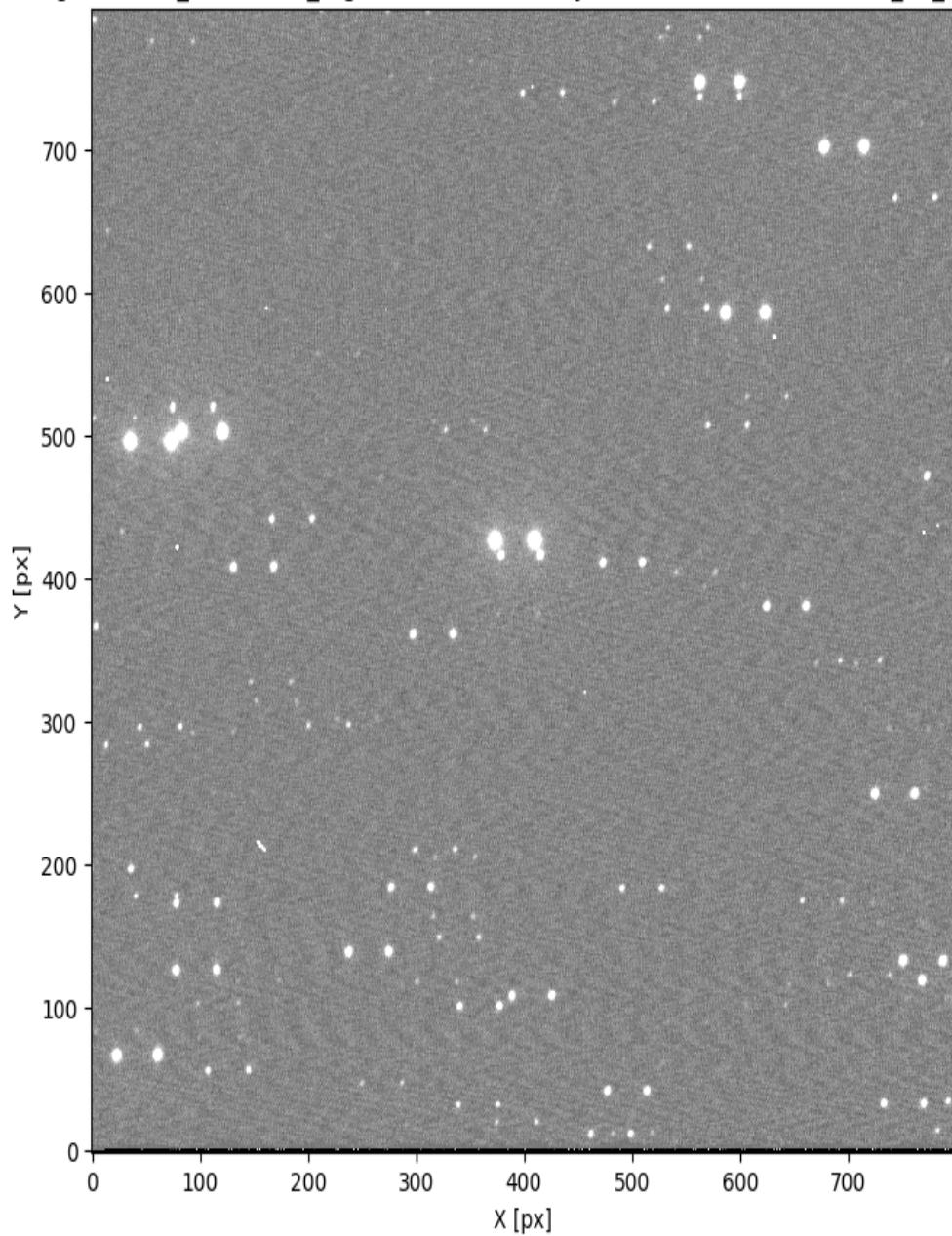
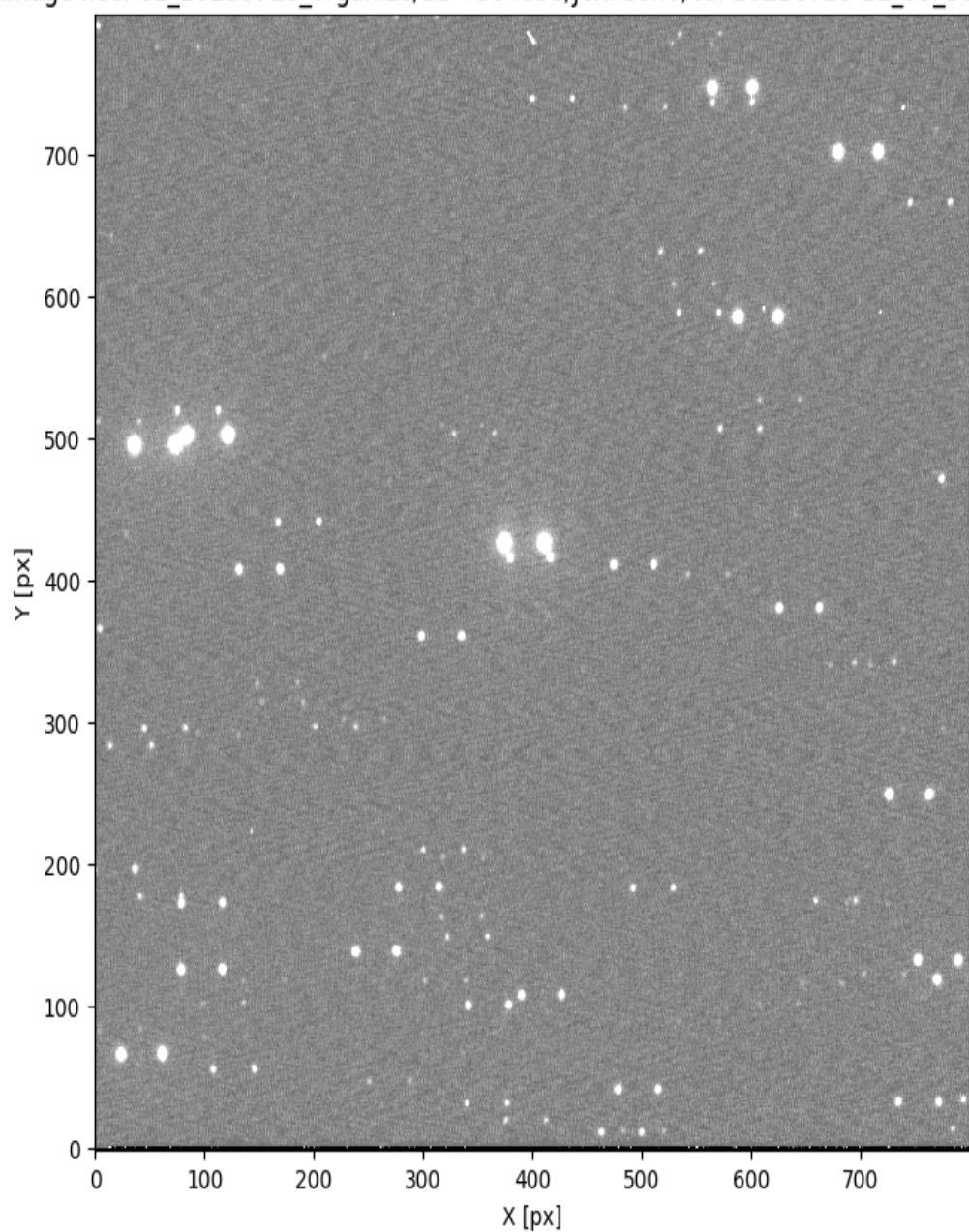


# 1. Imágenes originales

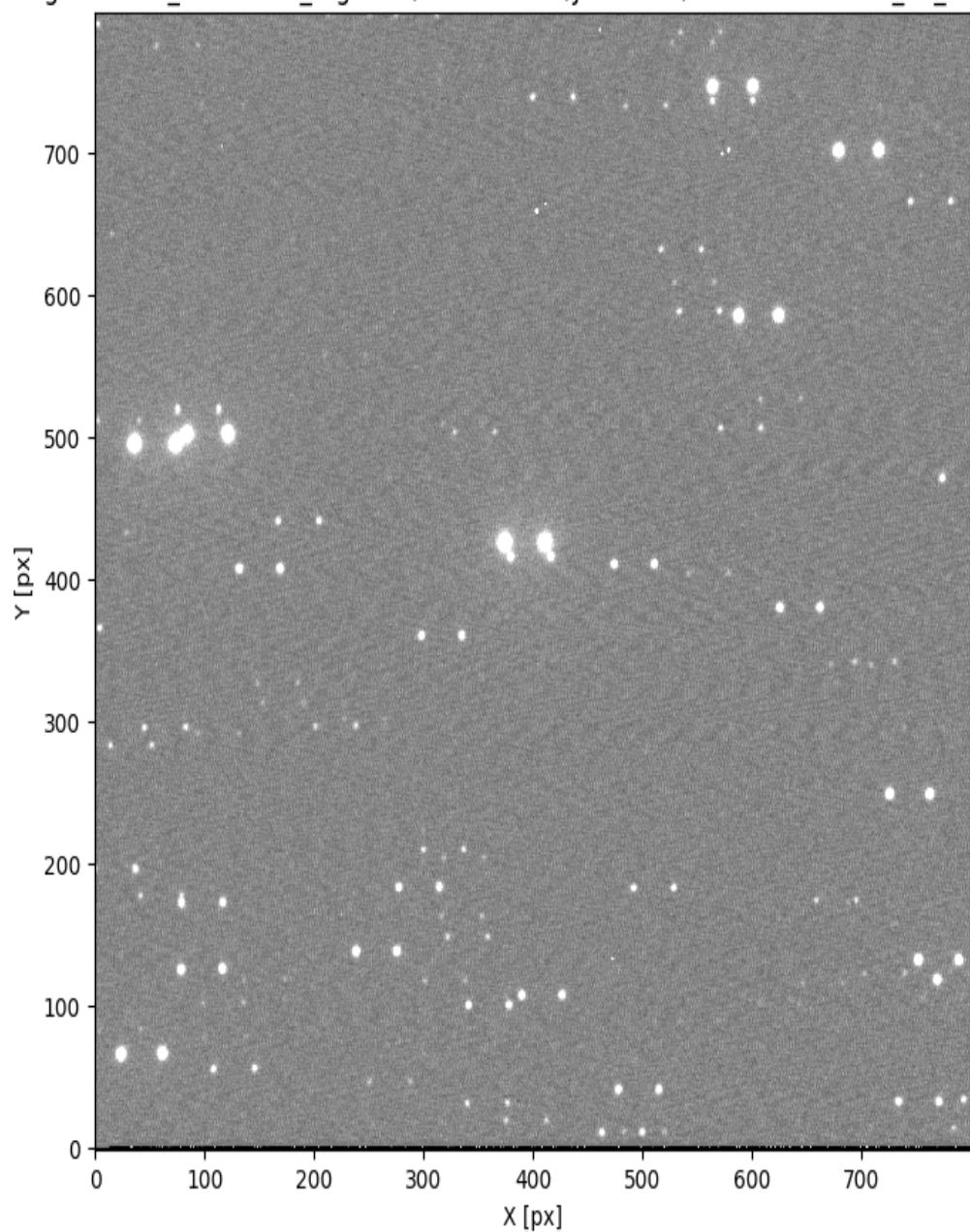
Reference Image noche1\_20230720\_organize/BD+384058/JohnsonV/caf-20230720-21\_39\_10-sci-blap\_b\_f.fits



