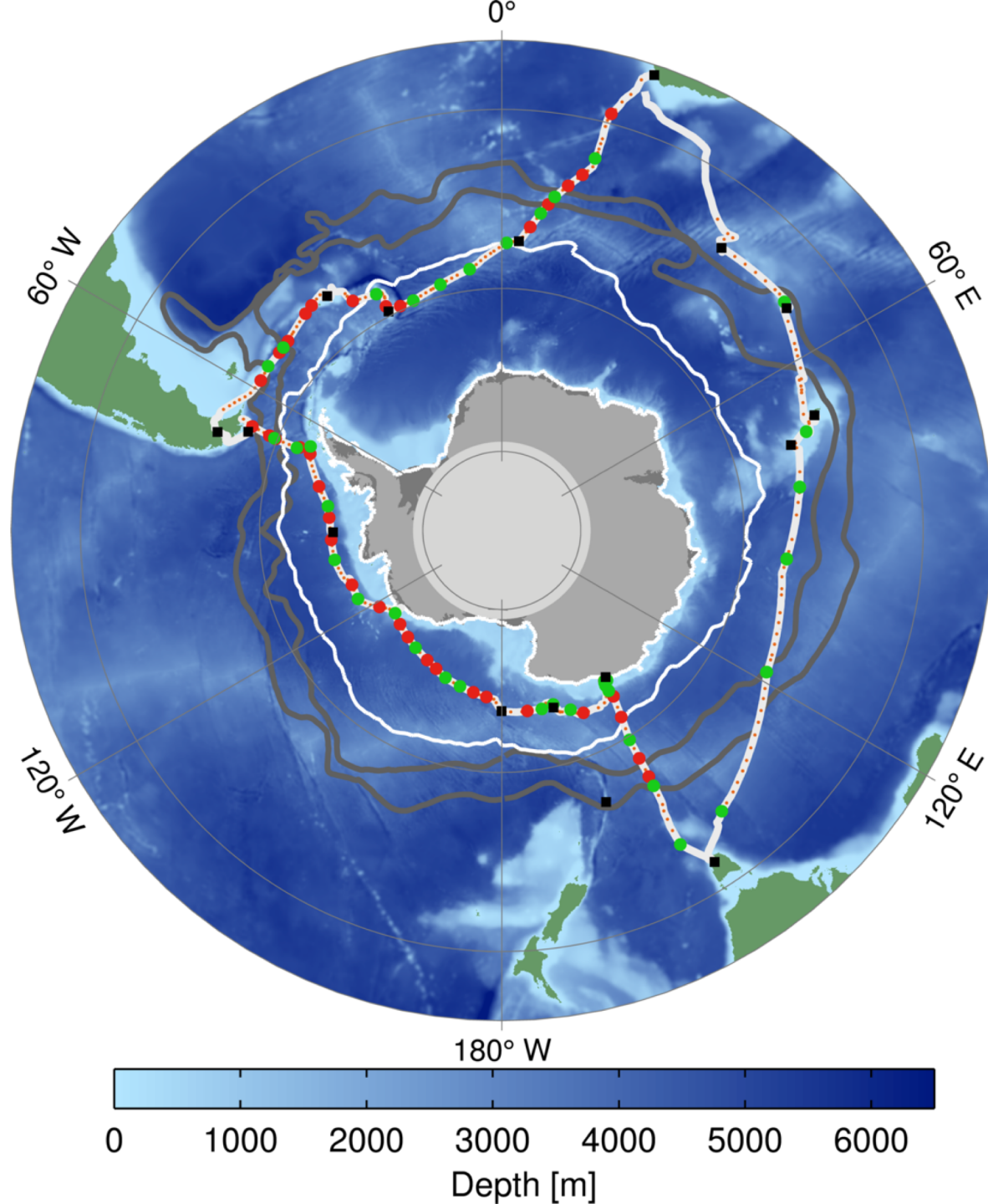


Quantifying precipitation and its contribution to surface freshening in the Southern Ocean





sampling locations

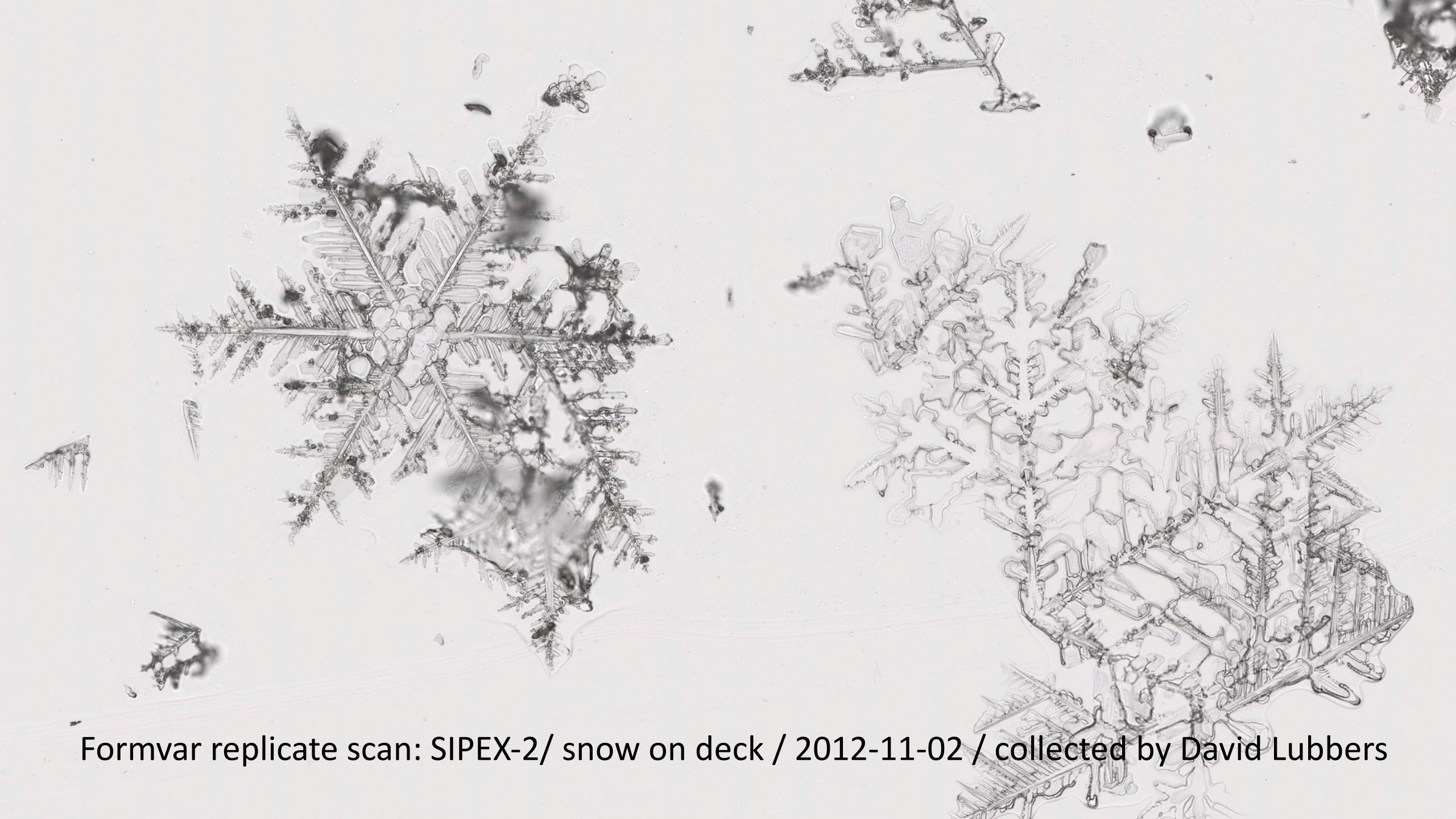
- underway
- ctd
- xbt
- planned stops (black squares)
- mean winter sea-ice cover

