

ResearchOnline@JCU

This file is part of the following reference:

Alderslade, Philip Norman (1995) *Taxonomic studies within the gorgonian family Isididae (Coelenterata: Octocorallia)*. PhD thesis, James Cook University.

Access to this file is available from:

<http://eprints.jcu.edu.au/27174/>

If you believe that this work constitutes a copyright infringement, please contact ResearchOnline@jcu.edu.au and quote <http://eprints.jcu.edu.au/27174/>

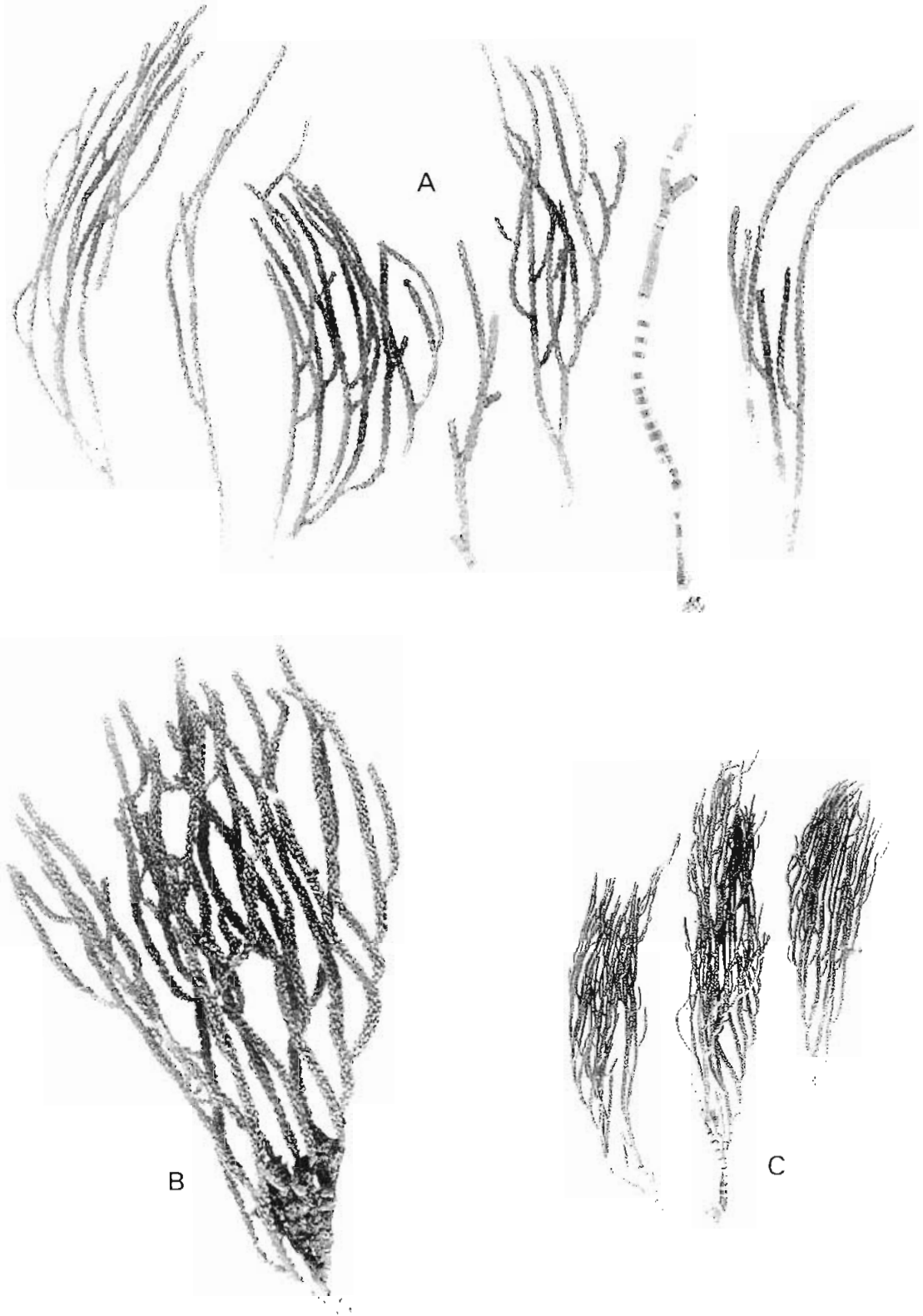


Fig. 124. A,B. *Sphaerokodis flabellum* (Thomson & Mackinnon, 1911): (A). Lectotype, natural size; (B). AM G15297, natural size; C. *Sphaerokodis tenuis* (Thomson & Rennet, 1931), AM G15600, natural size x 0.5.

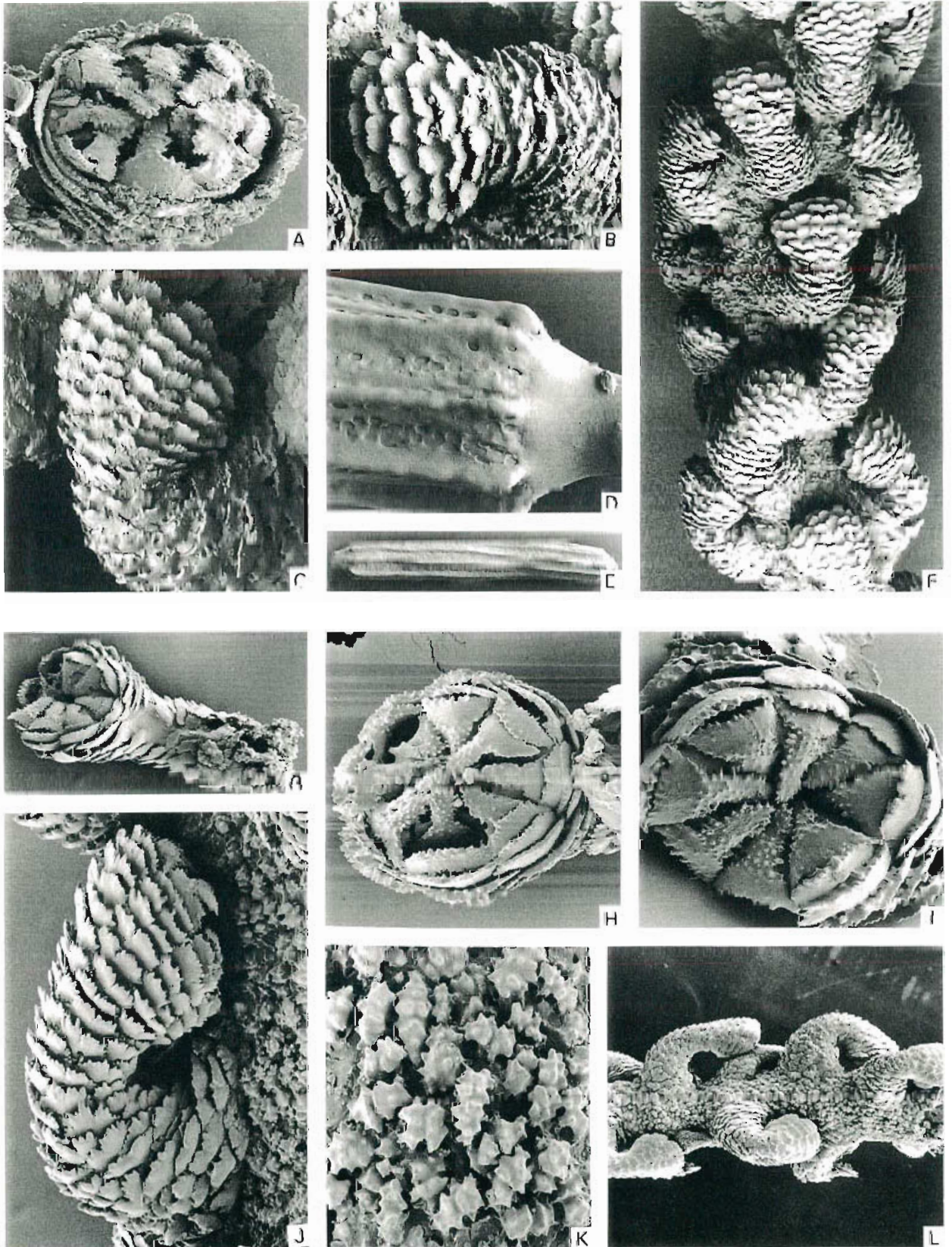


Fig. 125. *Sphaerokodisis flabellum* (Thomson & Mackinnon, 1911). A-F. Lectotype: (A-C). Polyps; (D-E). Axial internodes; (F). Twig fragment. G-L. AM G5679: (G-J). Polyps; (K). Coenenchyme; (L). Twig fragment.

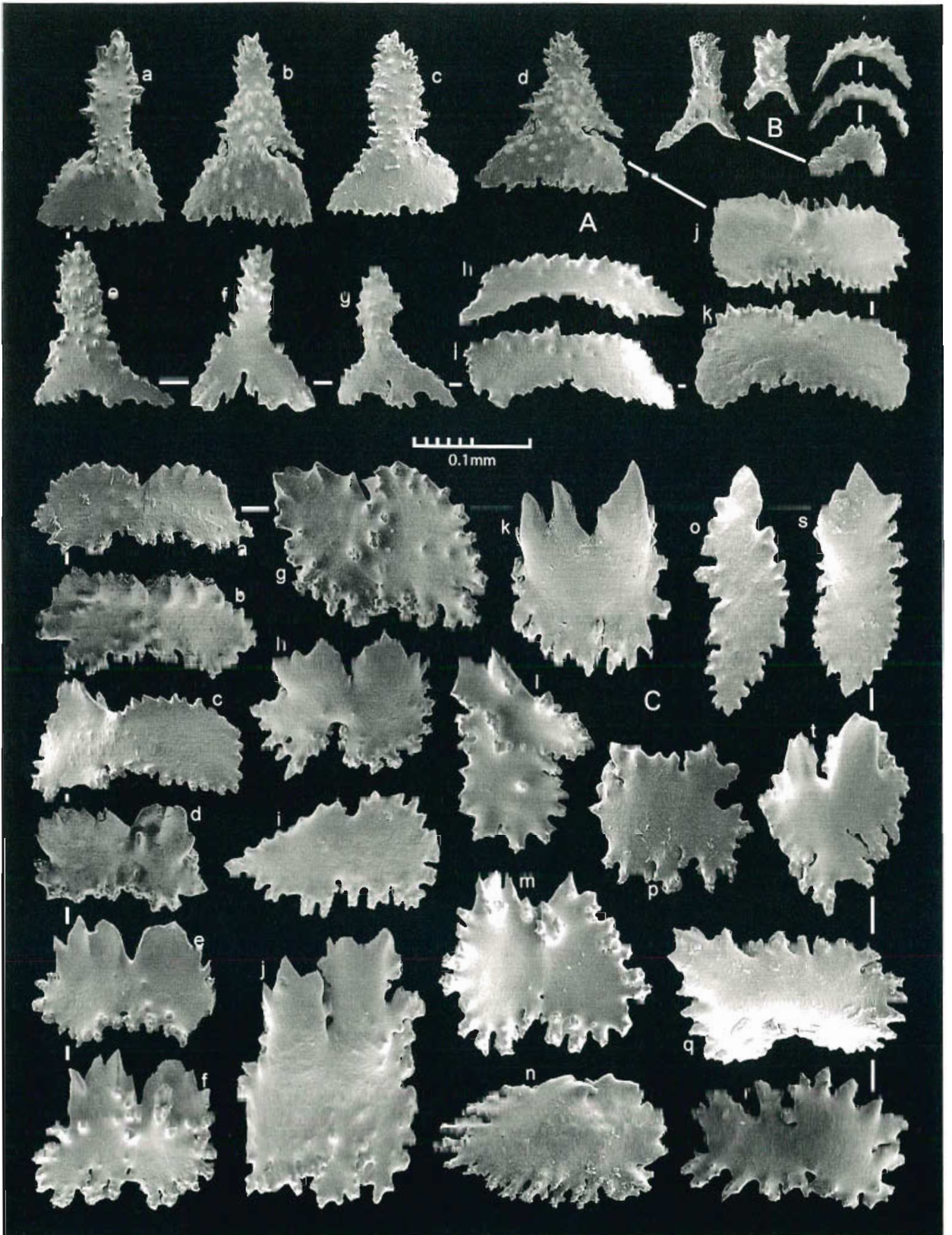


Fig. 126. *Sphaerokodis flabellum* (Thomson & Mackinnon, 1911), lectotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body.

