

Supplementary Materials: MorphoCluster: Efficient Annotation of Plankton images by Clustering

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1. Label supercategories

This list accompanies Figure 6 and shows all labels contained in the colored supercategories.

3 **artefact* (23, darkgray):** artefact, artefact/badfocus, artefact/badfocus/badfocus_to_aggregate,
 4 artefact/badfocus/badfocus_to_oversegmented, artefact/badfocus/badfocus_to_oversegmented,
 5 artefact/badfocus/shrimp-badfocus_to_oversegmented, artefact/bubbles/bubbles-hexagonal,
 6 artefact/bubbles/bubbles-hexagonal_to_badfocus, artefact/bubbles/bubbles-two-halfmoons,
 7 artefact/bubbles/bubbles-two-stars, artefact/bubbles/bubbles-two-stars, artefact/cut,
 8 artefact/cut/cut-aggregates-jellies, artefact/cut/cut-aggregates-turbid, artefact/cut/cut-fibers_to_turbid,
 9 artefact/cut/cut-jellies, artefact/cut/cut-jellies-quadratic, artefact/cut/cut-tentacles,
 10 artefact/cut/tentacles-large-aggregates-cut, artefact/seafloor, artefact/turbid, artefact/turbid/turbid-fuzzy,
 11 artefact/turbid/turbid-w-objects

12 **detritus/acantharia-remains_to_fiber* (1, darkgoldenrod):** detritus/acantharia-remains_to_fiber

13 **detritus/aggregate* (59, peru):** detritus/aggregate/aggregate-angled-grey, detritus/aggregate/aggregate-angled-grey_to_crustacea,
 14 detritus/aggregate/aggregate-ball-dark, detritus/aggregate/aggregate-balls-fluffy-grey,
 15 detritus/aggregate/aggregate-balls-grey_to_aggregate-fluffy-grey, detritus/aggregate/aggregate-compact-fluffy-dark,
 16 detritus/aggregate/aggregate-compact-fluffy-grey, detritus/aggregate/aggregate-compact-fluffy_to_feces,
 17 detritus/aggregate/aggregate-compact-grey, detritus/aggregate/aggregate-compact-grey_to_rhizaria,
 18 detritus/aggregate/aggregate-compact-large-grey, detritus/aggregate/aggregate-compact-small-grey,
 19 detritus/aggregate/aggregate-dark-fluffy-ball, detritus/aggregate/aggregate-fiber-fluffy-dark,
 20 detritus/aggregate/aggregate-fiber-fluffy-grey, detritus/aggregate/aggregate-fluff-dark-edges,
 21 detritus/aggregate/aggregate-fluffy-dark, detritus/aggregate/aggregate-fluffy-dark-two-spots,
 22 detritus/aggregate/aggregate-fluffy-dark_to_feces, detritus/aggregate/aggregate-fluffy-dark_to_fiber-fluffy-dark,
 23 detritus/aggregate/aggregate-fluffy-grey, detritus/aggregate/aggregate-fluffy-large-compact-maybe-from-appendicularia,
 24 detritus/aggregate/aggregate-fluffy-light, detritus/aggregate/aggregate-fluffy-light-w-flota,
 25 detritus/aggregate/aggregate-fluffy-lightgrey, detritus/aggregate/aggregate-fluffy-lightgrey_to_feces,
 26 detritus/aggregate/aggregate-fluffy-loose-fiber_to_oversegmented, detritus/aggregate/aggregate-fluffy-loose-grey,
 27 detritus/aggregate/aggregate-fluffy-loose-grey_to_fluffy_fiber, detritus/aggregate/aggregate-fluffy-loose-lightgrey,
 28 detritus/aggregate/aggregate-fluffy-sinker_to_fiber-bundle, detritus/aggregate/aggregate-fluffy-very-faint_to_badfocus,
 29 detritus/aggregate/aggregate-fluffy-w-many-dark-spots, detritus/aggregate/aggregate-fluffy-w-two-dots,
 30 detritus/aggregate/aggregate-large-ball_to_globule, detritus/aggregate/aggregate-large-fluffy-and-appendicularia,
 31 detritus/aggregate/aggregate-large-marine-snow-w-black-parts_to_cut, detritus/aggregate/aggregate-long-fluffy-dark_to_fiber,
 32 detritus/aggregate/aggregate-rings-small-dark, detritus/aggregate/aggregate-sinker-large-fluffy,
 33 detritus/aggregate/aggregate-small-feathery_to_compact, detritus/aggregate/aggregate-small-fibers-grey_to_compact,
 34 detritus/aggregate/aggregate-small-grey-compact, detritus/aggregate/aggregate-thorny-grey,
 35 detritus/aggregate/aggregate-thorny-grey_to_crustacea, detritus/aggregate/aggregate-very-fluffy,
 36 detritus/aggregate/aggregate-very-fluffy-and-large, detritus/aggregate/aggregate-very-fluffy-loose-grey,
 37 detritus/aggregate/aggregate-very-large-fluffy, detritus/aggregate/aggregate-very-large-w-cut-tentacles,
 38 detritus/aggregate/aggregate-very-loose-grey, detritus/aggregate/aggregate-very-loose-w-dark-spots,
 39 detritus/aggregate/aggregate_dark_thorny_to_fiber, detritus/aggregate/aggregate_to_crustacea-decaying,
 40 detritus/aggregate/aggregate_to_solitary-black, detritus/aggregate/fluffy-grey,
 41 detritus/aggregate/jelly-like-remains-and-dark-spots, detritus/aggregate/small-aggregates-mixed-w-compact,
 42 detritus/aggregate/very-fluffy-possibly-discarded-appendicularia-houses

