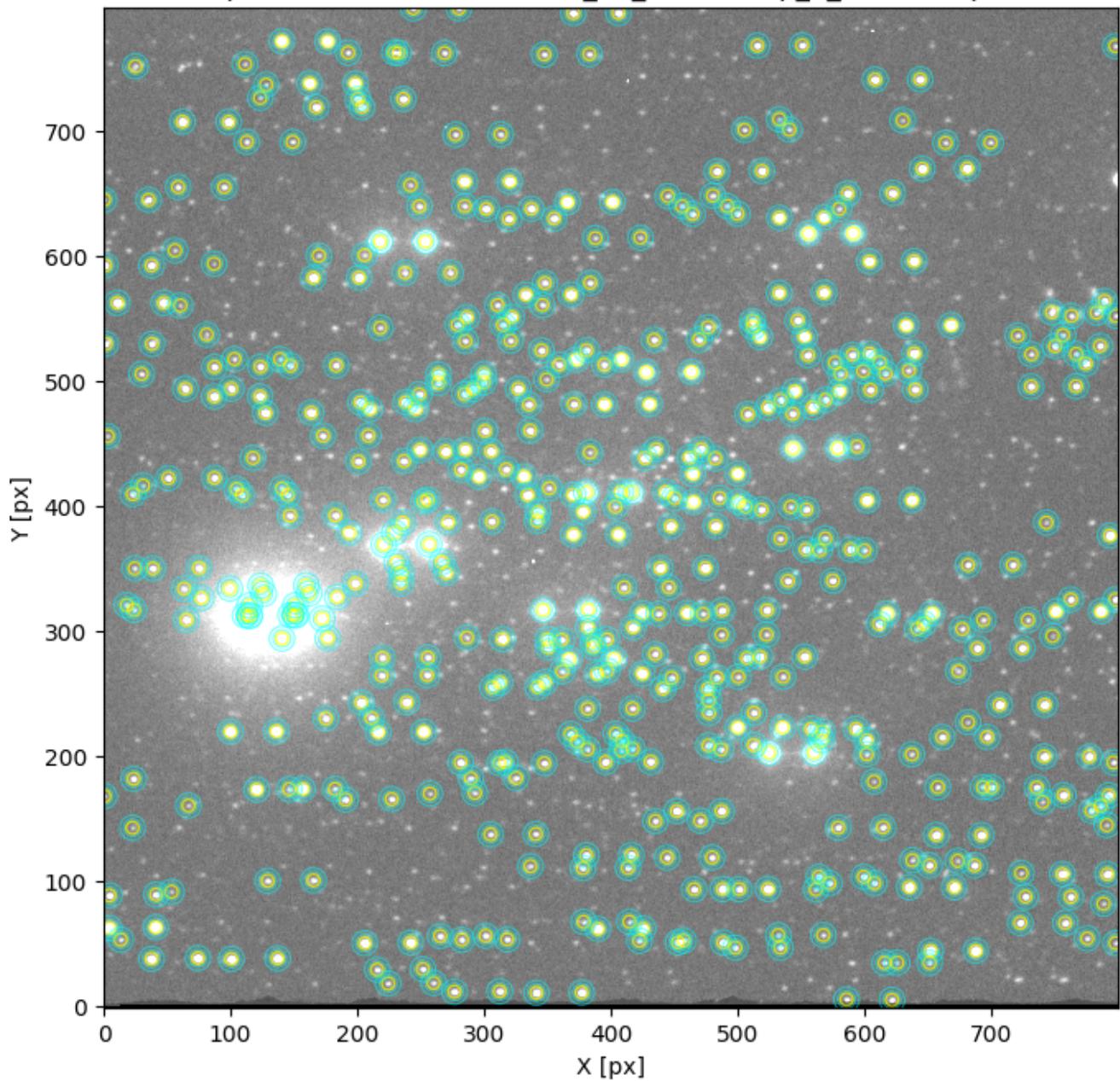


caf-20230721-00_26_38-sci-blap_b_f-aligned_pairs.png

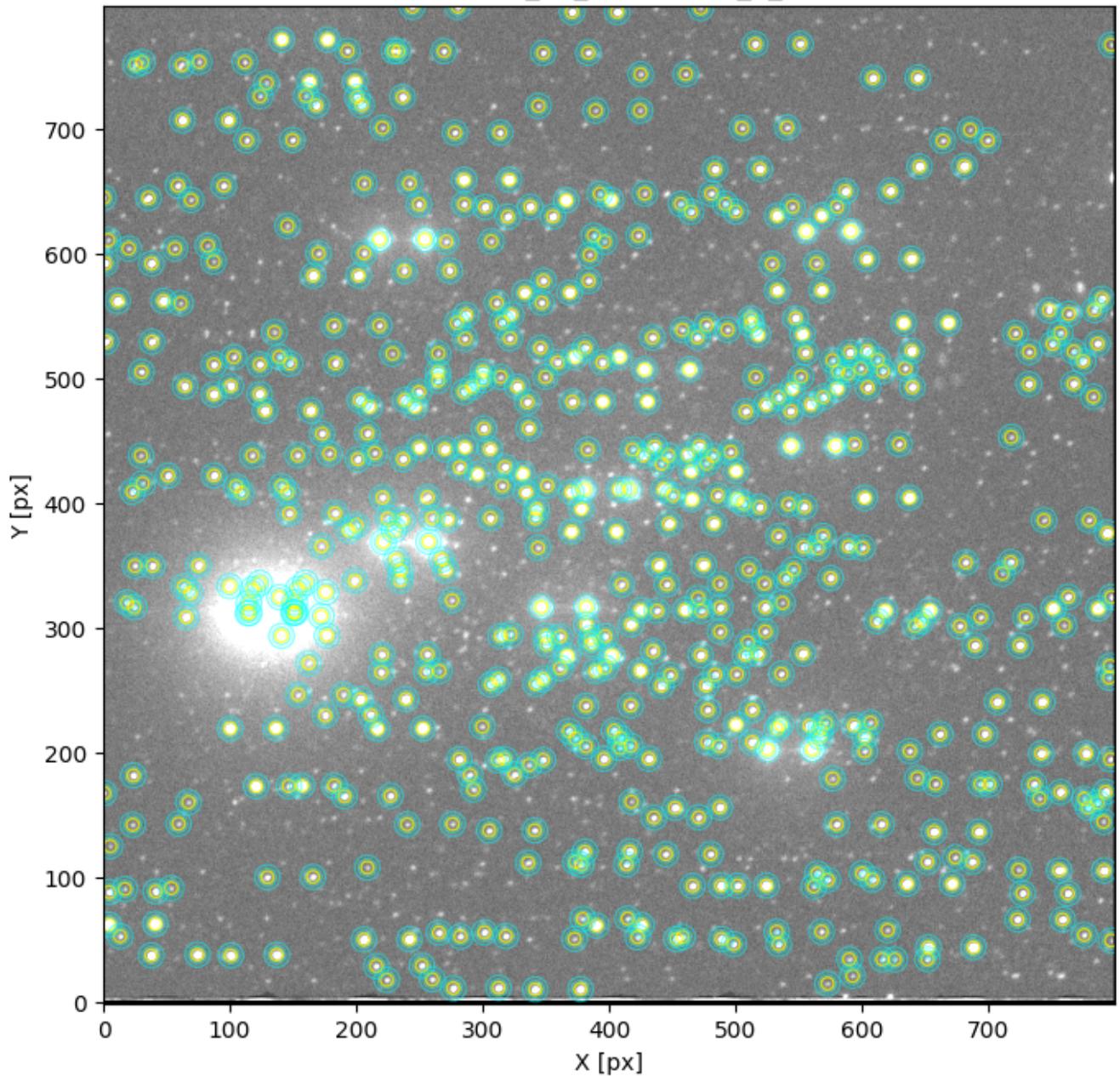