Locations of ship-based precipitation
measurements /
Antarctic Circumnavigation
Expedition (ACE) 2016/17

Collecting Formvar replicates of snow Antarctic Circumnavigation Expedition (ACE)

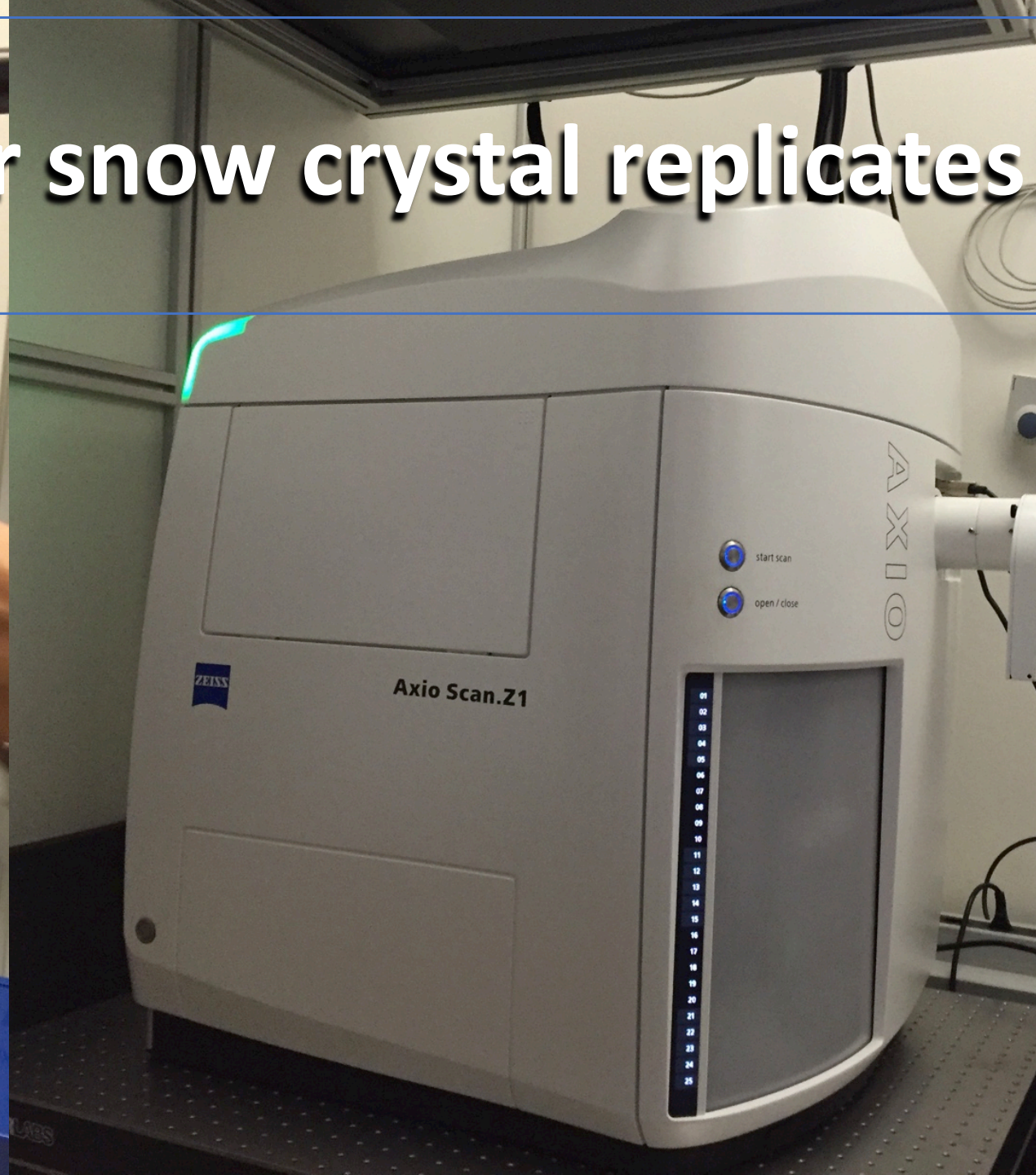
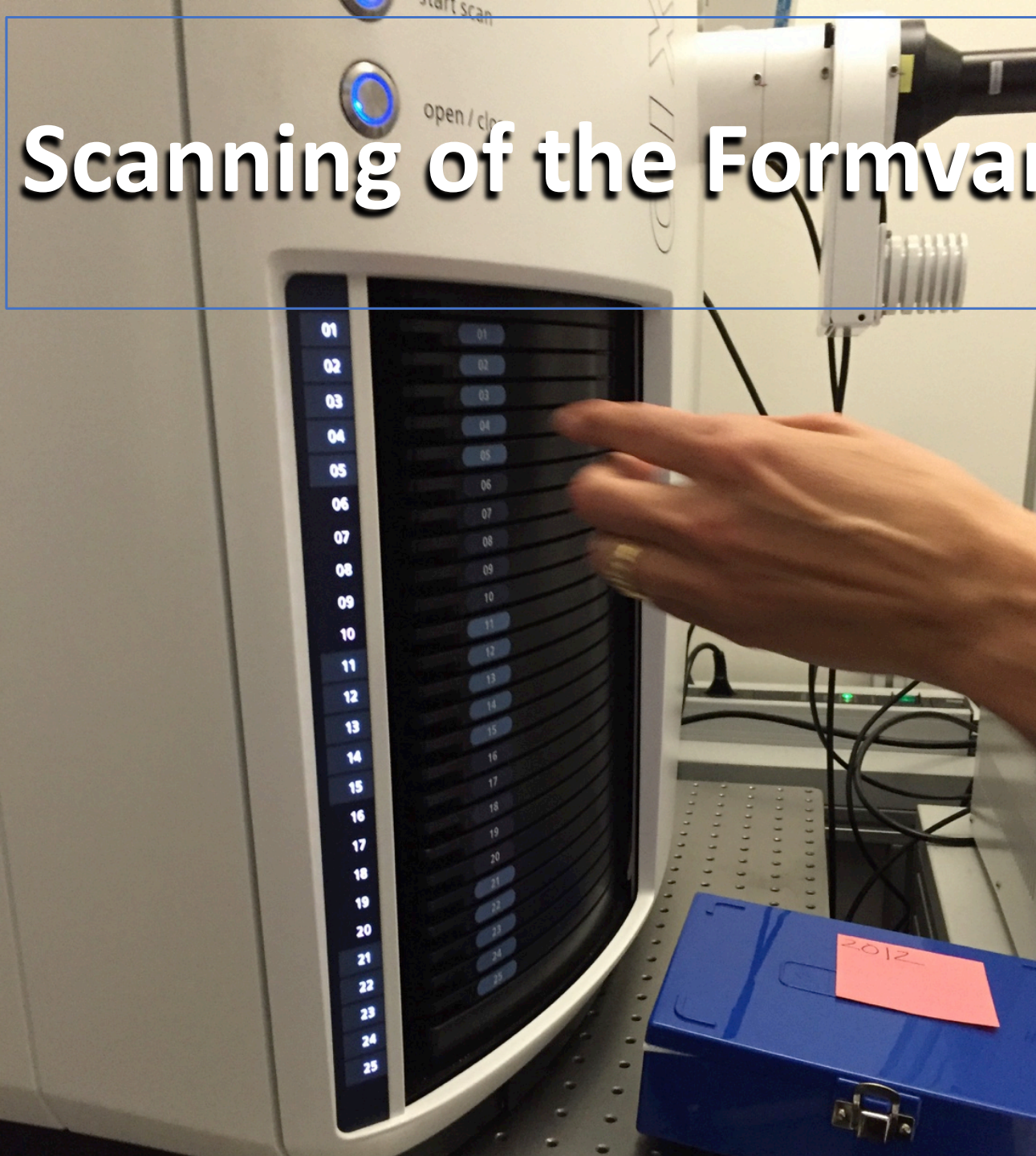


