**Table 1**. This review utilized specific keywords to search several literature databases. Each taxonomic group used a common list of words, which were followed by a list of taxa-specific words. Keywords unique to each taxa included both common names and Latin nomenclature for major classifications. The Boolean search operator asterisk (\*) was used as a “wildcard operator” to search for words or phrases that may contain parts of that truncated word. In addition to the general terms, all taxa specific terms were given an asterisk.

| **Keywords** | |
| --- | --- |
| **All Taxa** | climate change, ocean acidification, carbonate chemistry, CO2, hypercapnia, aragonite saturation state, reproduction, gamete\*, sperm\*, egg\*, ovary, oocyte\*, fertilization, fertilisation, fecund\*, mating behavior, behaviour, gametogenesis, reproductive output, synchronization, brood\*, hatch\*, spawn\*, spawning, sex\*, determination, differentiation, gonad development |
| **Cnidaria** | coral\*, jelly\*, hydroid, zoanthid\*, sea pen, gorgonian, siphonophore, anemone, cnidaria\*, cubozoa\*, anthozoa\*, scyphozoa\*, hydrozoa\*, myxozoa\*, medusa\*, medusozoa\*, polipodiozoa\*, staurozoa\*, hexacorallia\*, octocorallia\*, hydromedusae\*, scleractinia\*, zoantharia\*, corallimorpharia\* |
| **Crustacea** | crustacean\*, arthropod\*, malacostraca\*, crab\*, lobster\*, shrimp\*, amphipod\*, copepod\*, barnacle\*, decapod\*, brachyura\*, artemia\*, ostracoda\*, dendrobranchiata\*, isopod\*, branchiopoda\*, mysid\*, hermit\*, zoea\*, krill\*, cyst\*, prawn\* |
| **Echinodermata** | echinoderm\*, sea star\*, starfish\*, urchin\*, sand dollar\*, brittle star\*, sea cucumber\*, feather star\*, crinoidea\*, echinozoa\*, holothuroidea\*, echinoidea\*, asterozoa\*, ophiuroidea\*, asteroidea\* |
| **Ascidiacea** | ascidian\*, sea squirt, tunicate, tunicata, urochordata, sea tulip, sea liver, sea pork, ascidiacea, thaliacea, appendicularia, salp, doliolid |