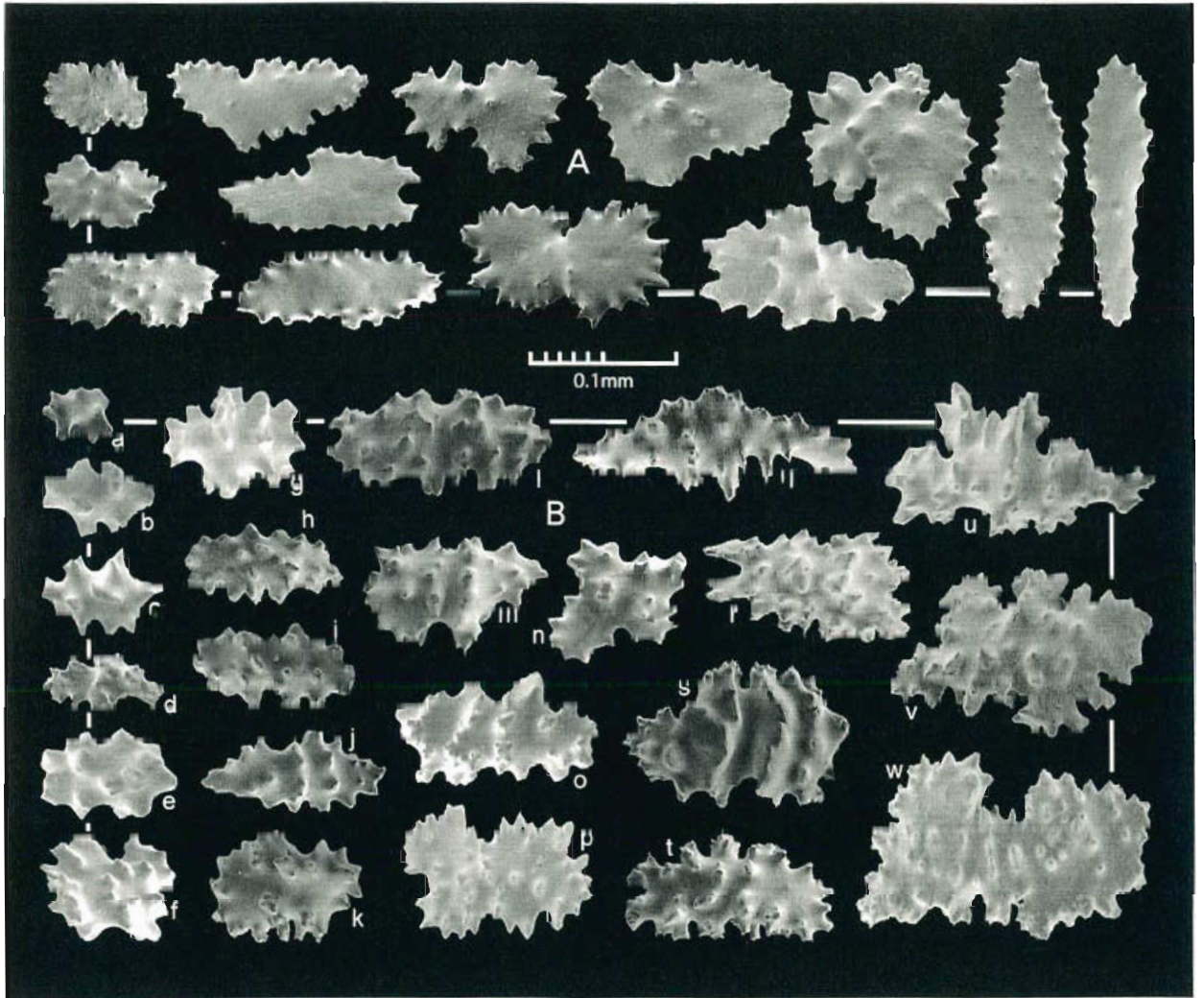


Fig. 127. *Sphaerokodisis flabellum* (Thomson & Mackinnon, 1911), lectotype, sclerites: A. Polyp/twig adaxial juncture; B. Branch coenenchyme.

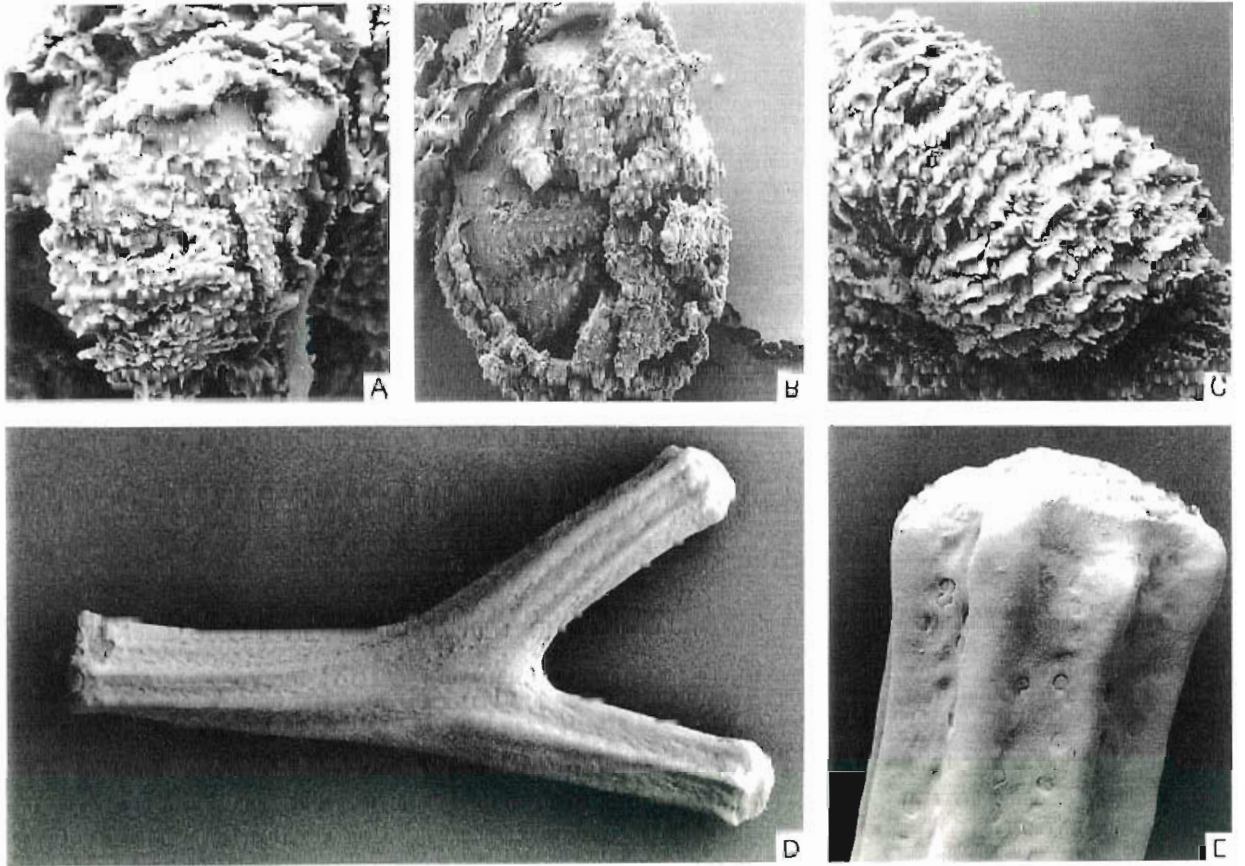


Fig. 128. *Sphaerokodisis tenuis* (Thomson & Rennet, 1931), holotype: A-C. Polyps; D-E. Axial internodes.

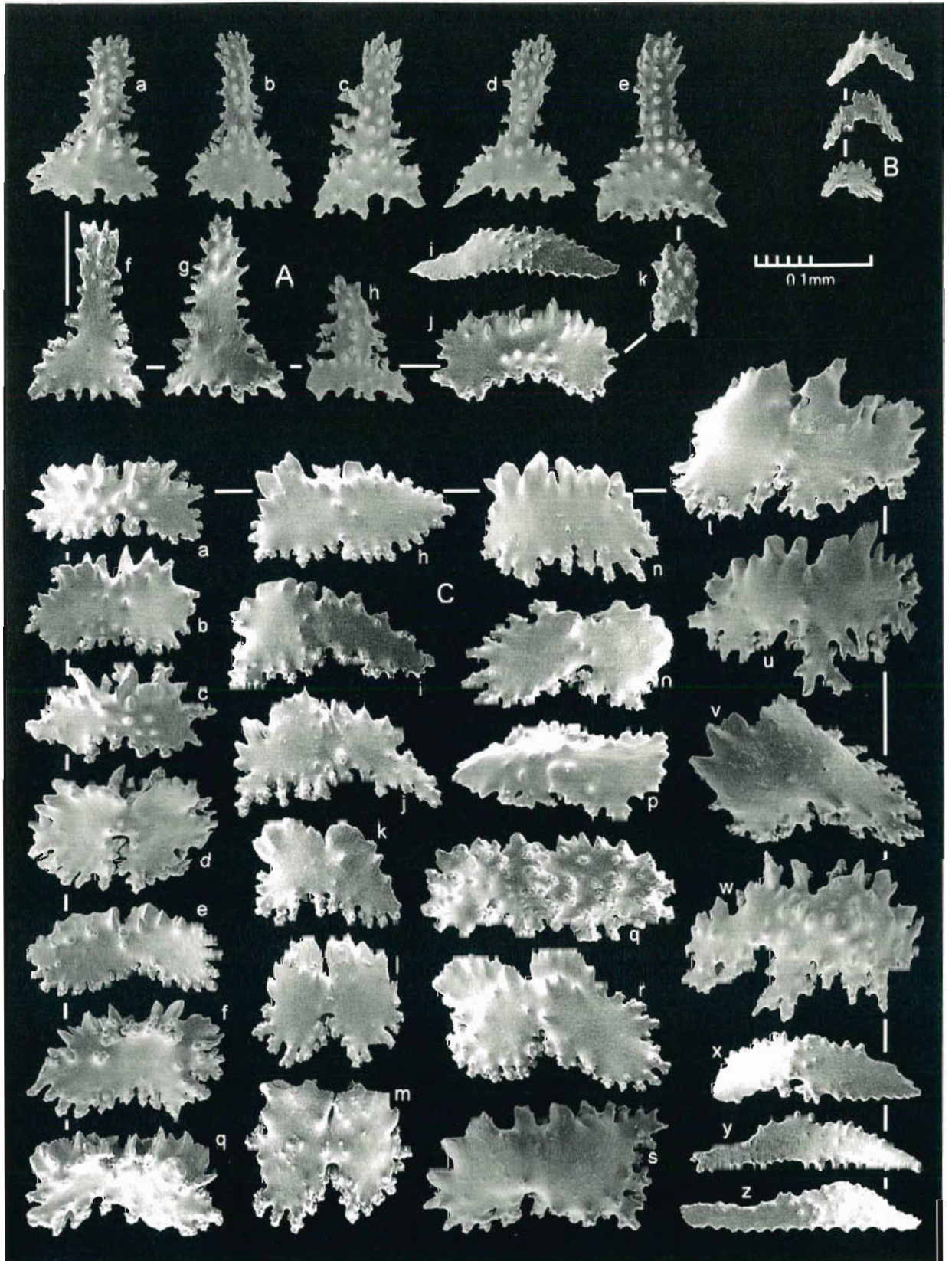


Fig. 129. *Sphaerokodisis tenuis* (Thomson & Rennet, 1931), holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body.