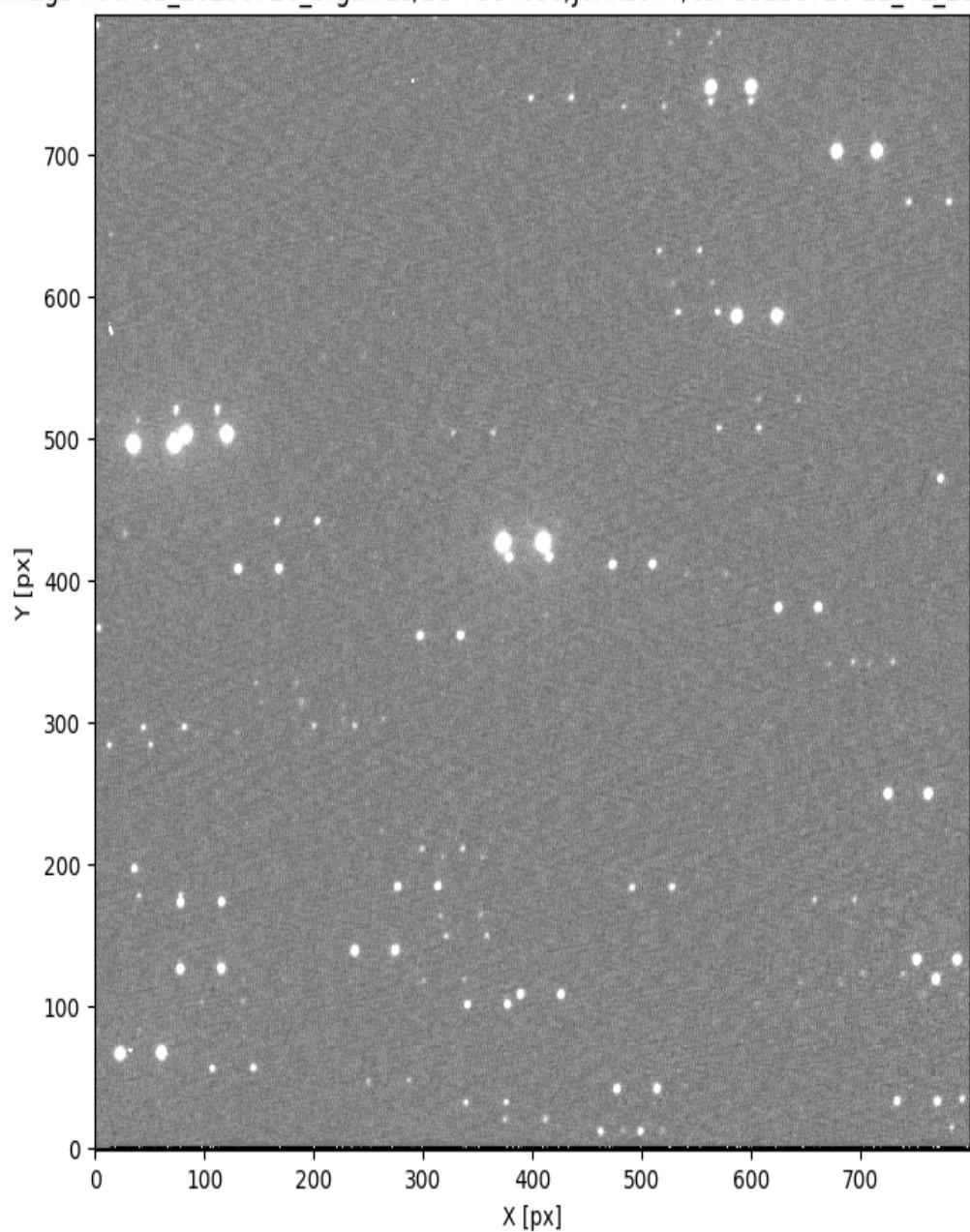
Original Image noche1\_20230720\_organize/BD+384058/JohnsonV/caf-20230720-21\_39\_56-sci-blap\_b\_f.fits



Original Image noche1\_20230720\_organize/BD+384058/JohnsonV/caf-20230720-21\_40\_42-sci-blap\_b\_f.fits

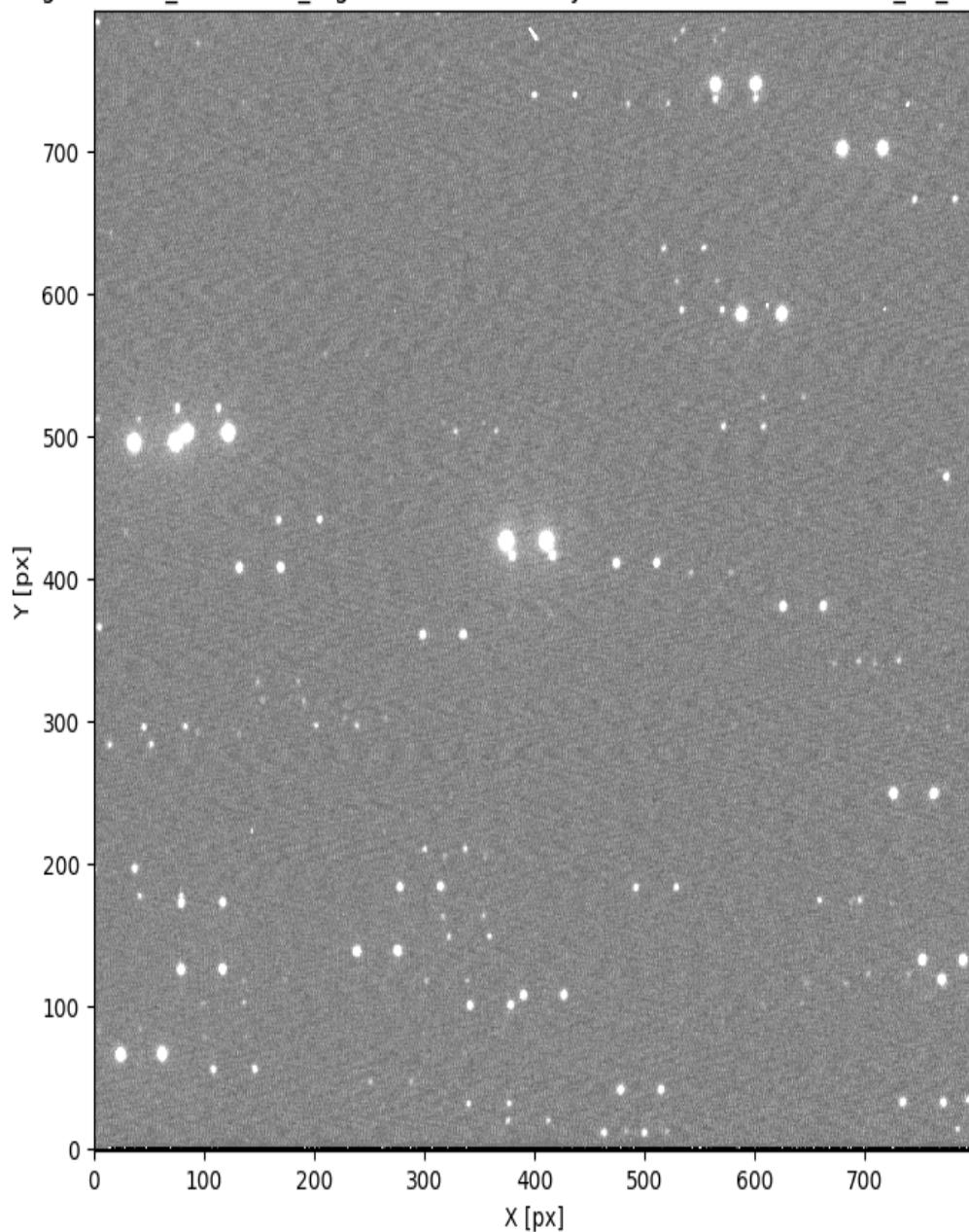


Original Image noche1\_20230720\_organize/BD+384058/JohnsonV/caf-20230720-21\_41\_28-sci-blap\_b\_f.fits

