

Elucidation of the Phoenicids Outburst in 1956 by the Dust Trail Theory

MIKIYA SATO¹, TOSHIHIRO KASUGA², JUN-ICHI WATANABE²

¹*NMS*

²*NAOJ*

Our group investigated the outburst of the Phoenicids in 1956 with the dust trail theory by using a newly linked orbit from the asteroid 2003 WY25 and comet D/1819 W1 (Blanpain) as parent body. We report that a bundle of the trails formed from the late 18th through the early 19th centuries brought the outburst. And we present the precious observation not known in 1956, by the Japanese, I show the correspondence of the theory to this observation.