

Eta Carinae and Homunculus:
 10 to 30 M_{\odot} ejected in 1840s and 1890s
 N, He overabundant, C, O 1/80th solar.
 Homunculus(outer)

inner skin ionized metals 760K
 (Fe II, Cr II, Ni II, Sr II, V II, Sc II)
 outer shell: molecules @60K
 CH, OH, CH⁺, NH, HCl
 No CO detected

H₂ ~1000 abs lines 1300-1700A

Little Homunculus (inner)

T=6400K -> 5000K (spect min)

5.5 year period with 3 month min Jan-Mar 2009