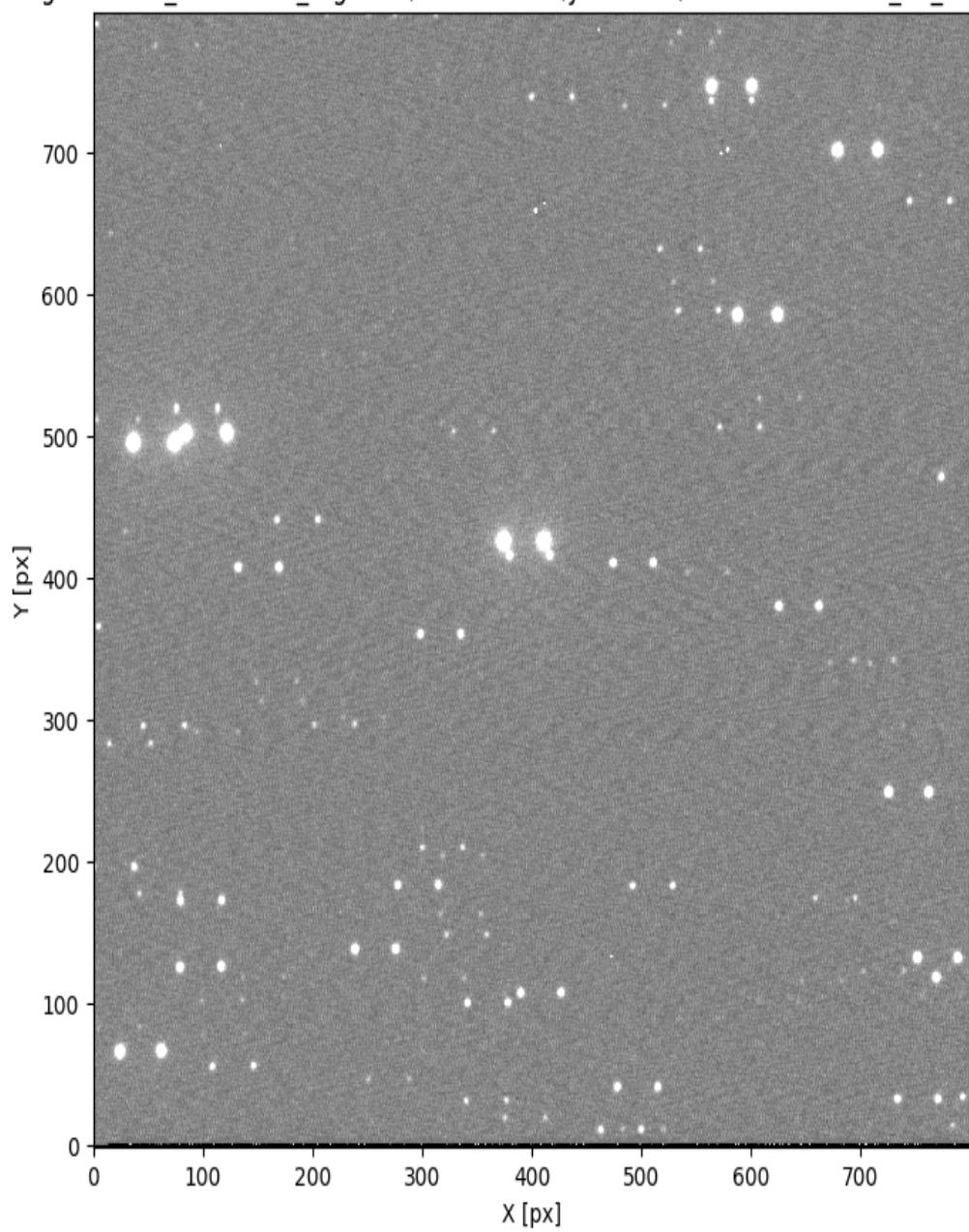


## 2. Imágenes alineadas

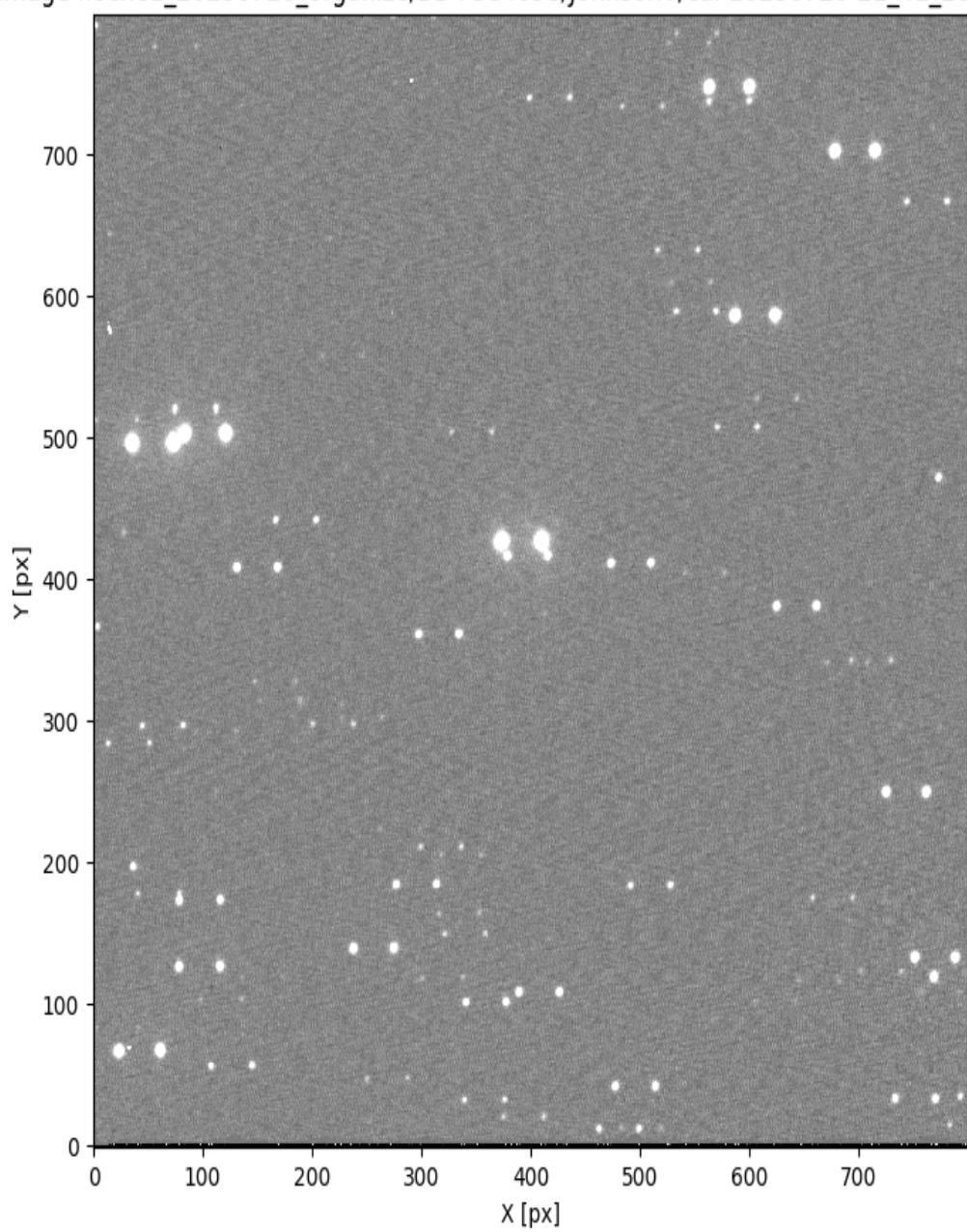
Aligned Image noche1\_20230720\_organize/BD+384058/JohnsonV/caf-20230720-21\_39\_56-sci-blap\_b\_f.fits



Aligned Image noche1\_20230720\_organize/BD+384058/JohnsonV/caf-20230720-21\_40\_42-sci-blap\_b\_f.fits

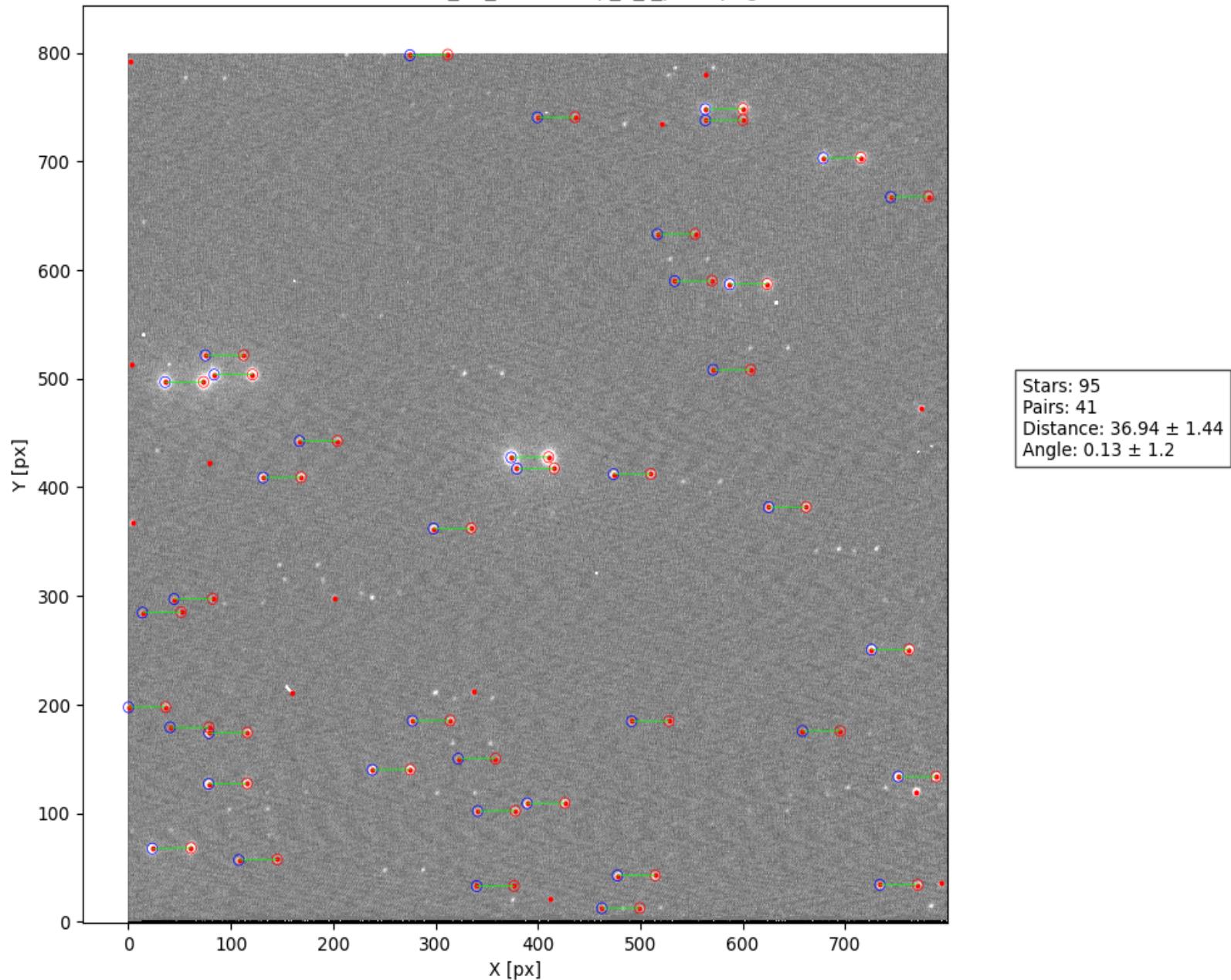


Aligned Image noche1\_20230720\_organize/BD+384058/JohnsonV/caf-20230720-21\_41\_28-sci-blap\_b\_f.fits

