1.CATEGORY KEYS

Afbeelding met grafiek

Automatisch gegenereerde beschrijving

2.TRAIN DATA

Afbeelding met grafiek

Automatisch gegenereerde beschrijving

3.Train JSON

Afbeelding met grafiek

Automatisch gegenereerde beschrijving

Afbeelding met grafiek

Automatisch gegenereerde beschrijving

many annotations are extremely small, but only a few annotations take up 0.15 of all the pixels in the image.

similar as previous but log and more detailed

Afbeelding met grafiek

Automatisch gegenereerde beschrijving

4 Evaluation Data (Json)

Afbeelding met grafiek

Automatisch gegenereerde beschrijving

| id | name | supercat |
| --- | --- | --- |
| 0 | 1 | Actiniaria | Anemone |
| 1 | 2 | Actinernus | Anemone |
| 2 | 3 | Actiniidae | Anemone |
| 3 | 4 | Actinoscyphia | Anemone |
| 4 | 5 | Bolocera | Anemone |
| 5 | 6 | Dofleinia | Anemone |
| 6 | 7 | Hormathiidae | Anemone |
| 7 | 8 | Isosicyonis | Anemone |
| 8 | 9 | Liponema brevicorne | Anemone |
| 9 | 10 | Metridium farcimen | Anemone |
| 10 | 11 | Actinopterygii | Fish |
| 11 | 12 | Agonidae | Fish |
| 12 | 13 | Albatrossia pectoralis | Fish |
| 13 | 14 | Alepocephalus tenebrosus | Fish |
| 14 | 15 | Anarrhichthys ocellatus | Fish |
| 15 | 16 | Anoplopoma fimbria | Fish |
| 16 | 17 | Antimora microlepis | Fish |
| 17 | 18 | Bathypterois | Fish |
| 18 | 19 | Bathysaurus mollis | Fish |
| 19 | 20 | Careproctus | Fish |
| 20 | 21 | Careproctus kamikawai | Fish |
| 21 | 22 | Careproctus melanurus | Fish |
| 22 | 23 | Careproctus ovigerus | Fish |
| 23 | 24 | Cataetyx | Fish |
| 24 | 25 | Chaunacops coloratus | Fish |
| 25 | 26 | Chilara taylori | Fish |
| 26 | 27 | Coryphaenoides | Fish |
| 27 | 28 | Gobiidae | Fish |
| 28 | 29 | Icelinus | Fish |
| 29 | 30 | Icelinus filamentosus | Fish |
| 30 | 31 | Lepidion | Fish |
| 31 | 32 | Liparidae | Fish |
| 32 | 33 | Lophiiformes | Fish |
| 33 | 34 | Luciobrotula | Fish |
| 34 | 35 | Lumpenus sagitta | Fish |
| 35 | 36 | Macrouridae | Fish |
| 36 | 37 | Merluccius productus | Fish |
| 37 | 38 | Moridae | Fish |
| 38 | 39 | Myctophidae | Fish |
| 39 | 40 | Nezumia liolepis | Fish |
| 40 | 41 | Nezumia stelgidolepis | Fish |
| 41 | 42 | Ophidiidae | Fish |
| 42 | 43 | Ophiodon elongatus | Fish |
| 43 | 44 | Paralepididae | Fish |
| 44 | 45 | Paraliparis | Fish |
| 45 | 46 | Plectobranchus evides | Fish |
| 46 | 47 | Porichthys mimeticus | Fish |
| 47 | 48 | Psychrolutes phrictus | Fish |
| 48 | 49 | Psychrolutidae | Fish |
| 49 | 50 | Scorpaeniformes | Fish |
| 50 | 51 | Sebastes | Fish |
| 51 | 52 | Sebastolobus | Fish |
| 52 | 53 | Spectrunculus grandis | Fish |
| 53 | 54 | Xeneretmus | Fish |
| 54 | 55 | Zaniolepis frenata | Fish |
| 55 | 56 | Zaniolepis latipinnis | Fish |
| 56 | 57 | Anguilliformes | Eel |
| 57 | 58 | Nettastoma parviceps | Eel |
| 58 | 59 | Ophichthus frontalis | Eel |
| 59 | 60 | Synaphobranchidae | Eel |
| 60 | 61 | Eptatretus | Eel |
| 61 | 62 | Bothrocara brunneum | Eel |
| 62 | 63 | Eucryphycus californicus | Eel |
| 63 | 64 | Lycenchelys | Eel |
| 64 | 65 | Lycenchelys crotalinus | Eel |
| 65 | 66 | Lycodapus | Eel |
| 66 | 67 | Lycodes | Eel |
| 67 | 68 | Lycodes brevipes | Eel |
| 68 | 69 | Lycodes cortezianus | Eel |
