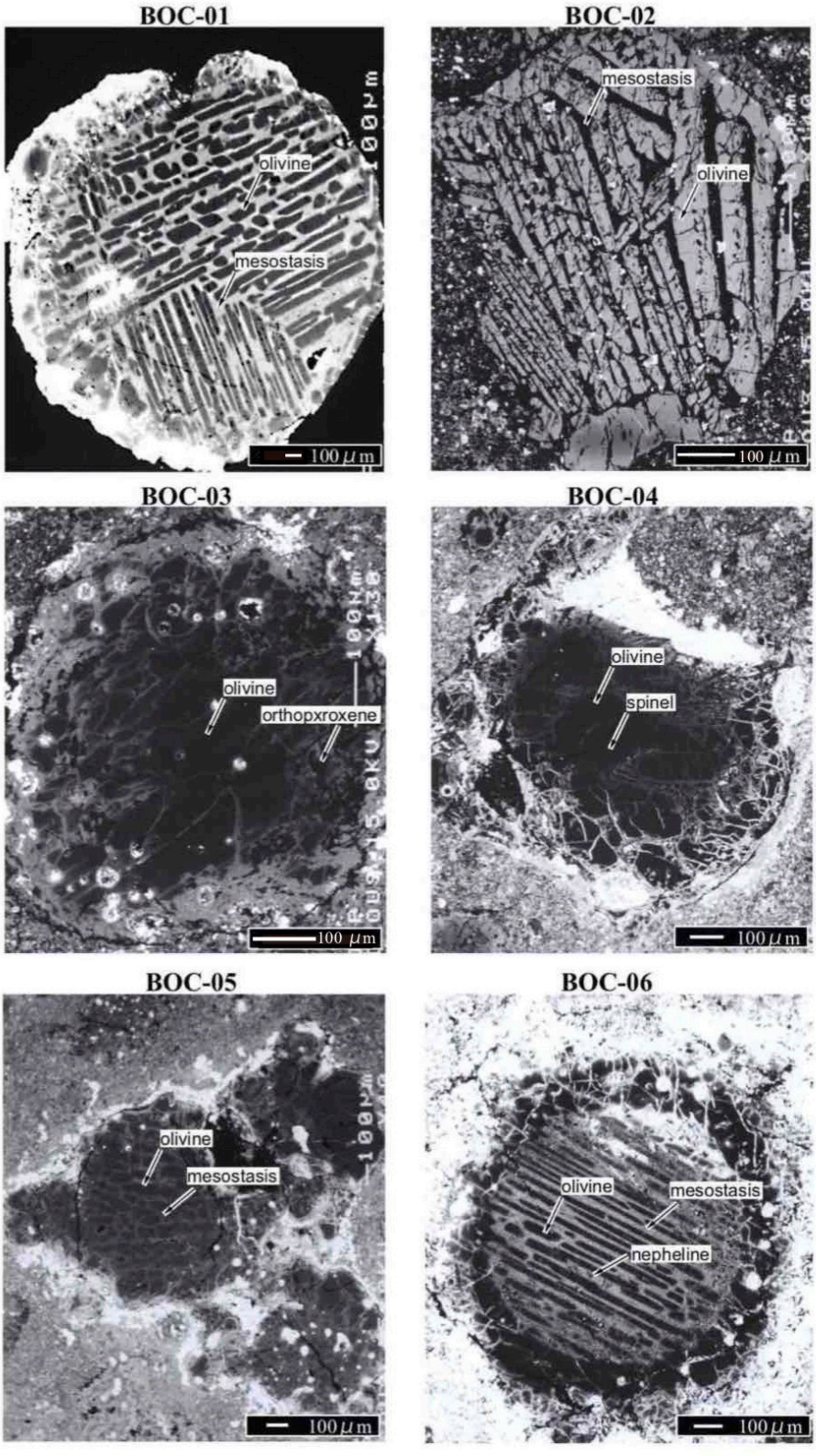
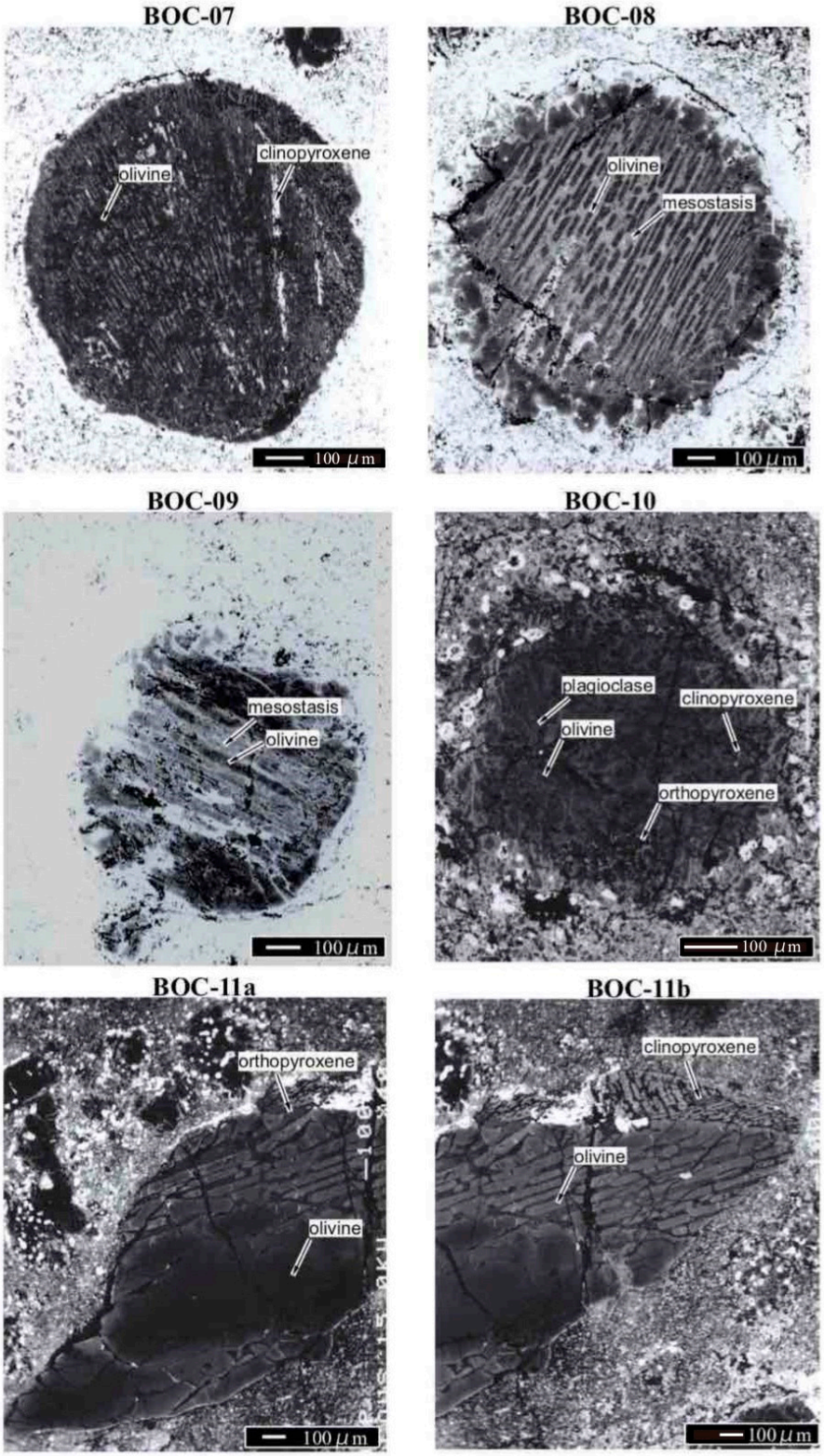
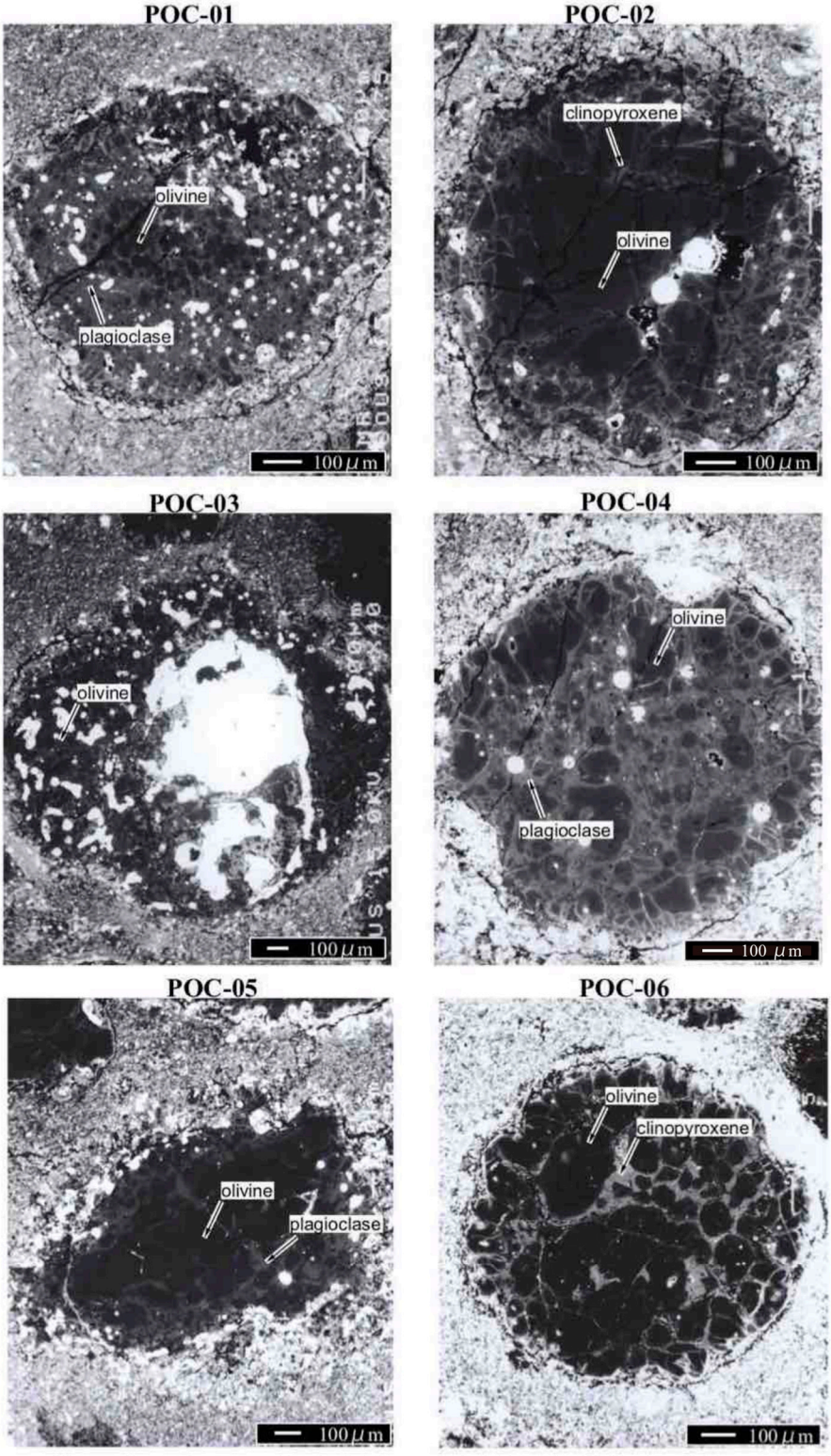
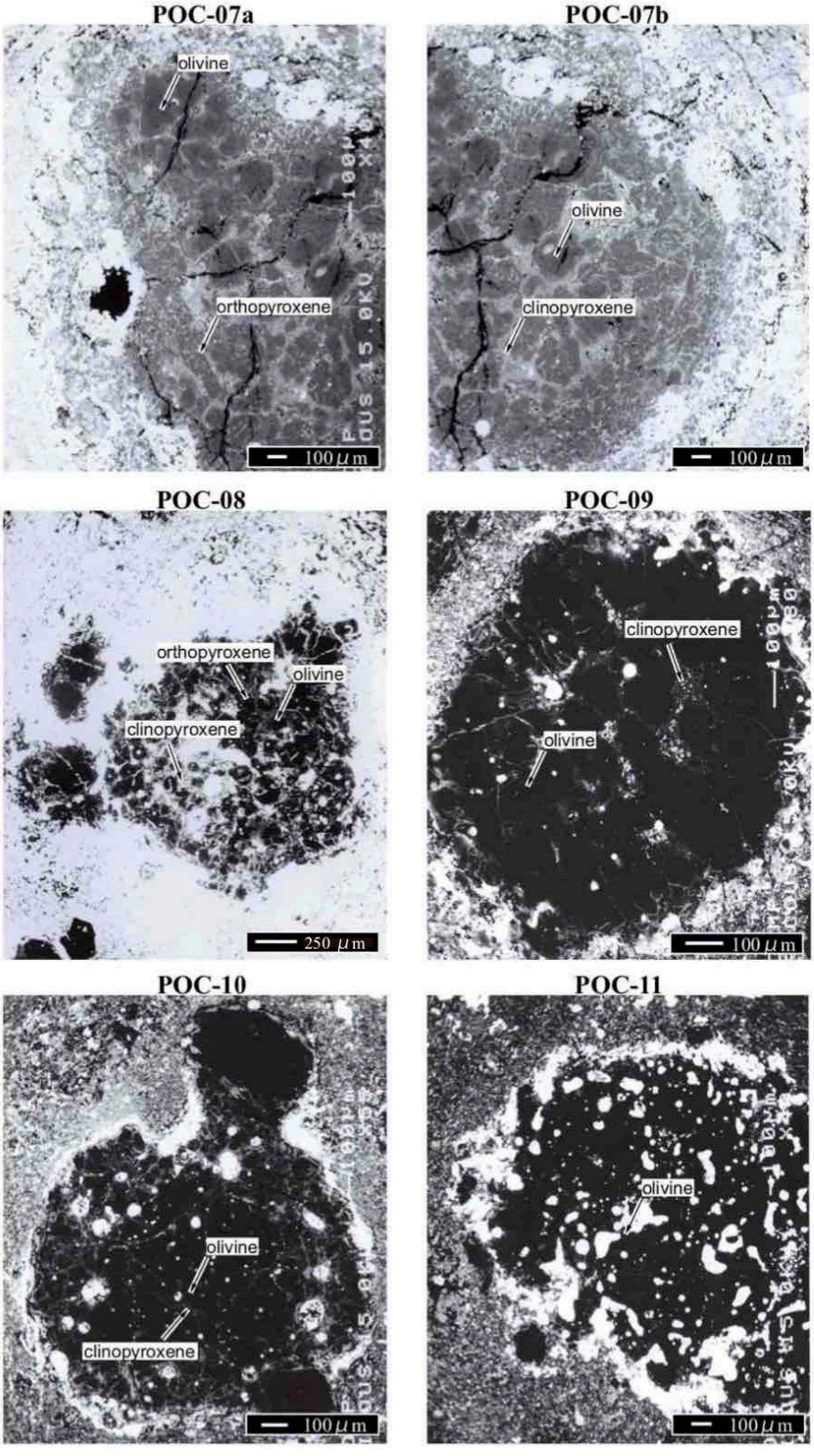
Supplementary Figure S1

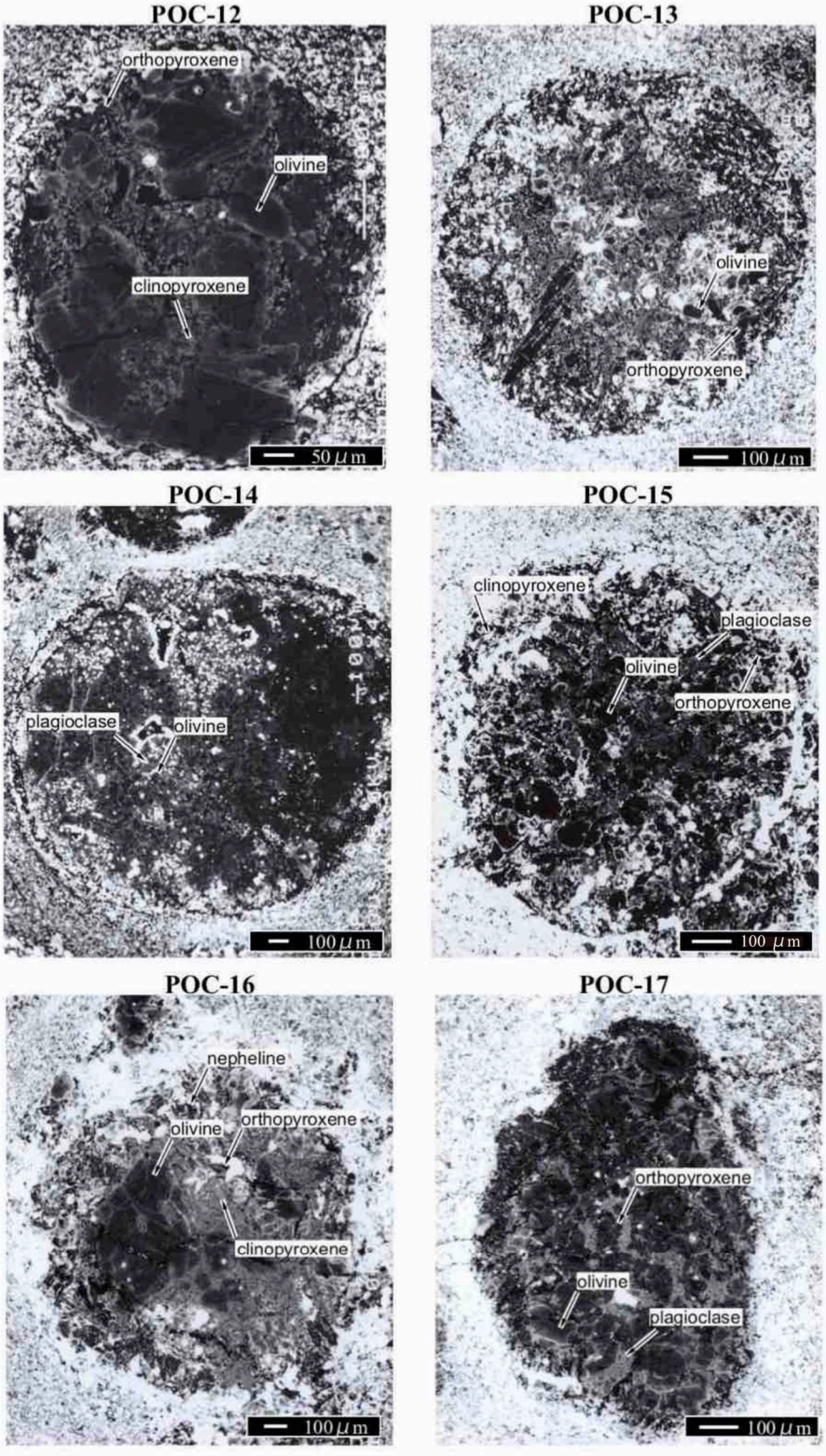
Back-scattered electron (BSE) images of the 37 