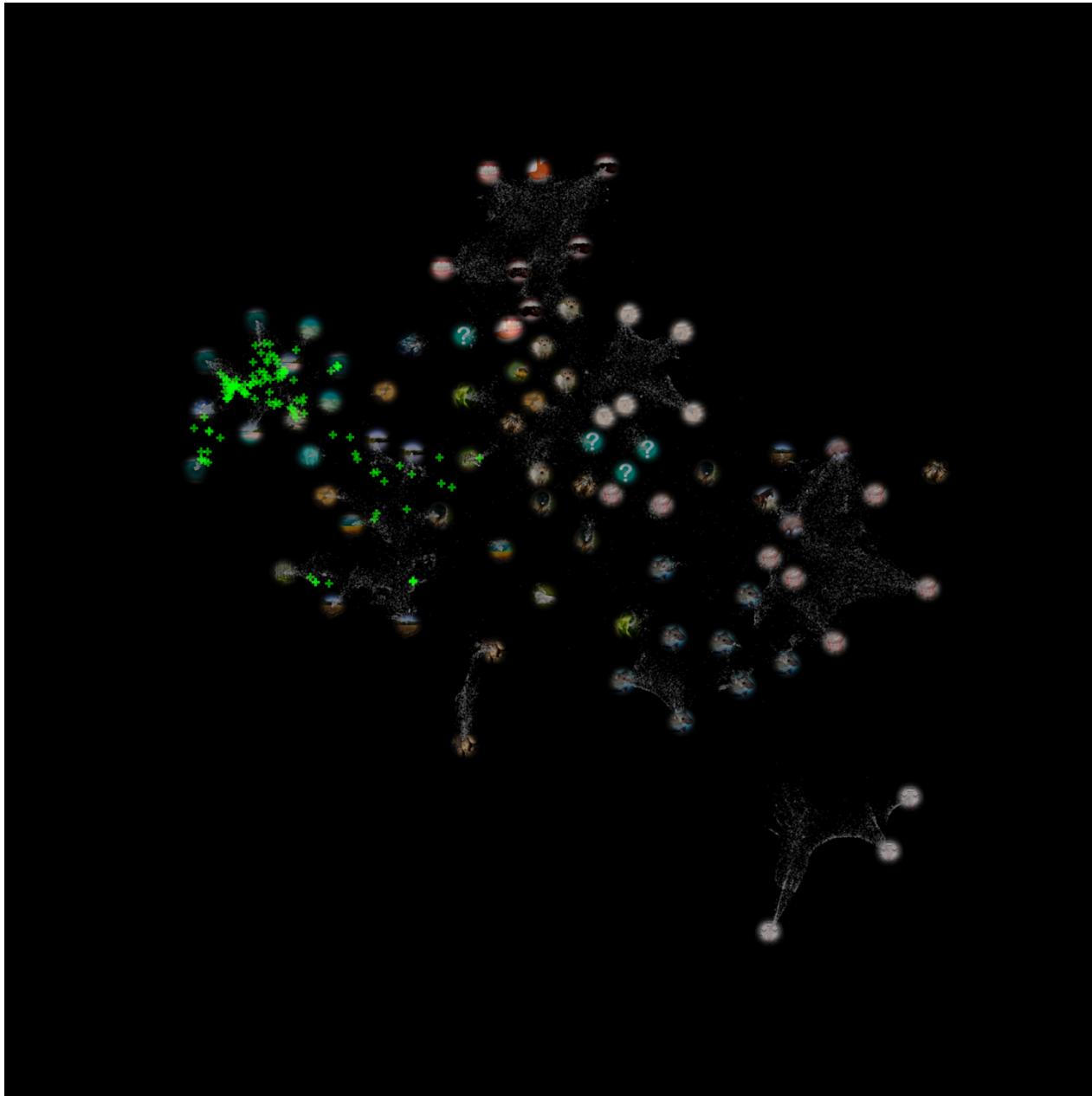


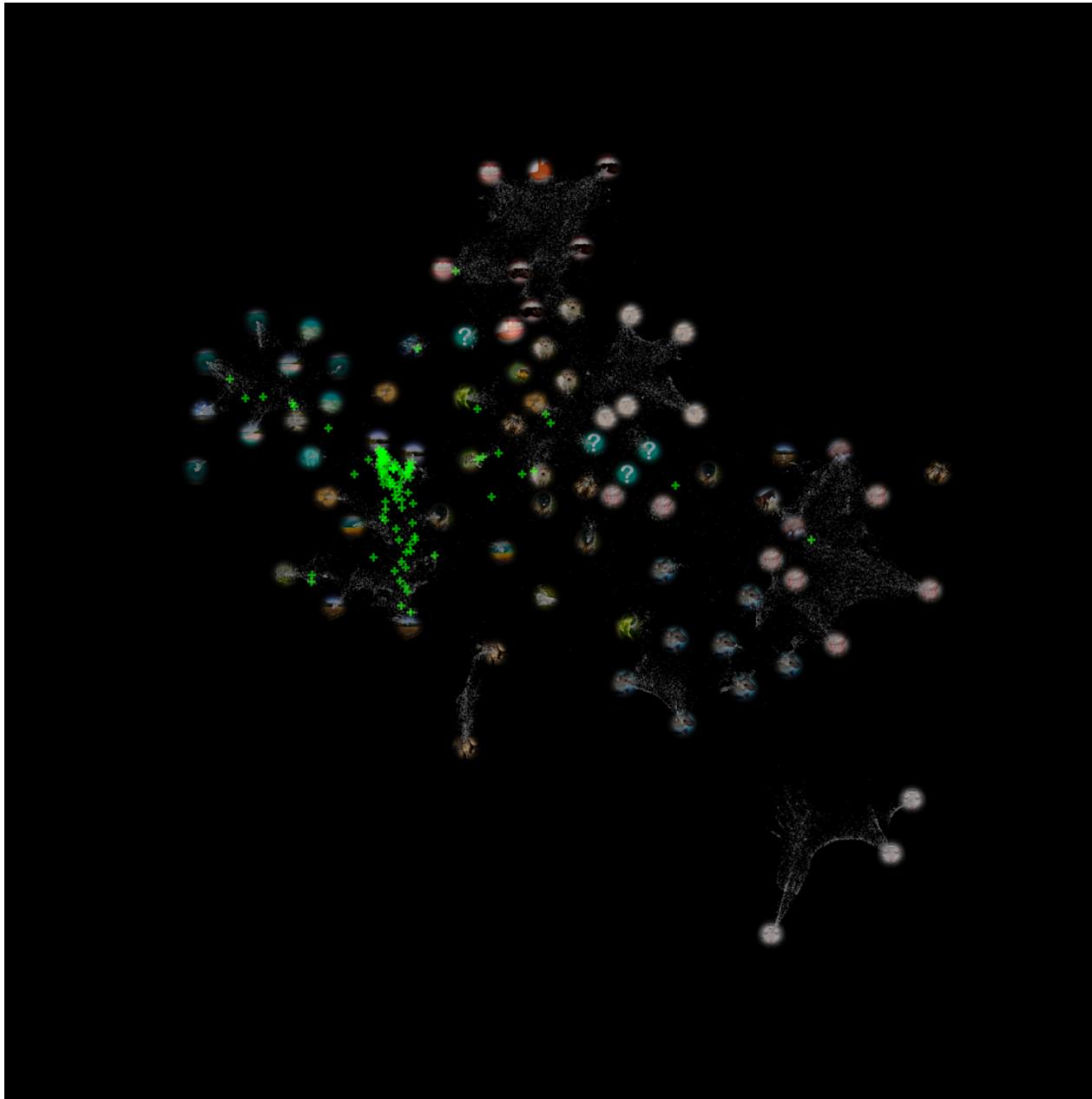
A

EMPO-Level 3 “Water (saline)” ... e.g. salt water from ocean, sea, estuary, mangrove, coral reef (>5 psu)

