

RESOLUTION

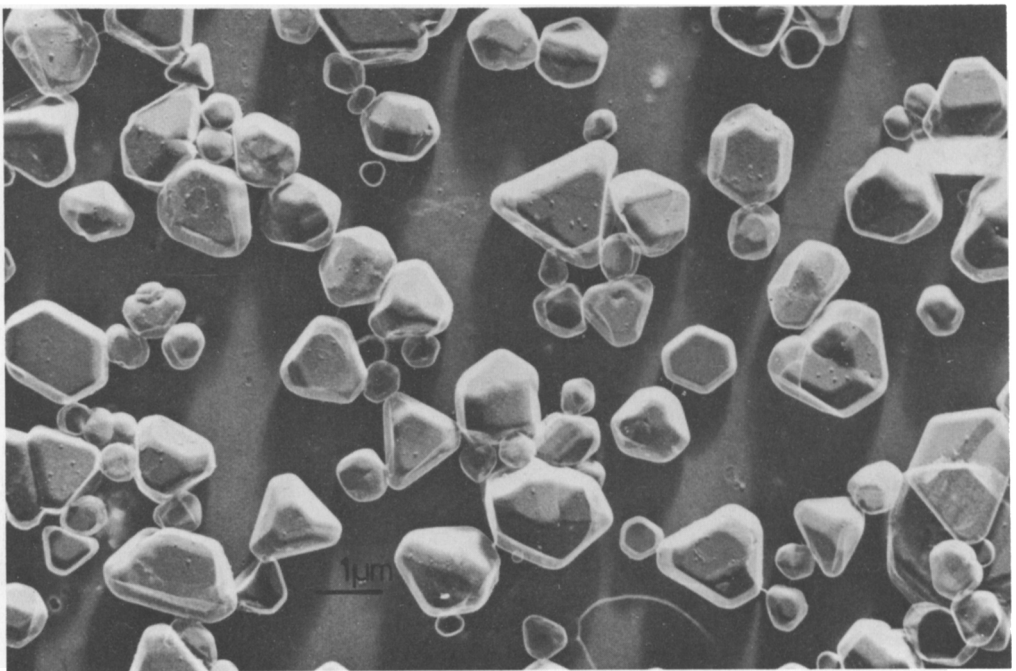
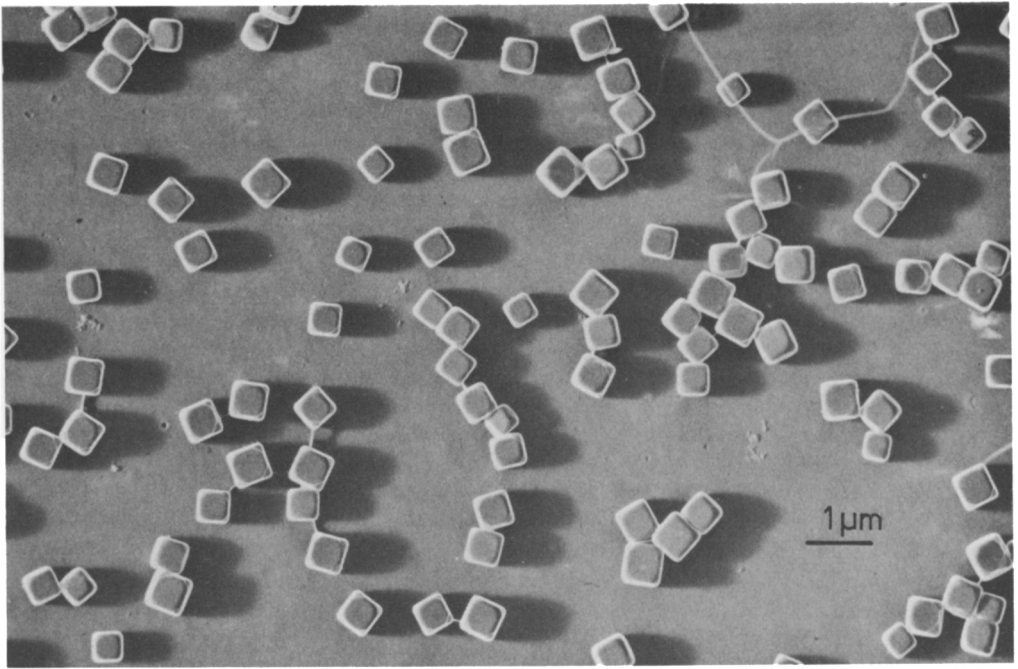
Participants in the IAU Colloquium No.78: 'Astronomy with Schmidt-Type Telescopes', in concordance with the IAU Commission 9 Working Group on Photographic Problems.

Acknowledging the impressive advances during the past decade resulting from the introduction of new emulsions of increased sensitivities and over a wide spectral range, and

Recalling the continued interest in our science shown by several manufacturers of photographic materials, in particular the Eastman Kodak Company and,

Noting the continuing and growing need for photographic emulsions in support of both ground-based and space astronomy, especially with wide-field, high resolution sky survey telescopes for which it is unlikely in the near future that panoramic electronic detectors will have the detector size and resolution available on photographic materials,

Urge all manufacturers to initiate and continue research with the aim of providing new emulsions with improved characteristics - for example quantum efficiency, sensitivity and spectral range.



Photographic grains typical of those found in IIIa-J (upper) and (lower) 103a-O emulsions.