small fragments of the chondrules and CAIs

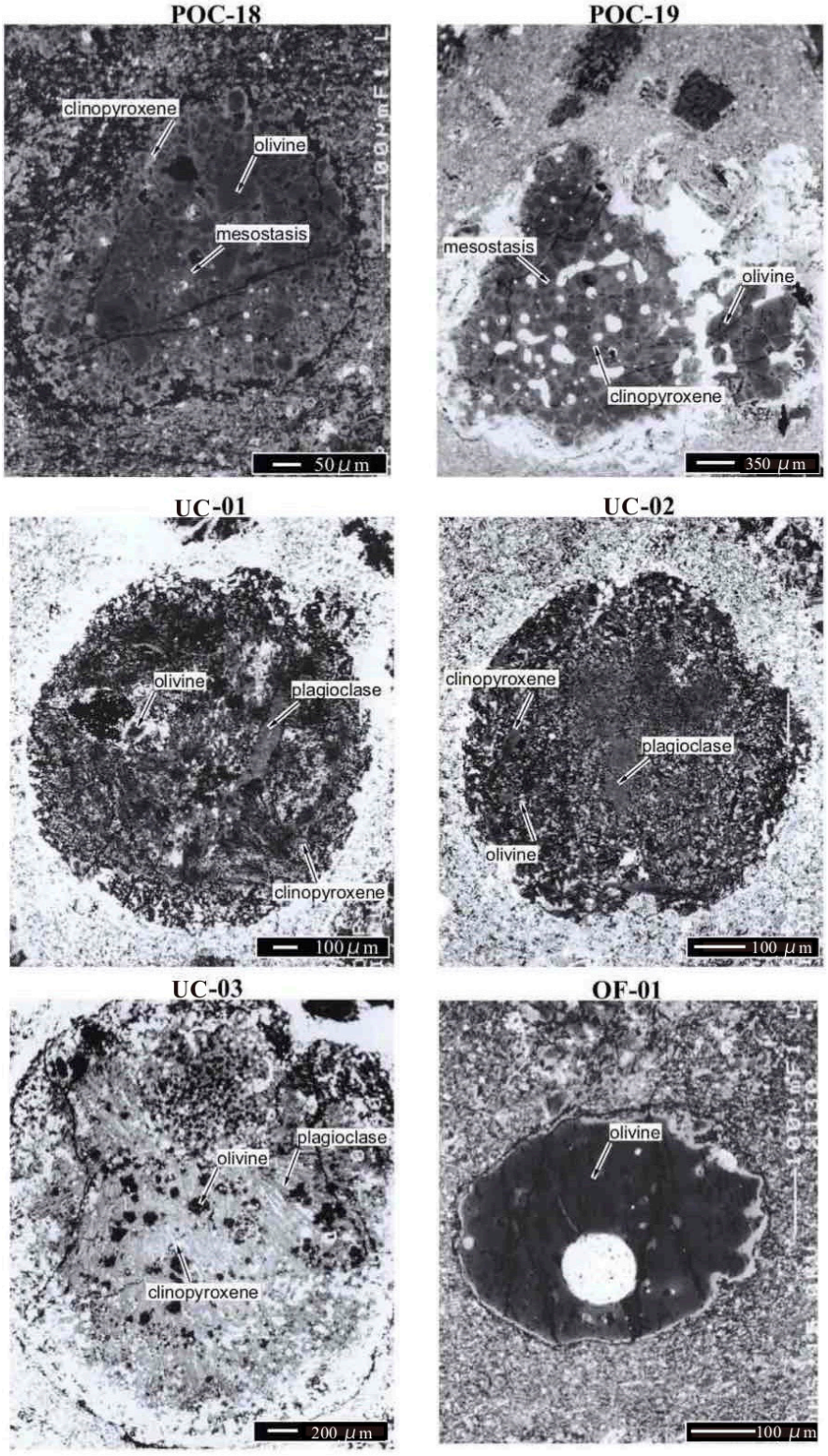

BOC-01
olivine
mesostasis
100 μm
BOC-02
mesostasis
olivine
100 μm
BOC-03
olivine
orthopxroxene
100 μm
BOC-04
olivine
spinel
100 μm
BOC-05
olivine
mesostasis
100 μm
BOC-06
olivine
mesostasis