4. Fotometría — Aperturas

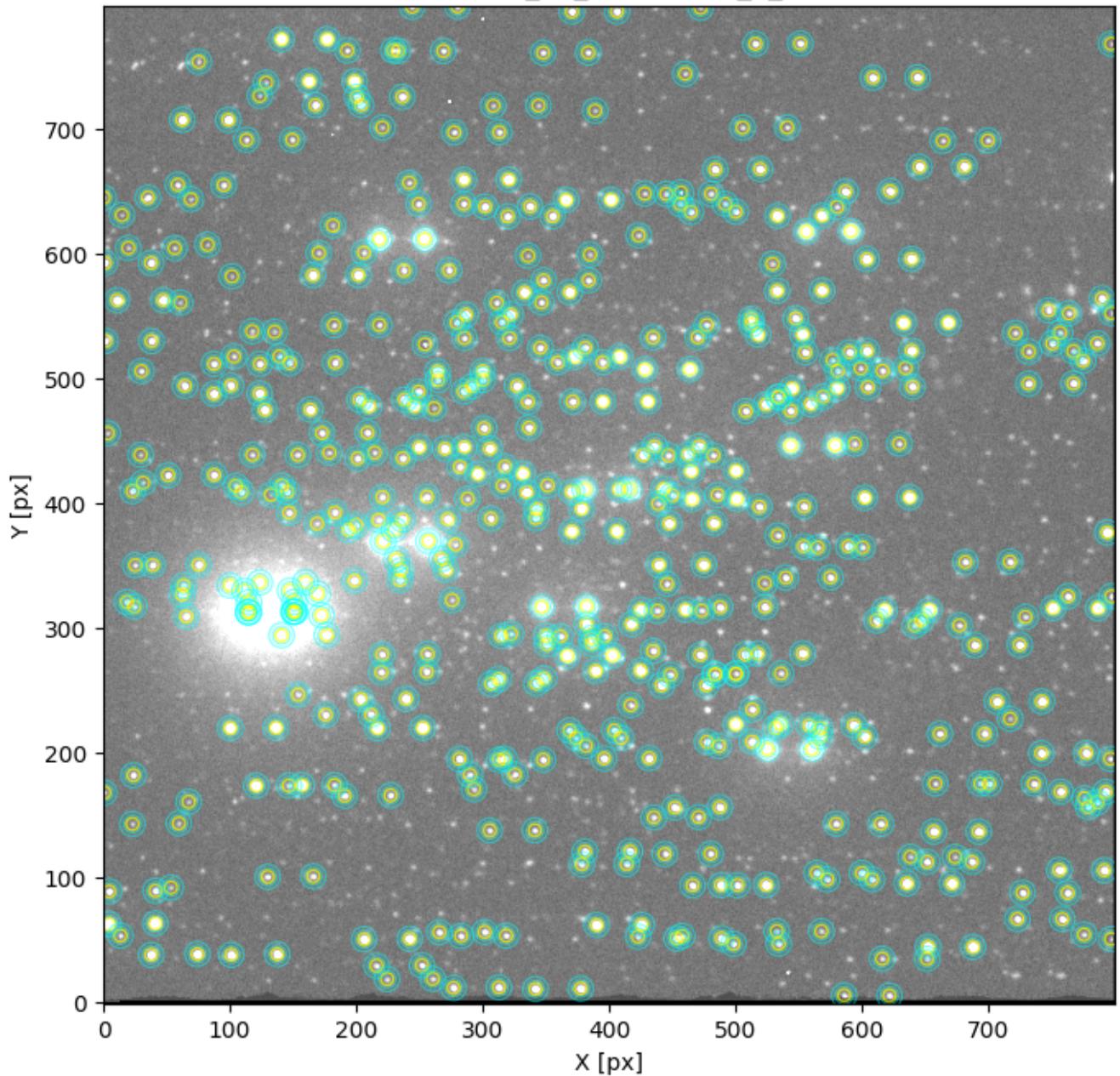
Apertures caf-20230721-00_24_23-sci-blap_b_f.fits ($r=5\text{px}$)