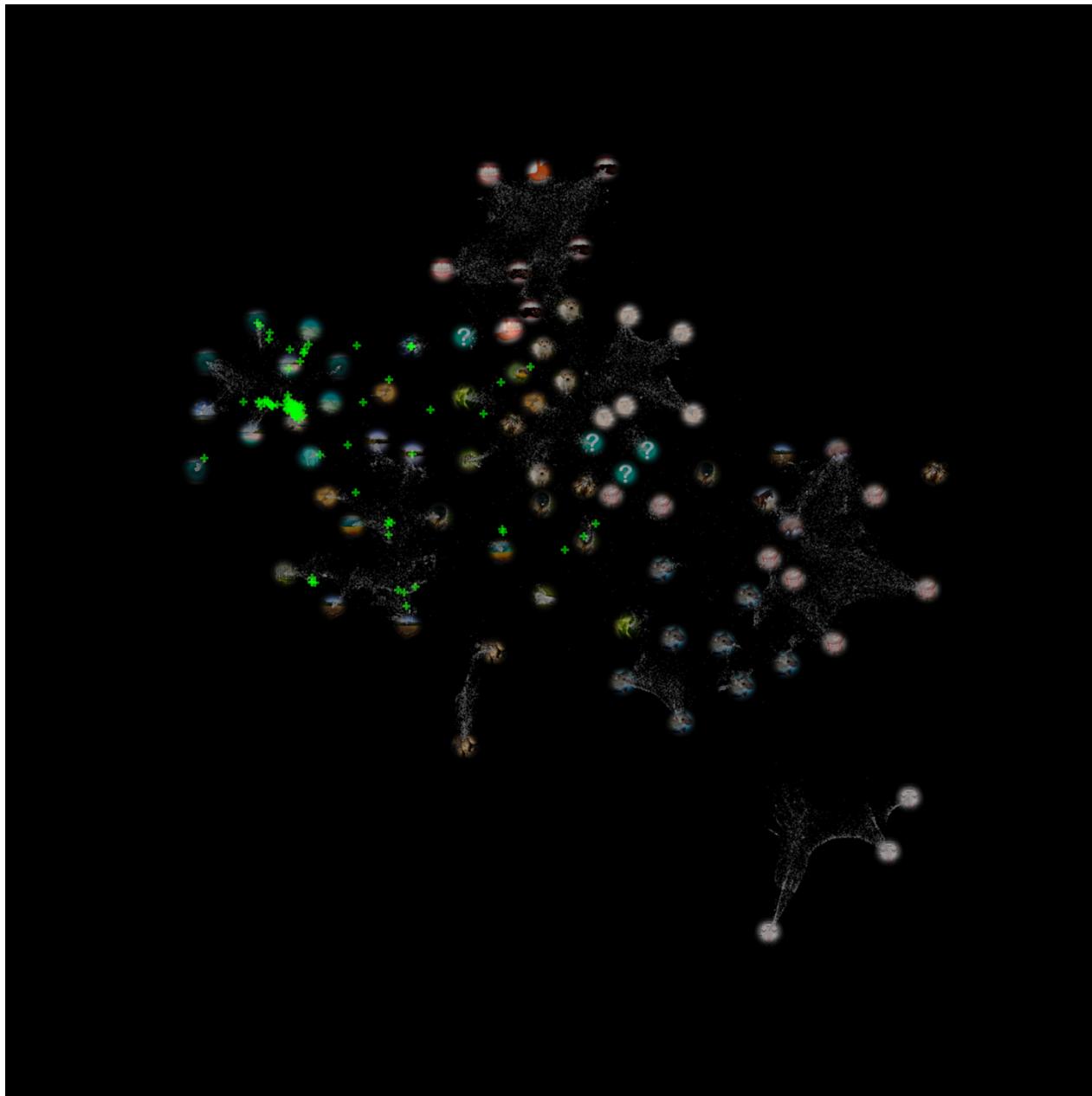


B

EMPO-Level 3 “Water (non-saline)” ... e.g. fresh water from lake, pond, river (<5 psu)

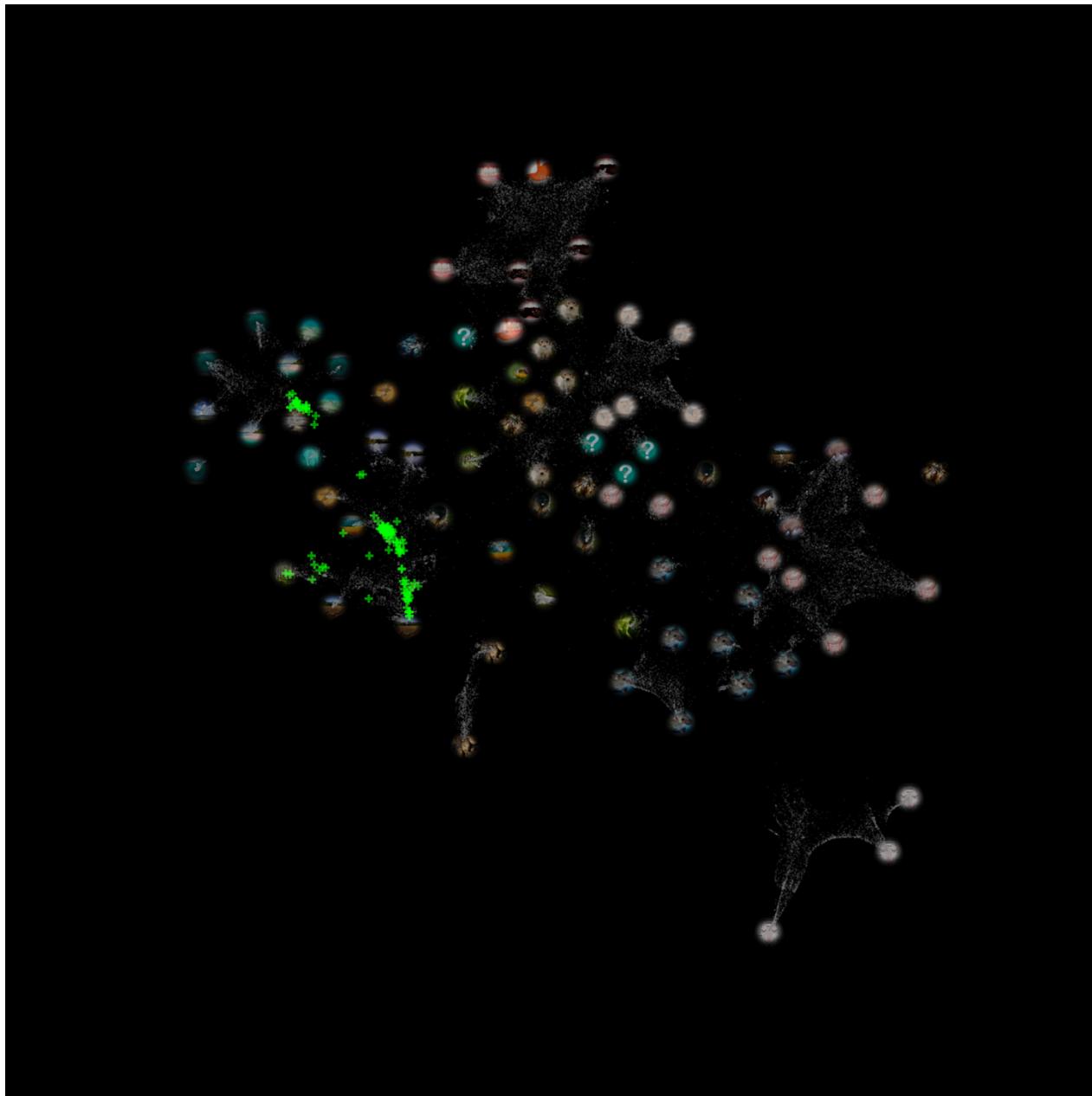


C EMPO-Level 3 “Sediment (saline)” ... e.g. sediment from ocean, sea, estuary, mangrove, beach (>5 psu)