43 **detritus/compact* (21, sienna):** detritus/compact/compact-almond-grey_to_bubble, detritus/compact/compact-angled-dark,
 44 detritus/compact/compact-angled-dark_to_small-crustacea, detritus/compact/compact-dark,
 45 detritus/compact/compact-dark-thorny, detritus/compact/compact-dark-twins_to_bubble-stars,
 46 detritus/compact/compact-dark_to_aggregate-dark-fluffy, detritus/compact/compact-dark_to_crustacea,
 47 detritus/compact/compact-doubles-w-fluffy-surrounds, detritus/compact/compact-grey,
 48 detritus/compact/compact-grey-egg-form, detritus/compact/compact-grey-slightly-fluffy,
 49 detritus/compact/compact-grey-w-small-jellies_to_aggregate, detritus/compact/compact-light-grey_to_globule,
 50 detritus/compact/compact-round-black_to_solitary-black, detritus/compact/compact-small-dark_to_crustacea,
 51 detritus/compact/compact-small-round-grey, detritus/compact/compact-small-round-grey_to_solitary-black,
 52 detritus/compact/compact-thorny-dark_to_small-crustacea, detritus/compact/compact-w-fluffy-surrounds,
 53 detritus/compact/dark-compact-thorny_to_crustacea_small

54 **detritus/crustacea-parts* (1, maroon):** detritus/crustacea-parts

55 **detritus/feces* (9, saddlebrown):** detritus/feces/feces-bended-lengthy, detritus/feces/feces-dark-straight_to_trichodesmium-tuft,
 56 detritus/feces/feces-little-bended, detritus/feces/feces-little-fluffy, detritus/feces/feces-short-grey_to_trichodesmium-tuft,