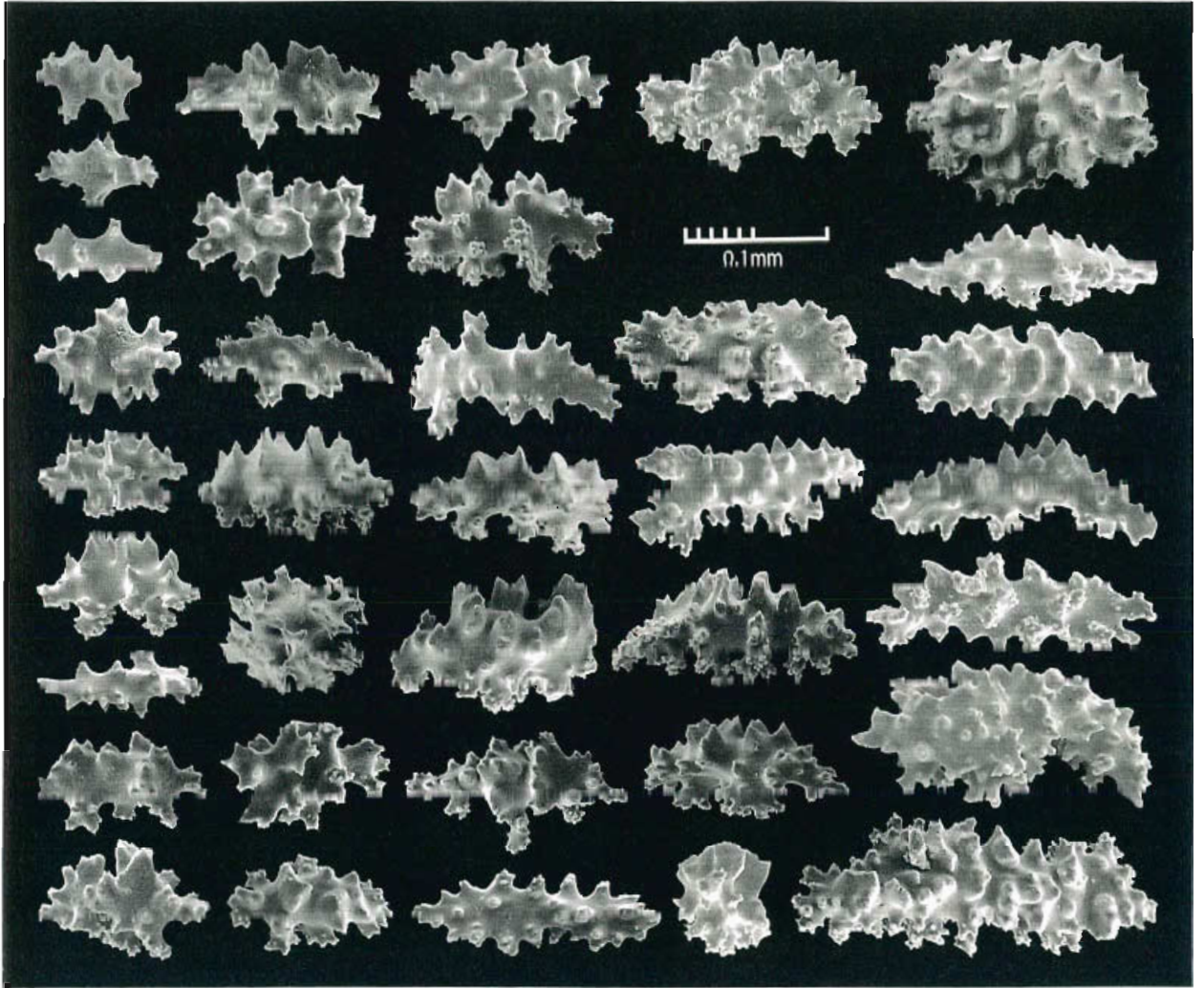


Fig. 130. *Sphaerokodisis tenuis* (Thomson & Rennet, 1931), holotype, sclerites: Branch coenenchyme.

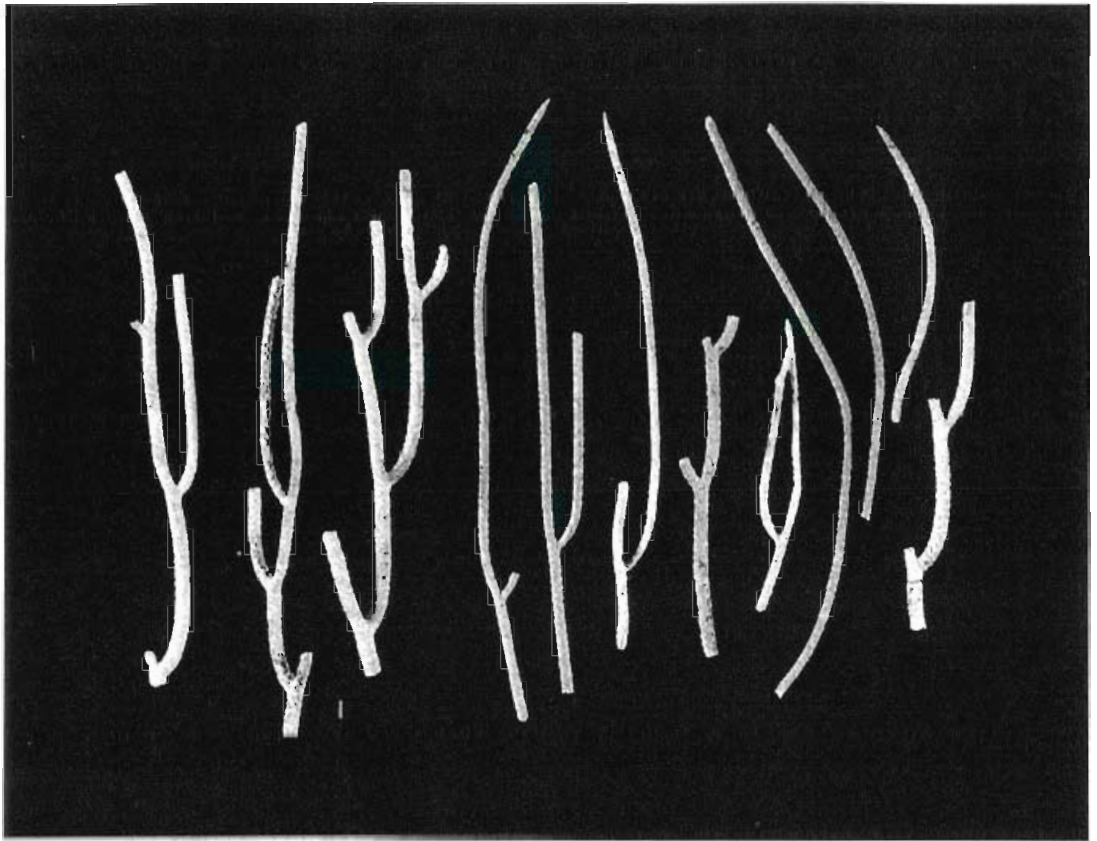


Fig. 131. *Sphaerokodis australis* (Thomson & Mackinnon, 1911), fragments of the syntypes, all natural size.

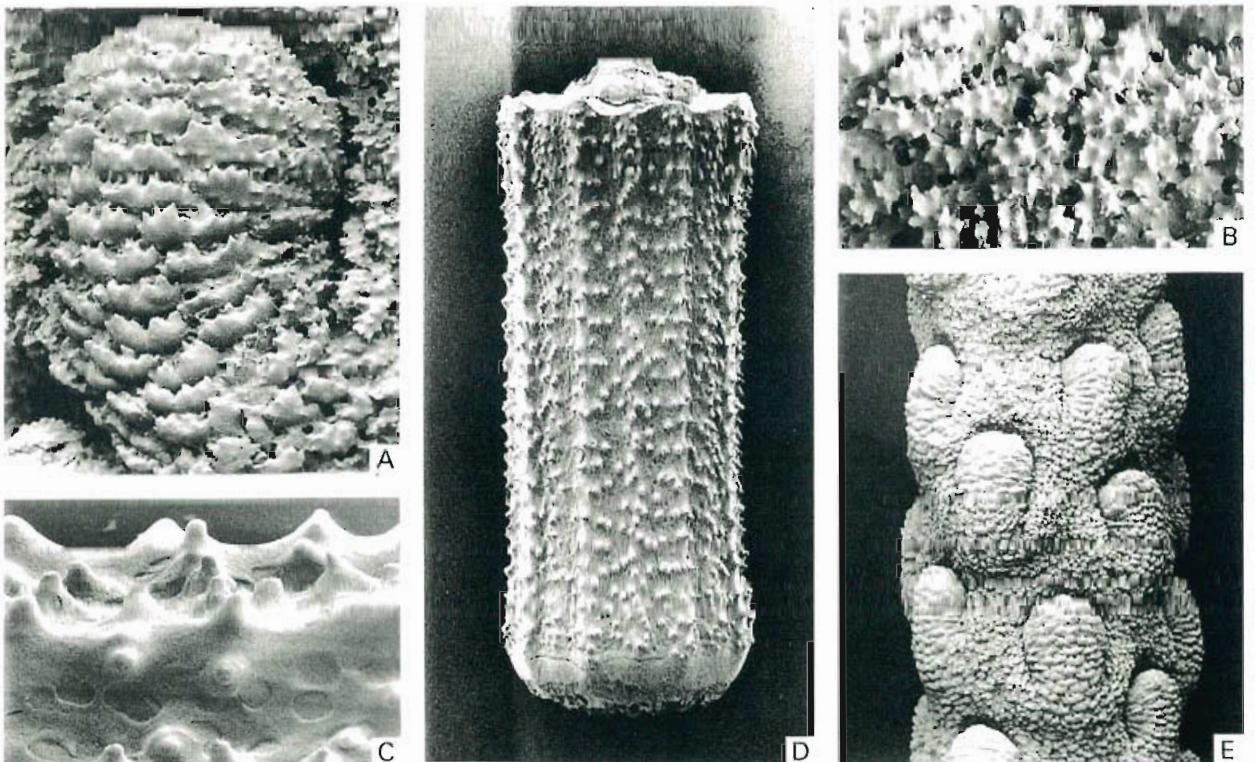


Fig. 132. *Sphaerokodis australis* (Thomson & Mackinnon, 1911), syntype: A. Polyp; B. Coenenchyme; C-D. Axial internodes; E. Twig fragment.