nepheline
100 μm

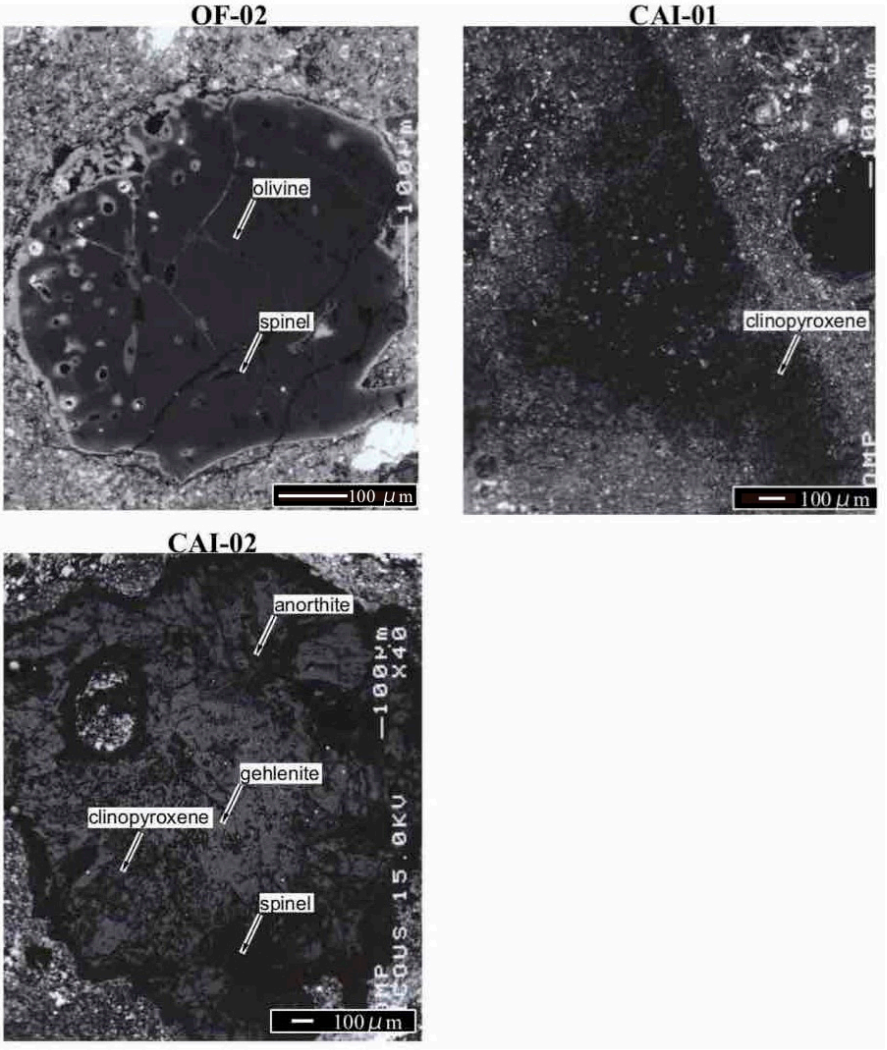

BOC-07
olivine
clinopyroxene
100 μm
BOC-08
olivine
mesostasis
100 μm
BOC-09
mesostasis
olivine
100 μm
BOC-10
plagioclase
clinopyroxene
olivine
orthopyroxene
100 μm
BOC-11a
orthopyroxene
olivine
100 μm
BOC-11b