| 69 | 70 | Lycodes diapterus | Eel |
| 70 | 71 | Lycodes pacificus | Eel |
| 71 | 72 | Pachycara bulbiceps | Eel |
| 72 | 73 | Zoarcidae | Eel |
| 73 | 74 | Aeolidiidae sp. 1 | Gastropod |
| 74 | 75 | Akoya platinum | Gastropod |
| 75 | 76 | Bathybembix | Gastropod |
| 76 | 77 | Bathydoris aioca | Gastropod |
| 77 | 78 | Buccinidae | Gastropod |
| 78 | 79 | Caenogastropoda | Gastropod |
| 79 | 80 | Dendronotus patricki | Gastropod |
| 80 | 81 | Gastropoda | Gastropod |
| 81 | 82 | Neptunea-Buccinum Complex | Gastropod |
| 82 | 83 | Nudibranchia | Gastropod |
| 83 | 84 | Patellogastropoda | Gastropod |
| 84 | 85 | Pleurobranchaea californica | Gastropod |
| 85 | 86 | Tritonia tetraquetra | Gastropod |
| 86 | 87 | Ziminella vrijenhoeki | Gastropod |
| 87 | 88 | Asteroidea | Sea star |
| 88 | 89 | Asthenactis | Sea star |
| 89 | 90 | Astropecten | Sea star |
| 90 | 91 | Benthopecten | Sea star |
| 91 | 92 | Ceramaster | Sea star |
| 92 | 93 | Crossaster | Sea star |
| 93 | 94 | Dipsacaster eximius | Sea star |
| 94 | 95 | Dytaster gilberti | Sea star |
| 95 | 96 | Forcipulatida | Sea star |
| 96 | 97 | Goniasteridae | Sea star |
| 97 | 98 | Henricia | Sea star |
| 98 | 99 | Solasteridae | Sea star |
| 99 | 100 | Hippasteria | Sea star |
| 100 | 101 | Hymenaster | Sea star |
| 101 | 102 | Lophaster | Sea star |
| 102 | 103 | Luidia foliolata | Sea star |
| 103 | 104 | Mediaster | Sea star |
| 104 | 105 | Mediaster aequalis | Sea star |
| 105 | 106 | Mediaster tenellus | Sea star |
| 106 | 107 | Myxoderma | Sea star |
| 107 | 108 | Myxoderma platyacanthum | Sea star |
| 108 | 109 | Myxoderma sacculatum | Sea star |
| 109 | 110 | Patiria miniata | Sea star |
| 110 | 111 | Paulasterias mcclaini | Sea star |
| 111 | 112 | Paxillosida | Sea star |
| 112 | 113 | Peribolaster biserialis | Sea star |
| 113 | 114 | Poraniopsis | Sea star |
| 114 | 115 | Poraniopsis inflata | Sea star |
| 115 | 116 | Pterasteridae | Sea star |
| 116 | 117 | Pycnopodia helianthoides | Sea star |
| 117 | 118 | Pythonaster pacificus | Sea star |
| 118 | 119 | Rathbunaster californicus | Sea star |
| 119 | 120 | Stylasterias forreri | Sea star |
| 120 | 121 | Thrissacanthias penicillatus | Sea star |
| 121 | 122 | Valvatida | Sea star |
| 122 | 123 | Zoroasteridae | Sea star |
| 123 | 124 | Antedonidae | Feather star |
| 124 | 125 | Crinoidea | Feather star |
| 125 | 126 | Bathycrinidae | Feather star |
| 126 | 127 | Bathymetrinae | Feather star |
| 127 | 128 | Hyocrinidae | Feather star |
| 128 | 129 | Pentametrocrinus paucispinulus | Feather star |
| 129 | 130 | Abyssocucumis abyssorum | Sea cucumber |
| 130 | 131 | Apostichopus | Sea cucumber |
| 131 | 132 | Apostichopus californicus | Sea cucumber |
| 132 | 133 | Apostichopus leukothele | Sea cucumber |
| 133 | 134 | Benthodytes | Sea cucumber |
| 134 | 135 | Benthothuria | Sea cucumber |
| 135 | 136 | Elpidia | Sea cucumber |
| 136 | 137 | Holothuria (Vaneyothuria) zacae | Sea cucumber |
| 137 | 138 | Holothuroidea | Sea cucumber |
| 138 | 139 | Laetmogone | Sea cucumber |
| 139 | 140 | Oneirophanta mutabilis complex | Sea cucumber |
| 140 | 141 | Paelopatides confundens | Sea cucumber |
| 141 | 142 | Pannychia | Sea cucumber |