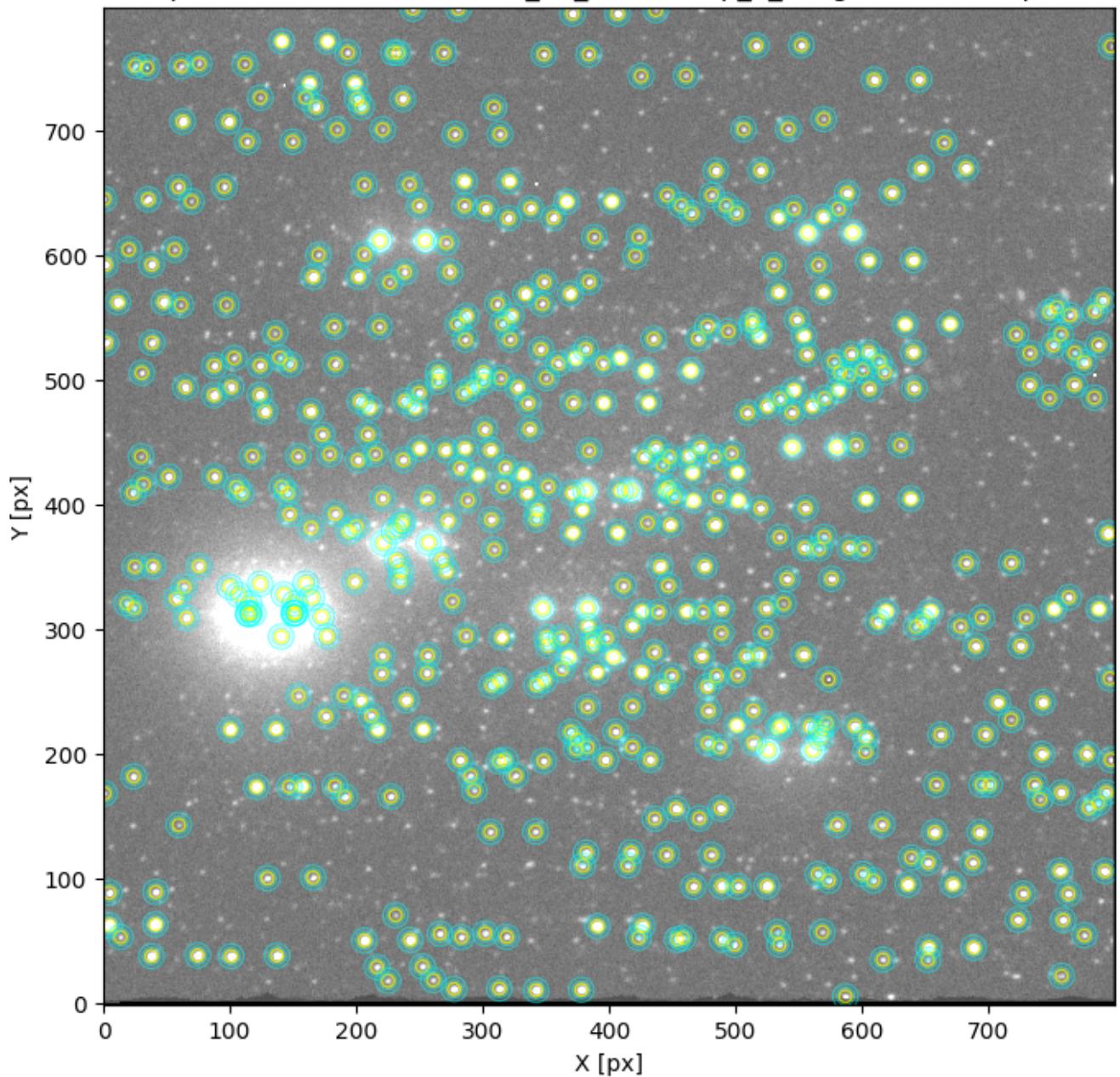
Apertures caf-20230721-00_25_08-sci-blap_b_f-aligned.fits (r=5px)



Apertures caf-20230721-00_25_53-sci-blap_b_f-aligned.fits (r=5px)