57 detritus/feces/feces-small-grey, detritus/feces/feces-straight-faint-fluffy, detritus/feces/feces-straight-grey,
 58 detritus/feces/feces_to_trichodesmium-tuft
 59 **detritus/fiber* (31, goldenrod):** detritus/fiber/fiber-bended-fluffy, detritus/fiber/fiber-bended-long-slightly-bundled,
 60 detritus/fiber/fiber-bended-ring-like, detritus/fiber/fiber-bended-thin, detritus/fiber/fiber-bended_to_tuft-sharp-ending,
 61 detritus/fiber/fiber-bundles-grey_to_aggregates-fluffy-grey, detritus/fiber/fiber-bundle,
 62 detritus/fiber/fiber-bundle-fluffy, detritus/fiber/fiber-bundle-grey, detritus/fiber/fiber-bundle-grey-small,
 63 detritus/fiber/fiber-bundle-large_to_aggregate, detritus/fiber/fiber-bundle-small,
 64 detritus/fiber/fiber-bundle-small-fragile, detritus/fiber/fiber-bundle-small_to_puff, detritus/fiber/fiber-fluffy-grey,
 65 detritus/fiber/fiber-fluffy-w-dark-spots, detritus/fiber/fiber-fluffy_to_feces, detritus/fiber/fiber-large-bundle,
 66 detritus/fiber/fiber-large-long-fluffy, detritus/fiber/fiber-long-slightly-bended-multiple, detritus/fiber/fiber-loops,
 67 detritus/fiber/fiber-medium-bended_to_feces, detritus/fiber/fiber-straight-w-knot, detritus/fiber/fiber-thin-w-dots,
 68 detritus/fiber/fiber-thin_to_chaetognatha, detritus/fiber/fiber_to_puff, detritus/fiber/fiber_to_rhizaria-spiky,
 69 detritus/fiber/fiber_to_small-crustacean, detritus/fiber/fiber_to_solitary-black, detritus/fiber/fluffy_fiber,
 70 detritus/fiber/fluffy_fiber/fluffy-fiber
 71 **detritus/rhizaria-remains_to_aggregate_small_fluffy* (1, tan):** detritus/rhizaria-remains_to_aggregate_small_fluffy
 72 **metazoa/appendicularia* (2, mediumvioletred):** metazoa/appendicularia/appendicularia-hous,
 73 metazoa/appendicularia/appendicularia-inner-house
 74 **metazoa/chaetognatha* (3, blueviolet):** metazoa/chaetognatha, metazoa/chaetognatha/chaetognatha_to_badfocus,
 75 metazoa/chaetognatha/chaetognatha_to_cut
 76 **metazoa/crustacea* (41, red):** metazoa/crustacea/amphipoda, metazoa/crustacea/amphipoda-like,
 77 metazoa/crustacea/copepoda, metazoa/crustacea/copepoda-dark_to_amphipoda,
 78 metazoa/crustacea/copepoda-like, metazoa/crustacea/copepoda-like_to_detritus_compact_angled_grey,
 79 metazoa/crustacea/copepoda-like_to_ostracoda-like, metazoa/crustacea/copepoda-to-detritus,
 80 metazoa/crustacea/copepoda/calanoida, metazoa/crustacea/copepoda/calanoida/dorsal-or-ventral,
 81 metazoa/crustacea/copepoda/calanoida/side-view, metazoa/crustacea/copepoda/calanoida/side-views,
 82 metazoa/crustacea/copepoda/copepoda-compact-dark, metazoa/crustacea/copepoda/copepoda-like,
 83 metazoa/crustacea/copepoda/copepoda-side-view_to_detritus_compact-grey, metazoa/crustacea/copepoda/copepoda-small-feathery,
 84 metazoa/crustacea/copepoda/harpacticoida, metazoa/crustacea/copepoda/mixed-view,
 85 metazoa/crustacea/copepoda/small-side-view, metazoa/crustacea/copepoda_to_badfocus,
 86 metazoa/crustacea/crustacea-like, metazoa/crustacea/crustacea_to_amphipoda-like, metazoa/crustacea/drop-like,
 87 metazoa/crustacea/drop-like_to_aggregate, metazoa/crustacea/drop-like_to_badfocus,
