Carbonaceous   Stony / Silicaceous

1975   C   S   [1]
1976   C*   M   E   [2, 3]
            (1) Ceres   Trojan   (16) Psyche (44) Nysa   Ordinary-chondritic (?)
1977   T   O   [4]
                               (588) Achilles   (149) Medusa   Reddest UBV
1978   RD   Reddish   R   (349) Dembowska   [5]
1979 (ECAS)   and   [6, 12]
1980   dark
1981 $p_V < 0.065$ X —   [7]
1982 (IRAS)   Flat F —   D   pseudo-M   P $S\,^{a}_{i}$ [8, 9]
1983   Bright C   "tentative"   — A (446) Aeternitas [10, 13, 16]
                                                            (1862) Apollo   (4) Vesta
1984   B   G   F   C   D   T   P   M   E   X   S   R   A   V   [11]
        (2) Pallas (1) Ceres (308) Polyxo (87) Sylvia E|M|P - no pV Q
1985 (52CAS)
1986
1987 B^{0}_{123} G0 C0 D^{0}_{123} M0 E0 S^{0}_{123} A0 V0 [14]
1988   K   Between C and S   [15]
                                           (221) Eos
1989   G   F   C   D   T   P   M   E   K   S   A   [17, 18]
            (142) Polana
1990
1991 (SMASSI)   So Sp   [19, 26]
1992   (5145) Pholus   (2442) Corbett [20]
                              Z   (I)
1993 (SMASSII)   Ordinary Chondrite $S^{(I)}_{(VII)}$ — J   [21–23, 28]
                          O   (3628) Boznemcova
1994   B+F BCv Cv Cx D   T   P   M   E   K   S   So Sp   R   A   V [24]
1995   Wet M W — | [25]
           (201) Penelope
1996 ($S^3 OS^2$)   [31]
1997 (2MASS)
1998 (SDSS)   [43]
1999
2000   B   G   C   D   M   E   S   A   V   [27]
2001
2002   B Cg Cgh C Ch Cb D T Xc Xk Xe X Ld K L O Q Sq Sl S Sk Sr Sa R A V [28]
2003
2004   Caa $E^{I}_{II\,III}$ [29, 30]
           Aqueous alteration
2005
2006
2007
2008
2009   B Cg Cgh C Ch Cb D T Xc Xk Xe X K L O Q Sq S Sr Sa Sv R A V [33, 39]
2010 (WISE) C_p D_p Mm X_p $\mathcal{L}_p$ O_p Q_p S_p A_p V_p [34, 35]
                            High radar albedo
2011 (VISTA VHS)   [36]
2012
2013 (Gaia) B   C   D   P M E X K L   S   A   V   [32, 37, 40]
2014 (NEOWISE)
2015   B   C   D   X   L O Q   S   A   V   [38]
2016
2017
2018   Bk Cgx C   Ds   Xt   Kl   S   Ad V   [41]
2019   Xn   [42]
                       (3671) Dionysus
2020
2021
2022   B   C Ch   D   Z P^{k}_{e} M^{k}_{e} E^{k}_{e} X^{k}_{e} K L O Q S   R A V [44]
                       (269) Justitia

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