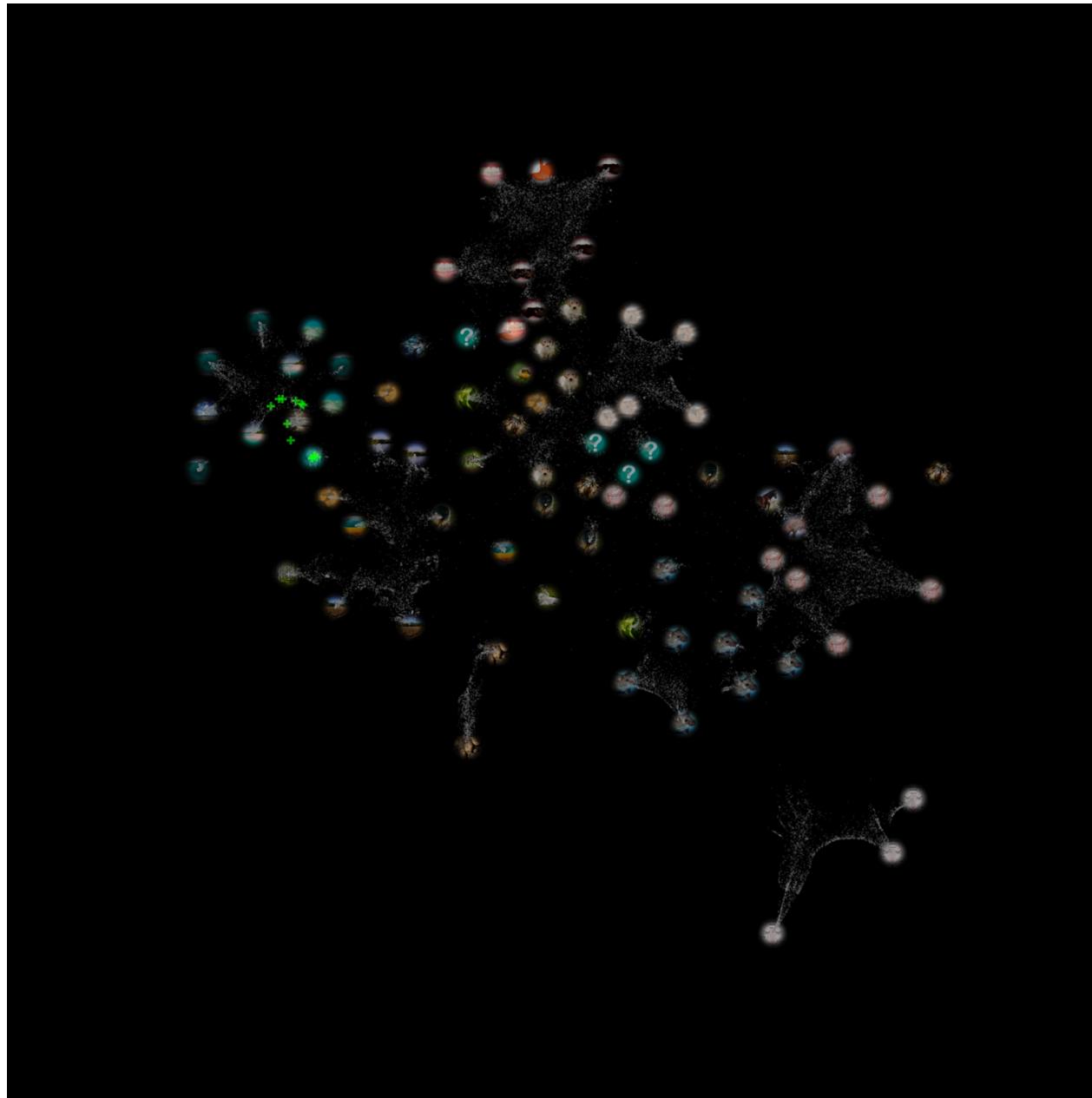
D

EMPO-Level 3 “Sediment (non-saline)” ... e.g. sediment from lake, pond, river (<5 psu)



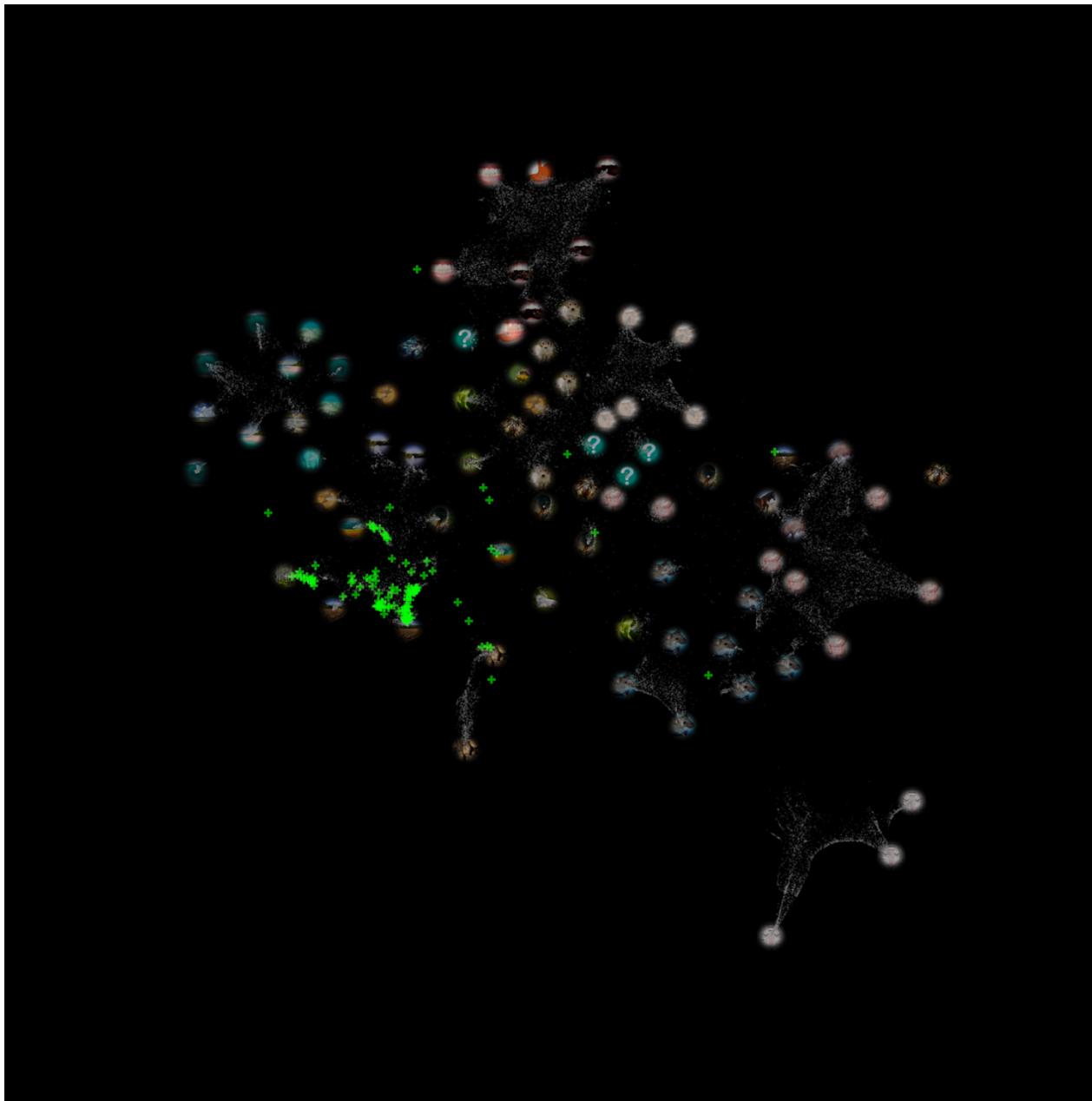
E

EMPO-Level 3 “Hypersaline (saline)” ... e.g. water from hypersaline sample or brine (>50 psu)