 88 metazoa/crustacea/drop-like_to_shrimp, metazoa/crustacea/ostracoda, metazoa/crustacea/pleuroncodes,
 89 metazoa/crustacea/shrimp, metazoa/crustacea/shrimp/shrimp-decaying-or-ill,
 90 metazoa/crustacea/shrimp/shrimp-front-view, metazoa/crustacea/shrimp/shrimp-head_to_shrimp-front-view,
 91 metazoa/crustacea/shrimp/shrimp-like, metazoa/crustacea/shrimp/shrimp-tails,
 92 metazoa/crustacea/shrimp/shrimp_to_oversegmented, metazoa/crustacea/shrimp_to_badfocus,
 93 metazoa/crustacea/shrimp_to_copepoda/drop_like, metazoa/crustacea/side-view,
 94 metazoa/crustacea/small_crustacea_to_feces, metazoa/crustacea/spider-like-amphipods,
 95 metazoa/crustacea/undefined
 96 **metazoa/drop-like* (1, salmon):** metazoa/drop-like
 97 **metazoa/fish* (1, darkslateblue):** metazoa/fish
 98 **metazoa/jellies* (14, darkcyan):** metazoa/jellies/cnidaria/bitentaculata, metazoa/jellies/cnidaria/fringed-jellies-w-dot,
 99 metazoa/jellies/cnidaria/jellies-large-medusa, metazoa/jellies/cnidaria/jellies-w-cross,
 100 metazoa/jellies/cnidaria/jellies-w-dot-and-edges, metazoa/jellies/cnidaria/jellies-w-dots_to_badfocus,
 101 metazoa/jellies/cnidaria/jellies-w-stripes, metazoa/jellies/cnidaria/jelly-small-rings_to_badcocus,
 102 metazoa/jellies/cnidaria/medusa-compact, metazoa/jellies/cnidaria/medusa-large_to_cut,
 103 metazoa/jellies/cnidaria/round-jellies-w-dot, metazoa/jellies/cnidaria/small-jellies-w-dot,
 104 metazoa/jellies/ctenophora/beroe-type, metazoa/jellies/ctenophora/top-view
 105 **metazoa/mollusca* (4, indigo):** metazoa/mollusca/snail, metazoa/mollusca/veliger,
 106 metazoa/mollusca/veliger/veliger-straight-arms, metazoa/mollusca/veliger/veliger_to_solitary-black
 107 **metazoa/polychaeta* (6, magenta):** metazoa/polychaeta, metazoa/polychaeta/flota, metazoa/polychaeta/long-bended-worms,
 108 metazoa/polychaeta/poeobius, metazoa/polychaeta/short-bended-worms-feathery,
 109 metazoa/polychaeta/worms_to_badfocus
 110 **metazoa/salpida-larvae* (1, pink):** metazoa/salpida-larvae
 111 **mix* (5, lightgray):** mix/crustacea_to_badfocus, mix/detritus_to_chaetognatha, mix/detritus_to_crustacea,
 112 mix/fiber_tentacles, mix/mix-of-different-grey-items
 113 **rhizaria* (14, aqua):** rhizaria/almond-eye, rhizaria/collocladia/colonial, rhizaria/double-lobes,
 114 rhizaria/eight-armed, rhizaria/rhizaria-mix, rhizaria/rhizaria-small_to_compact, rhizaria/rhizaria_to_detritus,
 115 rhizaria/six-lobes, rhizaria/sphere-eye-w-spikes, rhizaria/triangular-eye-w-spikes,
 116 rhizaria/triangular-sphere, rhizaria/triangular-sphere_to_sphere-legs, rhizaria/unknown-four-lobes-w-spikes,
 117 rhizaria/unknown-quadruple-colony
 118 **rhizaria/acantharia* (3, lightblue):** rhizaria/acantharia, rhizaria/acantharia/acantharia-small_to_solitary-black,
 119 rhizaria/acantharia_to_spiky
 120 **rhizaria/foraminifera* (5, skyblue):** rhizaria/foraminifera/foraminifera-tight, rhizaria/foraminifera/foraminifera_to_foraminifera-cut,
 121 rhizaria/foraminifera_to_fiber-bundle-fluffy, rhizaria/foraminifera_to_sphere-legs, rhizaria/foraminifera_to_spiky

