

- scinæ, 85, 367.
- iscus*, n. gen., 85, 367.
- „ *fibulatus*, n. sp., 87, 368 (Pls. xv., xvi.).
- „ *polejaëvii*, n. sp., 89, 368 (Pl. xvii.).
- „ *riddleyi*, n. sp., 90, 368 (Pl. xvii.).
- „ *stellatus*, n. sp., 86, 368 (Pl. xiv., xv.).
- tenia*, Wyv. Thomson, 115, 234.
- „ *carpenteri*, Wyv. Thomson, 235.
- „ *pourtalesii*, (O. Schmidt), 236, 238.
- alochæte possieti*, Brandt, 182.
- alonema*, Gray, 179, 189, 381.
- „ sens. strict., subgen., 190.
- „ *affine* (Marshall), 187, 216, 217.
- „ *anomatum* (Bowerbank), 188.
- „ *arcticum* (Hausen), 189.
- „ *cebuense*, Higgin, 186, 228, 385.
- „ *conus*, 209, 383 (Pl. xxxiii.).
- „ *divergens*, n. sp., 199, 382 (Pl. xxviii.).
- „ *gracile*, 196, 382 (Pl. xxvii.).
- „ *kentii*, O. Schmidt, 207, 382 (Pl. xxx.).
- „ *loveni*, Wyv. Thomson, 186.
- „ *lusitanicum*, Barboza du Bocage, 183, 214, 225, 385 (Pls. xxxviii., xxxix.).
- „ *mirabile*, Bowerbank, 184.
- „ *mirabilis*, 181.
- „ *parallelum*, M'Coy, 183, 188.
- „ *poculum*, n. sp., 208, 383 (Pl. xxxiii.).
- „ *robustum*, n. sp., 229, 386 (Pl. xxxii.).
- „ *schultzei* (= *Semperella*), 259.
- „ *sieboldii*, Gray, 181, 190, 381 (Pl. xxvii.);  
spicules, 192.
- „ *smithii*, Young and Young, 188.
- „ *tenuis*, n. sp., 228, 386 (Pl. xxx.).
- „ *thomsoni*, 187.
- „ *thomsoni*, var. *exiguum*, 214.
- „ *tozeres*, Wyv. Thomson, 188, 201, 202, 203, 382 (Pl. xxix.).
- „ (*Stylocalyx*) *apertum*, n. sp., 214.
- „ (*Stylocalyx*) *clavigerum*, n. sp., 220 (Pl. xli.).
- „ (*Stylocalyx*) *depressum*, n. sp., 217, 219.
- „ (*Stylocalyx*) *elegans*, n. sp., 223 (Pl. xxxi.).
- „ (*Stylocalyx*) *globus*, n. sp., 221 (Pl. xl.).
- „ (*Stylocalyx*) *tenerum*, n. sp., 224 (Pl. xxxi.).
- „ (*Stylocalyx*) *thomsoni*, Marshall, 211.
- „ species diversæ indefinitæ, 231 (Pls. xxxii., xxxix.).
- Hyalonematidæ, Gray, 178, 381; bathymetrical distribution, 457, 459; geographical, 438.
- Hyalonematinae, F. E. S., 178, 381.
- Hyalostylus*, n. gen., 110, 371.
- „ *dives*, n. sp., 110, 371 (Pl. lxx.).
- Hyalothauma lulekingi* (= *Semperella*), 260.
- Hyalothrix lusitanica*, Gray, 185.
- Hymedesmia johnsoni* (Bowerbank), 272.
- Hypodermalia, 44, 49.
- Hypogastralia, 45, 49.
- Indian Ocean, 440; *Aulascus*, 118; *Mulacosaccus*, 91.
- Inermia, 341, 402; bathymetrical distribution, 457, 459.
- Iphiteon beatrix* (Bowerbank), 306.
- „ Gray, 345.
- „ *callocyathus*, Gray, 345.
- „ *ingalli*, Bwk., 345.
- „ *panicea*, Valenciennes, 306, 344.
- „ *subglobosa*, Gray, 345.
- Intermedia, 49.
- Japan, *Acanthascus*, 376; *Aphrocallistes*, 396; *Bathydorus*, 151; *Caulophacus*, 126, 373; *Chonelasma*, 398; *Euplectella*, 78, 366; *Eurete*, 392; *Hexactinella*, 399, 400; *Hyalonema*, 191, 381; *Periphragella*, 299, 394; *Rhabdocalyptus*, 377.
- Japanese composition of sponge, 184.
- Jeffreys, Gwyn, *Aphrocallistes bocagei*, 308; *Rossella*, 143.
- Joanella, O. Schmidt, 16.
- Juan Fernandez, *Hyalonema*, 208, 383; *Hyalonema poculum*, 208.
- Kaliapsis* (Gray), 346.
- Kent, Saville, *Asconema*, 113; *Aphrocallistes*, 307; classification, 8, 9; *Farrea*, 268, 269; *Fieldingia*, 335; *Holtenia*, 236; *Pheronema*, 236.
- Keratosa, 497, 498.
- Kerguelen Island, *Caulophacus*, 124; *Chonelasma*, 391; *Holascus*, 88; *Rossella*, 139, 375.
- Kermadec Islands, *Aulochone*, 168, 379; *Chonelasma*, 397; *Euryplegma*, 380; *Farrea*, 277; *Polio-pogon*, 257; *Walteria*, 96, 369.
- Key to Genera and Species, 407.
- Küstermann, *Hyalonema sieboldii*, 187.
- Labaria* (= *Pheronema*), 246.
- „ *hemisphærica* (Gray), 237, 238.
- Lanuginella*, O. Schmidt, 129, 374.
- Lanuginella pupa*, O. Schmidt, 130, 374 (Pl. liii.).
- Largest forms, 40.
- Lefroyella*, Wyv. Thomson, 301, 394.
- „ *decora*, Wyv. Thomson, 302, 394 (Pl. lxxxii.).
- Leidy, *Pheronema annæ*, 234.
- Leiobolidium*, O. Schmidt, 15, 238.