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TABLE 5.—*Super-Schmidt shower-meteors: basic values and relative density of each shower.*

Shower	no.	$\log v \pm$S.d.	$\log \tau_p/\rho_m^2 \pm$S.d.	$\epsilon_\infty \pm$S.d.	$\Delta_p \pm$S.d.	$\rho_{sh}/\rho_{sp} \pm$s.d.	Q
Geminids	20	6.556±0.001	−12.357±0.161	−0.06±0.14	−1.20±0.23	4.0 ±1	2.6
Southern Taurids	18	6.455±0.006	−11.137±0.079	−0.42±0.10	0.12±0.12	0.9 ±0.1	3.5
α-Capricornids	13	6.400±0.009	−10.733±0.167	−0.55±0.13	0.58±0.22	0.5 ±0.1	5.3
δ-Aquarids	10	6.624±0.003	−11.106±0.176	−0.59±0.11	−0.02±0.26	1.0 ±0.3	5.5
Quadrantids	9	6.630±0.002	−10.700±0.184	−0.62±0.09	0.38±0.27	0.65±0.2	5.2
Perseids	9	6.778±0.001	−11.099±0.125	0.31±0.21	−0.17±0.24	1.2 ±0.3	45
Orionids	8	6.831±0.003	−10.428±0.217	−0.09±0.10	0.45±0.35	0.6 ±0.2	30
Southern ι-Aquarids	6	6.524±0.014	−11.296±0.133	−0.75±0.12	−0.11±0.19	1.1 ±0.3	4.2
Northern Taurids	5	6.484±0.007	−11.201±0.184	0.08±0.20	0.03±0.23	1.0 ±0.3	4.2
κ-Cygnids	4	6.358±0.008	−10.909±0.170	−0.65±0.05	0.45±0.23	0.6 ±0.2	5
Lyrids	3	6.688±0.010	−11.201±0.281	−0.12±0.12	−0.18±0.38	1.2 ±0.6	55
σ-Hydrids	3	6.771±0.004	−11.181±0.328	−0.28±0.08	−0.24±0.43	1.3 ±0.6	60
Draconids*	2	6.235±0.001	− 6.001±0.327	−0.28±0.03	5.48±0.4	$(2\pm1)\cdot10^{-3}$	5.6
Virginids	2	6.461±0.051	−12.310±0.220	−0.20±0.29	−1.06±0.27	3.5 ±1	5

*NOTE: The fragmentation index χ for these 2 meteors is very large (respectively 1.32 and 2.46), so that the values of $\log \tau_p/\rho_m^2$ and of ρ_{sh}/ρ_{sp} are practically meaningless.

$\Delta_p = (\log \tau_p/\rho_m^2)_{\text{shower}} - (\log \tau_p/\rho_m^2)_{\substack{\text{sporadic, } Q<7 \\ v=v_{\text{shower}}}} = 2 \log \frac{\rho_{sp}}{\rho_{sh}}$.

ρ_{sh}=mean density of the meteoroids of the shower.

ρ_{sp}=mean density of the sporadic meteoroids with $Q<7$.

Q=average aphelion distance in a. u.: from Jacchia (1963) and Whipple and Jacchia (1961).