122 **rhizaria/globule* (3, deepskyblue):** rhizaria/globule/globule_to_badfocus, rhizaria/globule/globule_to_sphere_thorn,
 123 rhizaria/globule/small-globule
 124 **rhizaria/solitary-black* (11, cornflowerblue):** rhizaria/solitary-black, rhizaria/solitary-black-faint,
 125 rhizaria/solitary-black-like, rhizaria/solitary-black-like_to_acantharia, rhizaria/solitary-black-like_to_rhizaria,
 126 rhizaria/solitary-black/solitary-black-large, rhizaria/solitary-black/solitary-black-like,
 127 rhizaria/solitary-black/solitary-black-small, rhizaria/solitary-black/solitary-black-small-w-grey-surrounds,
 128 rhizaria/solitary-black/solitary-black_to_sphere_eye, rhizaria/solitary-black_to_puff
 129 **rhizaria/sphere-thorn* (6, dodgerblue):** rhizaria/sphere-thorn, rhizaria/sphere-thorn/sphere-thorn-doubles,
 130 rhizaria/sphere-thorn/sphere-thorn_to_badfocus, rhizaria/sphere-thorn/sphere_thorn/sphere-thorn_to_badfocus,
 131 rhizaria/sphere-thorn_to_legs, rhizaria/sphere-thorns-w-balls
 132 **trichodesmium/puff* (6, greenyellow):** trichodesmium/puff, trichodesmium/puff/puff-large,
 133 trichodesmium/puff/puff-large-small, trichodesmium/puff/puff-large_to_fiber-bundle,
 134 trichodesmium/puff/puff-medium, trichodesmium/puff/puff-small
 135 **trichodesmium/tuft* (5, limegreen):** trichodesmium/tuft/feathery-ending, trichodesmium/tuft/feathery-sharp-ending,
 136 trichodesmium/tuft/sharp-ending, trichodesmium/tuft/trichodesmium-tuft-dark_to_feces,
 137 trichodesmium/tuft/tuft-grey-irregular
 138 **unknown* (15, gainsboro):** unknown, unknown/ball-w-tentacles, unknown/eggs-maybe, unknown/eye-slit,
 139 unknown/fiber_w_growth_in_middle, unknown/half-moon-w-dot, unknown/half-moon-w-dot_to_badfocus,
 140 unknown/halfmoon-w-dot, unknown/jelly, unknown/long-even, unknown/ovoid-w-dark-center-line,
 141 unknown/ovoid-w-dot, unknown/unkown/appendicularia_body_to_harpacticoid,
 142 unknown/unkown/small-rings-w-dots, unknown/weirdo

