

- Ptilosarcus*, xxxiii.  
*Raynerella*, 154.  
*Rhipidella*, 165.  
     *verticillata*, Gray, 167.  
*Rhipidogorgia*, lxiii.  
     *verriculata*, Milne-Edwards, 167.  
*Rhizozenia*, viii, ix, xi, xii, xiii, xvi, 253, 297.  
*Riisea*, xli, 24, 153.  
     *paniculata*, Duchassaing and Michelotti, 278.  
*Sarakka*, xviii, xix, 295.  
*Sarcodictyon*, vii, xii, xiii, 253, 297.  
     *catenata*, E. Forbes, 297.  
*Sarcophytidæ*, xviii.  
*Sarcophytum*, x, xviii, xx, 238, 242, 244, 295.  
     *ambiguum*, n. sp., 247.  
     *atlanticum*, n. sp., 245.  
     *glaucum*, Quoy and Gaimard, 246, 248.  
     *lobulosum*, Lesson, 248.  
     *philippinensis*, n. sp., 246.  
     *pulmo*, Ehrenberg, 249.  
     *purpureum*, Koren and Danielssen, xxi, 242.  
     *tongatabuensis*, n. sp., 245.  
     *trocheliophorum*, Marenzeller, 249.  
*Sciophyllum*, xxvii.  
*Scirpearella*, lxv, 154.  
     *gracilis*, n. sp., 156, 288.  
     *moniliforme*, n. sp., 156, 288.  
     *profunda*, n. sp., 155, 288.  
     *rubra*, n. sp., 157, 288.  
*Scirpearia*, lxv, 154, 288.  
     *dichotoma*, Gray, 288.  
     *funiculina*, Duchassaing and Michelotti, 154.  
     *mirabilis*, Cuvier, lxv, 154.  
*Scleranthelia*, xii, xv, xvi, 298.  
     *musica*, Studer, 298.  
*Scleraxonia*, ix, x, xxx, 162, 290.  
*Sclerisis*, xlv.  
     *pulchella*, Studer, 279.  
*Sclerobelemnon*, xxviii.  
*Sclerogorgia*, xxxiv, 165, 166.  
     *patula* (Ellis), 166.  
     *suberosa*, K lliker, 167.  
     *suberosa* (Pallas), 166.  
*Sclerogorgiacæ*, 161.  
*Sclerogorgidæ*, xxxiv, 165, 291.  
*Scleronephthya*, xxiii, xxvi, 189, 229, 294.  
     *pustulosa*, n. sp., 229, 294.  
*Scleroptilum*, xxix.  
*Scytalium*, xxviii.  
*Semperina*, xxzii, 296.  
*Semperina rubra*, K lliker, 290.  
*Siphonogorgia*, xxiii, xxvi, 189, 235, 236, 294.  
     *godeffroyi*, K lliker, 236, 294.  
     *k llikeri*, n. sp., 236, 276, 294.  
     *mirabilis*, Klunzinger, 236, 294.  
     *mirabilis*, Klunzinger, var. Ridley, 294.  
     *squarrosa*, K lliker, 236, 294.  
*Siphonogorgiacæ*, xxii, xxvi, 188.  
*Siphonogorginæ*, xxvi, 189, 226.  
*Solanderia*, xxxiv.  
*Solenocaulon*, viii, xxxi, 162, 290.  
     *grayi*, Studer, 162, 290.  
     *tortuosum*, Gray, 162, 290.  
     *tubulosum* (Genth), 162, 290.  
*Solenogorgia*, xxxi.  
*Spoggodes*, xxv, 191.  
*Spoggodia*, xxv, 191.  
*Spoggodidæ*, xxii, 188.  
*Spoggodinæ*, xxii, 189.  
*Spongiodermia*, xxx, xxxi, 291.  
     *verrucosa* (M bius), 291.  
*Spongiodermiæ*, xxxiii, 162, 164.  
*Spoggodes*, ix, xxv, 189, 191, 294.  
     *anguina*, n. sp., 205, 225.  
     *arborescens*, Dana, 192, 200, 225.  
     *bicolor*, n. sp., 207, 226.  
     *capitata*, Verrill, 225.  
     *carnea*, n. sp., 196, 225.  
     *celosia*, Lesson, 192, 200, 225.  
     *cervicornis*, n. sp., 220, 226.  
     *coccinea*, Studer, 223, 225.  
     *collaris*, n. sp., 208, 226.  
     *coronata*, n. sp., 212, 226.  
     *corymbosa*, n. sp., 201, 225.  
     *digitata*, n. sp., 193, 225.  
     *divaricata*, Gray, 226.  
     *dendrophyta*, n. sp., 204, 225.  
     *flabellum*, Studer, 224, 226.  
     *florida* (Esper), 192, 200, 225.  
     *gigantea*, Verrill, 192, 225.  
     *glomerata*, Studer, 222, 225.  
     *gracilis*, Verrill, 226.  
     *hemprichi*, Klunzinger, 225.  
     *heterocyathus*, n. sp., 210, 226.  
     *klunzingeri*, Studer, 224, 226.  
     *laza*, n. sp., 217, 226.  
     *macrospina*, n. sp., 199, 225.  
     *monticularis*, n. sp., 215, 226.  
     *nephthyaformis*, n. sp., 195, 225.  
     *pumilio*, Studer, 223, 225.