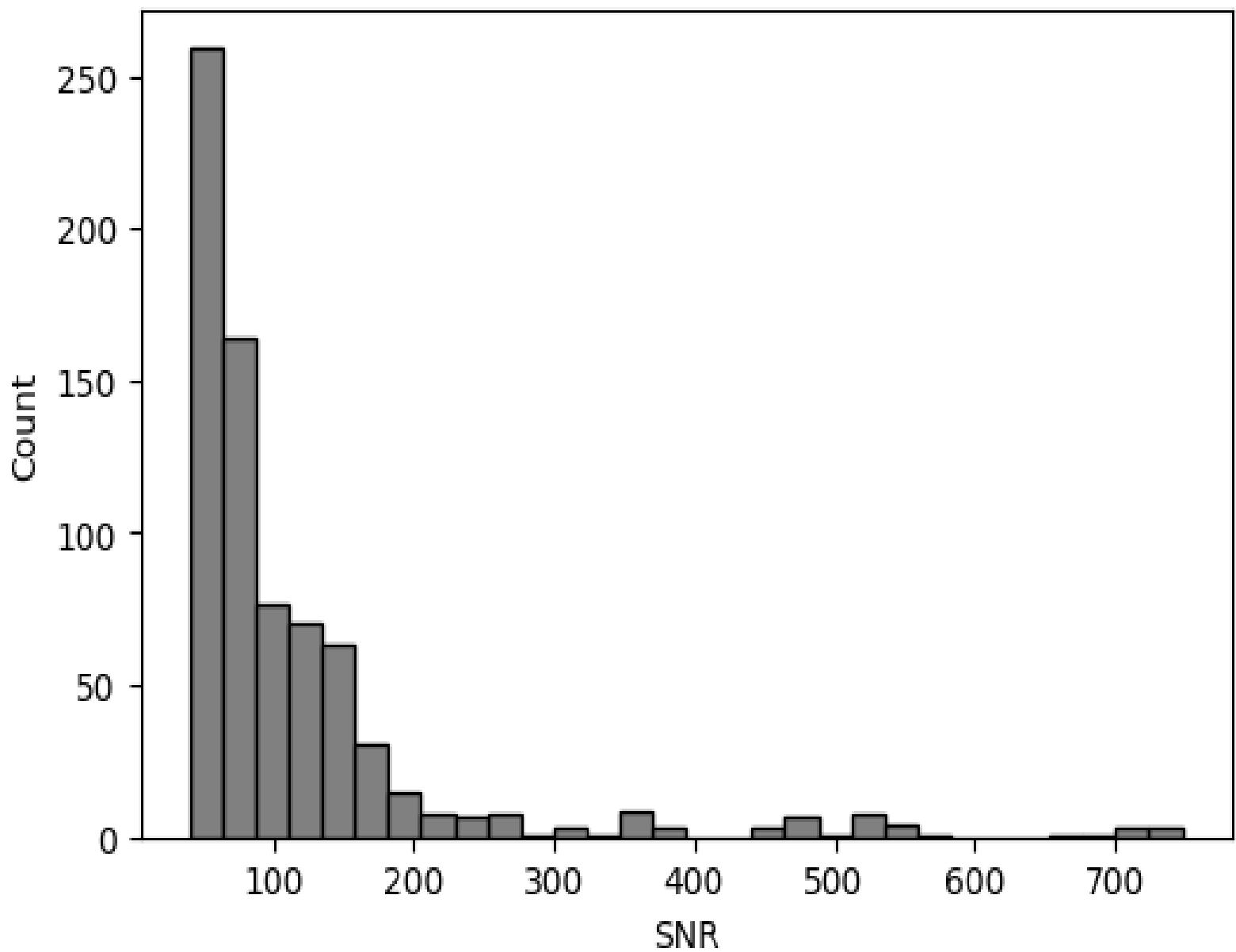


Apertures caf-20230721-00_26_38-sci-blap_b_f-aligned.fits (r=5px)