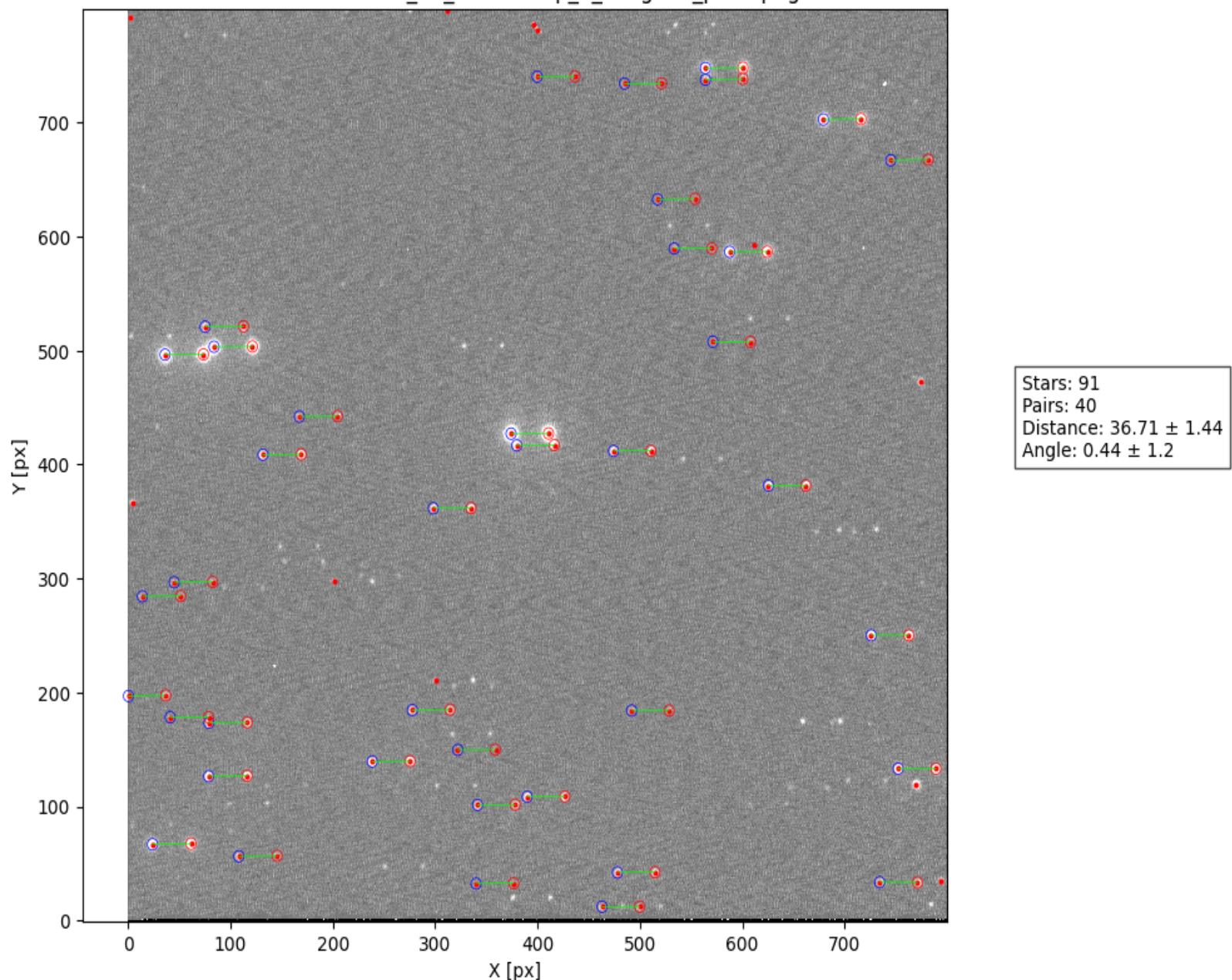


### 3. Imágenes con pares identificados

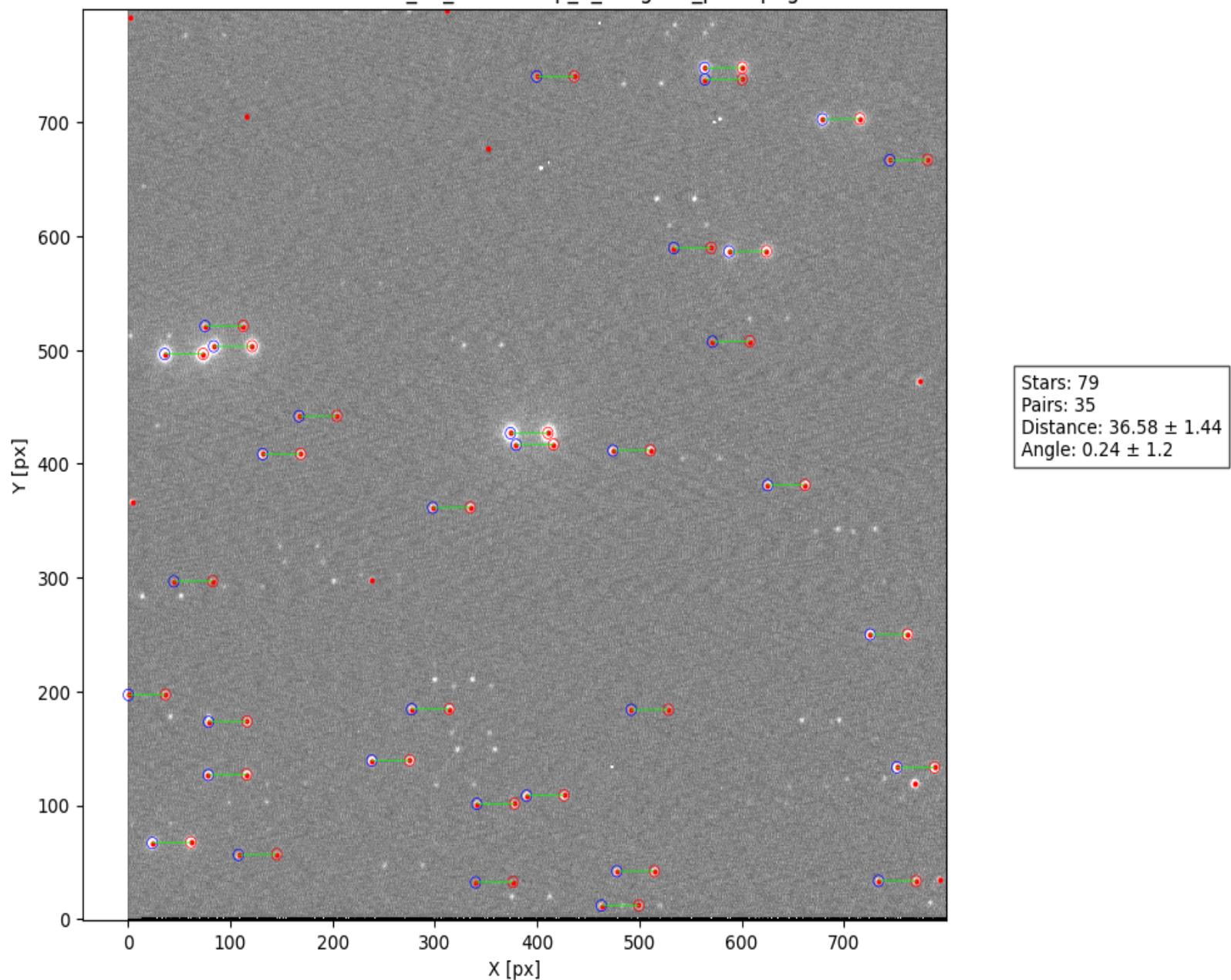
caf-20230720-21\_39\_10-sci-blap\_b\_f\_pairs.png



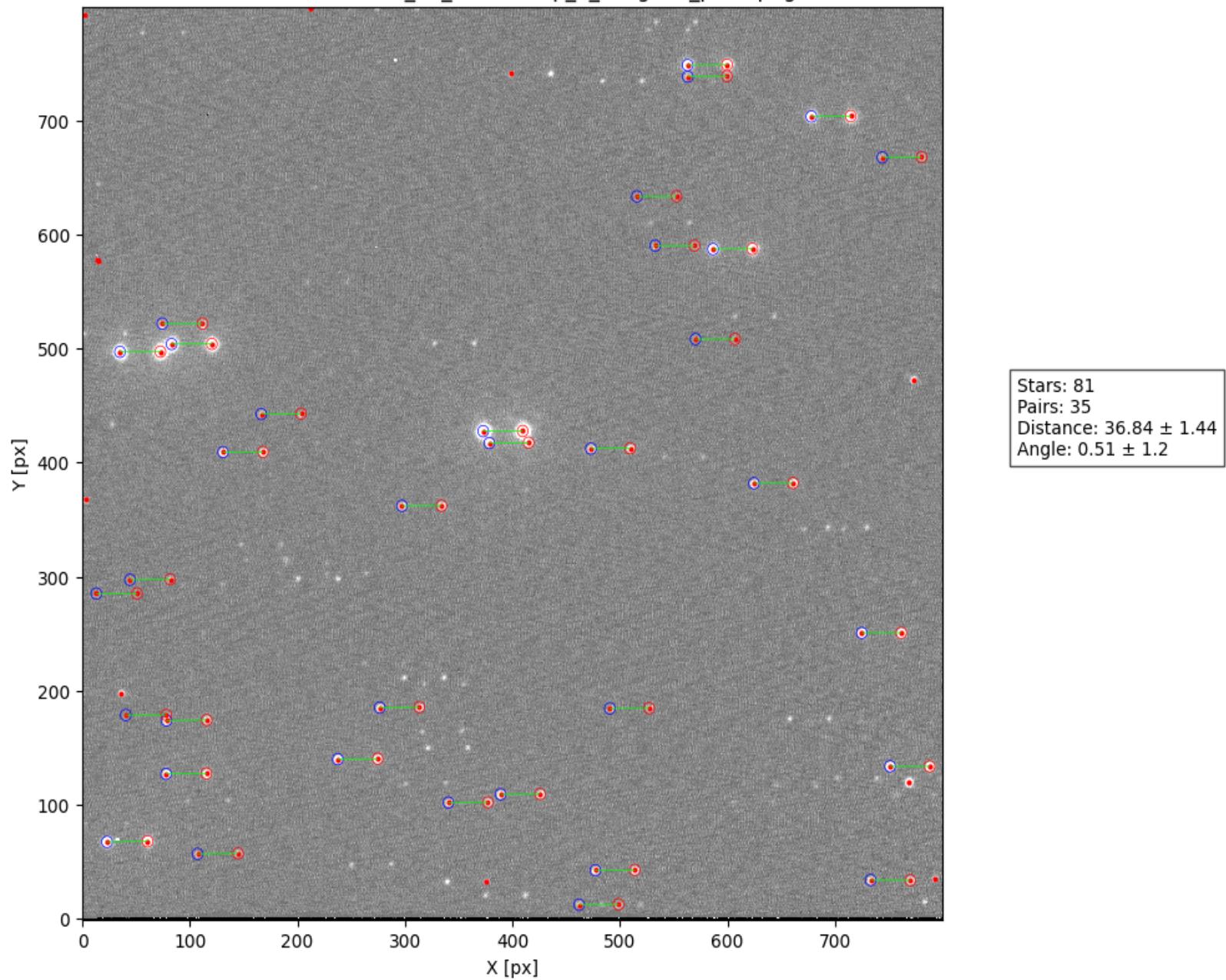
caf-20230720-21\_39\_56-sci-blap\_b\_f-aligned\_pairs.png



