Analyse of the template set
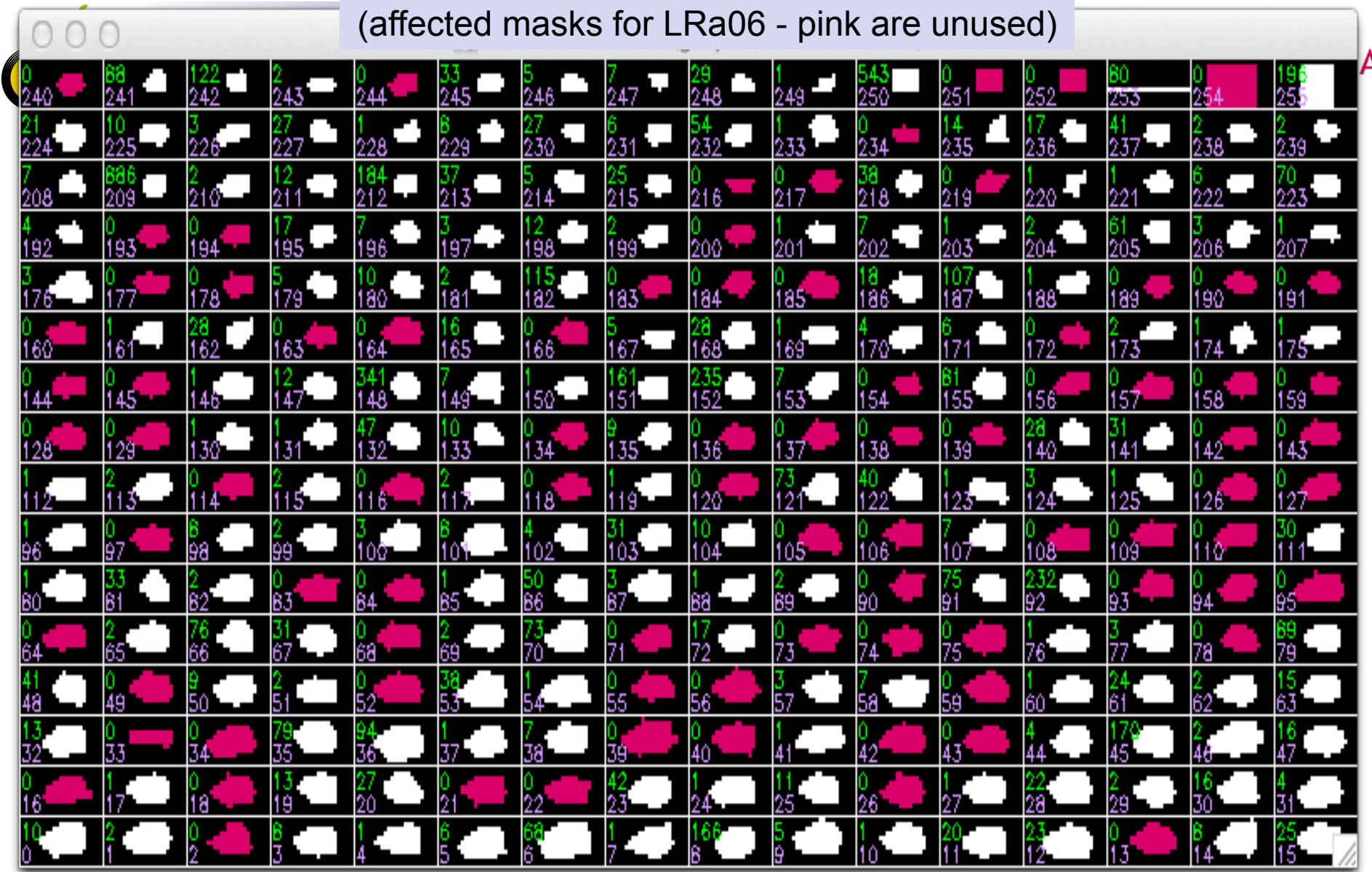
Sylviane Chaintreuil