143 2. Corresponding labels

144 This list accompanies Figure 7 and contains the corresponding names in \mathcal{L}_0 and \mathcal{L}_{MC} . The initial
 145 class names are in the same order as in the figure. Manually established correspondences are printed
 146 in bold.

147 **Annelida_Polychaeta (0):** *n/a*
 148 **Crustacea_leg (0):** *n/a*
 149 **Diplostraca_Cladocera (0):** *n/a*
 150 **Euopisthobranchia_Thecosomata (0):** *n/a*
 151 **Mollusca_Cephalopoda (0):** *n/a*
 152 **Pyrosomatida_Pyrosoma (0):** *n/a*
 153 **Solmundella_Solmundella bitentaculata (0):** *n/a*
 154 **detritus_light (0):** *n/a*
 155 **othertocheck_darksphere (0):** *n/a*
 156 **temporary_t009 (0):** *n/a*
 157 **Appendicularia_body (1):** aggregate/aggregate-balls-grey_to_aggregate-fluffy-grey
 158 **Arthropoda_Crustacea (1):** crustacea/spider-like-amphipods
 159 **Collodaria_solitaryfuzzy (1):** rhizaria/solitary-black-like_to_rhizaria
 160 **Euopisthobranchia_Gymnosomata (1):** fiber/fiber-bundles-grey_to_aggregates-fluffy-grey
 161 **Munididae_Pleuroncodes (1):** crustacea/pleuroncodes
 162 **Terebellida_Flota (1):** polychaeta/flota
 163 **Thaliacea_Salpida (1):** cut/cut-aggregates-jellies
 164 **Trachylina_Narcomedusae (1):** cnidaria/medusa-large_to_cut
 165 **temporary_t002 (1):** rhizaria/eight-armed
 166 **temporary_t003 (1):** rhizaria/six-lobes
 167 **temporary_t005 (1):** rhizaria/sphere-thorns-w-balls
 168 **temporary_t006 (1):** metazoa/salpida-larvae
 169 **temporary_t015 (1):** aggregate/aggregate-fluffy-dark_to_fiber-fluffy-dark
 170 **Appendicularia_house (2):** aggregate/aggregate-large-fluffy-and-appendicularia, aggregate/very-fluffy-possibly-discarded-appendicularia-houses
 171 **Hydroidolina_Siphonophorae (2):** artefact/cut, aggregate/aggregate-very-large-w-cut-tentacles
 172 **Metazoa_Ctenophora (2):** cut/cut-aggregates-turbid, ctenophora/beroe-type
 173 **Vertebrata_Gnathostomata (2):** metazoa/fish, chaetognatha/chaetognatha_to_cut
 174 **temporary_t004 (2):** rhizaria/triangular-sphere, rhizaria/triangular-eye-w-spikes
 175 **temporary_t010 (2):** aggregate/aggregate_dark_thorny_to_fiber, feces/feces-little-fluffy
 176 **temporary_t012 (2):** aggregate/aggregate-fluffy-lightgrey, feces/feces-straight-faint-fluffy
 177 **Aulacanthidae_Aulacantha (3):** rhizaria/sphere-thorn, rhizaria/rhizaria-mix, rhizaria/sphere-thorn_to_legs
 178 **Metazoa_Mollusca (3):** compact/compact-dark_to_aggregate-dark-fluffy, crustacea/crustacea-like, rhizaria/double-lobes
 179 **Phaeosphaerida_Aulosphaeridae (3):** rhizaria/sphere-eye-w-spikes, solitary-black/solitary-black-small-w-grey-surrounds,
 180 sphere-thorn/sphere-thorn_to_badfocus
 181 **Terebellida_Poeobius (3):** polychaeta/poeobius, compact/compact-doubles-w-fluffy-surrounds, fiber/fiber-bundle
 182 **Tunicata_Appendicularia (3):** aggregate/aggregate-large-marine-snow-w-black-parts_to_cut,
 183 aggregate/aggregate-very-fluffy-and-large, appendicularia/appendicularia-hous
 184 **artefact_turbid (3):** artefact/turbid, turbid/turbid-fuzzy, turbid/turbid-w-objects