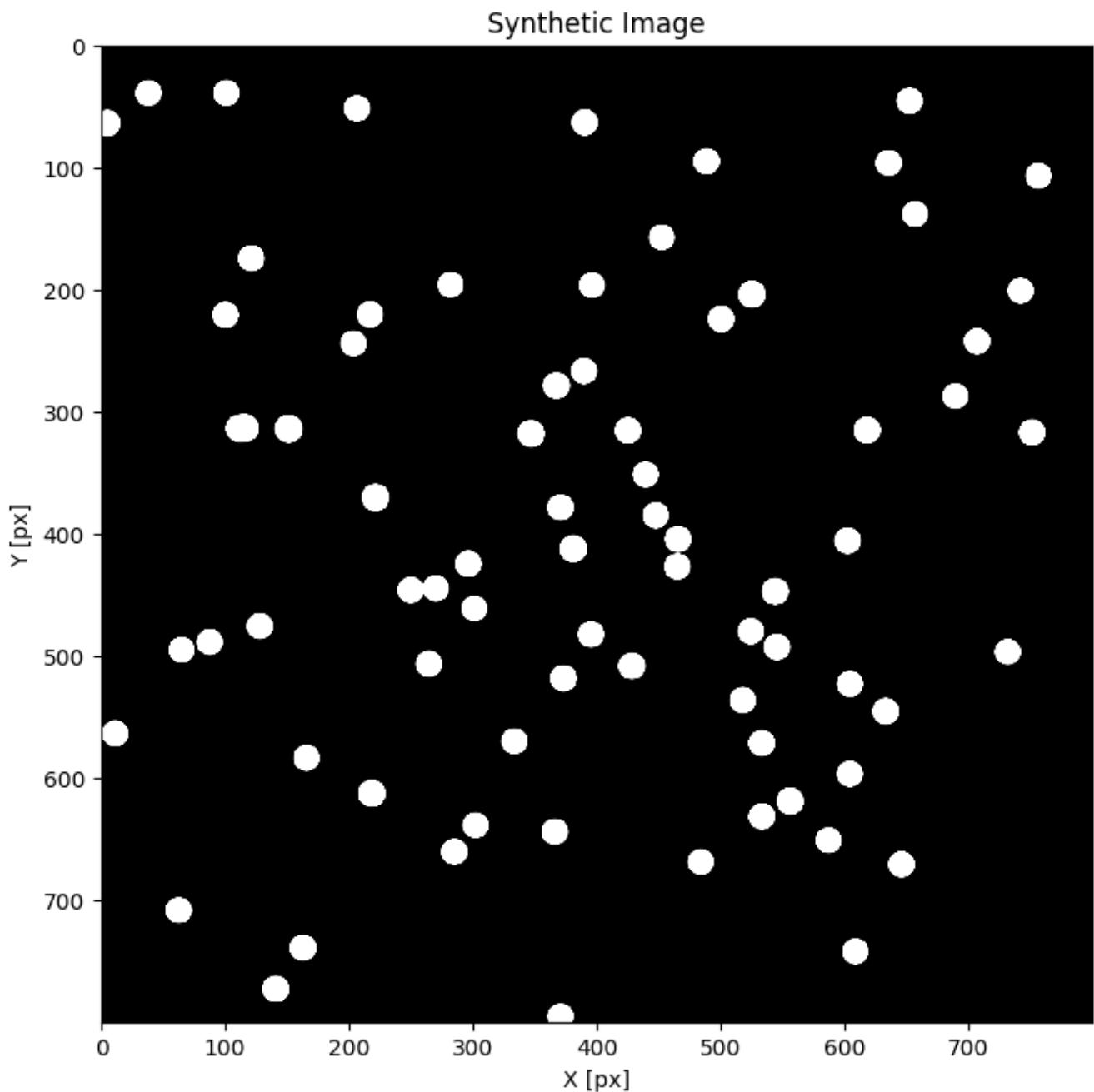


4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



5. Astrometría — Imagen sintética



5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
6	278.310628	-10.450450	UCAC4 398-084084	Star
7	278.310927	-10.441289	Gaia DR3 4155017715112890624	Star
8	278.314814	-10.360908	UCAC4 399-080906	Star
10	278.313341	-10.426023	NGC 6649 71	Star
16	278.315995	-10.399299	NGC 6649 74	Star
17	278.314121	-10.455429	UCAC4 398-084084	Star
23	278.321251	-10.385112	NGC 6649 76	Star
24	278.322265	-10.363644	UCAC4 399-080906	Star
28	278.324503	-10.346044	Gaia DR2 4155024999377510272	Star
34	278.328578	-10.360754	GES J18331889-1021381	Star
38	278.330293	-10.390745	NGC 6649 421	Star
42	278.331100	-10.439141	UCAC4 398-084101	Star
48	278.335139	-10.415826	NGC 6649 45	Star
49	278.335812	-10.399157	NGC 6649 46	Star
50	278.338388	-10.348653	Gaia DR3 4155024926353432704	Star
52	278.337621	-10.380369	2MASS J18332105-1022486	RedSG
59	278.337853	-10.442428	Gaia DR3 4155014790227699200	Star
60	278.338400	-10.425437	NGC 6649 44	Star
62	278.340477	-10.384107	NGC 6649 48	Star
66	278.344325	-10.354013	Gaia DR3 4155024926353433856	Star
67	278.341843	-10.427527	NGC 6649 43	Star
74	278.346211	-10.400503	NGC 6649 24	Star
76	278.347860	-10.403822	NGC 6649 23	Star
81	278.350940	-10.356816	GES J18332426-1021239	Star
90	278.351660	-10.440780	BD-10 4718	SB*
91	278.351660	-10.440780	BD-10 4718	SB*
92	278.351954	-10.435525	GES J18332493-1026140	Star
93	278.351701	-10.441264	BD-10 4718	SB*
94	278.351691	-10.440701	BD-10 4718	SB*
96	278.354668	-10.367374	2MASS J18332515-1022018	Star
97	278.353626	-10.395582	NGC 6649 17	Star
98	278.355686	-10.347913	UCAC2 28238305	Be*
99	278.353589	-10.407017	NGC 6649 19	Star

111	278.359051	-10.393696	NGC 6649 16	Be*
116	278.360672	-10.425624	2MASS J18332658-1025317	RedSG
118	278.362670	-10.403870	NGC 6649 8	Star
120	278.364063	-10.392677	NGC 6649 15	Star
128	278.367053	-10.390167	NGC 6649 14	Star
130	278.368017	-10.370168	UCAC4 399-080995	Star
134	278.367747	-10.402555	NGC 6649 9	Be*
138	278.369125	-10.414985	NGC 6649 5	Star
139	278.370385	-10.390367	NGC 6649 13	Star
143	278.371970	-10.418916	NGC 6649 4	Star
144	278.372055	-10.421875	NGC 6649 3	Star
146	278.373851	-10.378930	NGC 6649 28	Star
148	278.374586	-10.414472	NGC 6649 226	Star
150	278.375800	-10.439810	NGC 6649 41	Star
152	278.378601	-10.381974	NGC 6649 29	Star
154	278.378248	-10.400838	NGC 6649 34	Star
157	278.377525	-10.445769	Cl* NGC 6649 WL 848	Star
159	278.380628	-10.378968	NGC 6649 30	Star
160	278.378346	-10.449114	Gaia DR3 4155020429520782080	Star
163	278.382291	-10.351722	GES J18333179-1021056	Star
165	278.381119	-10.420073	NGC 6649 37	Star
167	278.382267	-10.396161	NGC 6649 33	Star
174	278.383458	-10.404282	NGC 6649 35	Star
176	278.385453	-10.370500	Gaia DR3 4155024277822923904	Star
183	278.386939	-10.383228	NGC 6649 31	Star
187	278.388955	-10.366398	GES J18333339-1021584	Star
193	278.388237	-10.457303	Gaia DR3 4155020360812652032	Star
194	278.390920	-10.410340	NGC 6649 40	Star
195	278.392268	-10.381180	NGC 6649 57	Star
197	278.392033	-10.434892	NGC 6649 65	Be*
200	278.396416	-10.370902	Gaia DR3 4155024243463171328	EclBin
202	278.396622	-10.427364	V* V367 Sct	ClassicalCep
204	278.399461	-10.378058	NGC 6649 58	Star
206	278.401203	-10.381476	NGC 6649 59	Be*
208	278.400959	-10.415277	NGC 6649 63	Star