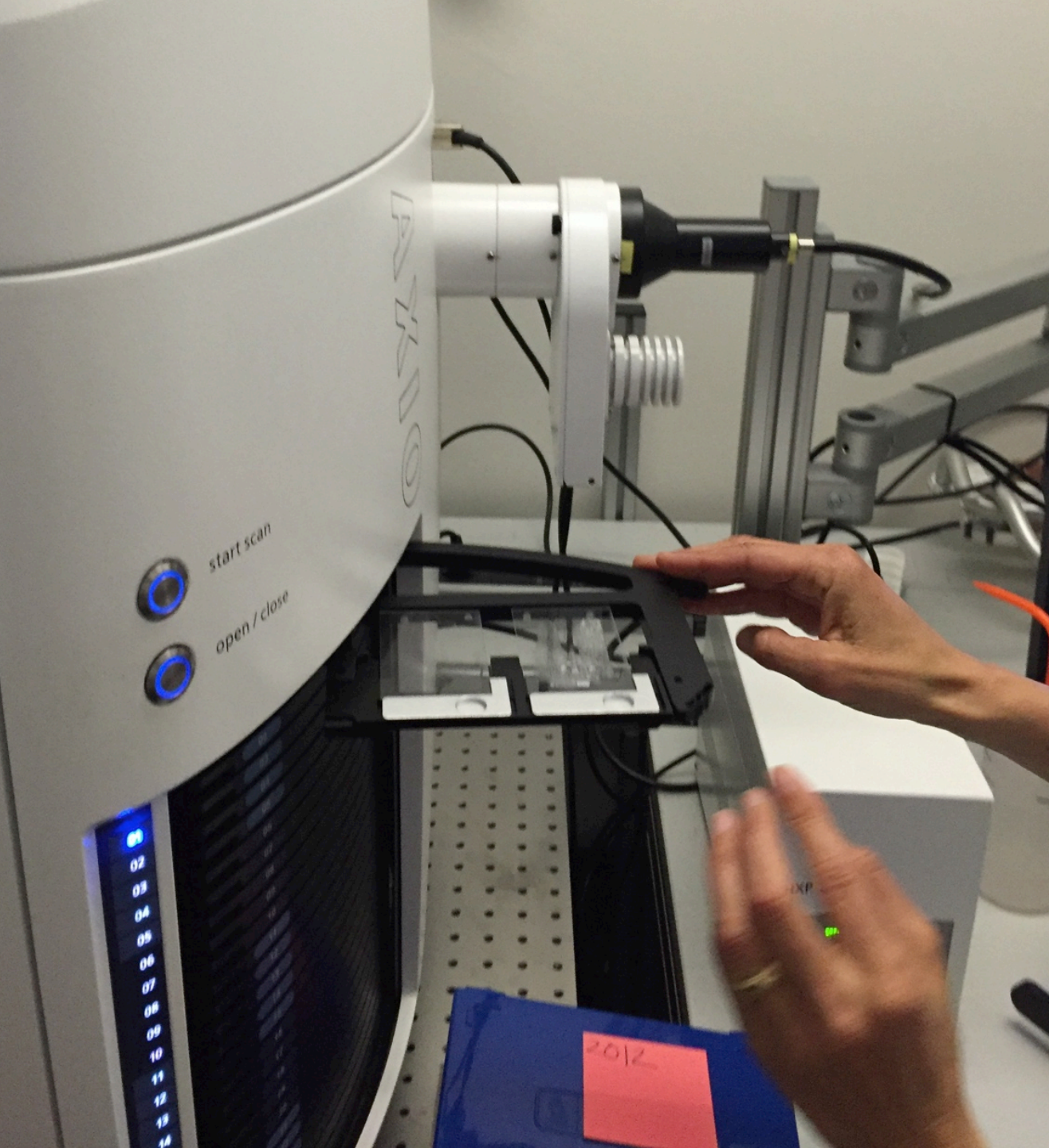
Photos: Irina Gorodetskaya /Maria Tsukernik