185 **detritus_compact (3):** aggregate/aggregate-fluff-dark-edges, compact/compact-dark,
 186 compact/compact-small-dark_to_crustacea
 187 **temporary_t001 (3):** fiber/fiber-loops, rhizaria/almond-eye, unknown/halfmoon-w-dot
 188 **Hydrozoa_Cnidaria (4):** aggregate/aggregate-very-fluffy, cnidaria/fringed-jellies-w-dot, cnidaria/jellies-w-cross,
 189 cnidaria/jellies-w-stripes
 190 **Retaria_Foraminifera (4):** cut/cut-tentacles, foraminifera/foraminifera-tight, foraminifera/foraminifera_to_foraminifera-cut,
 191 rhizaria/foraminifera_to_spiky
 192 **Metazoa_Chaetognatha (5):** metazoa/chaetognatha, fiber/fiber-fluffy-grey, fiber/fiber-thin_to_chaetognatha,
 193 chaetognatha/chaetognatha_to_badfocus, mix/fiber_tentacles
 194 **Mollusca_veliger (5):** mollusca/veliger, aggregate/aggregate_to_solitary-black, aggregate/small-aggregates-mixed-w-compact,
 195 detritus/rhizaria-remains_to_aggregate_small_fluffy, veliger/veliger-straight-arms
 196 **Oligostraca_Ostracoda (5):** crustacea/ostracoda, aggregate/aggregate-angled-grey, compact/compact-dark-thorny,
 197 copepoda/copepoda-side-view_to_detritus-compact-grey, mix/mix-of-different-grey-items
 198 **Retaria_Acantharea (5):** rhizaria/acantharia, aggregate/aggregate-compact-large-grey, fiber/fiber_to_solitary-black,
 199 rhizaria/acantharia_to_spiky, tuft/tuft-grey-irregular
 200 **detritus_ovoid (5):** aggregate/aggregate-compact-grey, aggregate/aggregate-rings-small-dark,
 201 compact/compact-grey-egg-form, compact/compact-grey-slightly-fluffy, unknown/eye-slit
 202 **fiber_fluffy (5):** aggregate/aggregate-compact-fluffy_to_feces, aggregate/aggregate-fluffy-w-two-dots,
 203 aggregate/aggregate-very-loose-w-dark-spots, fiber/fiber-fluffy-w-dark-spots,
 204 unknown/appendicularia_body_to_harpacticoid
 205 **fluffy_light (5):** aggregate/aggregate-fluffy-loose-grey_to_fluffy_fiber, aggregate/aggregate-fluffy-loose-lightgrey,
 206 aggregate/aggregate-very-fluffy-loose-grey, mix/detritus_to_crustacea, unknown/ovoid-w-dot
 207 **temporary_t011 (5):** aggregate/aggregate-fiber-fluffy-dark, aggregate/aggregate-fiber-fluffy-grey,
 208 aggregate/aggregate-fluffy-dark, aggregate/aggregate-fluffy-lightgrey_to_feces,
 209 aggregate/aggregate-thorny-grey_to_crustacea
 210 **Collodaria_collonial (6):** collodaria/colonial, aggregate/aggregate-fluffy-large-compact-maybe-from-appendicularia,
 211 aggregate/aggregate-large-ball_to_globule, aggregate/aggregate-very-loose-grey, sphere-thorn/sphere-thorn-doubles,
 212 unknown/small-rings-w-dots
 213 **Collodaria_solitaryblack (6):** rhizaria/solitary-black, compact/compact-round-black_to_solitary-black,
 214 rhizaria/rhizaria_to_detritus, rhizaria/solitary-black-like_to_acantharia, solitary-black/solitary-black-large,
 215 solitary-black/solitary-black_to_sphere_eye
 216 **Collodaria_solitarygrey (6):** aggregate/aggregate-ball-dark, aggregate/aggregate-fluffy-w-many-dark-spots,
 217 compact/compact-small-round-grey_to_solitary-black, acantharia/acantharia-small_to_solitary-black,
 218 rhizaria/rhizaria-small_to_compact, rhizaria/solitary-black-faint
 219 **Metazoa_Cnidaria (6):** cut/cut-jellies, aggregate/aggregate-balls-fluffy-grey, cnidaria/bitentaculata,
 220 cnidaria/jellies-large-medusa, cnidaria/jellies-w-dot-and-edges, cnidaria/round-jellies-w-dot
 221 **Trichodesmium_tuff (6):** feces/feces-short-grey_to_trichodesmium-tuft, fiber/fiber-bundle-grey-small,
 222 puff/puff-large_to_fiber-bundle, tuft/feathery-ending, tuft/feathery-sharp-ending, tuft/sharp-ending
 223 **Cnidaria_Hydrozoa (7):** aggregate/aggregate-compact-fluffy-grey, aggregate/aggregate-fluffy-light,
 224 compact/compact-grey-w-small-jellies_to_aggregate, fiber/fiber-bended-ring-like,
 225 cnidaria/jelly-small-rings_to_badfocus, cnidaria/small-jellies-w-dot, unknown
 226 **Phaeodaria_leg (7):** rhizaria/foraminifera_to_sphere-legs, detritus/acantharia-remains_to_fiber, fiber/fiber-bundle-small,
 227 fiber/fiber_to_rhizaria-spiky, rhizaria/foraminifera_to_fiber-bundle-fluffy, rhizaria/solitary-black-like,
 228 rhizaria/triangular-sphere_to_sphere-legs
 229 **Collodaria_solitaryglobule (8):** aggregate/aggregate-compact-fluffy-dark, aggregate/aggregate-compact-grey_to_rhizaria,
 230 aggregate/aggregate-compact-small-grey, compact/compact-light-grey_to_globule, cnidaria/jellies-w-dots_to_badfocus,
 231 globule/globule_to_badfocus, globule/globule_to_sphere_thorn, globule/small-globule
 232 **artefact_badfocus (8):** artefact/badfocus, badfocus/badfocus_to_aggregate, badfocus/badfocus_to_oversegmented,
 233 bubbles/bubbles-hexagonal_to_badfocus, cut/cut-jellies-quadratic, aggregate/aggregate-fluffy-loose-fiber_to_oversegmented,
 234 aggregate/aggregate-fluffy-very-faint_to_badfocus, fiber/fiber-fluffy_to_feces
 235 **artefact_bubble (8):** bubbles/bubbles-hexagonal, bubbles/bubbles-two-halfmoons, bubbles/bubbles-two-stars,
 236 compact/compact-almond-grey_to_bubble, compact/compact-dark-twins_to_bubble-stars, compact/compact-grey,
 237 compact/compact-w-fluffy-surrounds, fiber/fiber-bended_to_tuft-sharp-ending
 238 **not-living_feces (8):** compact/compact-angled-dark, feces/feces-dark-straight_to_trichodesmium-tuft,
 239 feces/feces-little-bended, feces/feces-small-grey, feces/feces-straight-grey, feces/feces_to_trichodesmium-tuft,
 240 tuft/trichodesmium-tuft-dark_to_feces, unknown/long-even
 241 **Metazoa_Annelida (9):** aggregate/aggregate-fluffy-light-w-flota, aggregate/aggregate-long-fluffy-dark_to_fiber,
 242 fiber/fiber-bended-long-slightly-bundled, fiber/fiber-bundle-large_to_aggregate, fiber/fiber-large-long-fluffy,
 243 metazoa/polychaeta, polychaeta/long-bended-worms, polychaeta/worms_to_badfocus, mix/detritus_to_chaetognatha
 244 **detritus_fiber (10):** cut/cut-fibers_to_turbid, aggregate/aggregate-fluffy-sinker_to_fiber-bundle, feces/feces-bended-lengthy,
 245 fiber/fiber-bended-fluffy, fiber/fiber-bended-thin, fiber/fiber-long-slightly-bended-multiple,
 246 fiber/fiber-medium-bended_to_feces, fiber/fiber-straight-w-knot, fiber/fiber-thin-w-dots,
 247 unknown/half-moon-w-dot_to_badfocus