211	278.402108	-10.405962	NGC 6649 61	Star
214	278.404400	-10.373691	GES J18333709-1022247	Star
216	278.404097	-10.417889	ZTF J183337.02-102503.7	LongPeriodV*
217	278.406436	-10.388874	Gaia DR3 4155021254165908608	Star
218	278.407682	-10.365184	GES J18333788-1021542	Star
223	278.410006	-10.450606	GES J18333842-1027012	Star
226	278.415107	-10.436140	UCAC4 398-084235	Star
227	278.418066	-10.370990	GES J18334036-1022151	Star
232	278.419989	-10.439520	GES J18333957-1026273	Star
233	278.424603	-10.406076	Gaia DR3 4155020979287963904	Star

6. Polarimetría — Tabla de parámetros

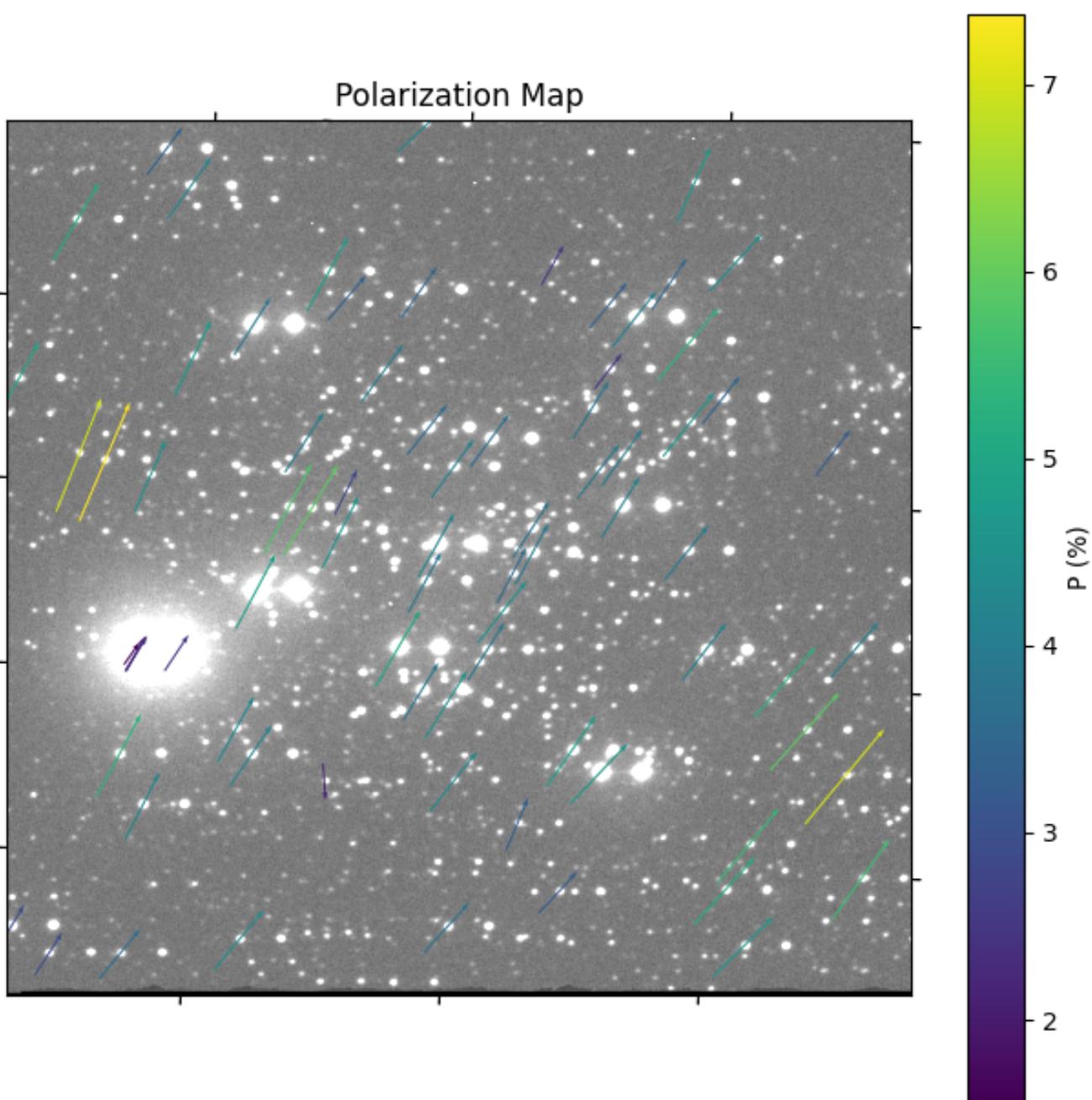
Par	q (%)	u (%)	P (%)	θ (°)	Error (%)
6	-1.27	2.62	2.91	57.96	0.00
7	-0.81	3.58	3.67	51.36	0.00
8	-0.12	4.78	4.78	45.75	0.00
10	-0.92	4.29	4.39	51.07	0.00
16	-0.51	3.75	3.79	48.87	0.00
17	-1.43	2.58	2.95	59.54	0.00
23	-0.34	3.19	3.21	48.06	0.00
24	-0.65	5.10	5.14	48.63	0.00
28	-2.00	5.21	5.58	55.50	0.00
34	-1.22	5.31	5.45	51.48	0.00
38	-2.40	2.31	3.33	68.05	0.00
42	-2.56	3.38	4.24	63.56	0.00
48	-2.11	-0.27	2.12	-86.41	0.00
49	-1.14	4.16	4.31	52.63	0.00
50	-1.50	6.83	7.00	51.20	0.00
52	-0.38	4.62	4.64	47.32	0.00
59	-3.04	4.36	5.32	62.45	0.00
60	-1.64	3.87	4.20	56.47	0.00
62	-1.84	4.54	4.90	56.04	0.00
66	-0.88	5.84	5.91	49.26	0.00
67	-2.35	3.58	4.28	61.67	0.00
74	-2.12	3.98	4.51	59.00	0.00
76	-1.83	3.33	3.80	59.40	0.00
81	-0.84	5.22	5.29	49.57	0.00
90	-1.16	2.01	2.32	59.98	0.00
91	-1.25	1.85	2.23	62.05	0.00
92	-1.02	2.24	2.46	57.28	0.00
93	-0.58	1.46	1.57	55.80	0.00
94	-1.12	2.08	2.36	59.12	0.00
96	-1.18	3.90	4.07	53.43	0.00
97	-1.74	3.45	3.86	58.39	0.00
98	-0.75	4.04	4.11	50.25	0.00
99	-2.60	4.30	5.02	60.57	0.00