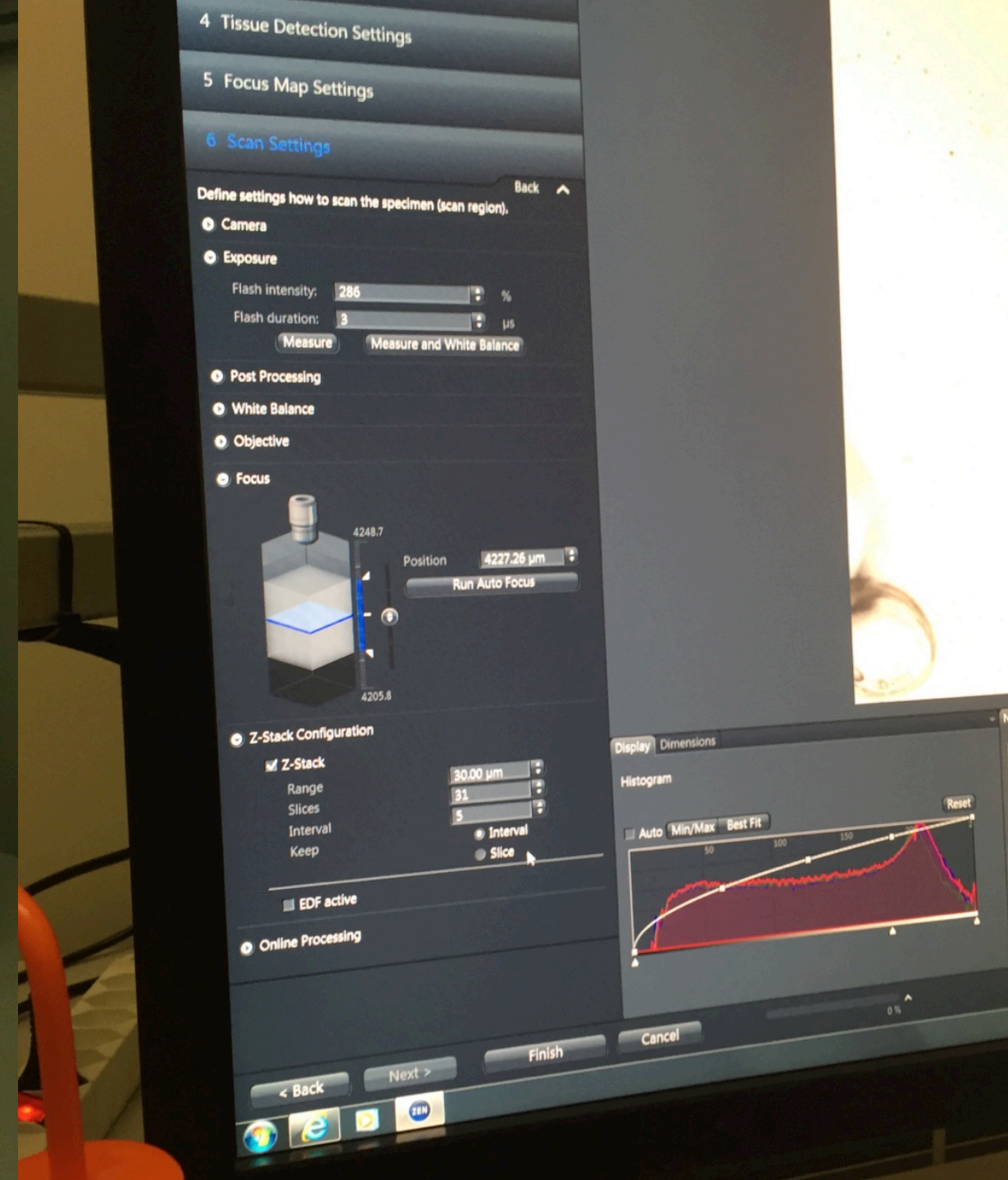
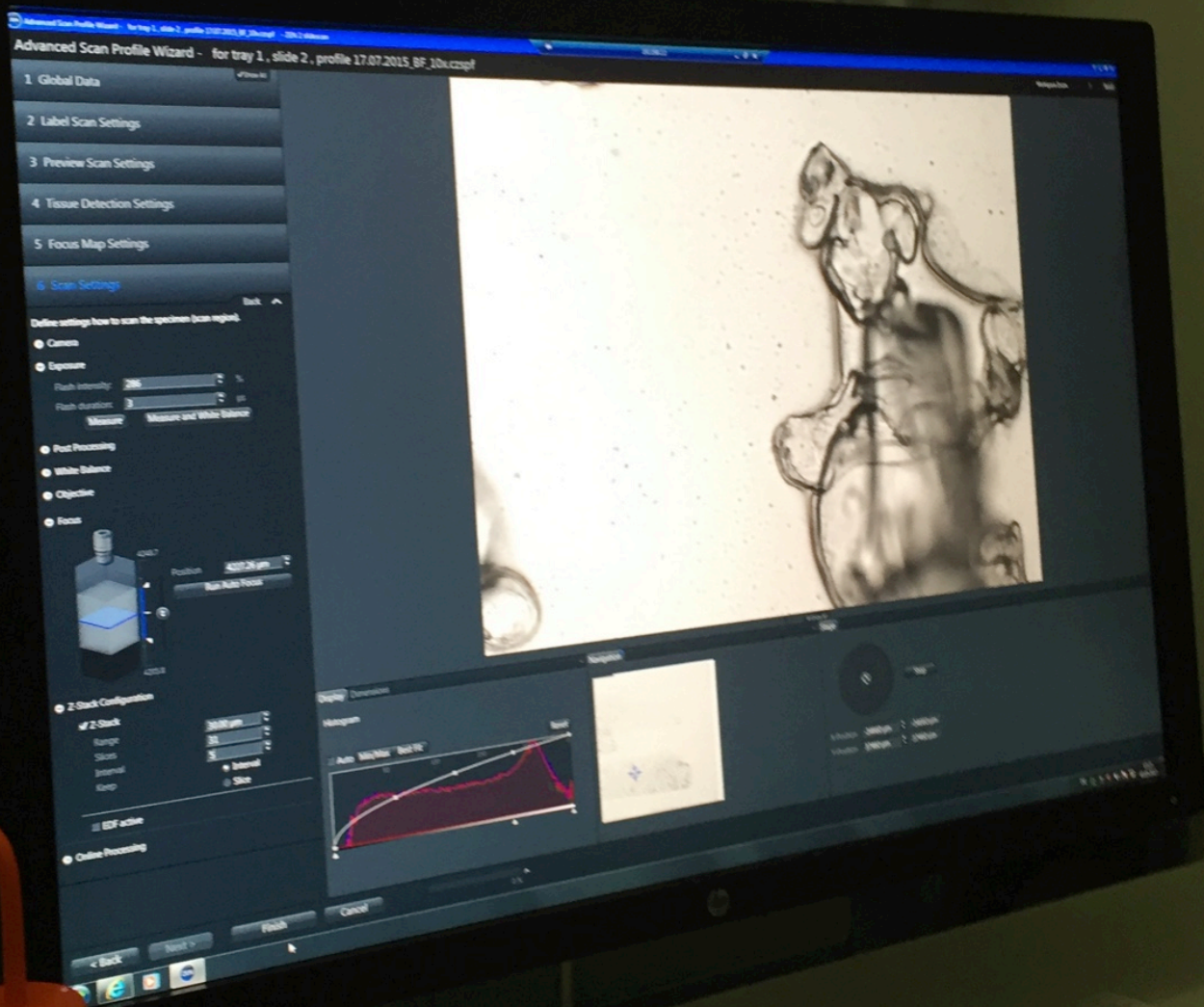


