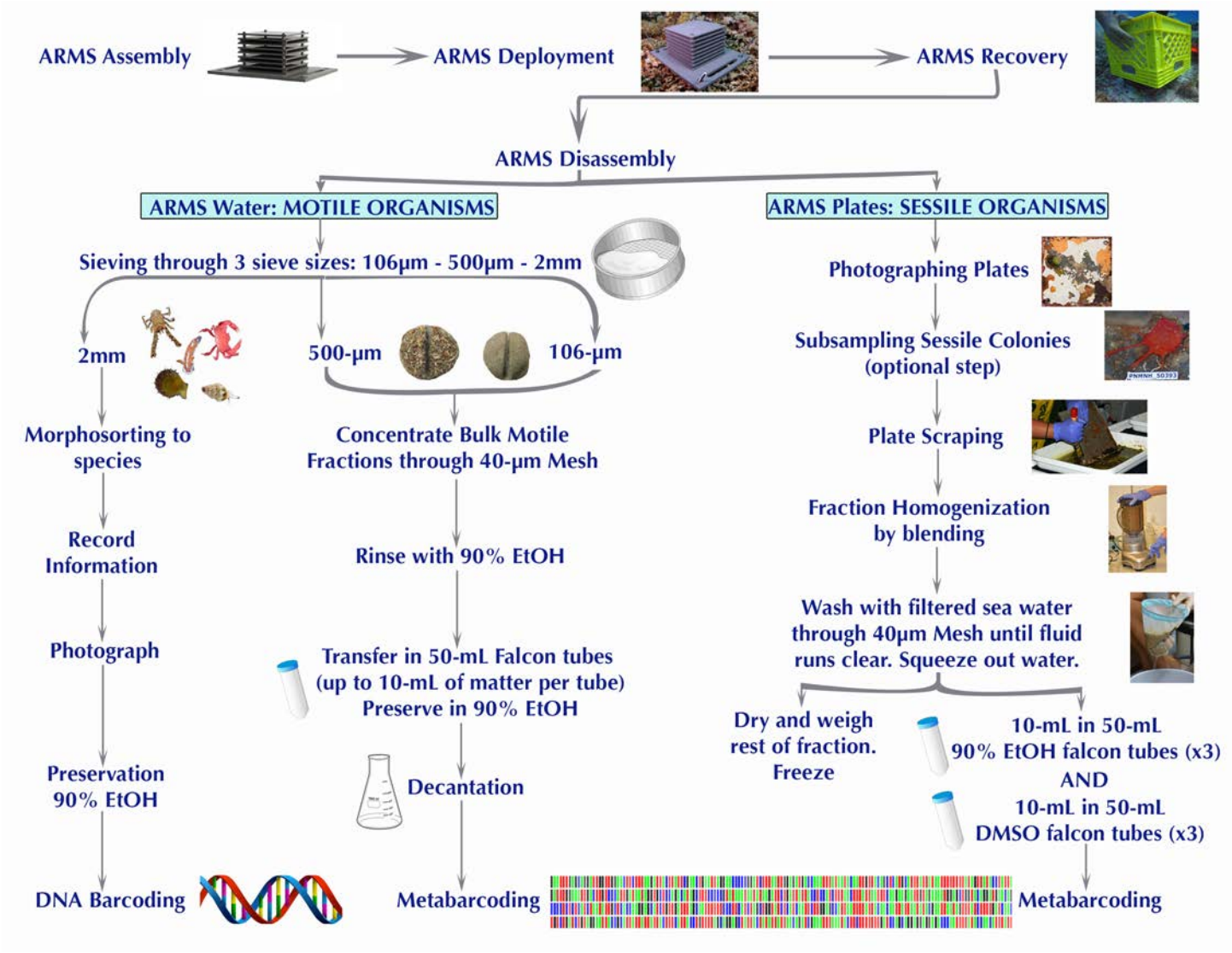
ARMS Assembly
ARMS Deployment
ARMS Recovery
ARMS Disassembly
ARMS Water: MOTILE ORGANISMS
ARMS Plates: SESSILE ORGANISMS
Sieving through 3 sieve sizes: 106µm - 500µm - 2mm
2mm
500-µm
106-µm
Morphosorting to species
Record Information
Photograph
Preservation 90% EtOH
DNA Barcoding
Concentrate Bulk Motile Fractions through 40-µm Mesh
Rinse with 90% EtOH
Transfer in 50-mL Falcon tubes (up to 10-mL of matter per tube) Preserve in 90% EtOH
Decantation
Metabarcoding
Photographing Plates
Subsampling Sessile Colonies (optional step)
Plate Scraping
Fraction Homogenization by blending
Wash with filtered sea water through 40µm Mesh until fluid runs clear. Squeeze out water.
Dry and weigh rest of fraction. Freeze
10-mL in 50-mL 90% EtOH falcon tubes (x3)
AND
10-mL in 50-mL DMSO falcon tubes (x3)
Metabarcoding