caf-20230720-21\_40\_42-sci-blap\_b\_f-aligned\_pairs.png

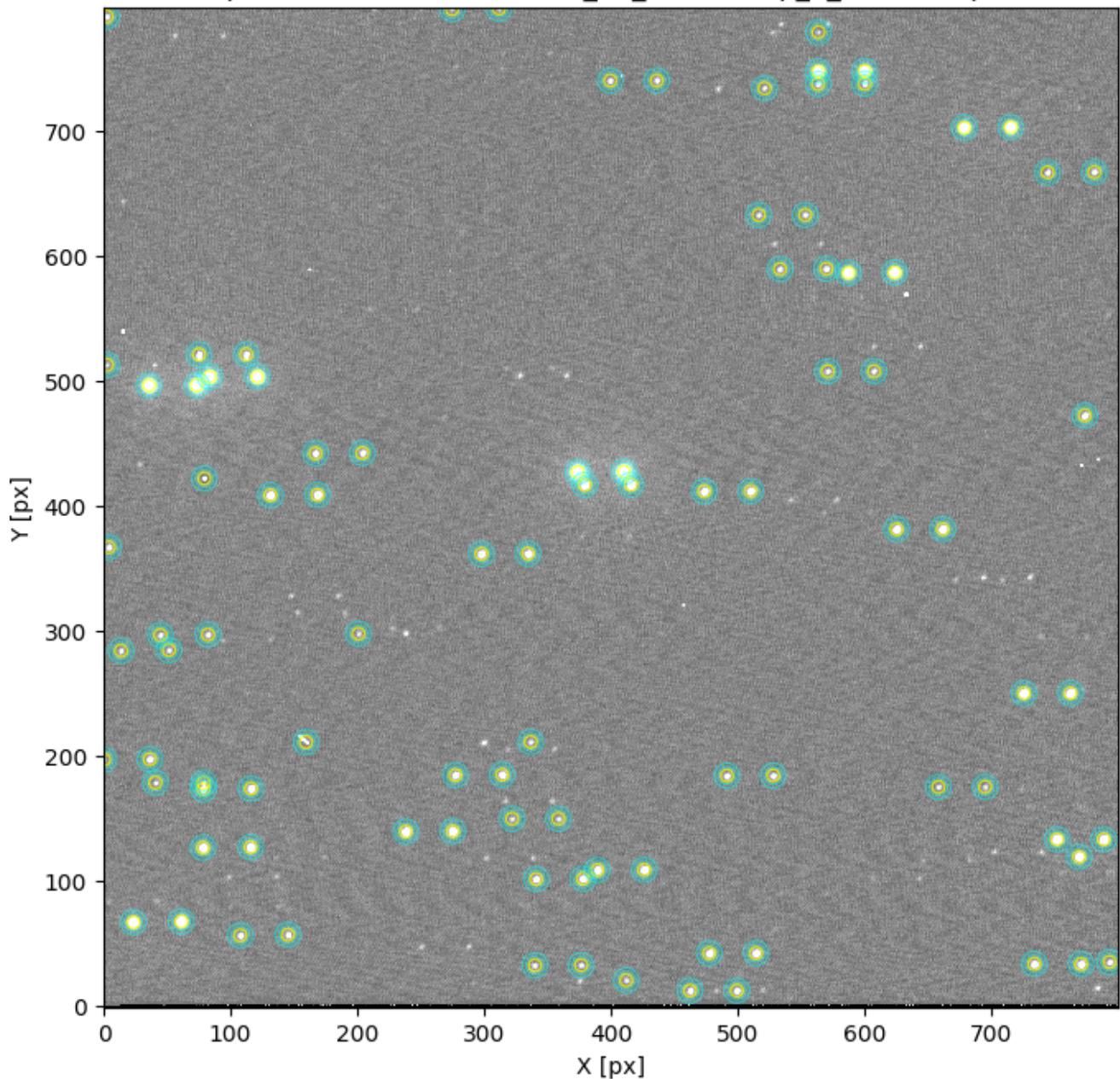


caf-20230720-21\_41\_28-sci-blap\_b\_f-aligned\_pairs.png

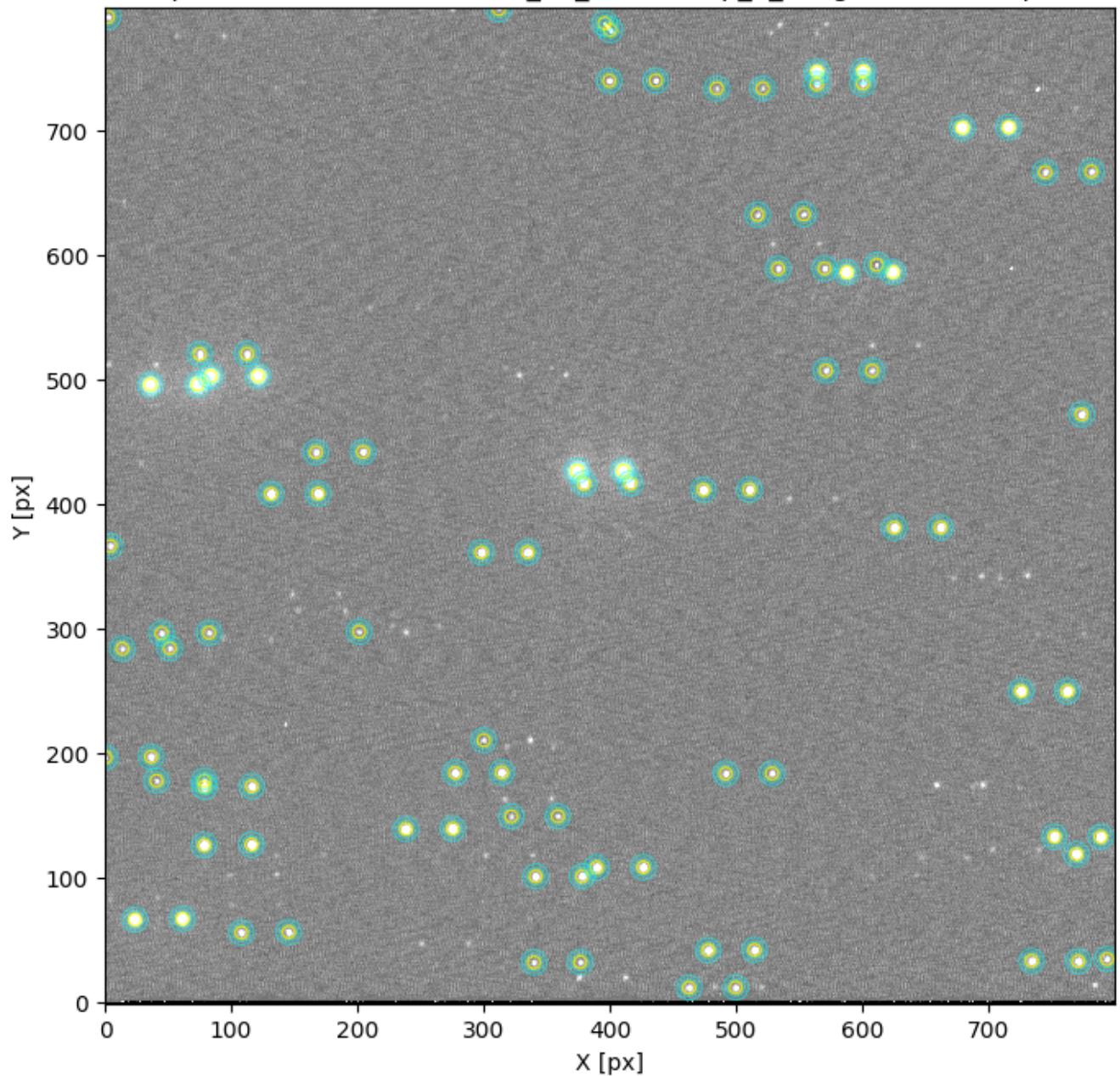


## 4. Fotometría — Aperturas

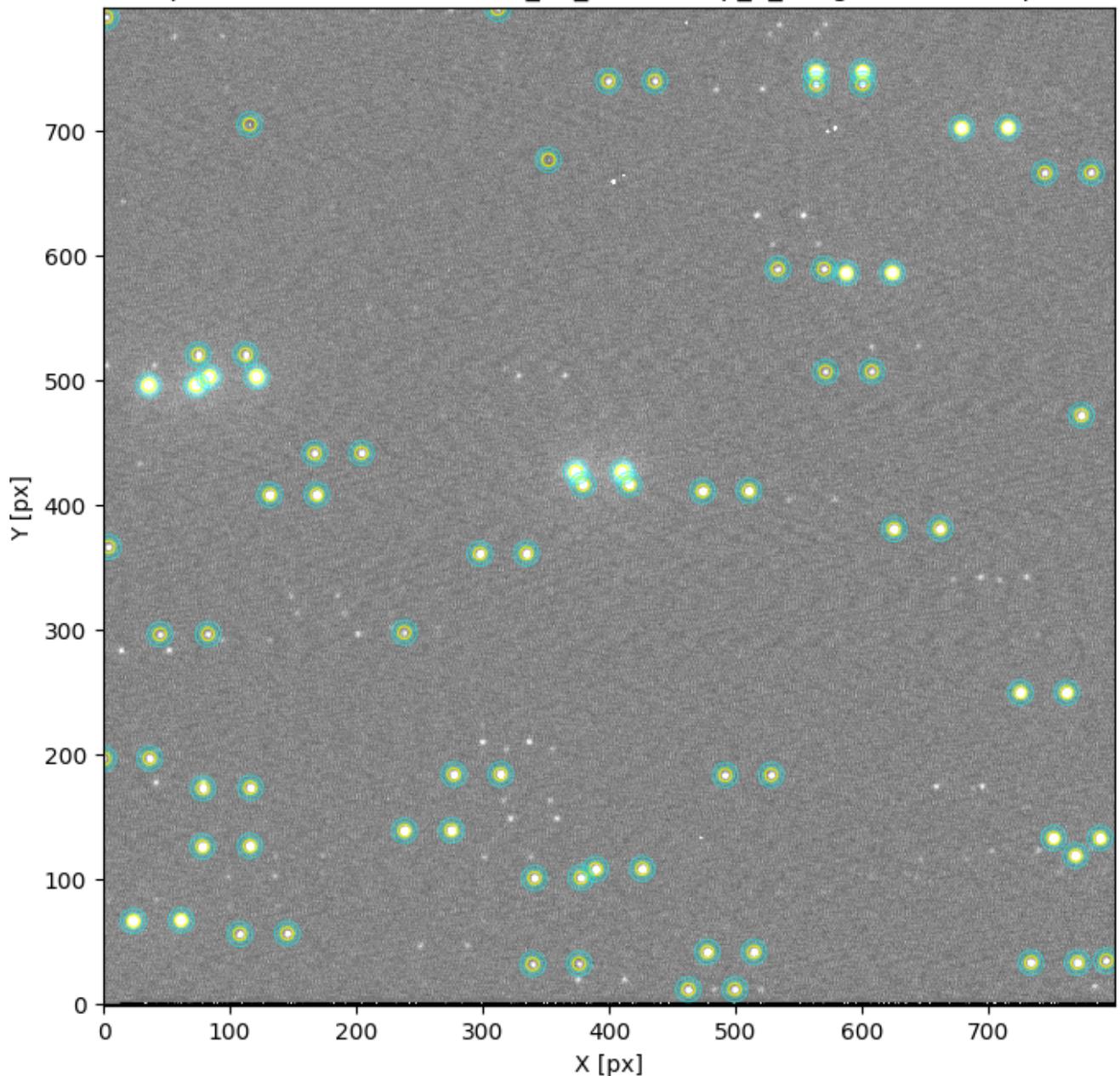
Apertures caf-20230720-21\_39\_10-sci-blap\_b\_f.fits ( $r=5\text{px}$ )