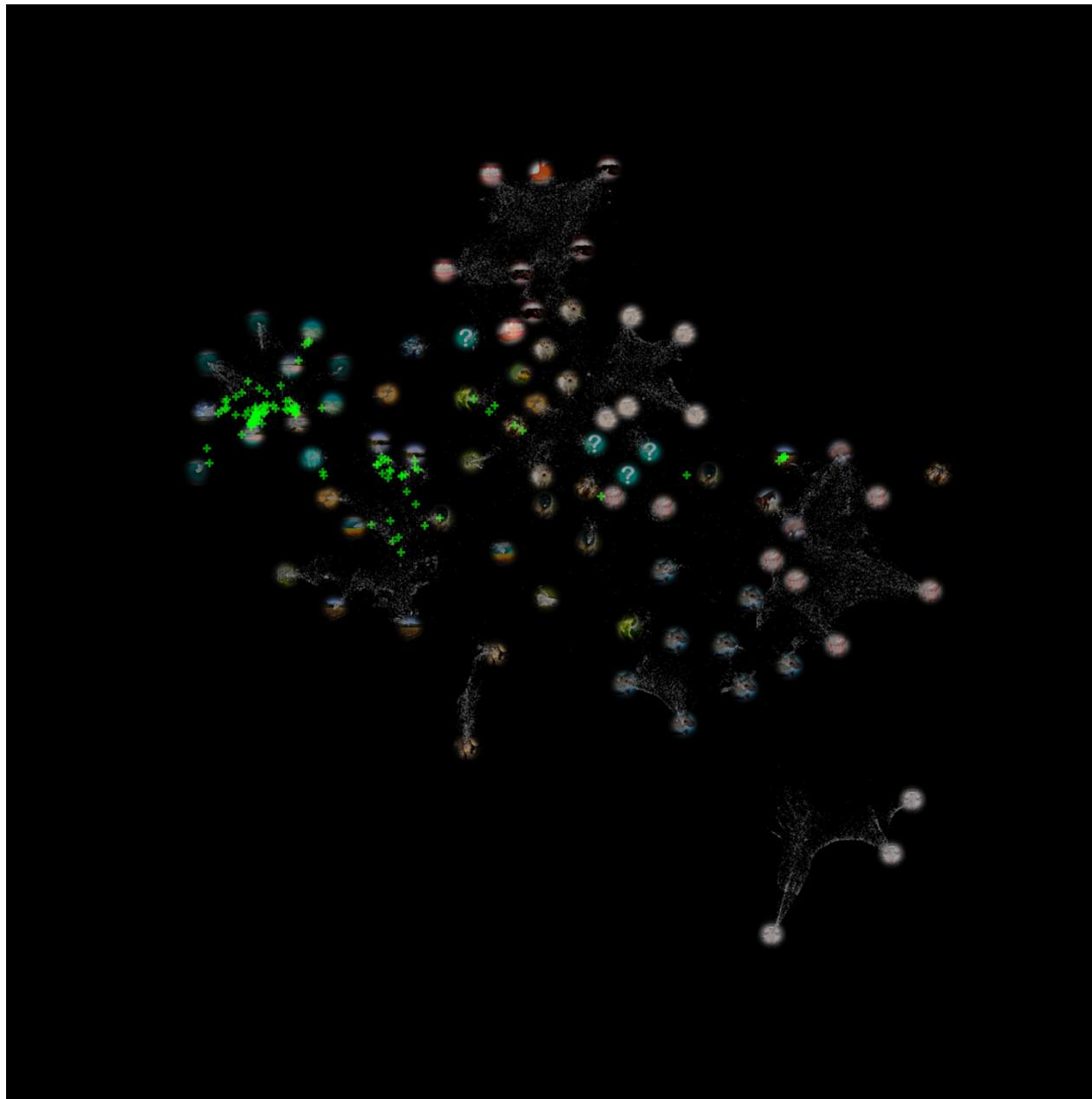
F

EMPO-Level 3 “Soil (non-saline)” ... e.g. soil from forest, grassland, tundra, desert.



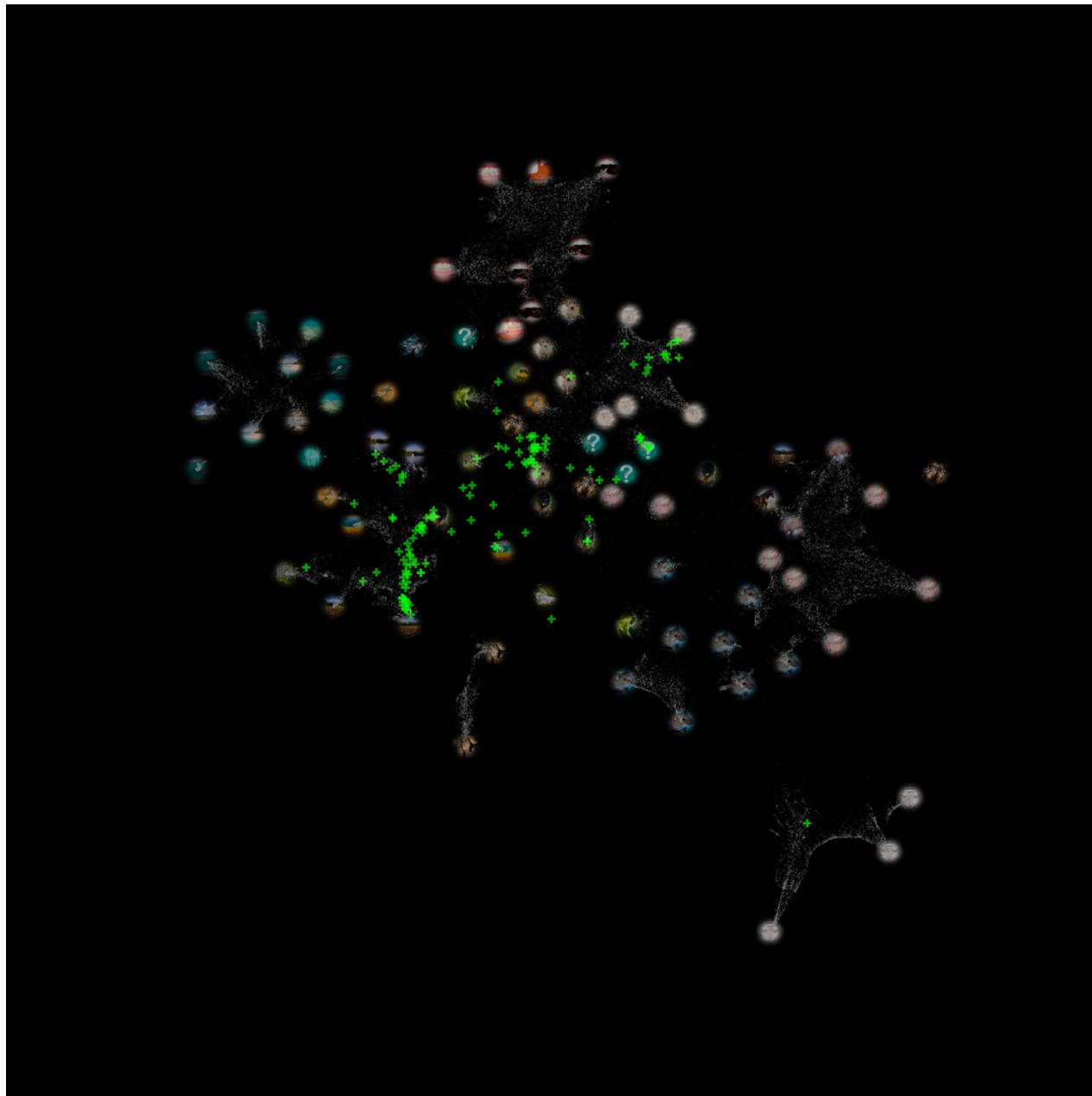
G

EMPO-Level 3 “Surface (saline)” ... e.g. biofilm from wet or underwater surface or microbial mat (>5 psu)