The current set of templates
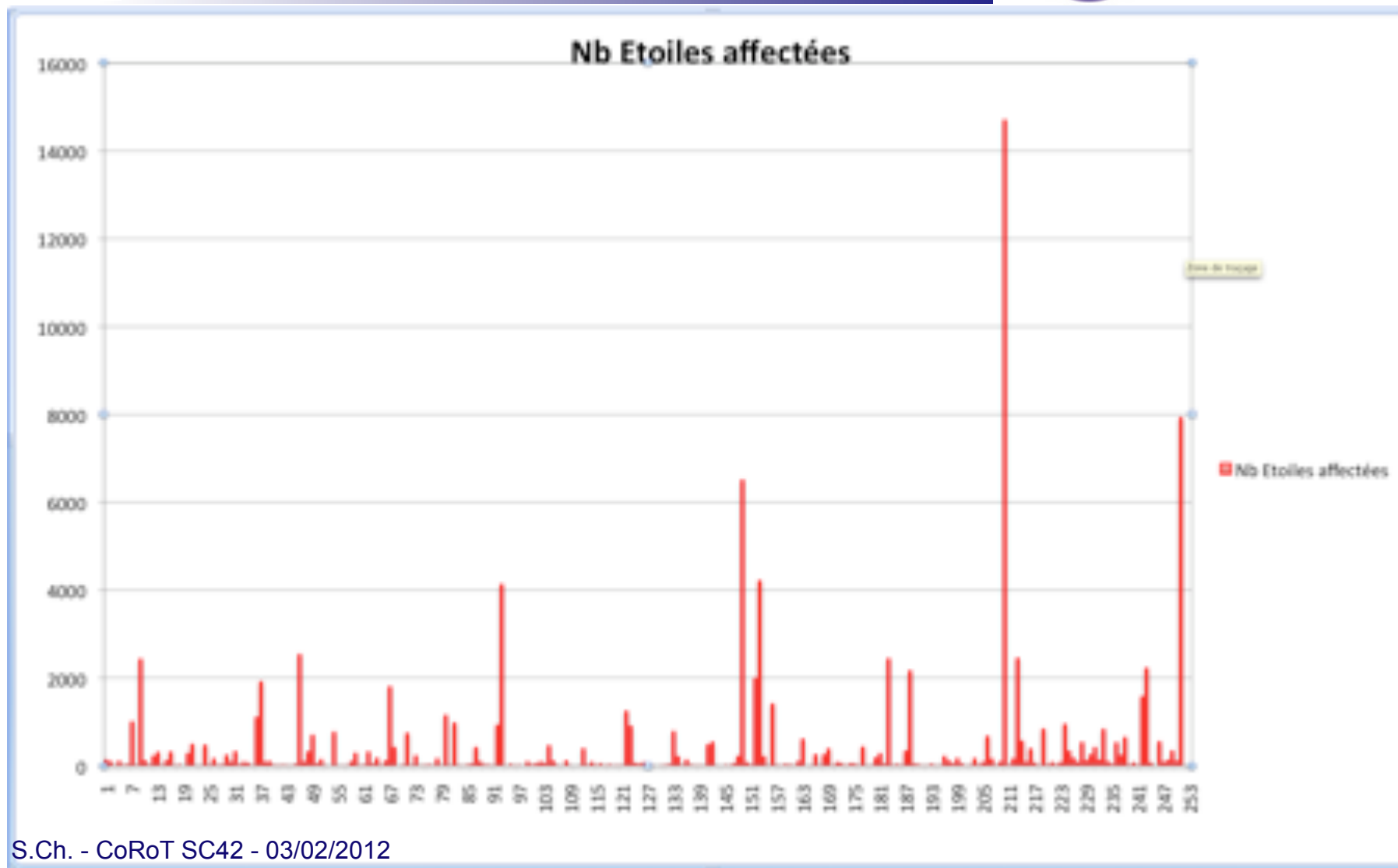
- ## 256 templates
  - – 253 patterns for stars
  - – 3 special patterns : offset, background, imagette
    - • One single imagette : currently 10*15 pixels, the maximal size

- ## 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
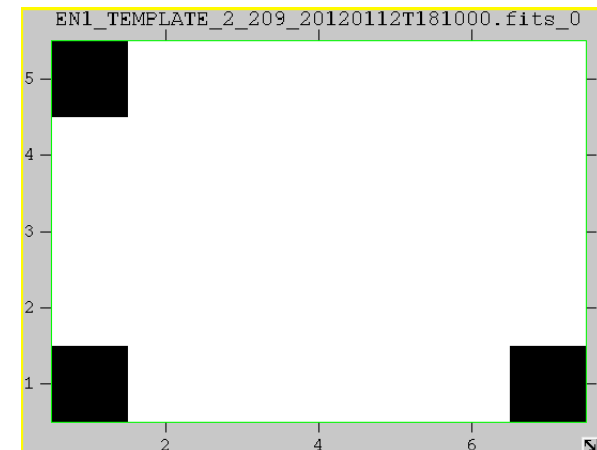(affected masks for LRa06 - pink are unused)

S.Ch. - CoRoT SC42 - 03/02/2012

Statistics on the set of templates used from LRa01 til now

Nb Etoiles affectées

S.Ch. - CoRoT SC42 - 03/02/2012

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

EN1_TEMPLATE_2_209_20120112T181000.fits_0

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

Patron 209 - Affectation en fonction de la magnitude