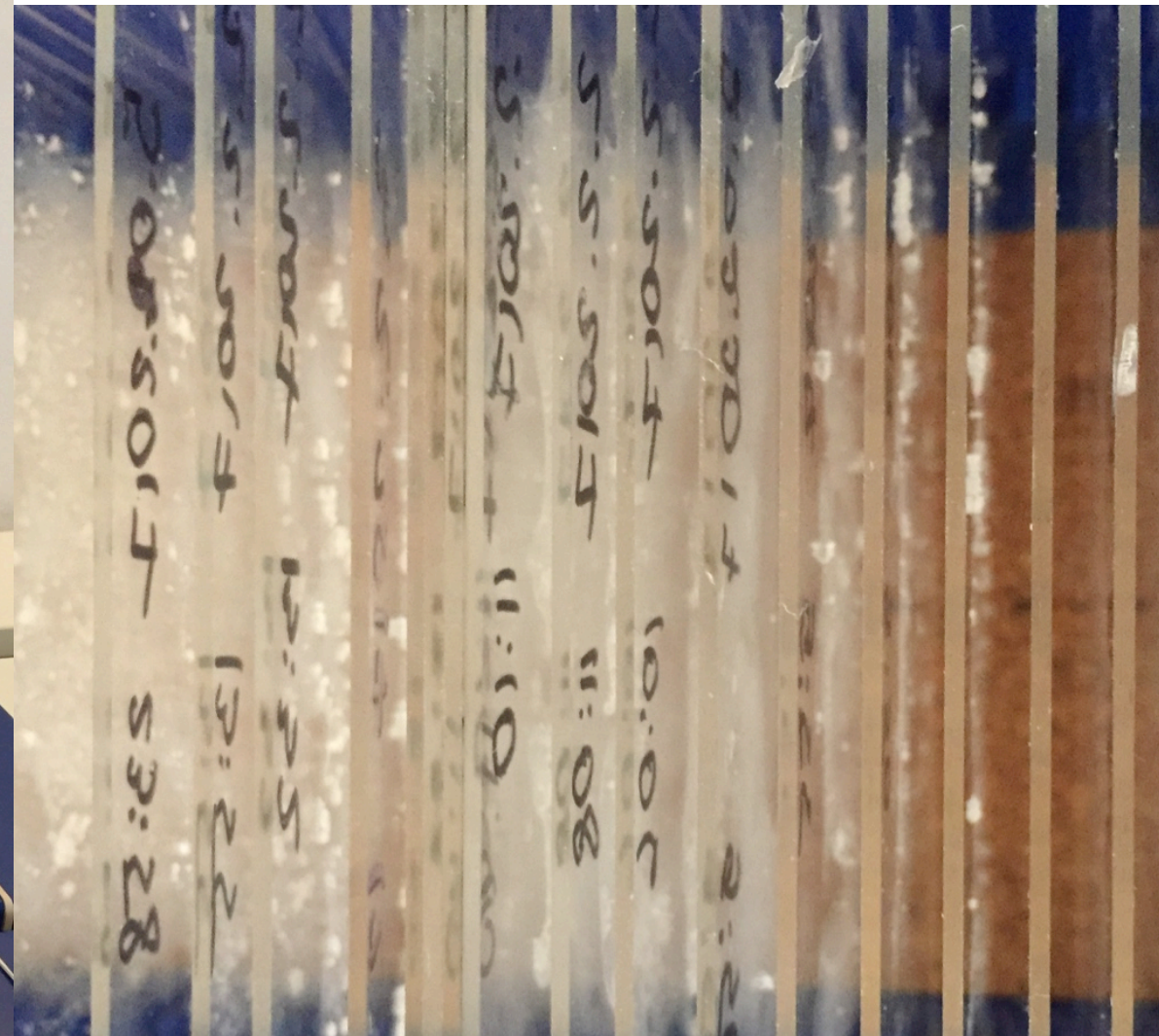
Formvar replicate scan: SIPEX-2/ snow on deck / 2012-11-02 / collected by David Lubbers

