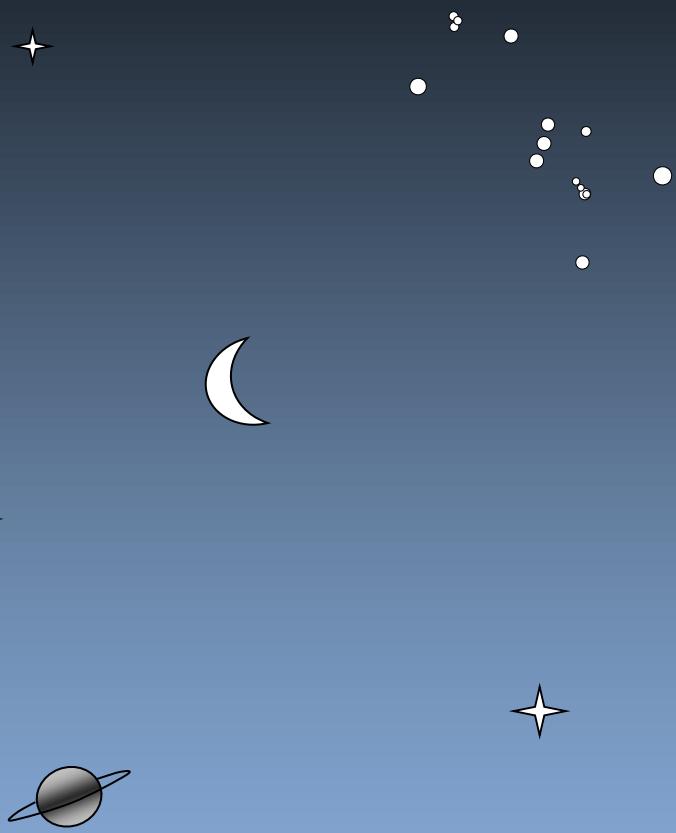
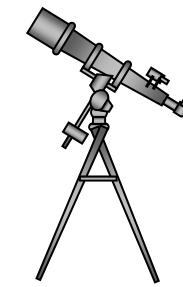


3.1.4 STRUKTUR DES UNIVERSUMS



**ASTRONOMIE
WAHLFACH**



SUPERNOVAE Ia



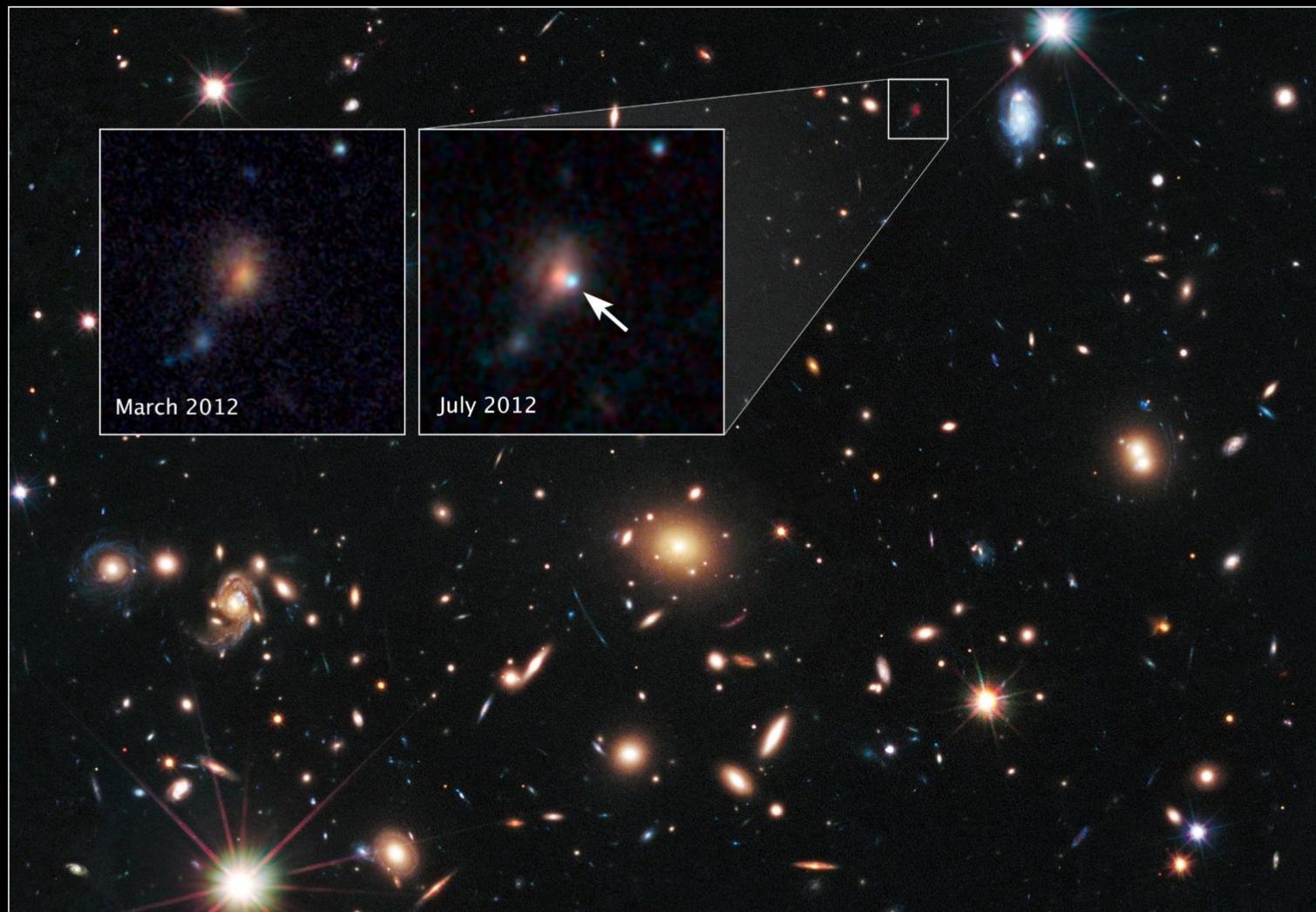
Supernova 2012Z in Spiral Galaxy NGC 1309
Hubble Space Telescope ■ ACS ■ WFC3

NASA and ESA

STScI-PRC14-32a

NGC 1309
28 Mpc

Bild: „Supernova 2012Z in spiral galaxy NGC 1309, annotated“ von NASA, ESA, C. McCully and S. Jha (Rutgers University), R. Foley (University of Illinois), and Z. Levay (STScI). Acknowledgment: Hubble Heritage Team (STScI/AURA), and A. Riess (JHU/STScI) via https://commons.wikimedia.org/wiki/File:Supernova_2012Z_in_spiral_galaxy_NGC_1309_annotation.jpg [CC BY 4.0]



Galaxy Cluster MACS J1720+35 ■ Supernova SCP/SN-L2
Hubble Space Telescope ■ ACS/WFC WFC3/IR

NASA and ESA

STScI-PRC14-21a

NGC 1309
780 Mpc

Bild: „Galaxy Cluster MACS J1720+35“ von NASA, ESA, S. Perlmutter (UC Berkeley, LBNL), A. Koekemoer (STScI), M. Postman (STScI), A. Riess (STScI/JHU), J. Nordin (LBNL, UC Berkeley), D. Rubin (Florida State), and C. McCully (Rutgers University) via <https://esahubble.org/images/heic1409b/> [CC BY 4.0]