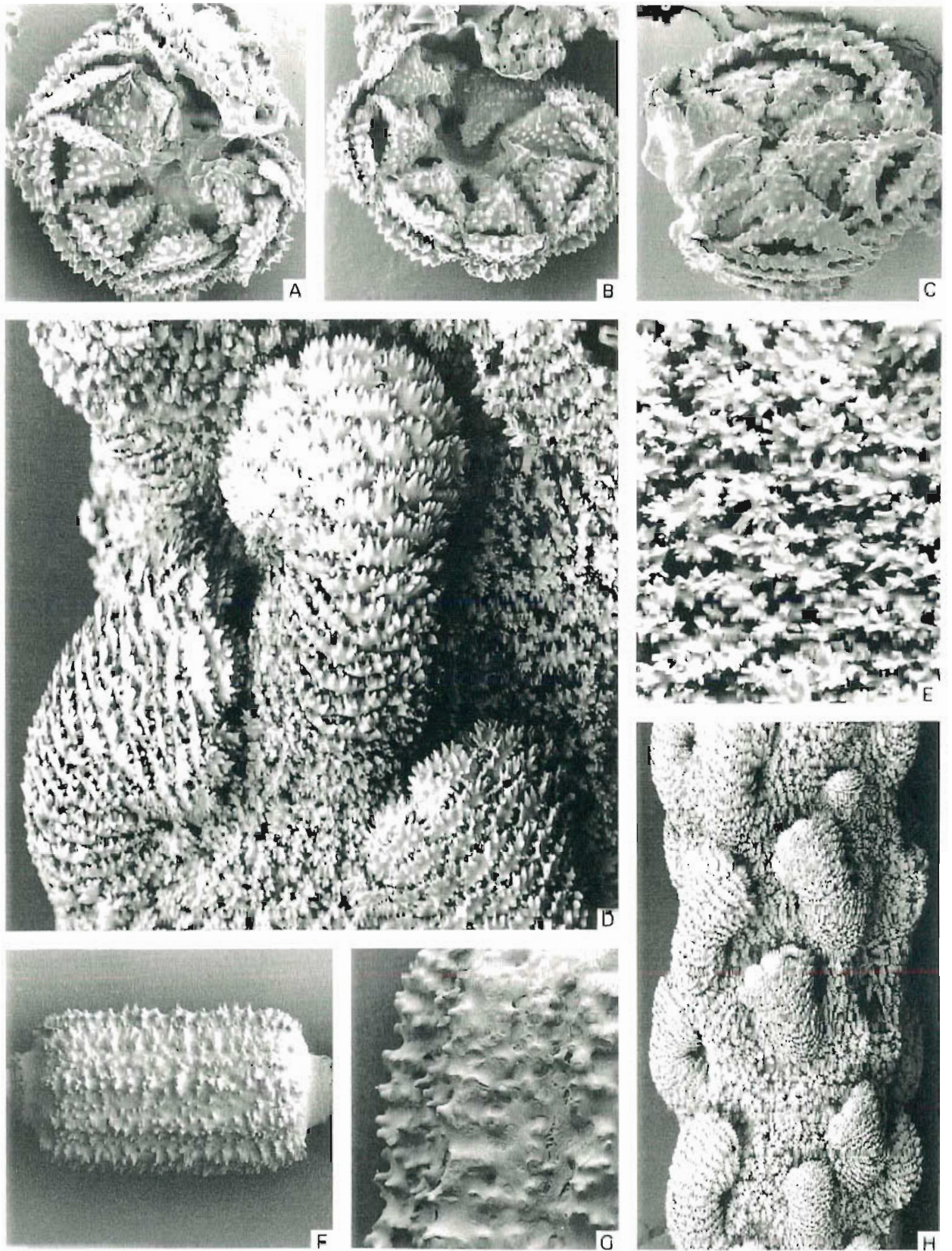


Fig. 133. *Sphaerokodis australis* (Thomson & Mackinnon, 1911). A-B, D-H. NTM C2397: (A-B, D). Polyps; (E). Coenenchyme; (F-G). Axial internodes; (H). Twig fragment. C. AM E2127, polyp.

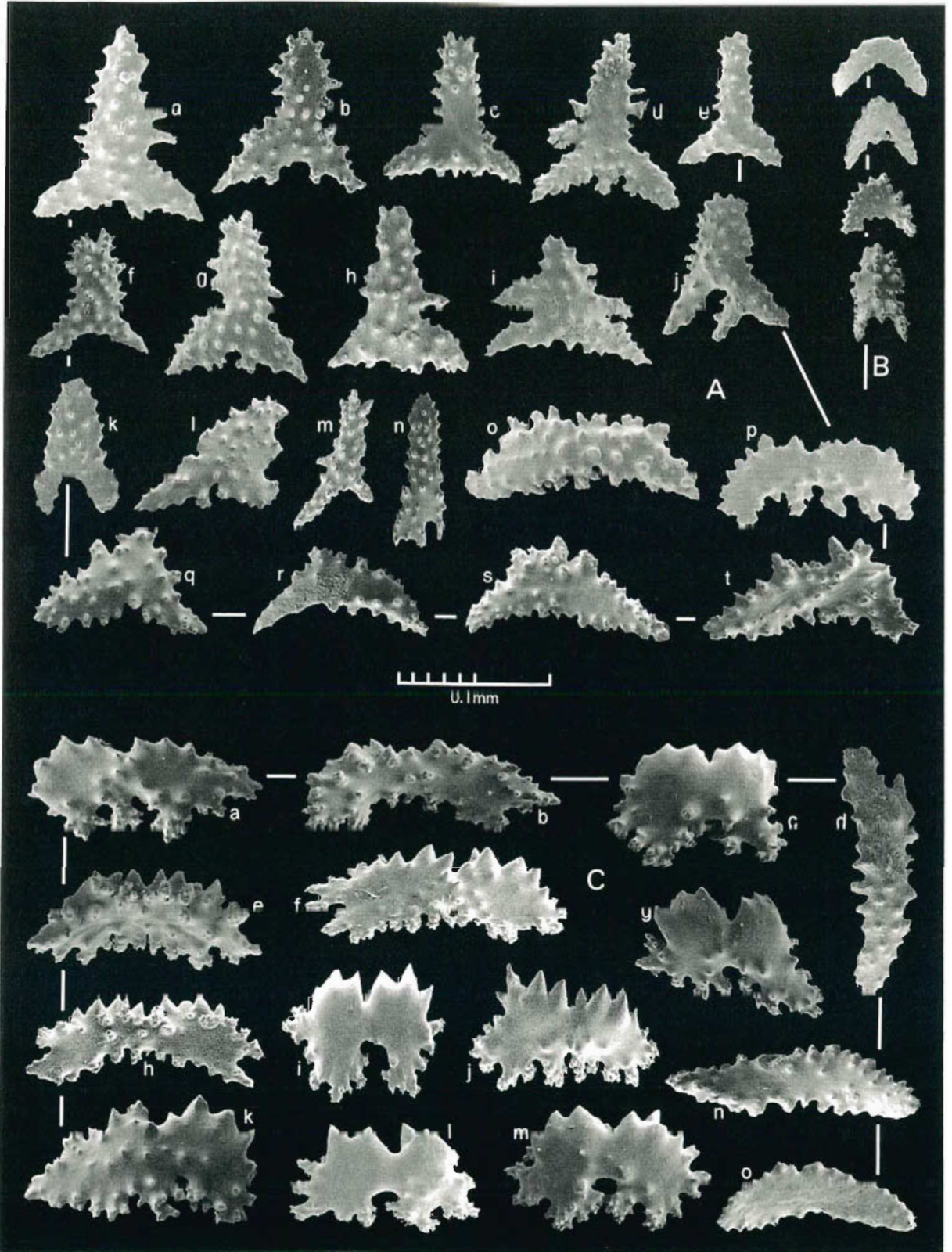


Fig. 134. *Sphaerokodisis australis* (Thomson & Mackinnon, 1911), syntype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body.

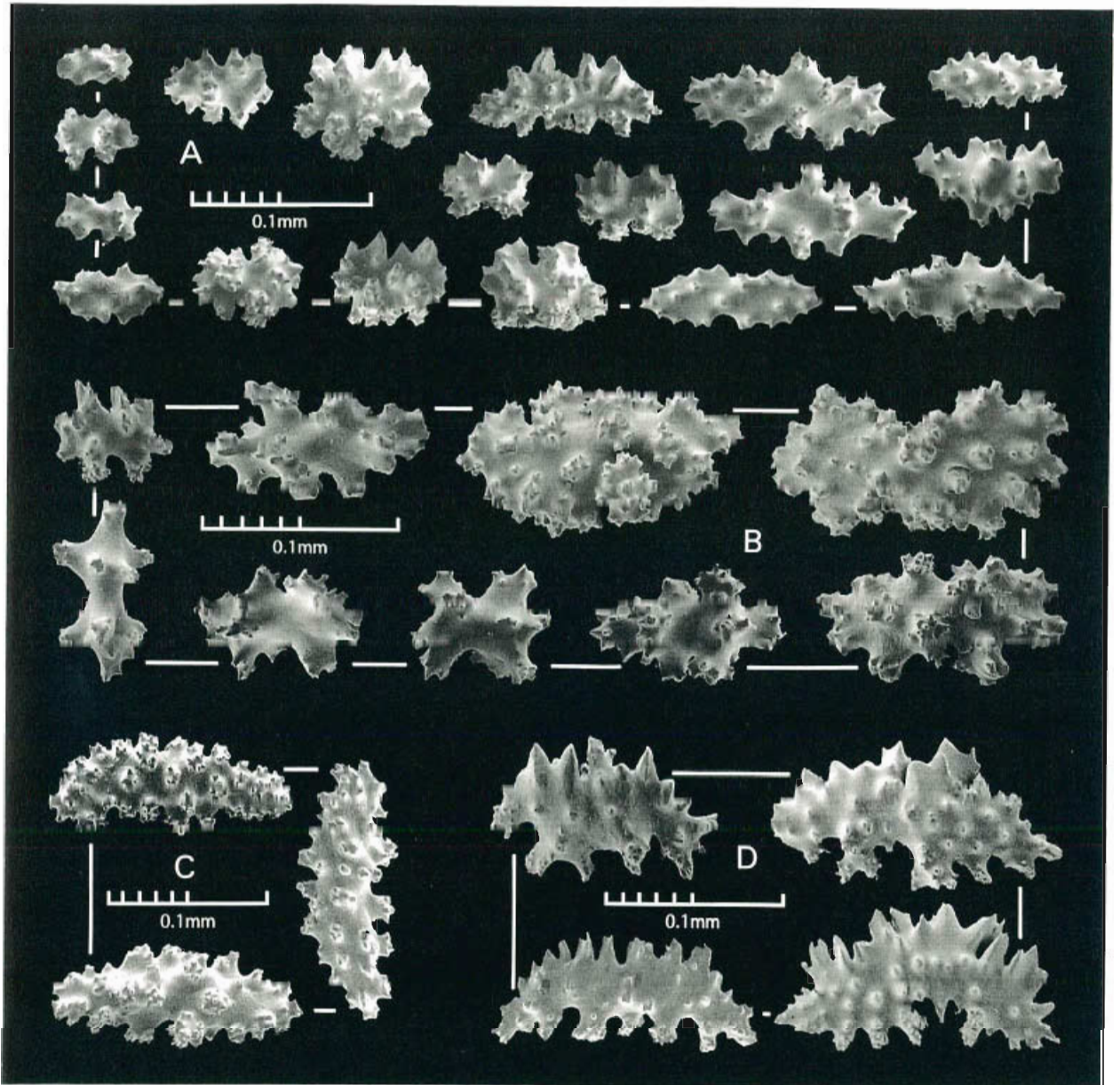


Fig. 135. *Sphaerokodis australis* (Thomson & Mackinnon, 1911), sclerites: A. Syntype, branch coenenchyme; B. NTM C2397, stem coenenchyme; C. NTM C2397, branch coenenchyme; D. AM G11638, polyp body.

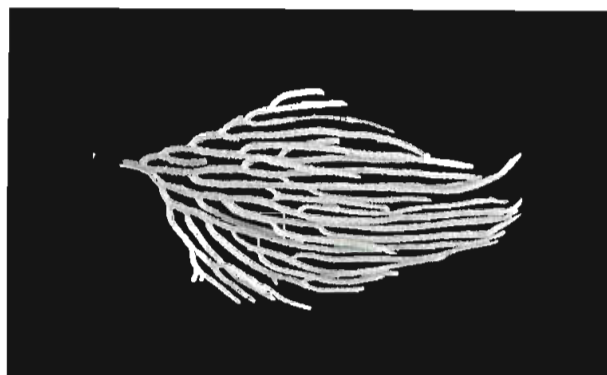


Fig. 136. *Sphaerokodis australis* (Thomson & Mackinnon, 1911), NTM C2397, natural size x 0.5.



Fig. 137. *Sphaerokodisis australis* (Thomson & Mackinnon, 1911), AM E2127, natural size x 0.6.