| 142 | 143 | Peniagone | Sea cucumber |
| 143 | 144 | Pseudostichopus mollis | Sea cucumber |
| 144 | 145 | Psolidae | Sea cucumber |
| 145 | 146 | Psolus squamatus | Sea cucumber |
| 146 | 147 | Psychronaetes | Sea cucumber |
| 147 | 148 | Psychropotes depressa | Sea cucumber |
| 148 | 149 | Psychropotidae | Sea cucumber |
| 149 | 150 | Scotoplanes | Sea cucumber |
| 150 | 151 | Synallactes | Sea cucumber |
| 151 | 152 | Aporocidaris milleri | Urchin |
| 152 | 153 | Brisaster | Urchin |
| 153 | 154 | Cystechinus giganteus | Urchin |
| 154 | 155 | Cystechinus loveni | Urchin |
| 155 | 156 | Cystocrepis setigera | Urchin |
| 156 | 157 | Echinoidea | Urchin |
| 157 | 158 | Echinocrepis rostrata | Urchin |
| 158 | 159 | Echinothuriidae | Urchin |
| 159 | 160 | Strongylocentrotus fragilis | Urchin |
| 160 | 161 | Tromikosoma | Urchin |
| 161 | 162 | Acanthascinae | Glass sponge |
| 162 | 163 | Bathydorus | Glass sponge |
| 163 | 164 | Bolosominae | Glass sponge |
| 164 | 165 | Caulophacus | Glass sponge |
| 165 | 166 | Chonelasma | Glass sponge |
| 166 | 167 | Corbitellinae | Glass sponge |
| 167 | 168 | Dictyocalyx | Glass sponge |
| 168 | 169 | Docosaccus maculatus | Glass sponge |
| 169 | 170 | Euplectellidae | Glass sponge |
| 170 | 171 | Farrea | Glass sponge |
| 171 | 172 | Farrea truncata complex | Glass sponge |
| 172 | 173 | Heterochone calyx | Glass sponge |
| 173 | 174 | Hexactinellida | Glass sponge |
| 174 | 175 | Hyalonema | Glass sponge |
| 175 | 176 | Hyalonema (Corynonema) populiferum | Glass sponge |
| 176 | 177 | Hyalonema (Oonema) bianchoratum | Glass sponge |
| 177 | 178 | Lyssacinosida sp. 1 | Glass sponge |
| 178 | 179 | Regadrella | Glass sponge |
| 179 | 180 | Rossellidae | Glass sponge |
| 180 | 181 | Sclerothamnopsis | Glass sponge |
| 181 | 182 | Staurocalyptus | Glass sponge |
| 182 | 183 | Staurocalyptus solidus | Glass sponge |
| 183 | 184 | yellow ruffled sponge | Glass sponge |
| 184 | 185 | Calyptrophora | Sea fan |
| 185 | 186 | Chrysogorgia | Sea fan |
| 186 | 187 | Chrysogorgia monticola | Sea fan |
| 187 | 188 | Chrysogorgia pinnata | Sea fan |
| 188 | 189 | Iridogorgia | Sea fan |
| 189 | 190 | Isidella | Sea fan |
| 190 | 191 | Isidella tentaculum | Sea fan |
| 191 | 192 | Isididae | Sea fan |
| 192 | 193 | Keratoisis | Sea fan |
| 193 | 194 | Lepidisis | Sea fan |
| 194 | 195 | Parastenella | Sea fan |
| 195 | 196 | Primnoidae | Sea fan |
| 196 | 197 | Acanthogorgia | Sea fan |
| 197 | 198 | Gorgoniidae | Sea fan |
| 198 | 199 | Leptogorgia | Sea fan |
| 199 | 200 | Plexauridae | Sea fan |
| 200 | 201 | Swiftia | Sea fan |
| 201 | 202 | Swiftia kofoidi | Sea fan |
| 202 | 203 | Swiftia simplex | Sea fan |
| 203 | 204 | Corallium | Sea fan |
| 204 | 205 | Paragorgiidae | Sea fan |
| 205 | 206 | Paragorgia arborea | Sea fan |
| 206 | 207 | Alcyoniidae | Soft coral |
| 207 | 208 | Bathyalcyon robustum | Soft coral |
| 208 | 209 | Gersemia juliepackardae | Soft coral |
| 209 | 210 | Heteropolypus | Soft coral |
| 210 | 211 | Heteropolypus ritteri | Soft coral |
| 211 | 212 | Clavularia | Soft coral |
| 212 | 213 | Stolonifera | Soft coral |
| 213 | 214 | Acanthoptilum | Sea pen |