111	-1.18	4.30	4.46	52.69	0.00
116	-2.81	3.91	4.82	62.87	0.00
118	-2.18	3.22	3.89	62.06	0.00
120	-2.11	2.89	3.58	63.05	0.00
128	-2.24	3.23	3.93	62.35	0.00
130	-0.95	3.85	3.96	51.96	0.00
134	-2.27	3.49	4.16	61.51	0.00
138	-2.81	3.62	4.58	63.91	0.00
139	-1.67	3.39	3.78	58.10	0.00
143	-2.92	5.17	5.94	59.71	0.00
144	-3.40	4.67	5.77	63.01	0.00
146	-1.89	3.62	4.08	58.81	0.00
148	-1.78	2.25	2.87	64.16	0.01
150	-3.14	3.23	4.51	67.12	0.00
152	-1.10	3.75	3.91	53.14	0.00
154	-1.39	3.83	4.07	54.99	0.00
157	-5.24	5.19	7.37	67.65	0.00
159	-1.36	3.68	3.93	55.11	0.00
160	-5.17	4.69	6.98	68.89	0.00
163	-1.03	3.13	3.30	54.06	0.01
165	-1.74	3.67	4.06	57.70	0.00
167	-1.20	3.47	3.67	54.56	0.00
174	-0.90	3.48	3.60	52.27	0.00
176	-1.16	4.52	4.67	52.18	0.00
183	-1.78	3.40	3.84	58.83	0.00
187	-0.90	3.34	3.46	52.52	0.00
193	-2.80	4.11	4.97	62.11	0.00
194	-1.34	3.76	3.99	54.83	0.00
195	-0.72	2.45	2.56	53.19	0.00
197	-3.06	3.65	4.76	64.99	0.00
200	-1.08	5.22	5.33	50.86	0.00
202	-1.76	3.45	3.88	58.51	0.00
204	-1.05	3.88	4.02	52.56	0.00
206	-0.77	3.28	3.37	51.62	0.00
208	-0.63	3.27	3.33	50.49	0.00

211	-1.33	3.20	3.47	56.31	0.00
214	-1.38	3.24	3.52	56.52	0.00
216	-2.64	4.00	4.79	61.71	0.00
217	-1.43	2.19	2.61	61.59	0.00
218	-0.55	4.34	4.37	48.60	0.00
223	-2.57	4.40	5.10	60.14	0.00
226	-1.55	3.95	4.24	55.71	0.00
227	-3.21	3.41	4.68	66.67	0.00
232	-1.06	3.20	3.37	54.15	0.00
233	0.07	4.25	4.25	44.54	0.00