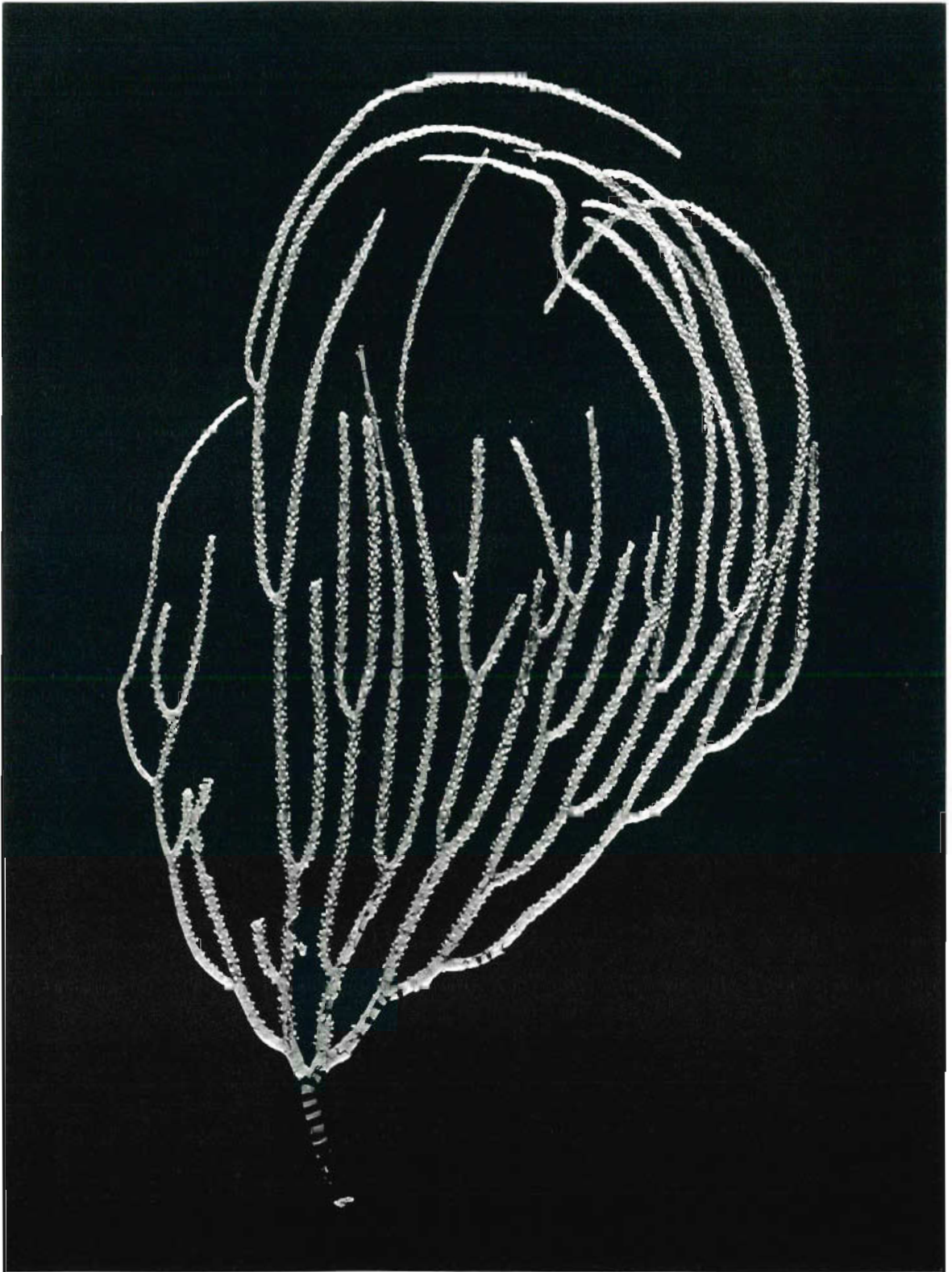


Fig. 138. *Jasminisis zebra* n.sp., holotype, natural size.

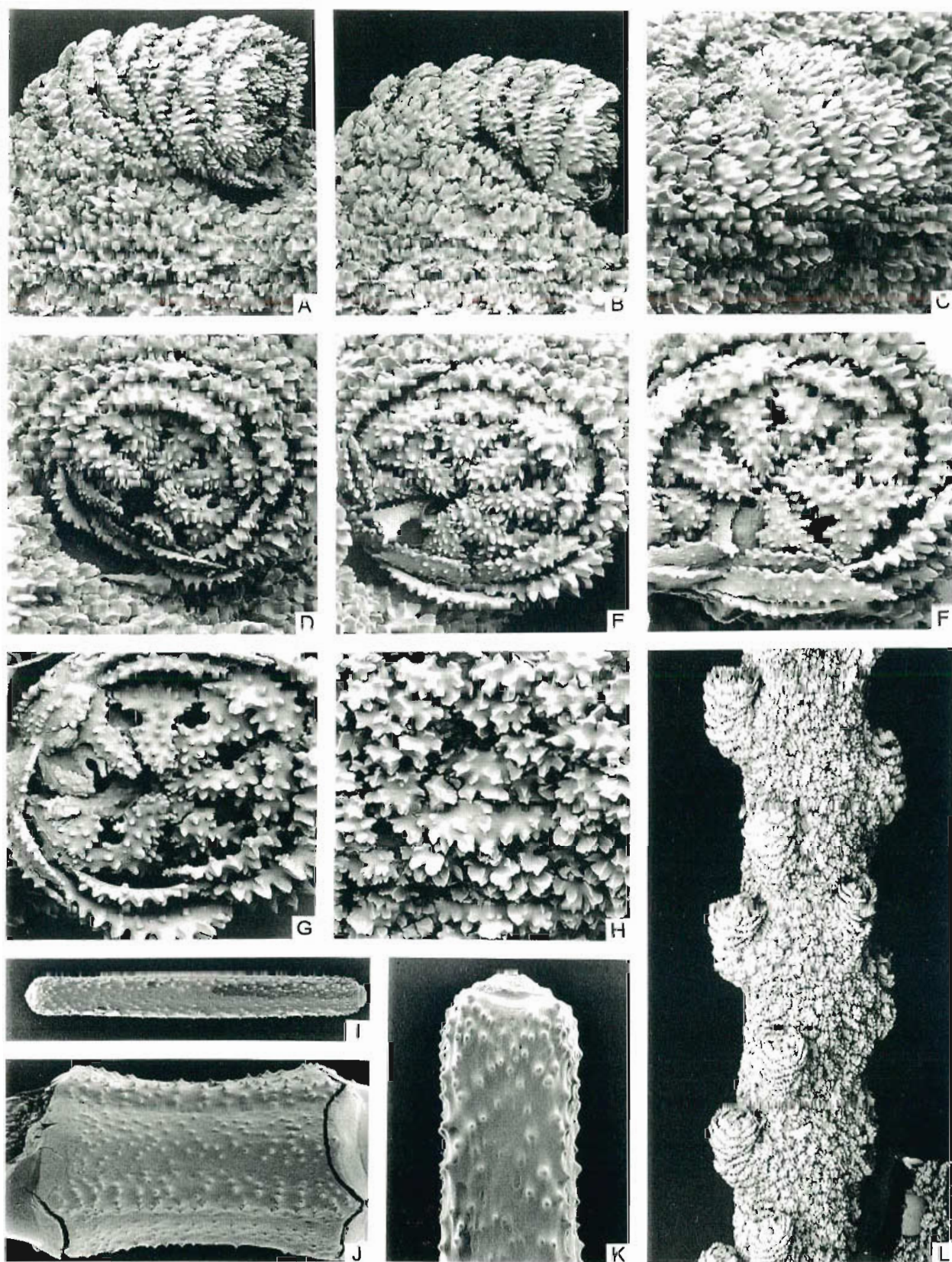


Fig. 139. *Jasminisis zebra* n.sp., holotype: A-G. Polyps; H. Coenenchyme; I-K. Axial internodes; L. Twig fragment.

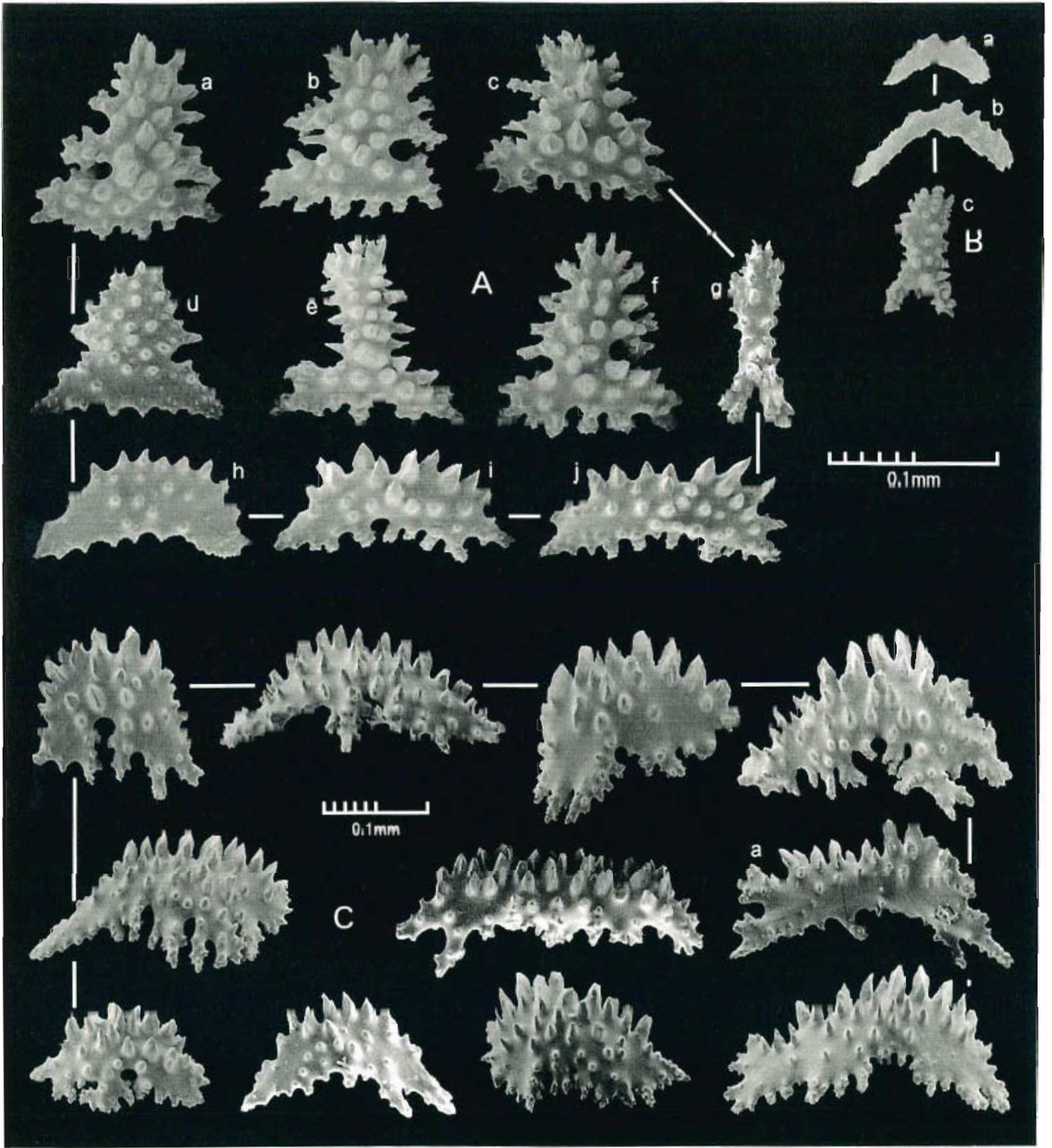


Fig. 140. *Jasminisis zebra* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp head.