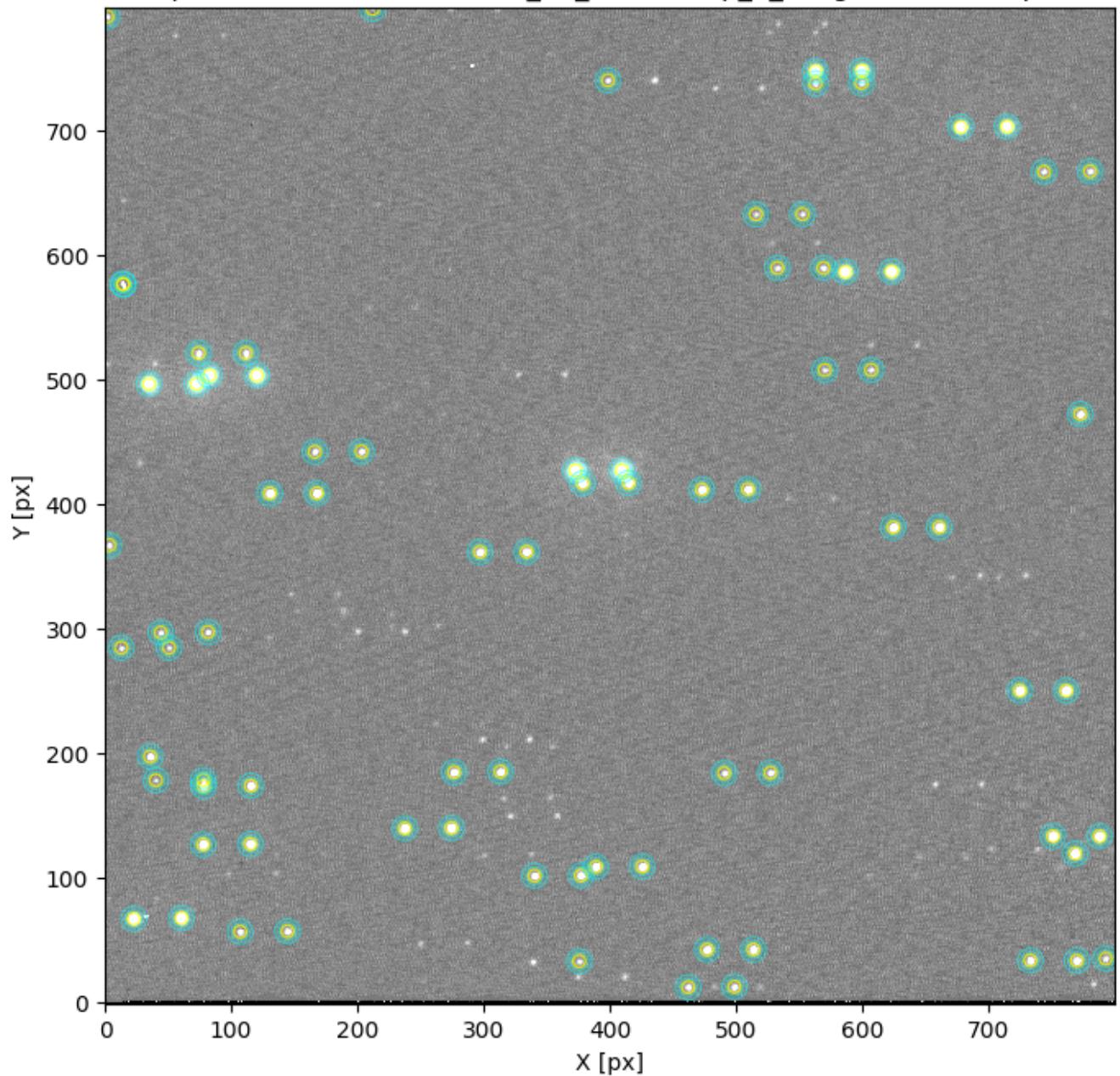
Apertures caf-20230720-21\_39\_56-sci-blap\_b\_f-aligned.fits (r=5px)



Apertures caf-20230720-21\_40\_42-sci-blap\_b\_f-aligned.fits (r=5px)

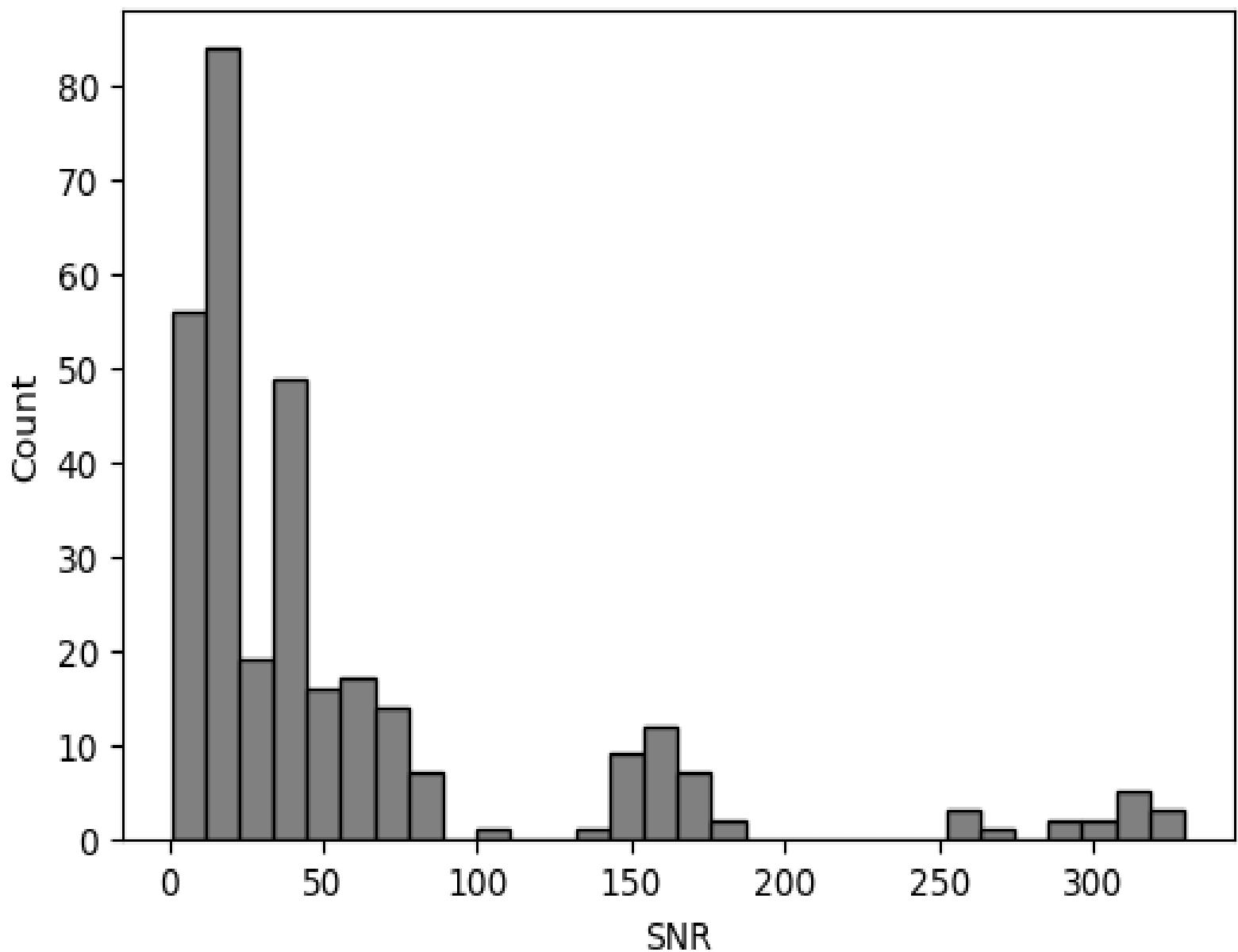


Apertures caf-20230720-21\_41\_28-sci-blap\_b\_f-aligned.fits (r=5px)