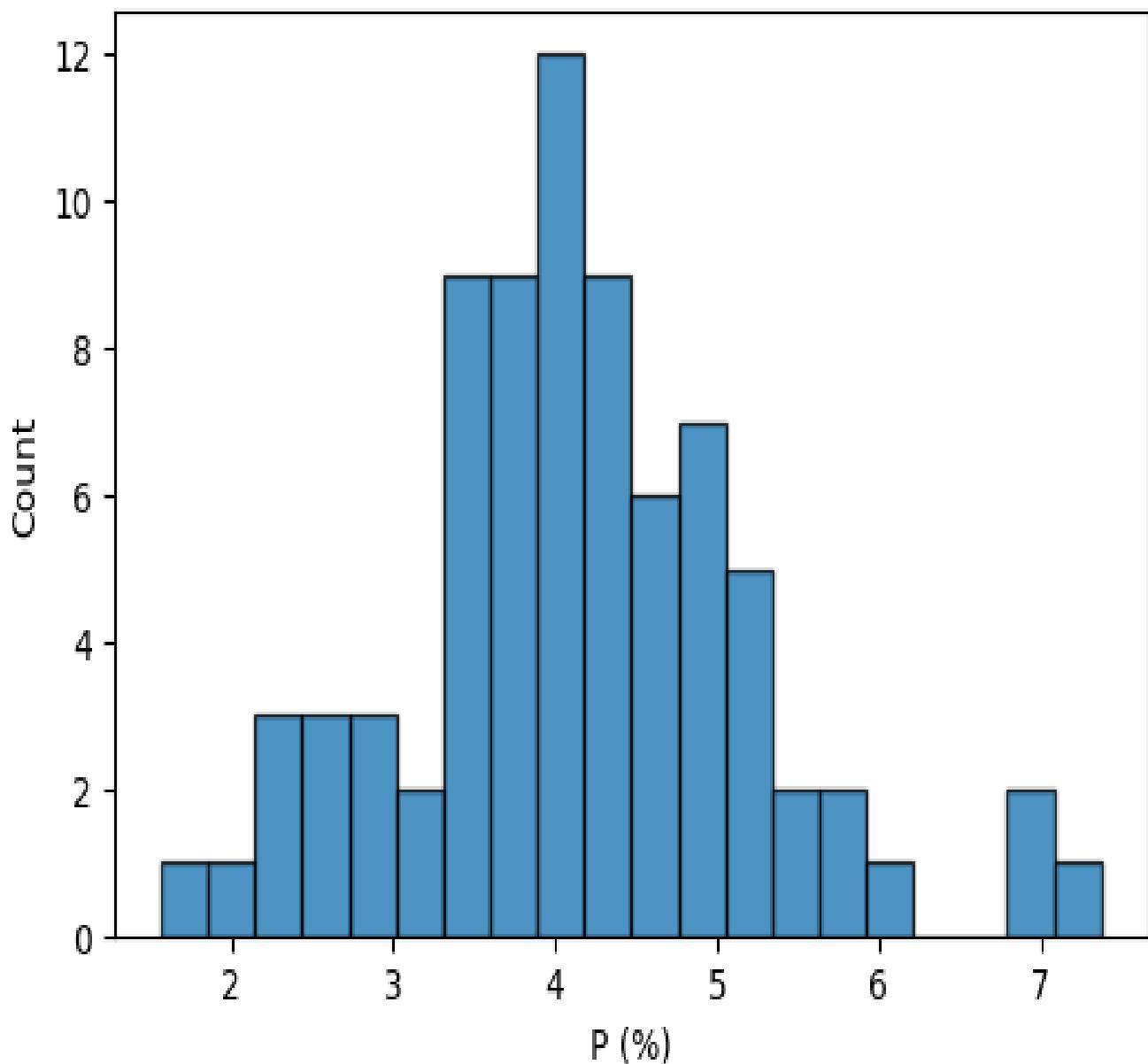
6. Polarimetría — Mapa de polarización

Polarization Map

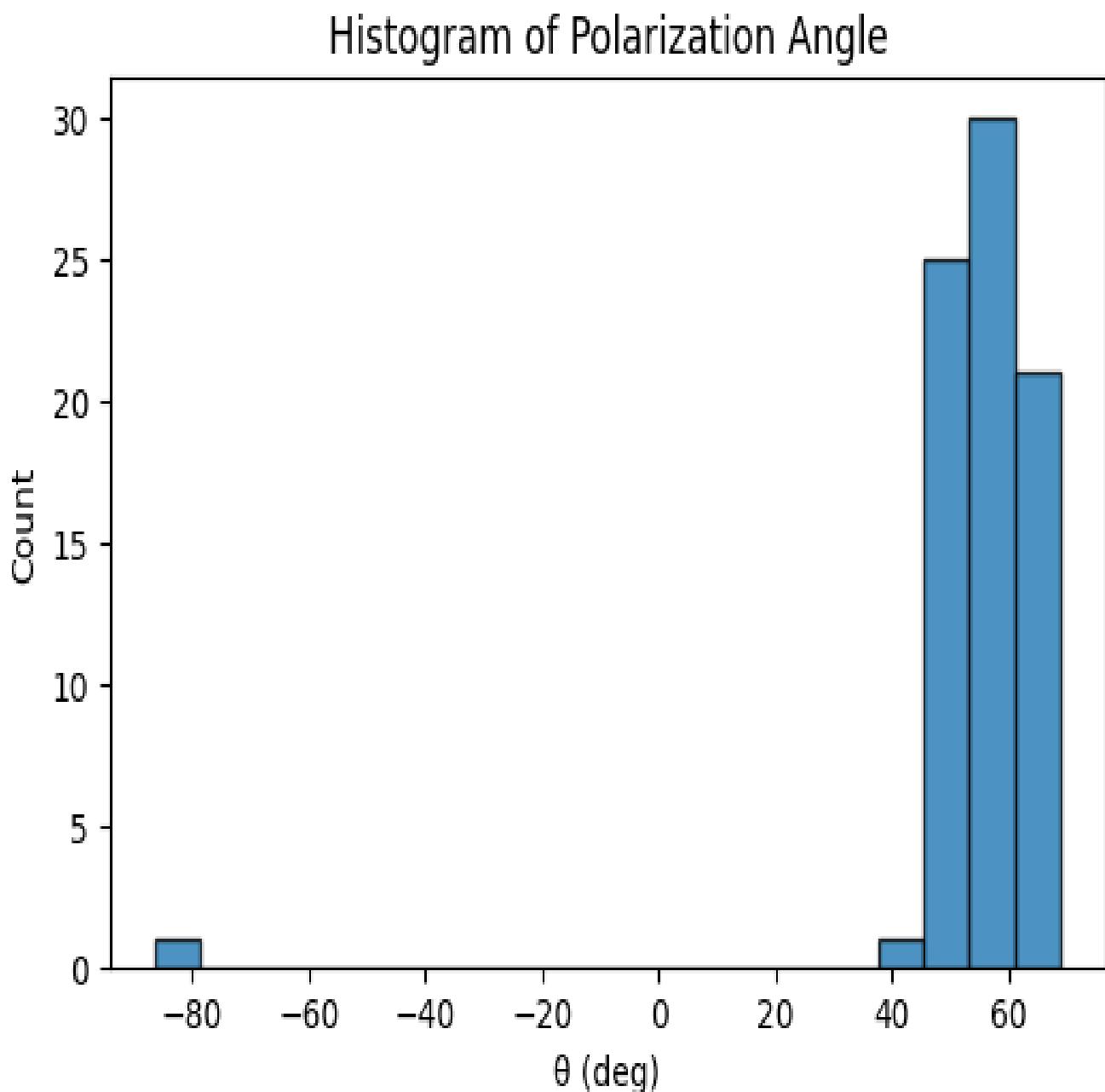


6. Polarimetría — Histograma de P

Histogram of Polarization Degree



6. Polarimetría — Histograma de θ



6. Polarimetría — Diagrama Q–U