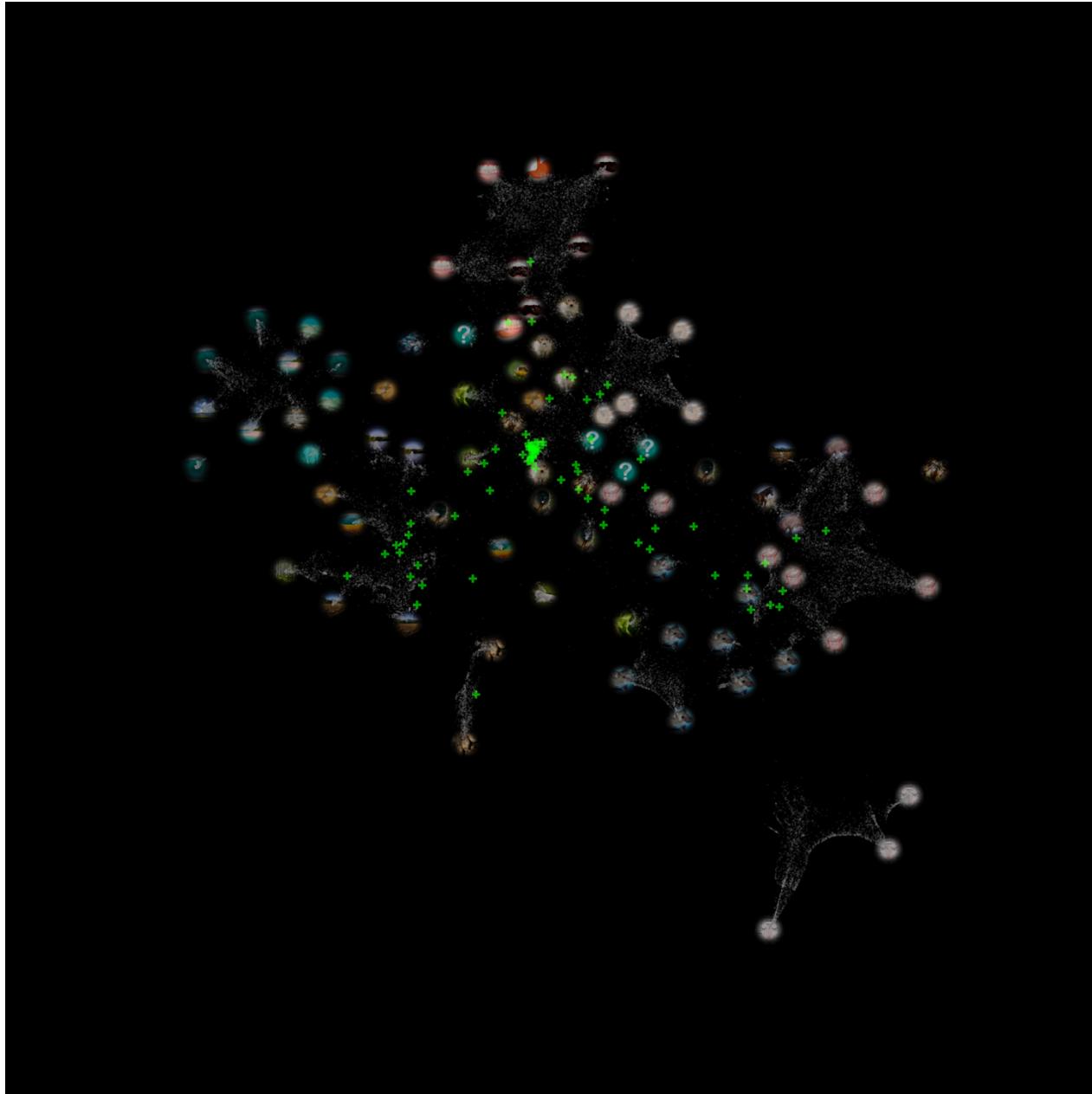
H

EMPO-Level 3 “Surface (non-saline)” ... e.g. biofilm from wet (<5 psu) or dry surface, wood, dust, microbial mat



