



Analyse of the template set

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The current set of templates

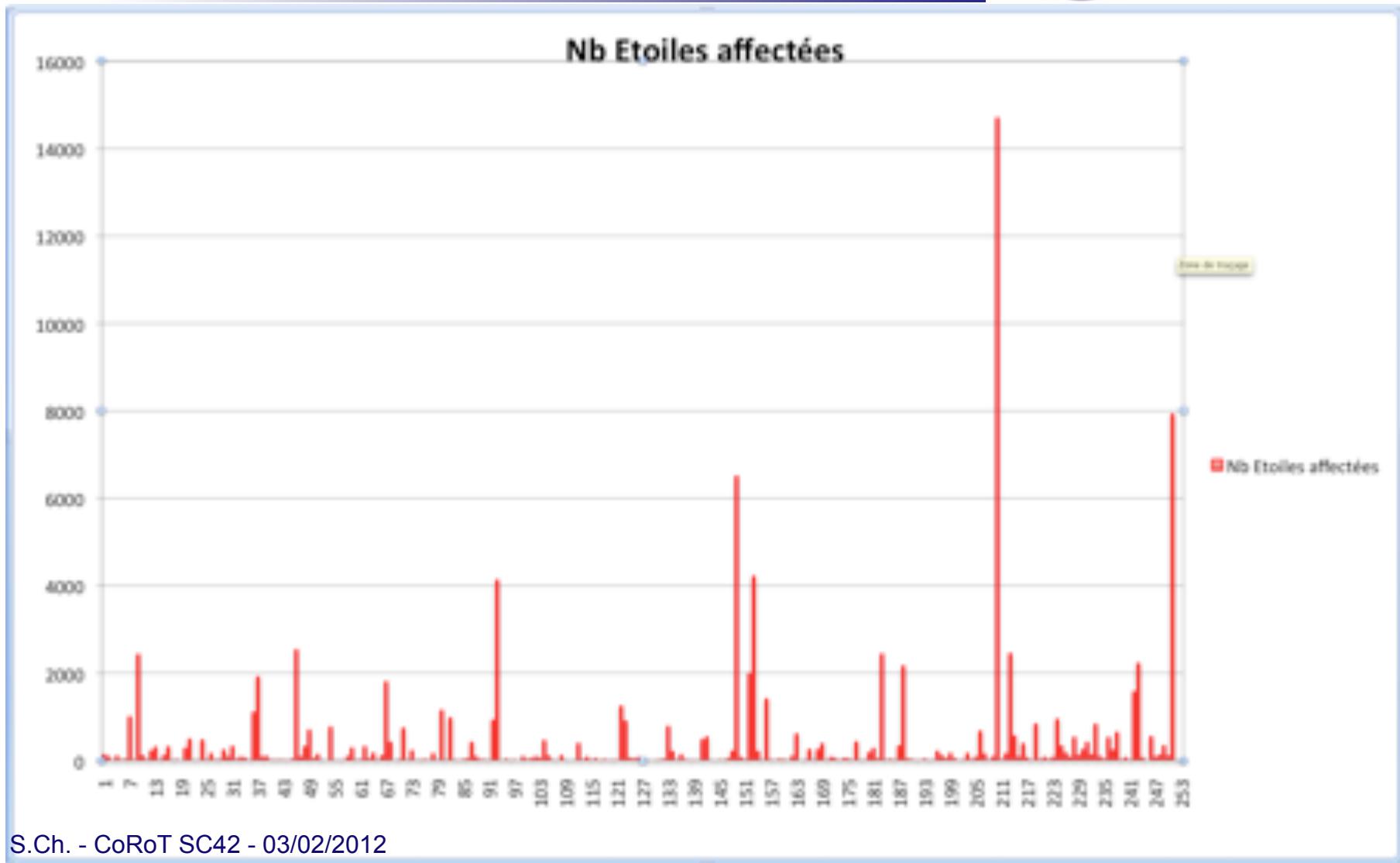


- 256 templates
 - 253 patterns for stars
 - 3 special patterns : offset, background, imagette
 - One single imagette : currently 10*15 pixels, the maximal size
- Uploaded at the beginning of each run
- Sets of templates
 - From IRa01 to LRc01 : first set based on theoretical PSF
 - From LRa01 to now : set of templates based on PSF computed on the images of the first run

Current collection of masks
(affected masks for LRa06 - pink are unused)

	0	88	122	2	0	33	5	7	29	1	543	0	0	60	0	196
240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	
21	10	3	27	1	8	27	6	54	1	0	14	17	41	2	2	A
224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	
7	886	2	12	184	37	5	25	0	38	0	1	1	1	6	70	
208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	
4	0	0	17	7	3	12	2	0	1	7	1	2	61	3	1	
192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	
3	0	0	5	10	2	115	0	0	18	107	1	0	0	0	0	
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	
0	1	28	0	0	16	0	5	28	1	4	6	0	2	1	1	
160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	
0	0	1	12	341	7	1	161	235	7	0	81	0	0	0	0	
144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	
0	0	1	1	47	10	0	9	0	0	0	28	31	0	0	0	
128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	
1	2	0	2	0	2	0	1	0	73	40	1	3	1	0	0	
112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	
1	0	8	2	3	8	4	31	10	0	0	7	0	0	0	30	
96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	
1	33	2	0	0	1	50	3	1	2	0	75	232	0	0	0	
80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	
0	2	76	31	0	2	73	0	17	0	0	1	3	0	0	89	
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	
41	0	9	2	0	38	1	0	0	3	7	0	1	24	2	15	
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	
13	0	0	79	94	1	7	0	0	1	0	4	170	2	16	16	
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	
0	1	0	13	27	0	42	1	11	0	1	22	2	16	4	4	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
10	2	0	8	1	6	68	1	166	5	1	20	23	0	8	25	
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	

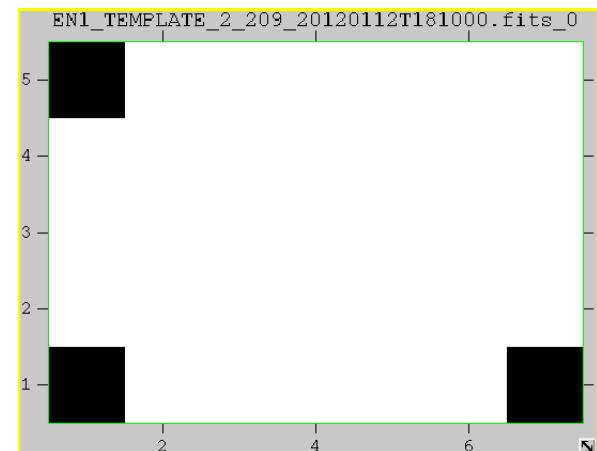
Statistics on the set of templates used from LRa01 til now



Statistics on the set of templates used from LRa01 til now



- 19 runs , from LRa01 to SRa05, CCD E2, 100 682 windows, 94 883 stars
- 13 patterns have never been used
- 103 were used at most once a run
- 183 masks were used 10 fois par run ou moins
- Half of the windows used 9 patterns
- One pattern (size 5*7) is used nearly 15000 times



Usage of the mask 209 according to the magnitude of the stars