Scanning of the Formvar snow crystal replicates

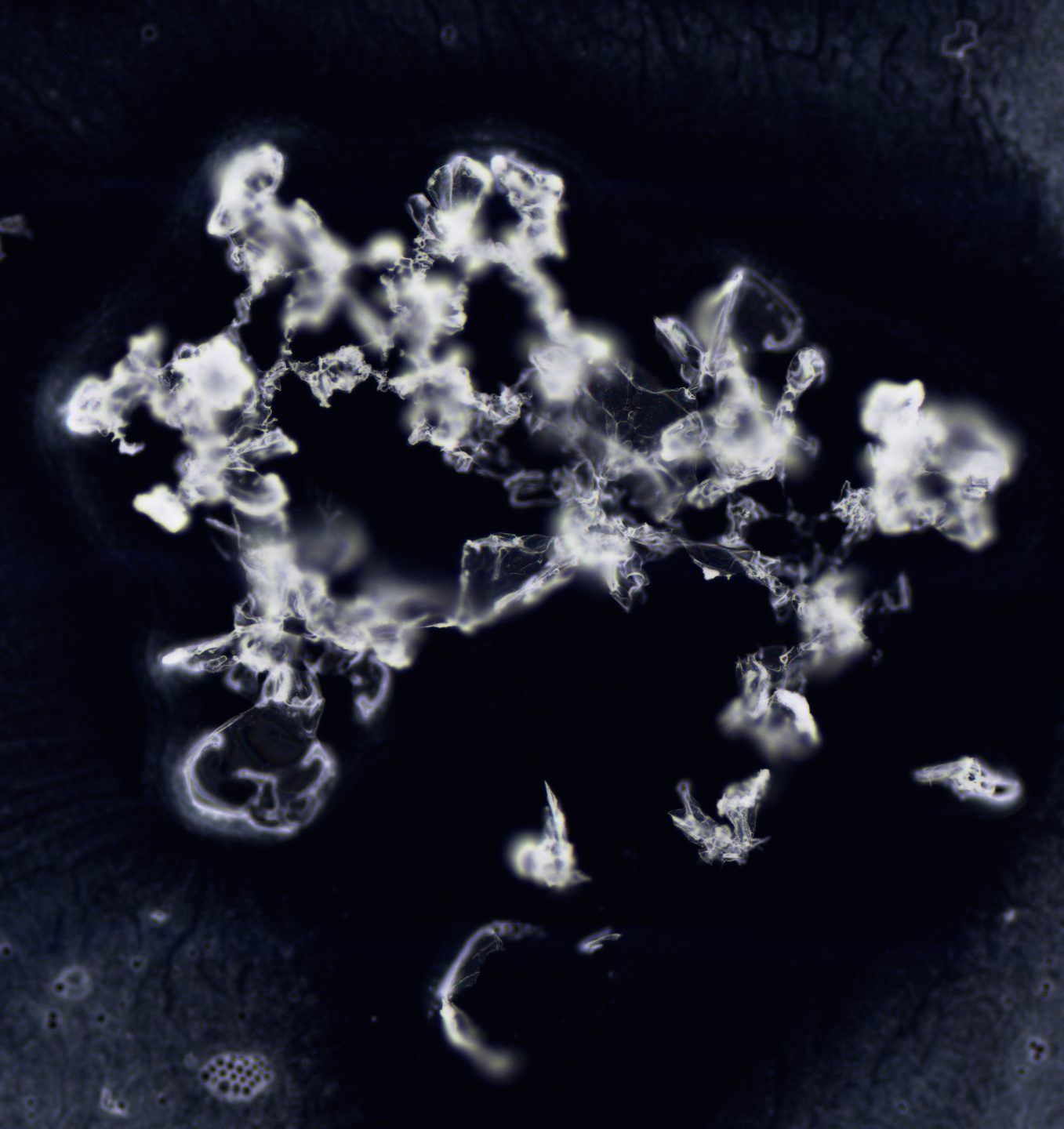


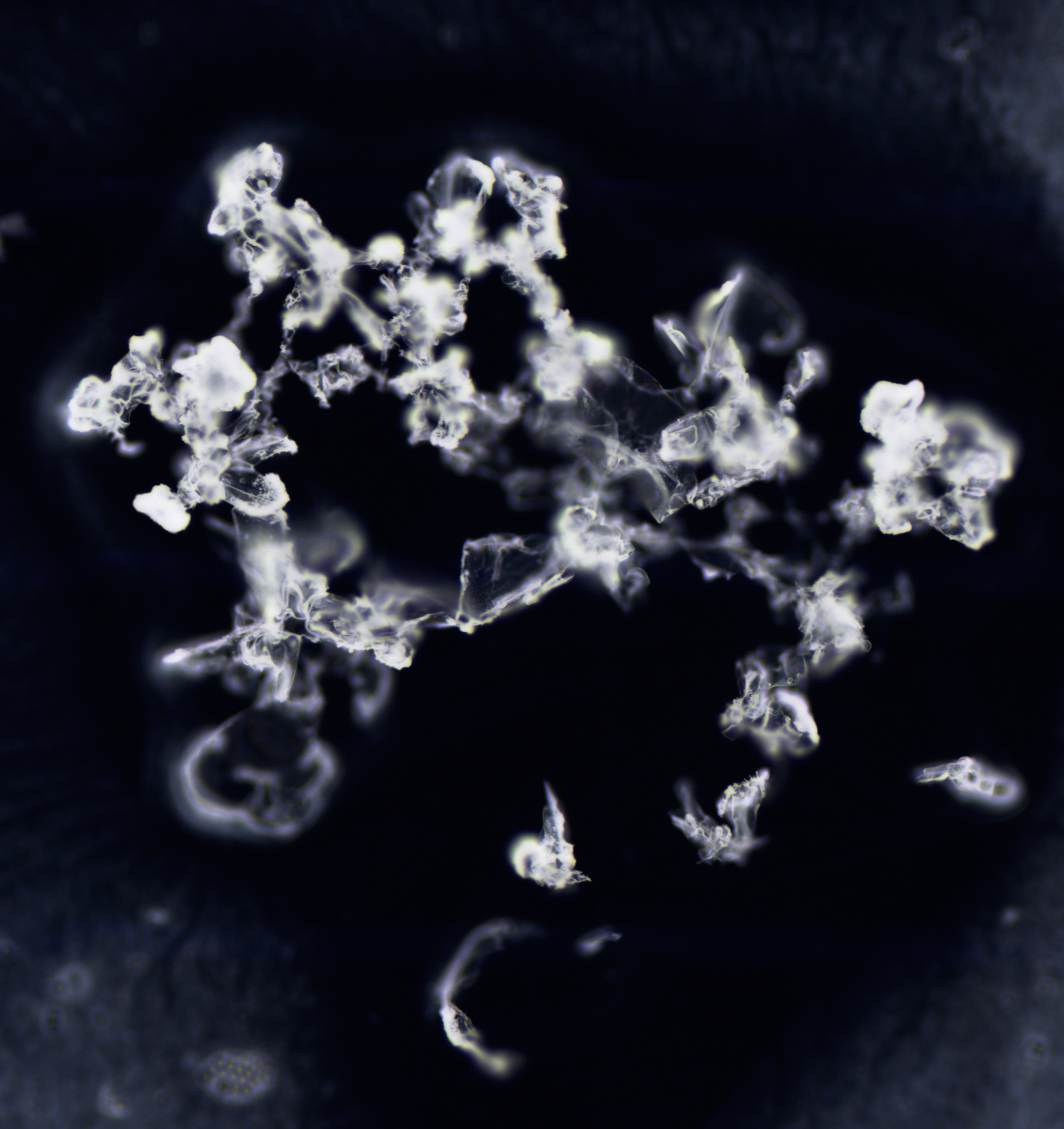


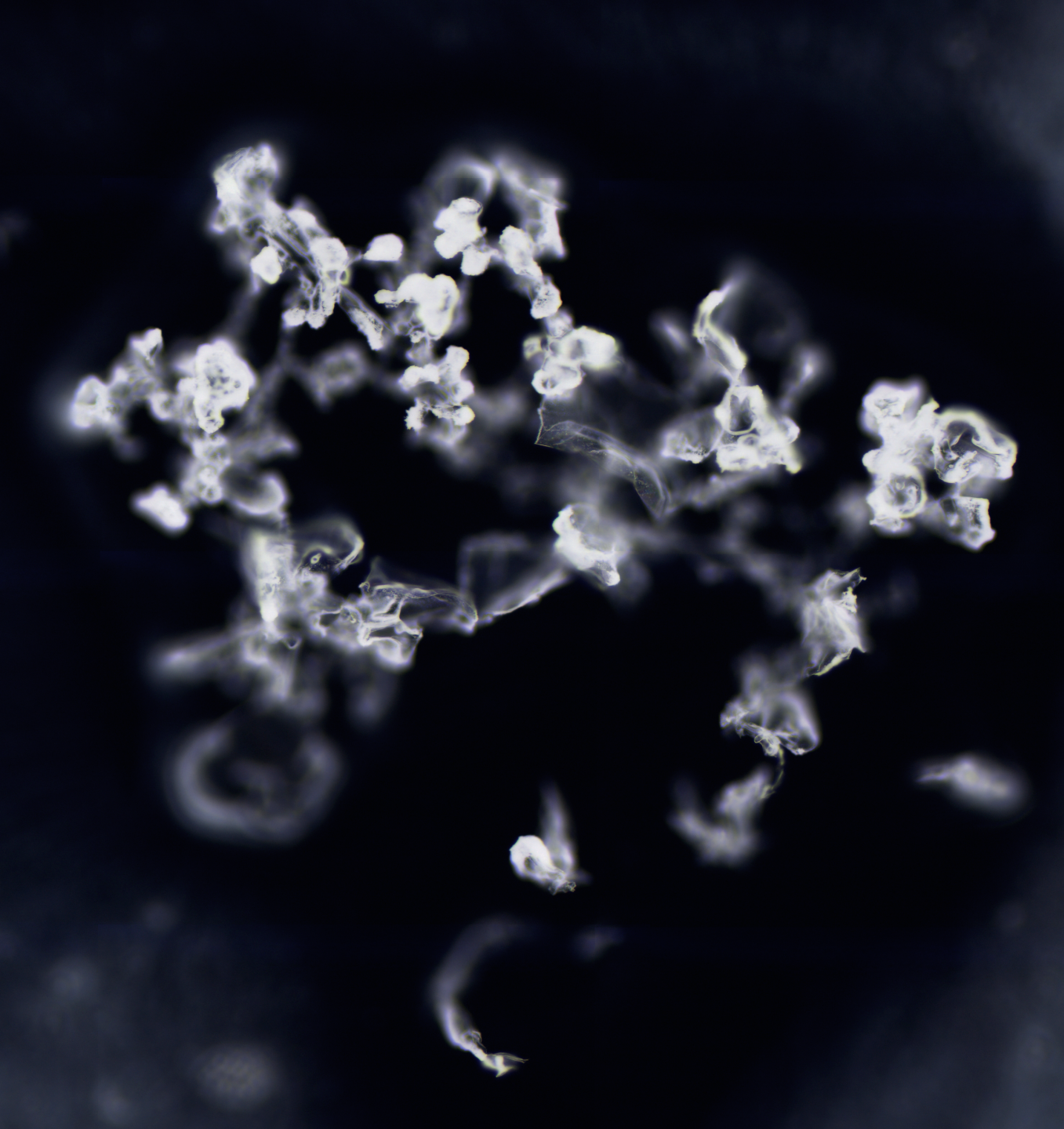