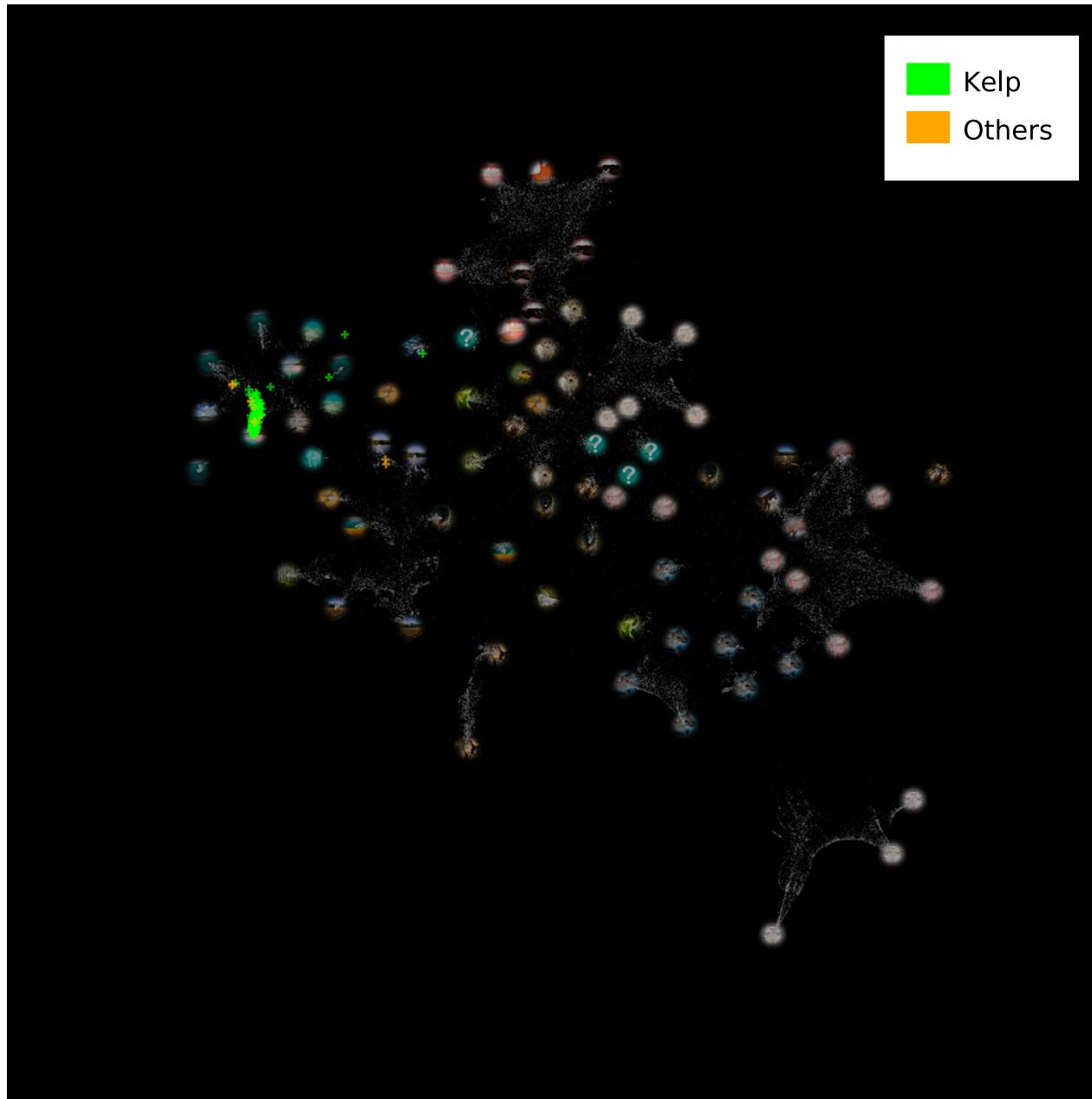
I

EMPO-Level 3 “Aerosol (non-saline)” ... e.g. aerosolized dust or liquid



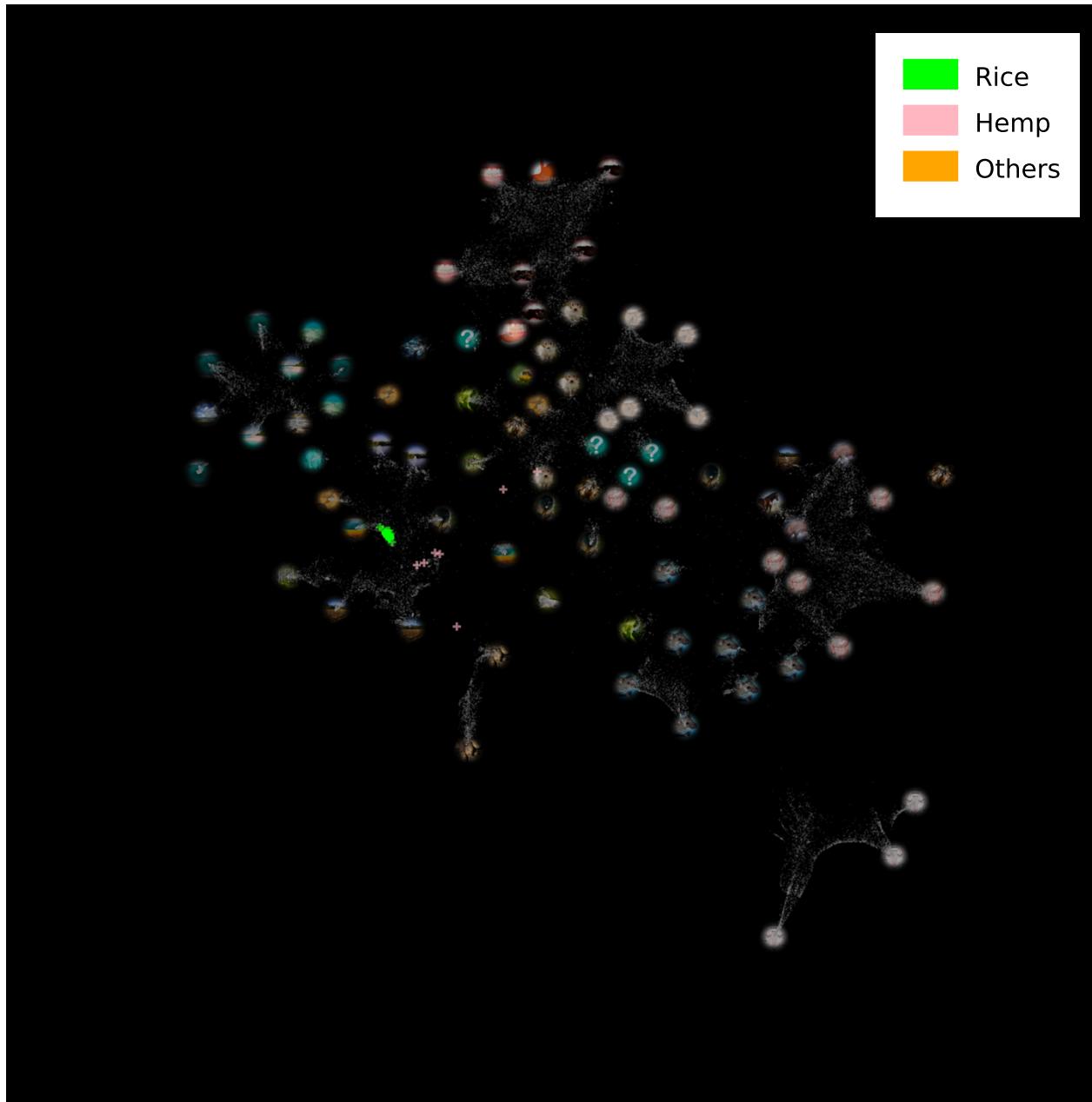
J

EMPO-Level 3 “Plant surface” ... e.g. leaf or kelp surface biofilm



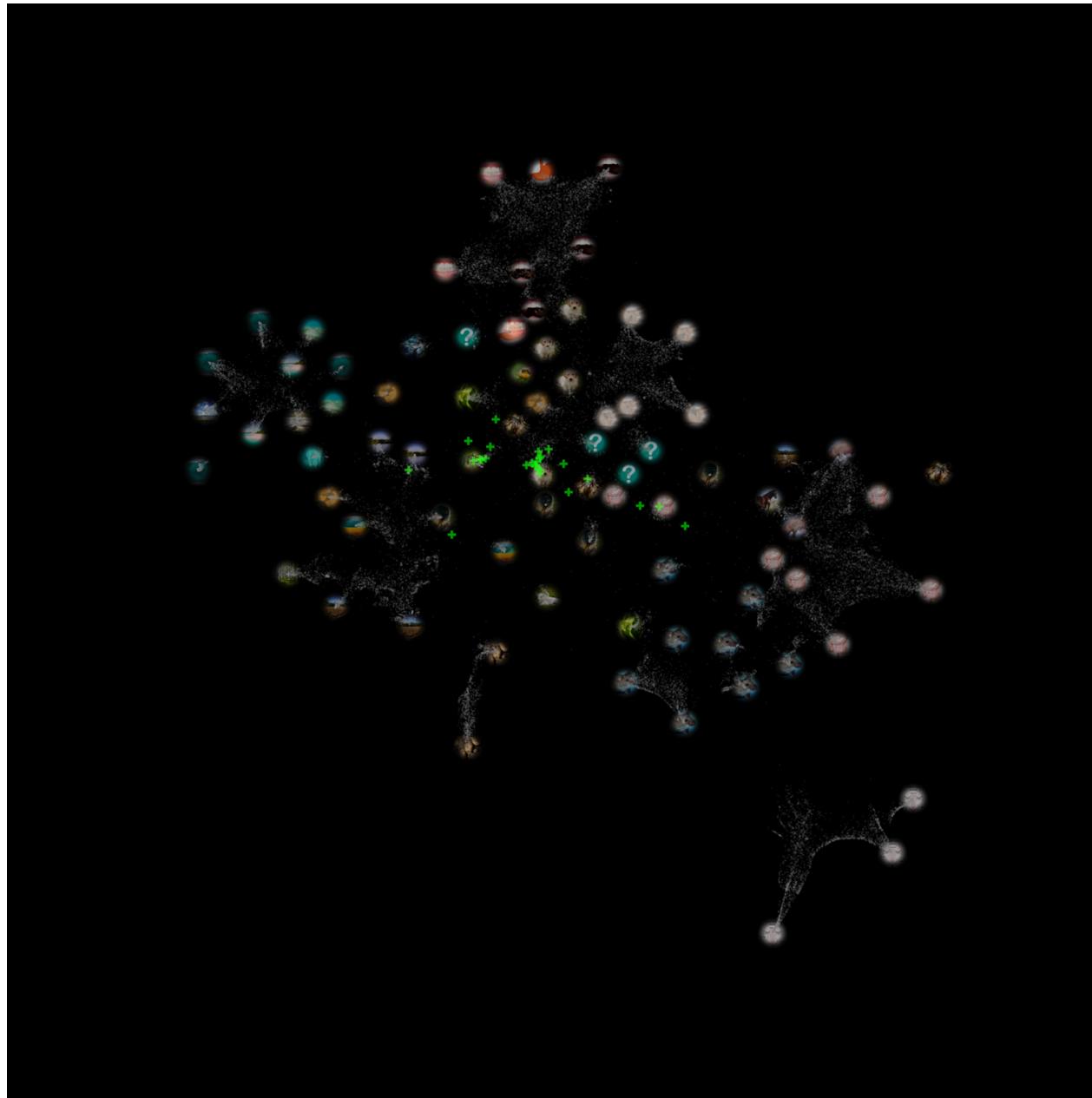
K

EMPO-Level 3 “Plant rhizosphere” ... e.g. plant root system, may include some soil