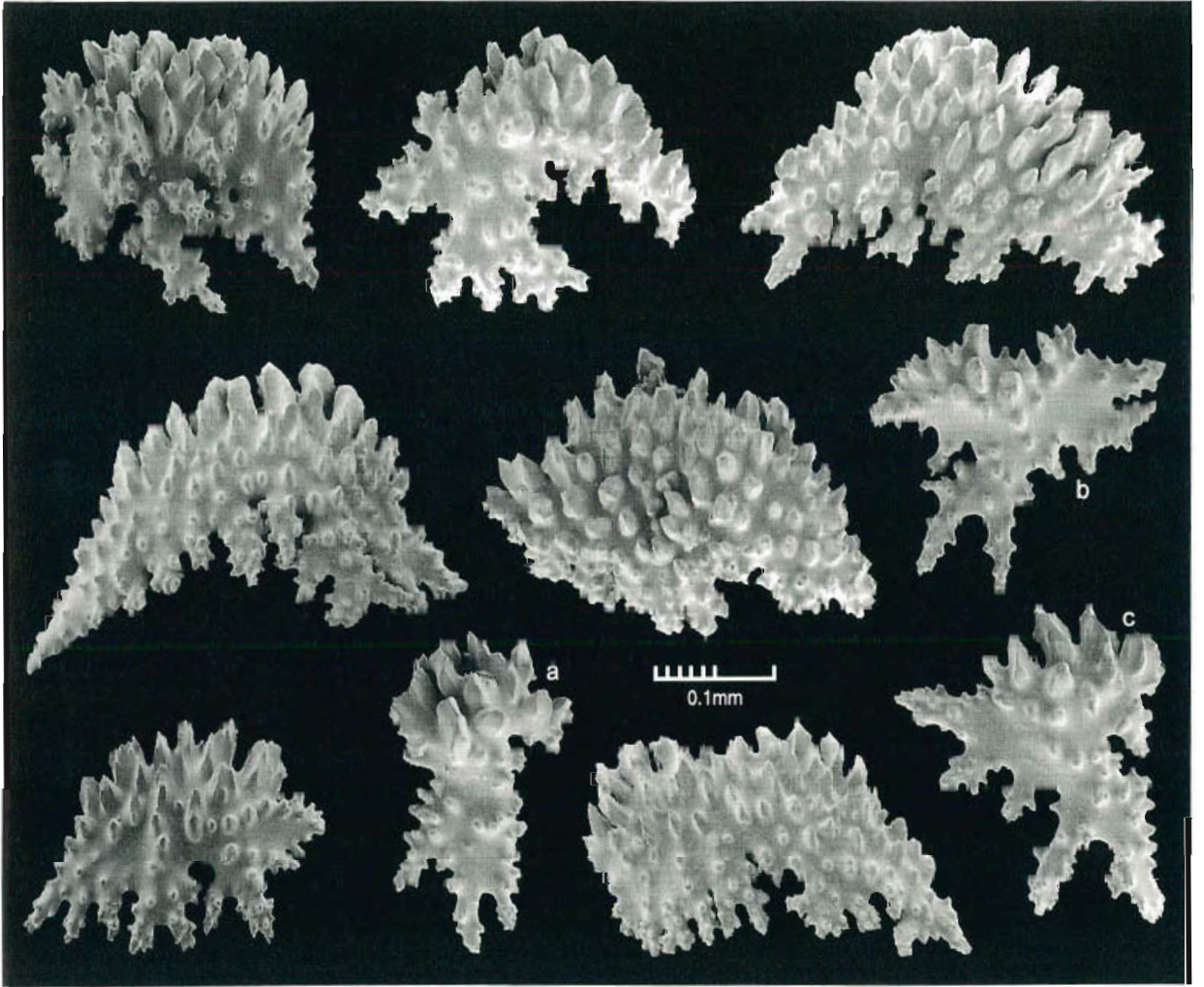


Fig. 141. *Jasminisis zebra* n.sp., holotype, sclerites: Polyp base.

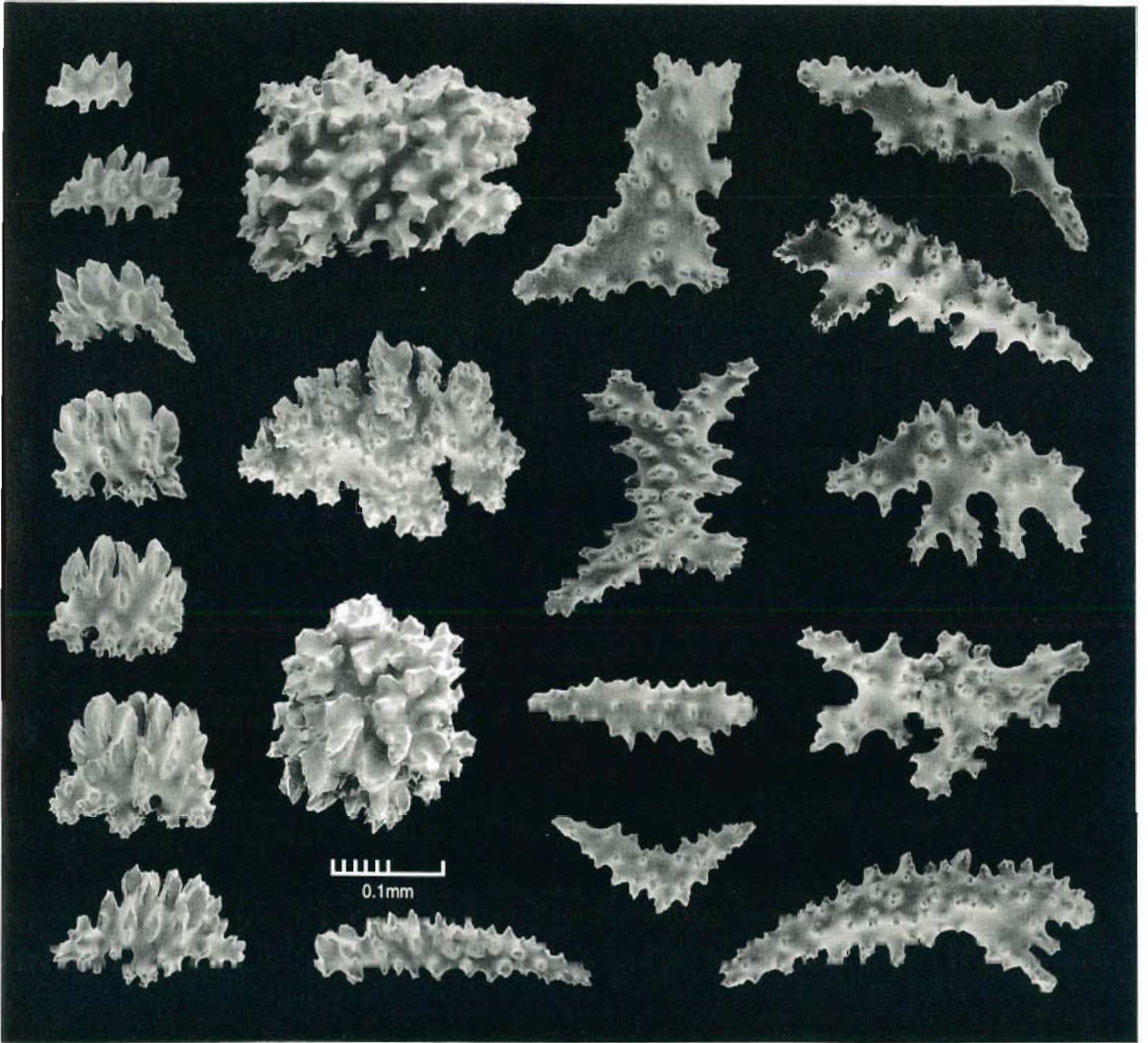


Fig. 142. *Jasminisis zebra* n.sp., holotype, sclerites: Twig coenenchyme.

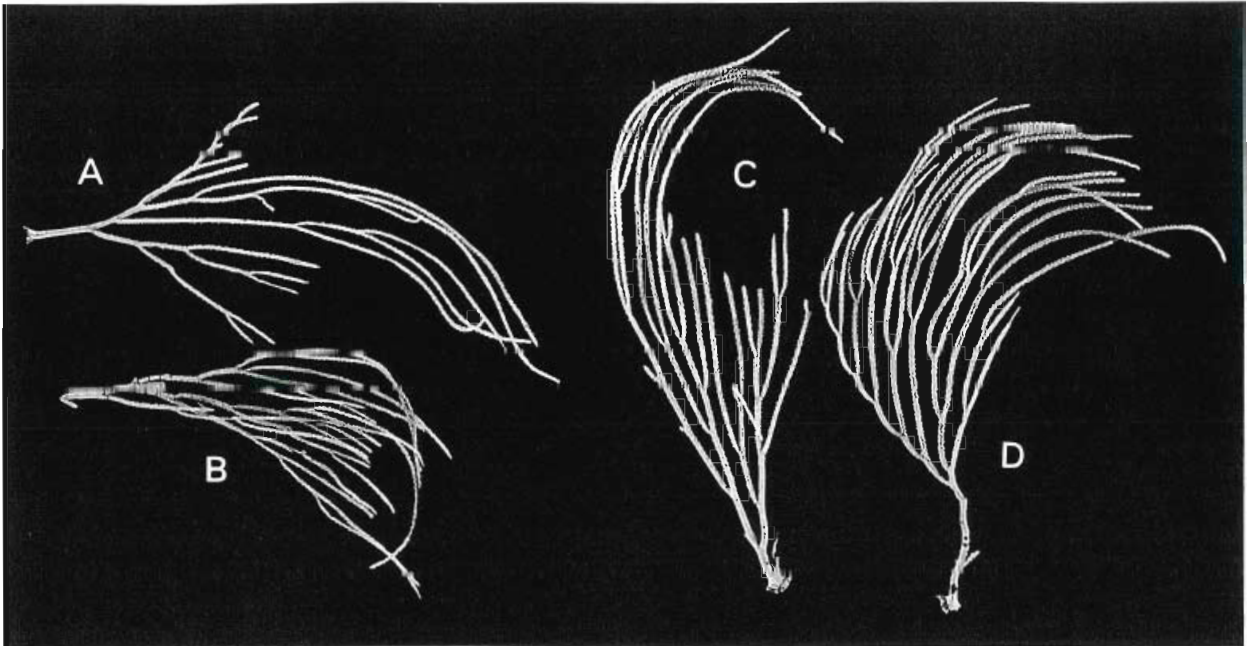


Fig. 143. *Jasminisis zebra* n.sp., paratypes: A. AM G15599; B. AM G15601; C. AM G15602; D. AM G15603. All natural size x 0.4.

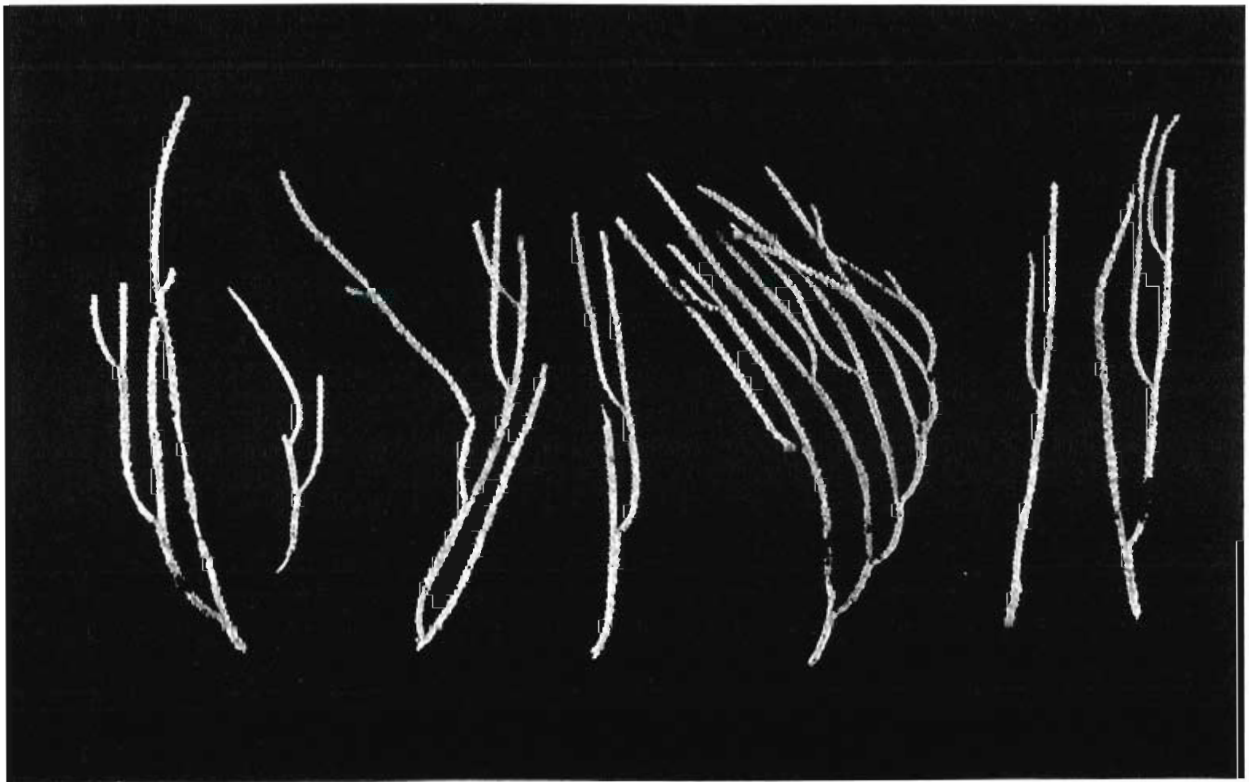


Fig. 144. *Jasminisis zebra* n.sp., paratype, AM G12017 fragments, natural size.