clinopyroxene
olivine
100 μm


POC-01
olivine
plagioclase
100 μm
POC-02
clinopyroxene
olivine
100 μm
POC-03
olivine
100 μm
POC-04
olivine
plagioclase
100 μm
POC-05
olivine
plagioclase
100 μm
POC-06
olivine
clinopyroxene
100 μm


POC-07a
olivine
orthopyroxene
100 μm
POC-07b
olivine
clinopyroxene
100 μm
POC-08
orthopyroxene
olivine
clinopyroxene
250 μm
POC-09
clinopyroxene
olivine
100 μm
POC-10
olivine
clinopyroxene
100 μm
POC-11
olivine
100 μm


POC-12
orthopyroxene
olivine
clinopyroxene
50 μm
POC-13
olivine
orthopyroxene
100 μm
POC-14
plagioclase
olivine
100 μm
POC-15
clinopyroxene
plagioclase
olivine
orthopyroxene
100 μm
POC-16
nepheline
olivine
orthopyroxene
clinopyroxene
100 μm
POC-17
orthopyroxene
olivine
plagioclase
100 μm


POC-18
clinopyroxene
olivine
mesostasis
50 μm
POC-19
mesostasis
olivine
clinopyroxene
350 μm
UC-01
olivine
plagioclase
clinopyroxene
100 μm
UC-02
clinopyroxene
plagioclase
olivine
100 μm
UC-03
plagioclase
olivine
clinopyroxene
200 μm
OF-01
olivine
100 μm


OF-02
olivine
spinel
100 μm
CAI-01
clinopyroxene
100 μm
CAI-02
anorthite
gehlenite
clinopyroxene
spinel
100 μm