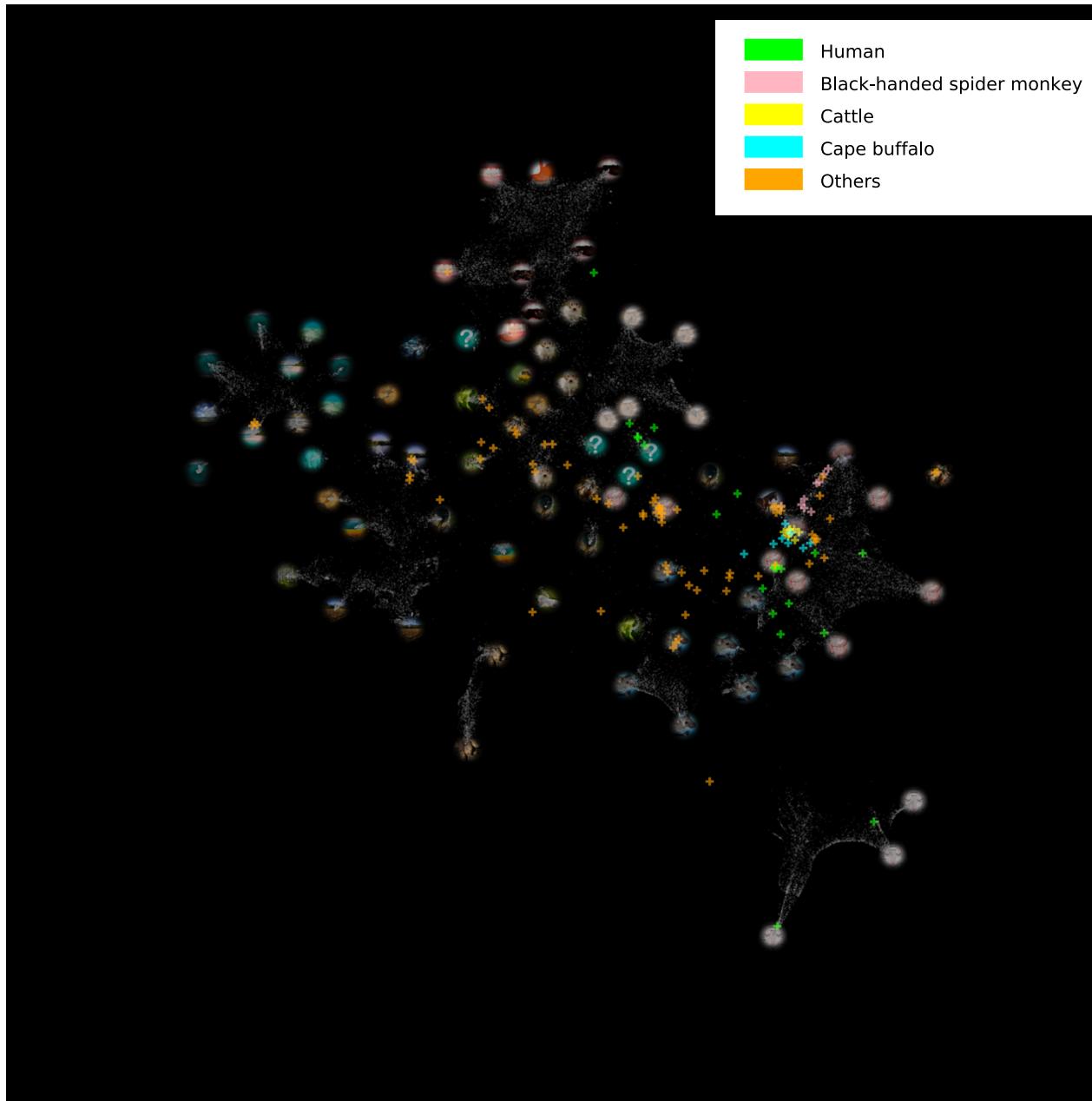
L

EMPO-Level 3 “Plant corpus” ... e.g. tissue of leaf, stem, fruit, algae



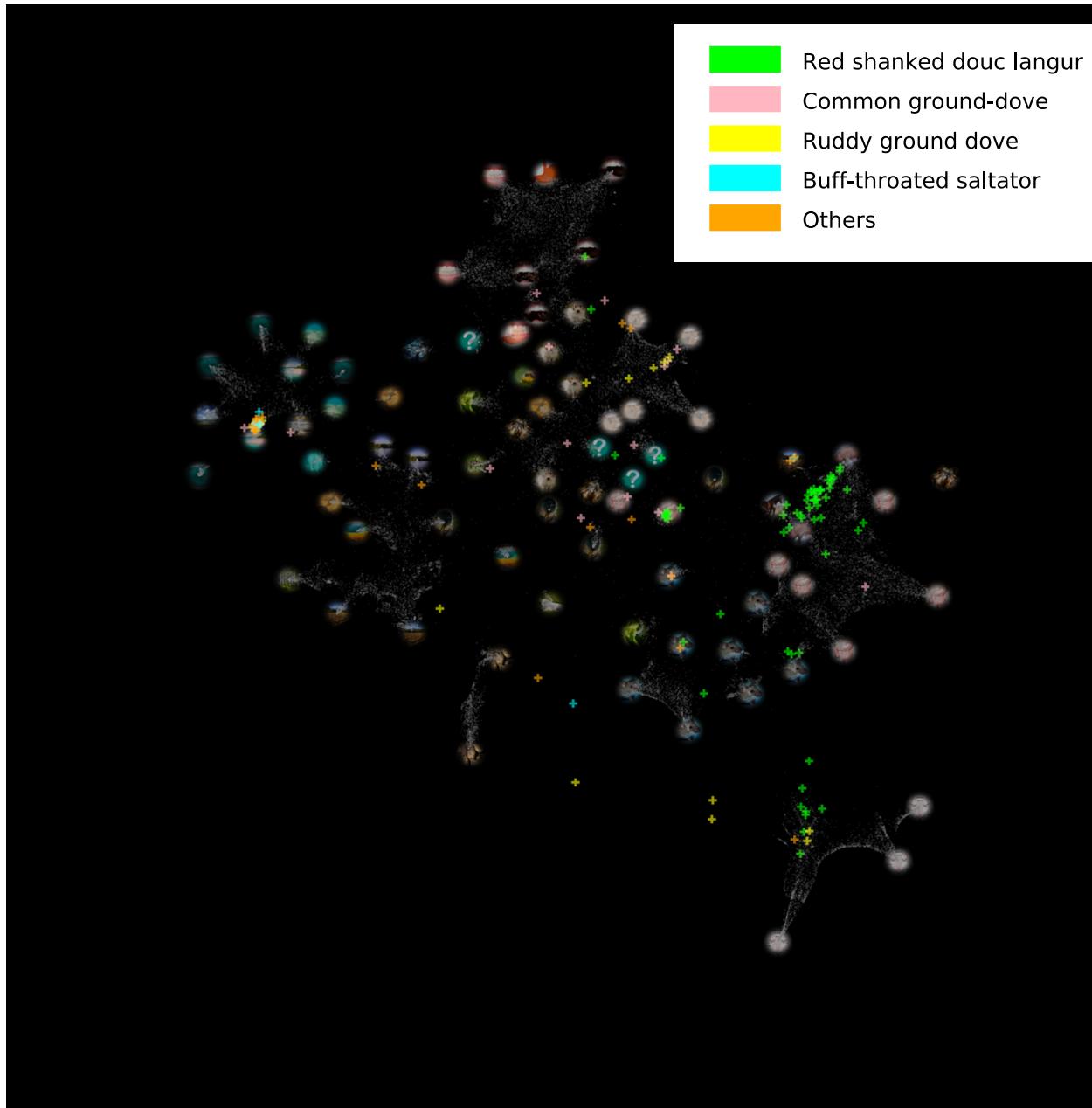
M

EMPO-Level 3 “Animal distal gut” ... e.g. feces, stool



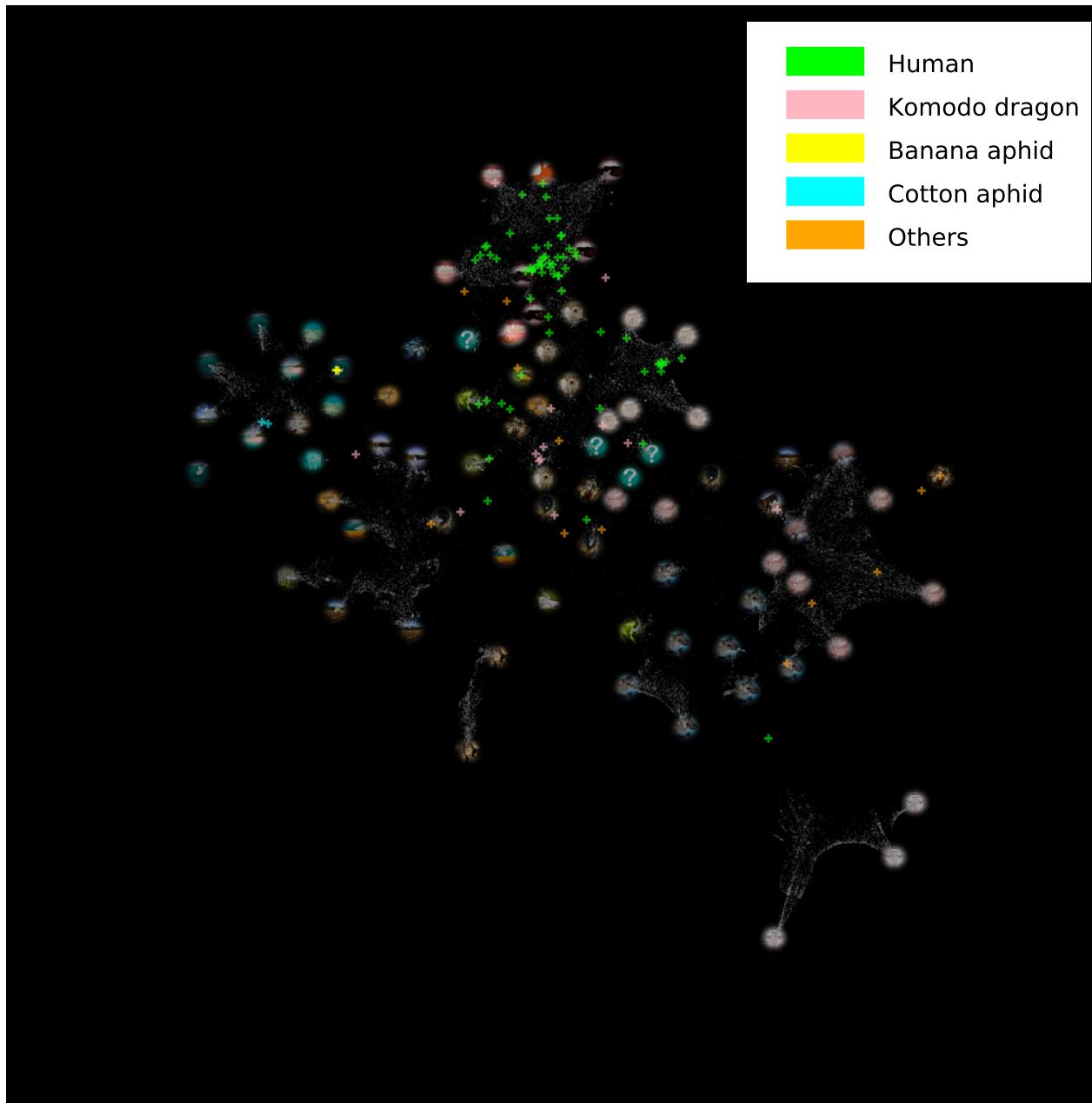
N

EMPO-Level 3 “Animal proximal gut” ... e.g. gut intestine, gizzard, crop, lumen, mucosa