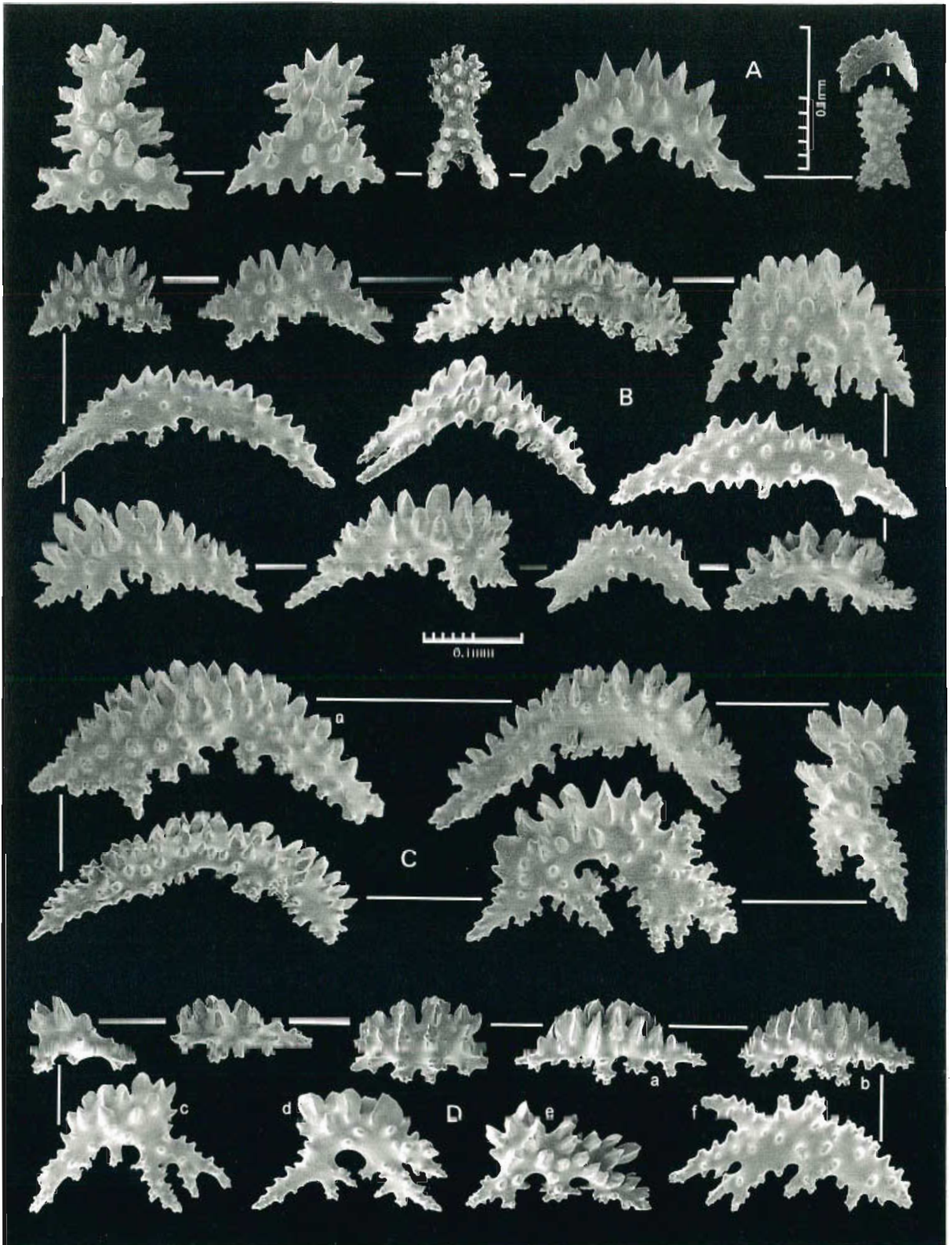


Fig. 145. *Jasminisis zebra* n.sp., paratype, AM G12017, sclerites: A. Anthopoma; B. Polyp head; C. Polyp base; D. Coenenchyme.

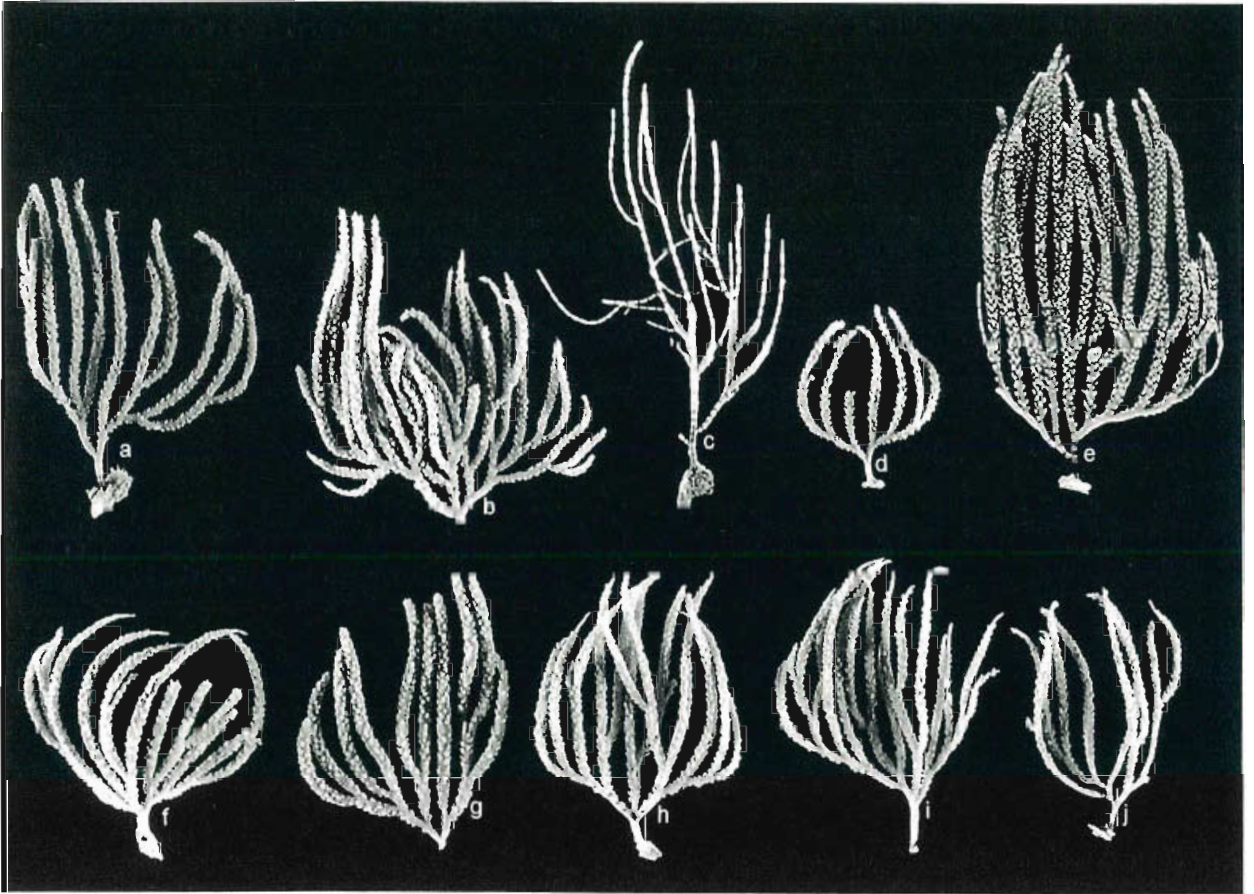


Fig. 146. *Jasminisis candelabra* n.sp., part of type series: A. Holotype; B-D, F-J. Paratypes, AM G15591 (part); E. Paratype, AM G8017.

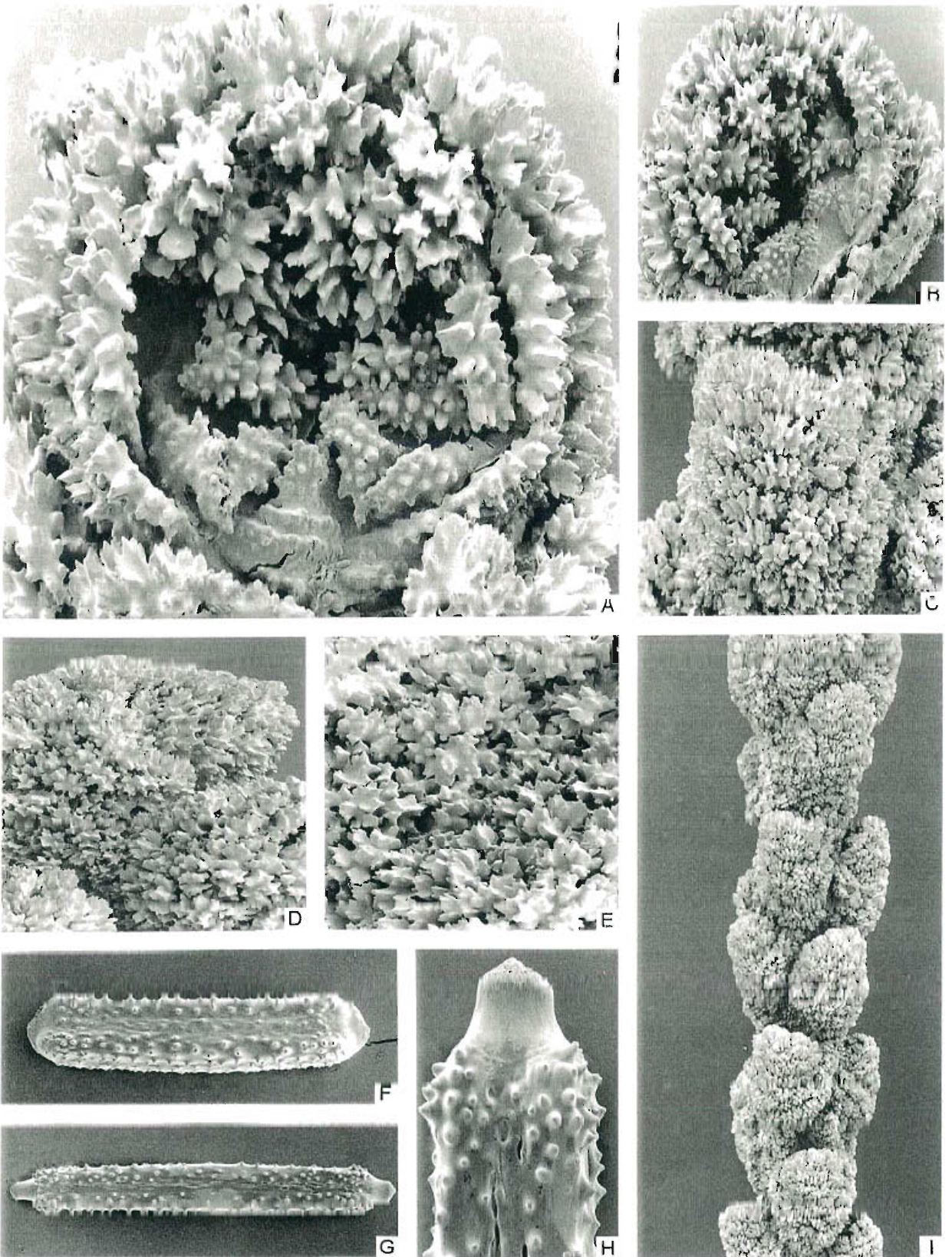


Fig. 147. *Jasminisis candelabra* n.sp., holotype: A-D. Polyps; E. Coenenchyme; F-H. Axial internodes; I. Twig fragment.