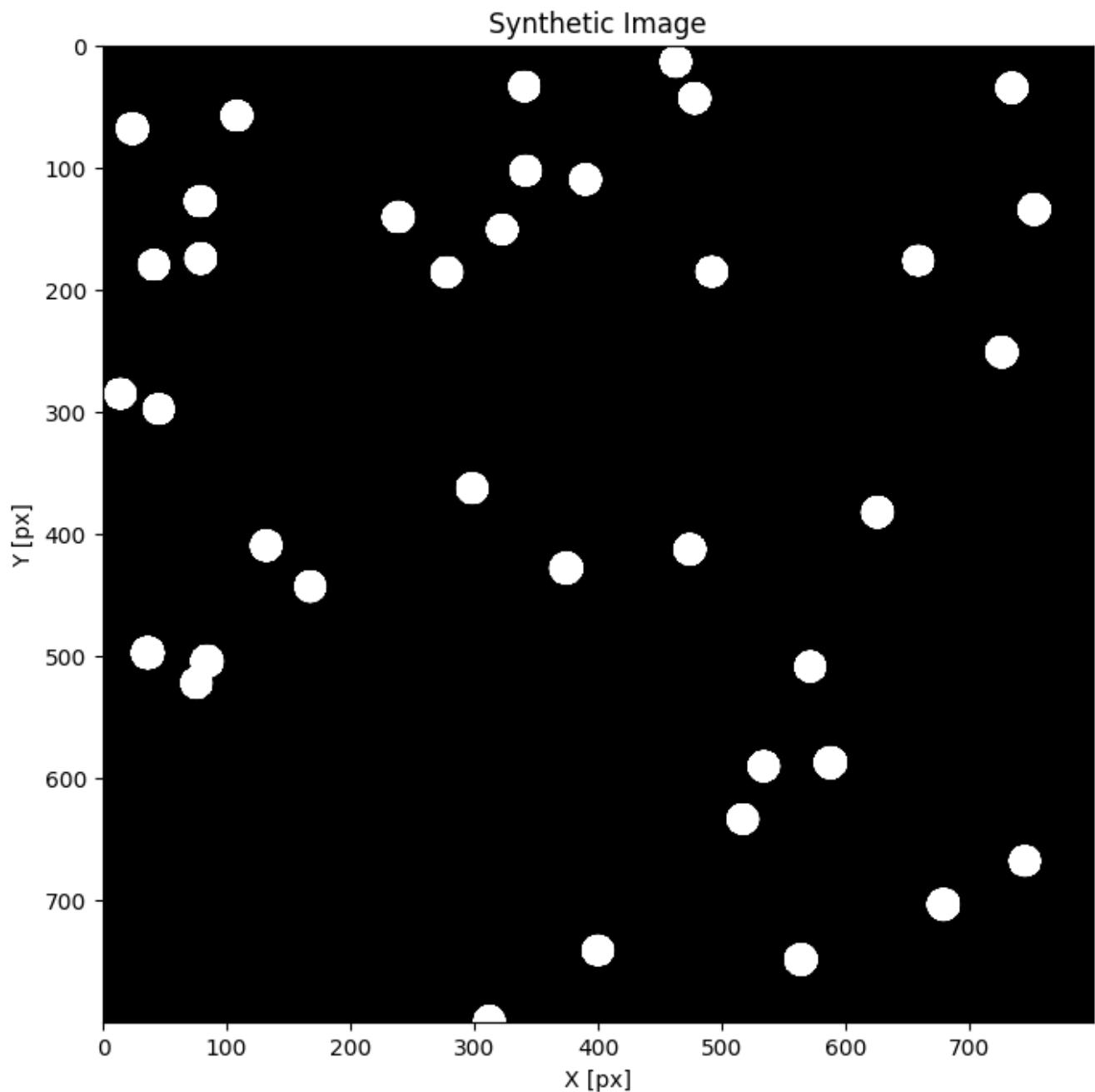


## 4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



## 5. Astrometría — Imagen sintética



## 5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
0	305.790947	39.364464	Gaia DR2 2061240537203705728	EmLine*
1	305.794036	39.346551	ZTF J202312.09+392026.0	EclBin
2	305.796663	39.403941	NVSS J202309+392352	Radio
3	305.796684	39.366527	Gaia DR2 2061240537203703424	EmLine*
4	305.797206	39.312636	ZTF J202309.36+391845.5	RSCVnV*
5	305.798717	39.300314	TYC 3152-333-1	Star
6	305.807041	39.346361	ZTF J202312.09+392026.0	EclBin
7	305.808686	39.353364	No_ID	
8	305.810240	39.308004	Gaia DR2 2061239403332307840	EmLine*
9	305.815560	39.406111	Gaia DR2 2061428721185185792	EmLine*
10	305.813590	39.331202	Gaia DR2 2061240227966040448	EmLine*
11	305.816021	39.343368	No_ID	
12	305.819058	39.307801	Gaia DR2 2061239403332307840	EmLine*
13	305.822871	39.392259	2MASS J20231719+3923587	YSO_Candidate
14	305.819826	39.302267	Gaia DR2 2061239403332307840	EmLine*
15	305.823539	39.367880	Gaia DR2 2061240571563430912	EmLine*
16	305.822329	39.336679	Gaia DR2 2061240227966040448	EmLine*
18	305.837448	39.401757	No_ID	
19	305.839544	39.297793	No_ID	
20	305.842083	39.302238	No_ID	
21	305.855819	39.338798	No_ID	
22	305.861576	39.386484	No_ID	
23	305.863676	39.314315	No_ID	
24	305.866362	39.364200	ZTF J202327.47+392137.8	EclBin
26	305.868632	39.349549	BD+38 4058	EclBin
27	305.870212	39.319323	No_ID	
28	305.879685	39.299927	HD 229205	Star
29	305.881260	39.306871	TYC 3152-143-1	Star
30	305.885126	39.377950	No_ID	
31	305.884573	39.305533	TYC 3152-143-1	Star
32	305.900117	39.379962	TYC 3156-168-1	Star
33	305.900329	39.372075	TYC 3156-168-1	Star
34	305.908396	39.369402	No_ID	

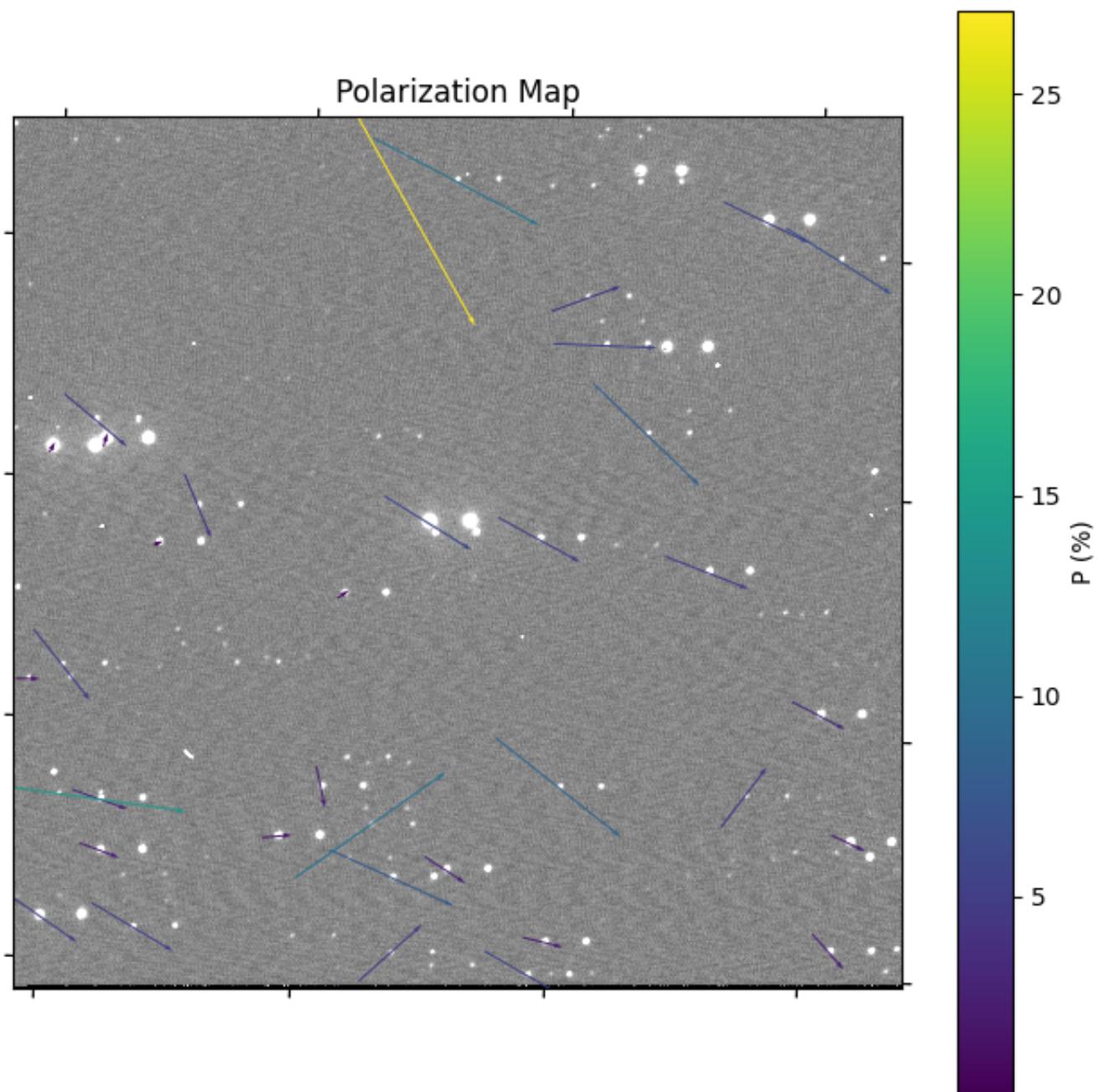
35	305.916372	39.402572	Kiso J202340.73+392354.7	EllipVar
36	305.922702	39.392778	TYC 3156-101-1	Star
38	305.927982	39.351768	No_ID	
39	305.930474	39.375715	TYC 3156-117-1	Star
40	305.938323	39.338673	Kiso J202343.09+392002.4	EclBin