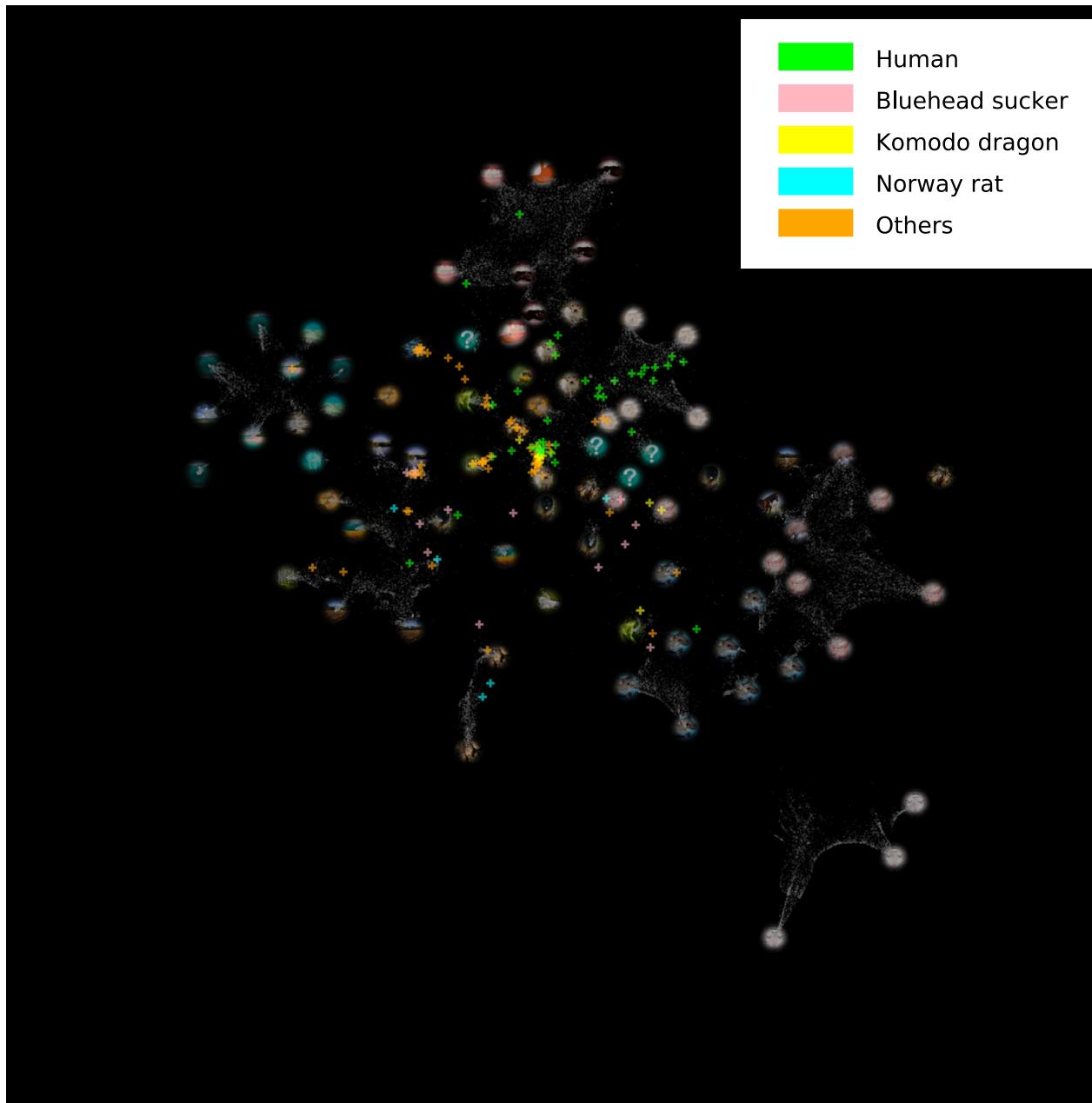
O

EMPO-Level 3 “Animal secretion” ... e.g. saliva, breast milk, vaginal secretion



P

EMPO-Level 3 “Animal surface” ... e.g. skin, sebum, mucus, slime



Q

EMPO-Level 3 “Animal corpus” ... e.g. tissue of sponge, coral, gill, siphon, carcass, etc. or whole small animal