248 **fluffy_dark (12):** aggregate/aggregate-angled-grey_to_crustacea, aggregate/aggregate-dark-fluffy-ball,
 249 aggregate/aggregate-fluffy-dark-two-spots, aggregate/aggregate-fluffy-dark_to_feces, aggregate/aggregate-fluffy-grey,
 250 aggregate/aggregate-fluffy-loose-grey, aggregate/aggregate-small-fibers-grey_to_compact,
 251 aggregate/jelly-like-remains-and-dark-spots, crustacea/copepoda-dark_to_amphipoda,
 252 copepoda/copepoda-compact-dark, crustacea/undefined, ctenophora/top-view
 253 **Trichodesmium_puff (13):** trichodesmium/puff, aggregate/aggregate-small-feathery_to_compact,
 254 compact/compact-angled-dark_to_small-crustacea, compact/compact-small-round-grey, fiber/fiber-bundle-grey,
 255 fiber/fiber-bundle-small_to_puff, fiber/fiber_to_puff, solitary-black/solitary-black-small,
 256 rhizaria/solitary-black_to_puff, puff/puff-large, puff/puff-large-small, puff/puff-medium, puff/puff-small
 257 **Maxillopoda_Copepoda (19):** crustacea/copepoda, aggregate/aggregate-thorny-grey,
 258 compact/compact-thorny-dark_to_small-crustacea, fiber/fiber_to_small-crustacean, crustacea/amphipoda-like,
 259 crustacea/copepoda-like, crustacea/copepoda-like_to_detritus_compact_angled_grey,
 260 crustacea/copepoda-like_to_ostracoda-like, crustacea/copepoda-to-detritus, copepoda/calanoida,
 261 calanoida/dorsal-or-ventral, calanoida/side-view, copepoda/copepoda-small-feathery, copepoda/mixed-view,
 262 copepoda/small-side-view, crustacea/drop-like_to_aggregate, crustacea/small_crustacea_to_feces,
 263 unknown/ball-w-tentacles, unknown/fiber_w_growth_in_middle
 264 **Malacostraca_Eumalacostraca (25):** crustacea/shrimp, badfocus/shrimp-badfocus_to_oversegmented,
 265 aggregate/aggregate-sinker-large-fluffy, aggregate/aggregate-very-large-fluffy,
 266 aggregate/aggregate_to_crustacea-decaying, detritus/crustacea-parts, fiber/fiber-large-bundle,
 267 fiber/fluffy_fiber, crustacea/amphipoda, copepoda/harpacticoida, crustacea/copepoda_to_badfocus,
 268 crustacea/crustacea_to_amphipoda-like, crustacea/drop-like, crustacea/drop-like_to_badfocus,
 269 crustacea/drop-like_to_shrimp, shrimp/shrimp-decaying-or-ill, shrimp/shrimp-front-view,
 270 shrimp/shrimp-like, shrimp/shrimp-tails, shrimp/shrimp_to_oversegmented, crustacea/shrimp_to_badfocus,
 271 shrimp_to_copepoda/drop_like, crustacea/side-view, metazoa/drop-like, mix/crustacea_to_badfocus