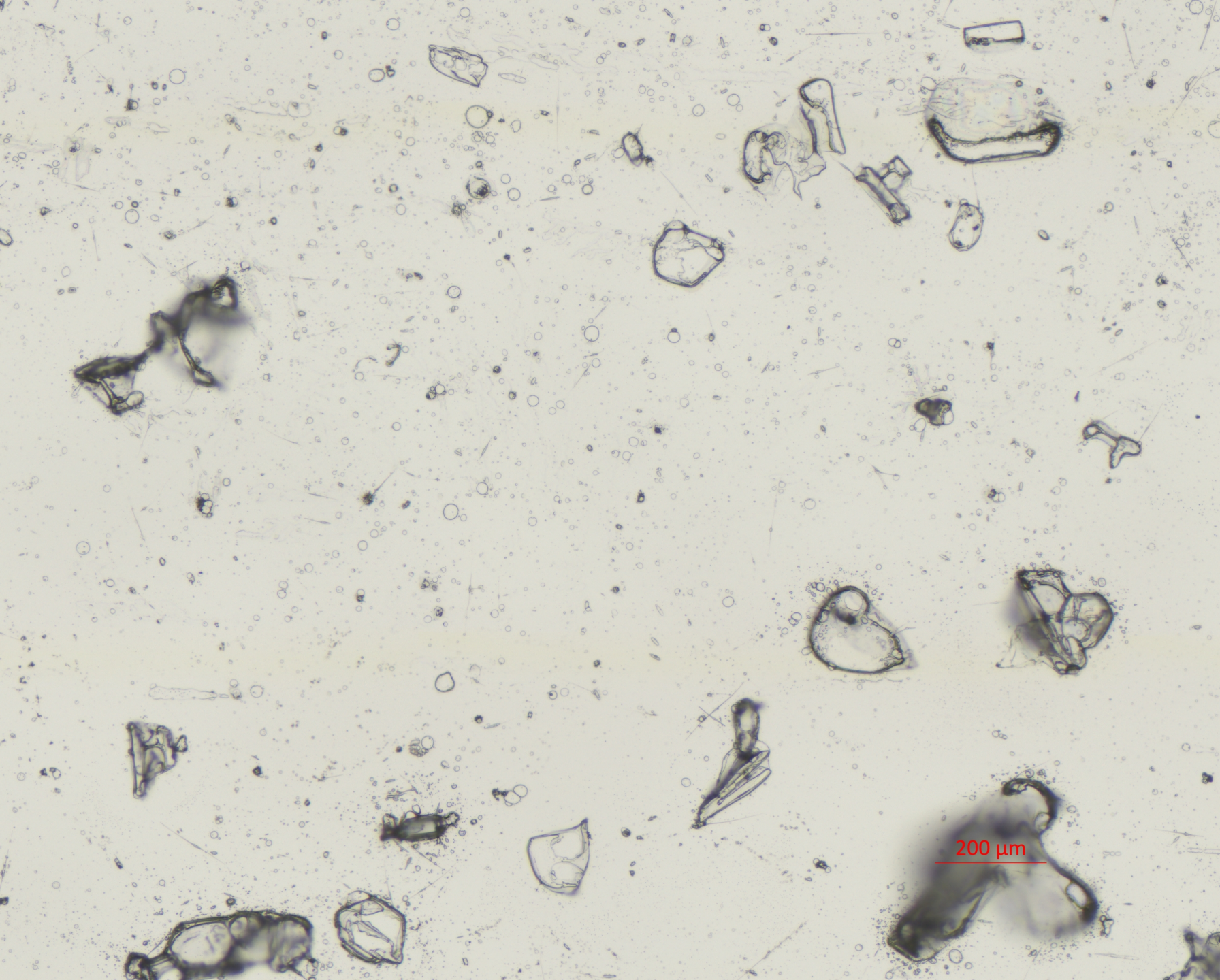


Formvar data collection from the Antarctic Circumnavigation Expedition (ACE)