## 6. Polarimetría — Tabla de parámetros

Par	q (%)	u (%)	P (%)	$\theta$ ( $^{\circ}$ )	Error (%)
0	2.65	-4.72	5.41	-30.35	0.01
1	0.45	4.72	4.74	42.26	0.01
2	-0.38	-2.69	2.72	-49.07	0.01
3	2.04	-1.07	2.31	-13.82	0.01
4	2.47	-4.74	5.35	-31.26	0.01
5	1.79	-5.01	5.32	-35.17	0.00
6	4.94	-5.81	7.63	-24.81	0.01
7	1.06	-2.56	2.77	-33.72	0.01
8	1.76	-1.59	2.37	-21.07	0.00
9	1.31	-1.68	2.13	-26.08	0.00
10	1.66	0.30	1.69	5.08	0.00
11	3.36	9.83	10.39	35.56	0.01
12	2.53	-2.12	3.30	-20.00	0.01
13	-1.22	4.14	4.32	53.19	0.01
14	14.00	-4.01	14.56	-8.00	0.01
15	1.89	-8.80	9.01	-38.94	0.01
16	-2.25	-0.94	2.44	-78.60	0.01
18	1.90	-2.80	3.38	-27.94	0.00
19	1.37	-0.02	1.37	-0.48	0.01
20	-1.26	-4.96	5.12	-52.11	0.01
21	0.25	0.72	0.77	35.43	0.01
22	3.64	-3.44	5.01	-21.71	0.00
23	0.41	0.39	0.56	21.80	0.00
24	2.77	-4.46	5.24	-29.09	0.01
26	2.51	-5.27	5.84	-32.28	0.00
27	-2.82	-2.74	3.93	-67.88	0.01
28	-0.38	0.54	0.66	62.50	0.00
29	-0.67	0.44	0.80	73.39	0.00
30	0.17	-8.34	8.34	-44.41	0.01
31	0.69	-4.56	4.61	-40.69	0.01
32	0.06	-0.07	0.09	-25.29	0.00
33	5.78	-0.47	5.80	-2.34	0.01
34	3.14	2.70	4.14	20.36	0.01

35	2.92	-6.36	7.00	-32.69	0.01
36	3.31	-4.22	5.36	-25.95	0.00
38	5.83	-8.79	10.55	-28.22	0.01
39	0.06	0.12	0.13	31.46	0.00
40	-14.50	-22.87	27.08	-61.19	0.02

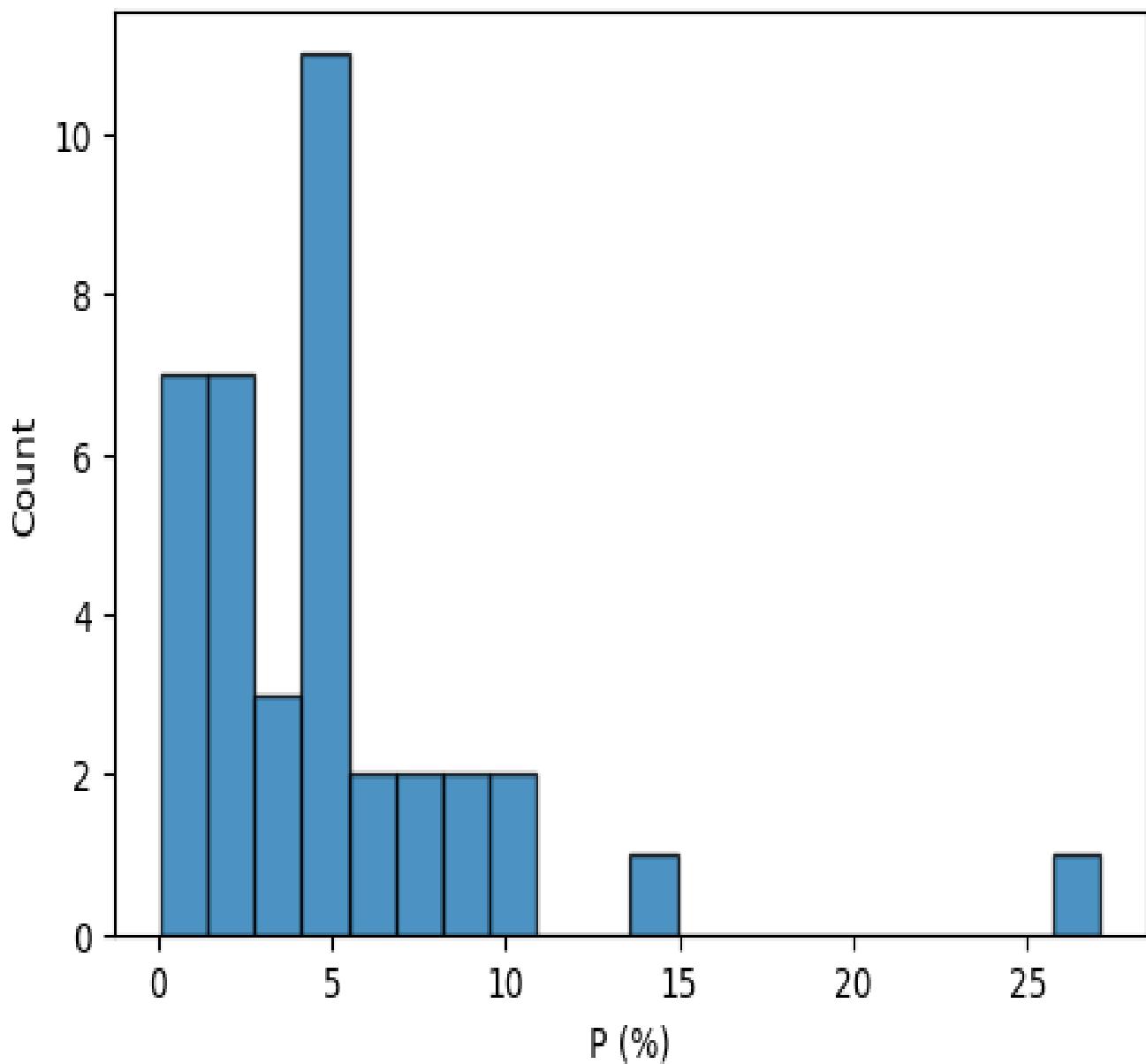
## 6. Polarimetría — Mapa de polarización





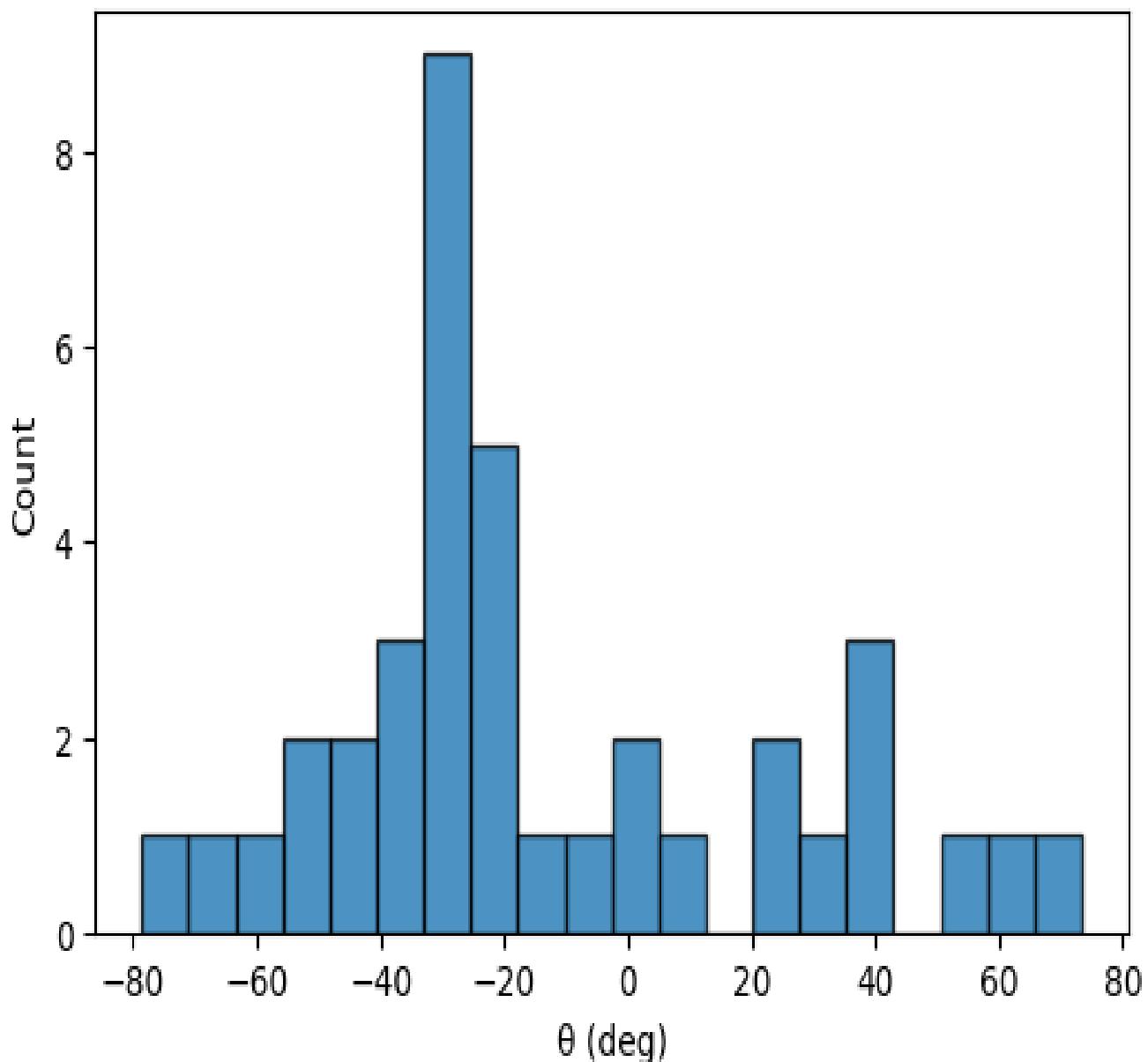
## 6. Polarimetría — Histograma de P

Histogram of Polarization Degree



## 6. Polarimetría — Histograma de $\theta$

Histogram of Polarization Angle



## 6. Polarimetría — Diagrama Q–U