| 214 | 215 | Anthoptilum grandiflorum | Sea pen |
| 215 | 216 | Anthoptilum lithophilum | Sea pen |
| 216 | 217 | Distichoptilum gracile | Sea pen |
| 217 | 218 | Funiculina | Sea pen |
| 218 | 219 | Funiculina-Halipteris complex | Sea pen |
| 219 | 220 | Halipteris californica | Sea pen |
| 220 | 221 | Kophobelemnidae | Sea pen |
| 221 | 222 | Pennatula | Sea pen |
| 222 | 223 | Pennatula phosphorea | Sea pen |
| 223 | 224 | Pennatulacea | Sea pen |
| 224 | 225 | Protoptilum | Sea pen |
| 225 | 226 | Ptilosarcus gurneyi | Sea pen |
| 226 | 227 | Stylatula | Sea pen |
| 227 | 228 | Umbellula | Sea pen |
| 228 | 229 | Virgulariidae | Sea pen |
| 229 | 230 | Desmophyllum dianthus | Stony coral |
| 230 | 231 | Fungiacyathus (Bathyactis) marenzelleri | Stony coral |
| 231 | 232 | Scleractinia | Stony coral |
| 232 | 233 | Alternatipathes | Black coral |
| 233 | 234 | Antipatharia | Black coral |
| 234 | 235 | Heteropathes | Black coral |
| 235 | 236 | Lillipathes | Black coral |
| 236 | 237 | Parantipathes | Black coral |
| 237 | 238 | Schizopathidae | Black coral |
| 238 | 239 | Umbellapathes | Black coral |
| 239 | 240 | Brachyura | Crab |
| 240 | 241 | Cancridae | Crab |
| 241 | 242 | Chionoecetes tanneri | Crab |
| 242 | 243 | Chorilia longipes | Crab |
| 243 | 244 | Macroregonia macrochira | Crab |
| 244 | 245 | Majidae | Crab |
| 245 | 246 | Metacarcinus magister | Crab |
| 246 | 247 | Lithodes couesi | Crab |
| 247 | 248 | Lithodidae | Crab |
| 248 | 249 | Neolithodes diomedeae | Crab |
| 249 | 250 | Paralithodes rathbuni | Crab |
| 250 | 251 | Paralomis | Crab |
| 251 | 252 | Paralomis cf. papillata | Crab |
| 252 | 253 | Paralomis multispina | Crab |
| 253 | 254 | Paralomis verrilli | Crab |
| 254 | 255 | Caridea | Shrimp |
| 255 | 256 | Eualus macrophthalmus | Shrimp |
| 256 | 257 | Pandalus | Shrimp |
| 257 | 258 | Pandalus ampla | Shrimp |
| 258 | 259 | Pandalus platyceros | Shrimp |
| 259 | 260 | Pasiphaea | Shrimp |
| 260 | 261 | Plesionika | Shrimp |
| 261 | 262 | Calocarides quinqueseriatus | Shrimp |
| 262 | 263 | Chirostylidae | Squat lobster |
| 263 | 264 | Galatheoidea | Squat lobster |
| 264 | 265 | Munida | Squat lobster |
| 265 | 266 | Munida bapensis | Squat lobster |
| 266 | 267 | Munida quadrispina | Squat lobster |
| 267 | 268 | Munidopsis | Squat lobster |
| 268 | 269 | Munidopsis depressa | Squat lobster |
| 269 | 270 | Munidopsis kensmithi | Squat lobster |
| 270 | 271 | Munidopsis lignaria | Squat lobster |
| 271 | 272 | Munidopsis recta | Squat lobster |
| 272 | 273 | Munidopsis scotti | Squat lobster |
| 273 | 274 | Pleuroncodes planipes | Squat lobster |
| 274 | 275 | Cirripedia | Barnacle |
| 275 | 276 | Scalpellidae | Barnacle |
| 276 | 277 | Verum proximum | Barnacle |
| 277 | 278 | Pycnogonida | Sea spider |
| 278 | 279 | Annelida | Worm |
| 279 | 280 | Canalipalpata | Worm |
| 280 | 281 | Echiura | Worm |
| 281 | 282 | Harmothoe | Worm |
| 282 | 283 | Hirudinea | Worm |
| 283 | 284 | Paradiopatra | Worm |
| 284 | 285 | Peinaleopolynoe orphanae | Worm |
| 285 | 286 | Polychaeta | Worm |
| 286 | 287 | Polynoidae | Worm |
| 287 | 288 | Sabellidae | Worm |
| 288 | 289 | Serpulidae | Worm |
| 289 | 290 | Terebellidae | Worm |