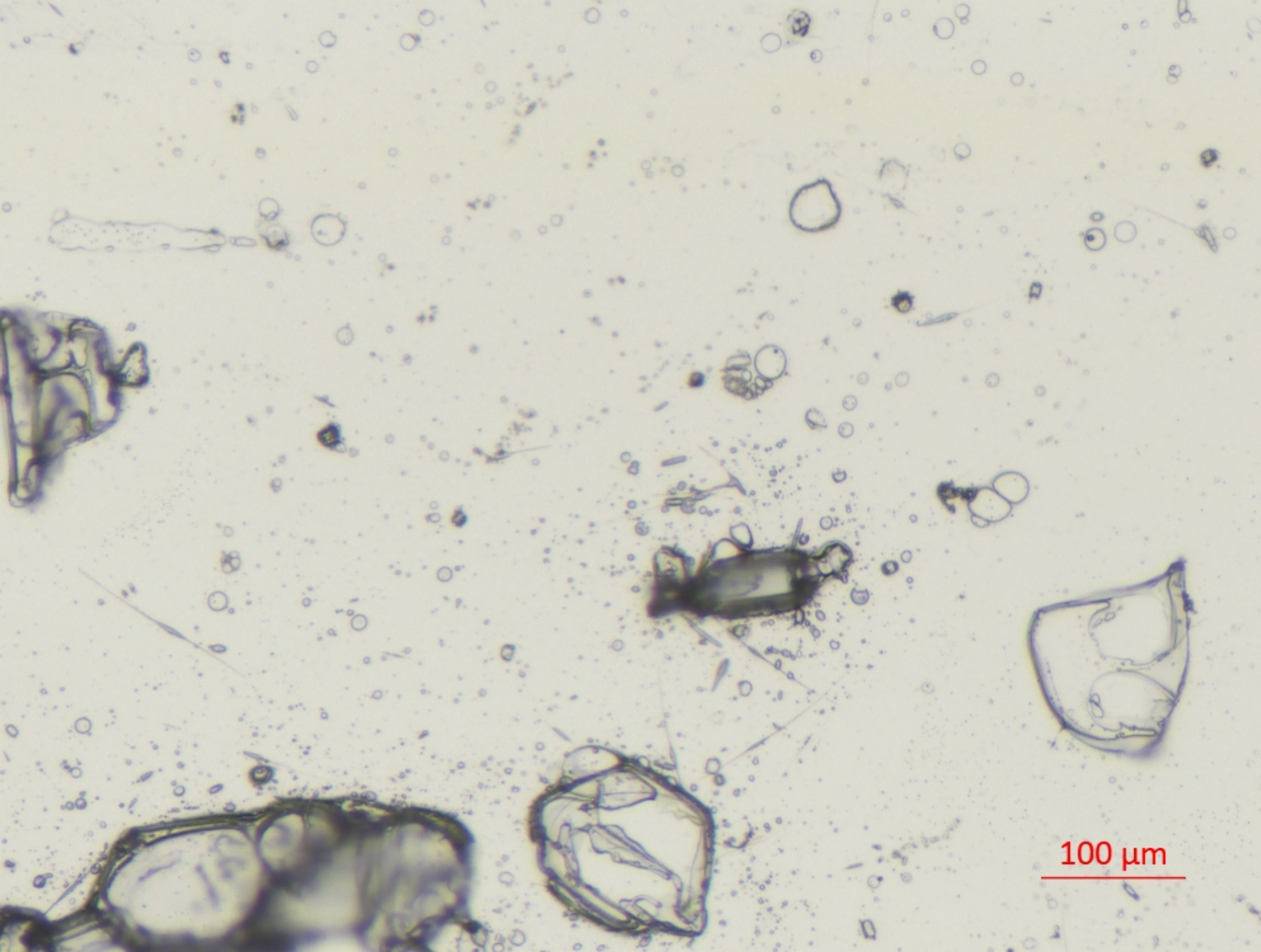






Formvar replicate scan:
20130727_B4_s2_z21

Subset: 2000x2500px



Formvar replicate scan:
20130727_B4_s2_z21

Subset: 1000x750px