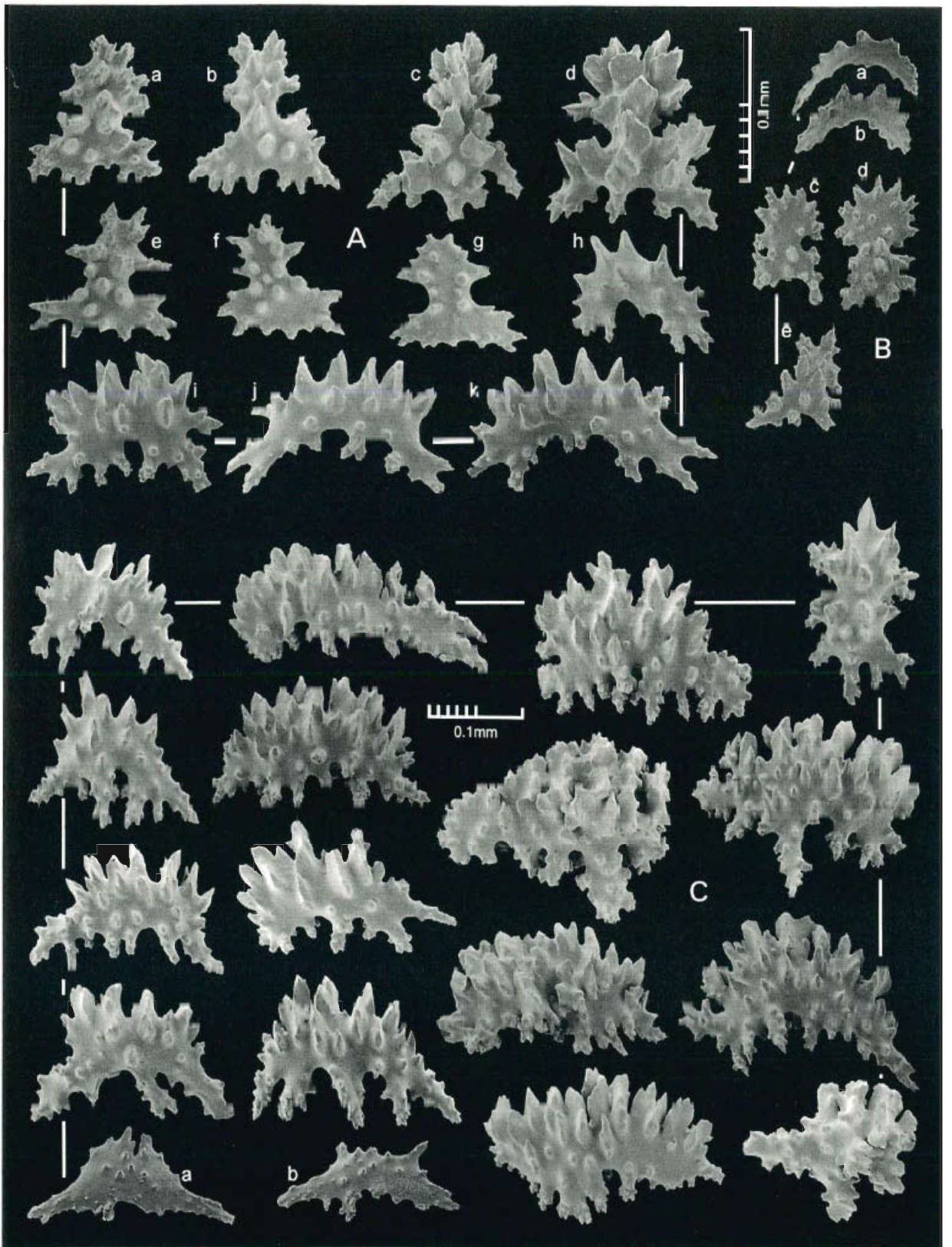


Fig. 148. *Jasminisis candelabra* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body.

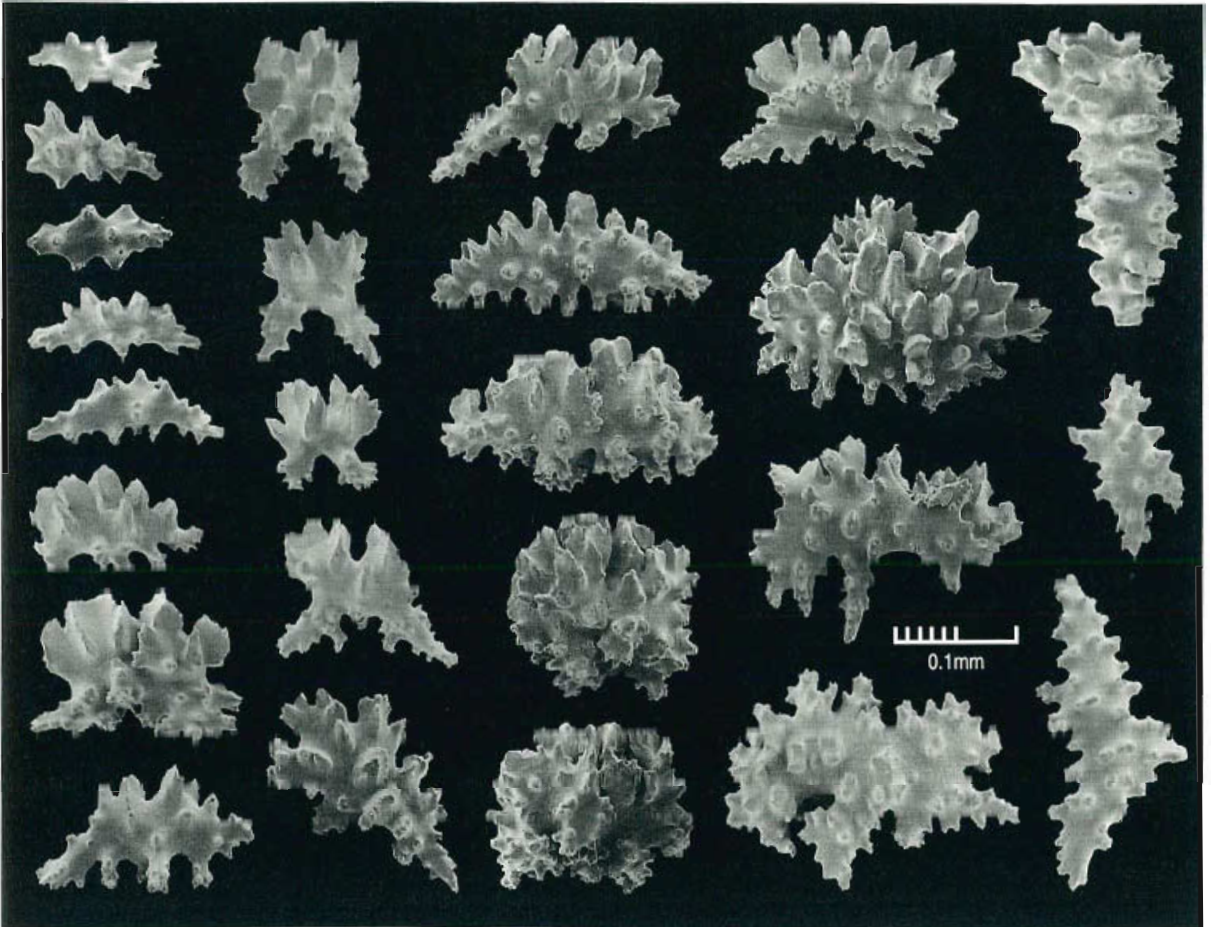


Fig. 149. *Jasminisis candelabra* n.sp., holotype, sclerites: Branch coenenchyme.

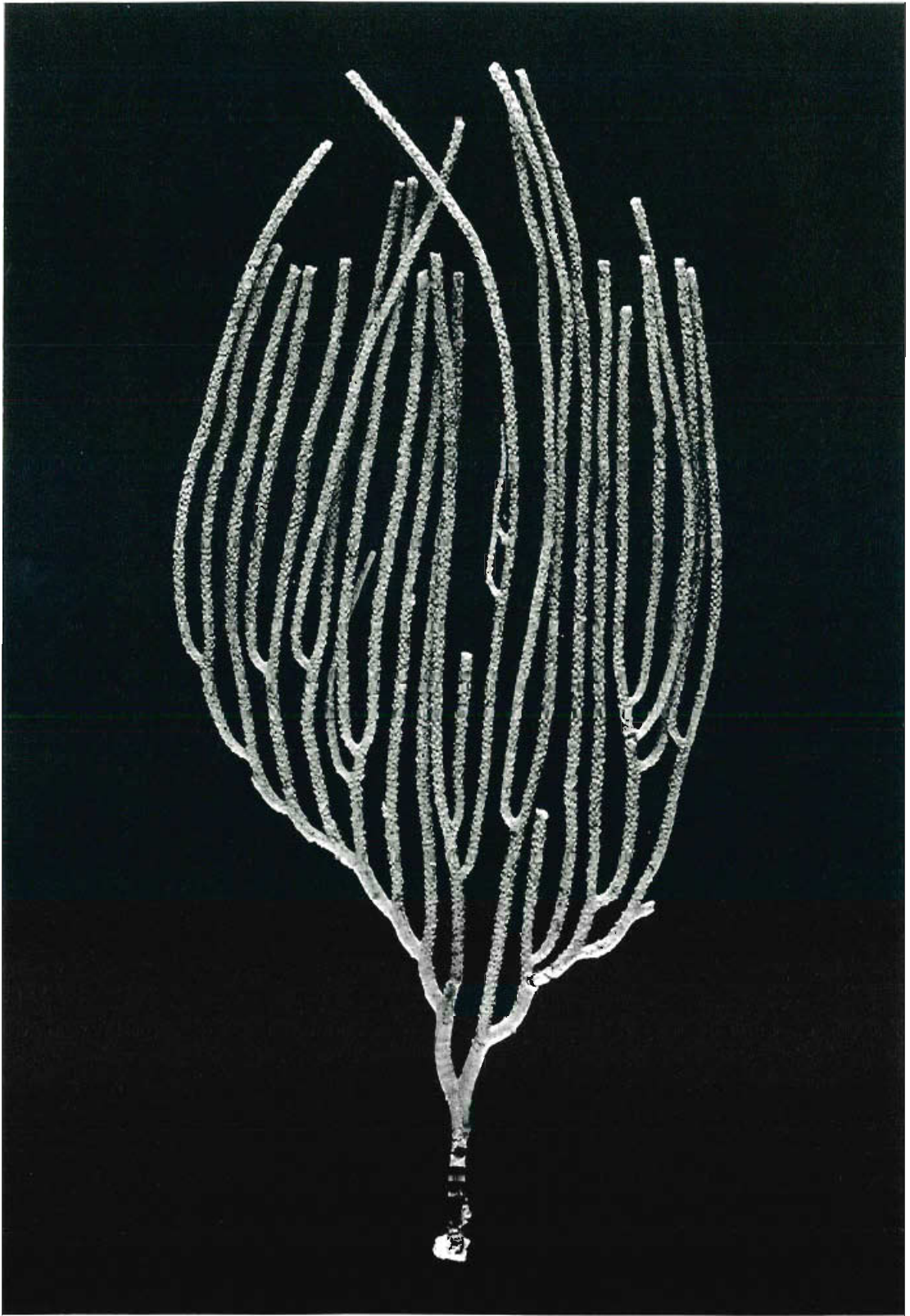


Fig. 150. *Jasminisis deceptrix* n.sp., holotype, natural size.

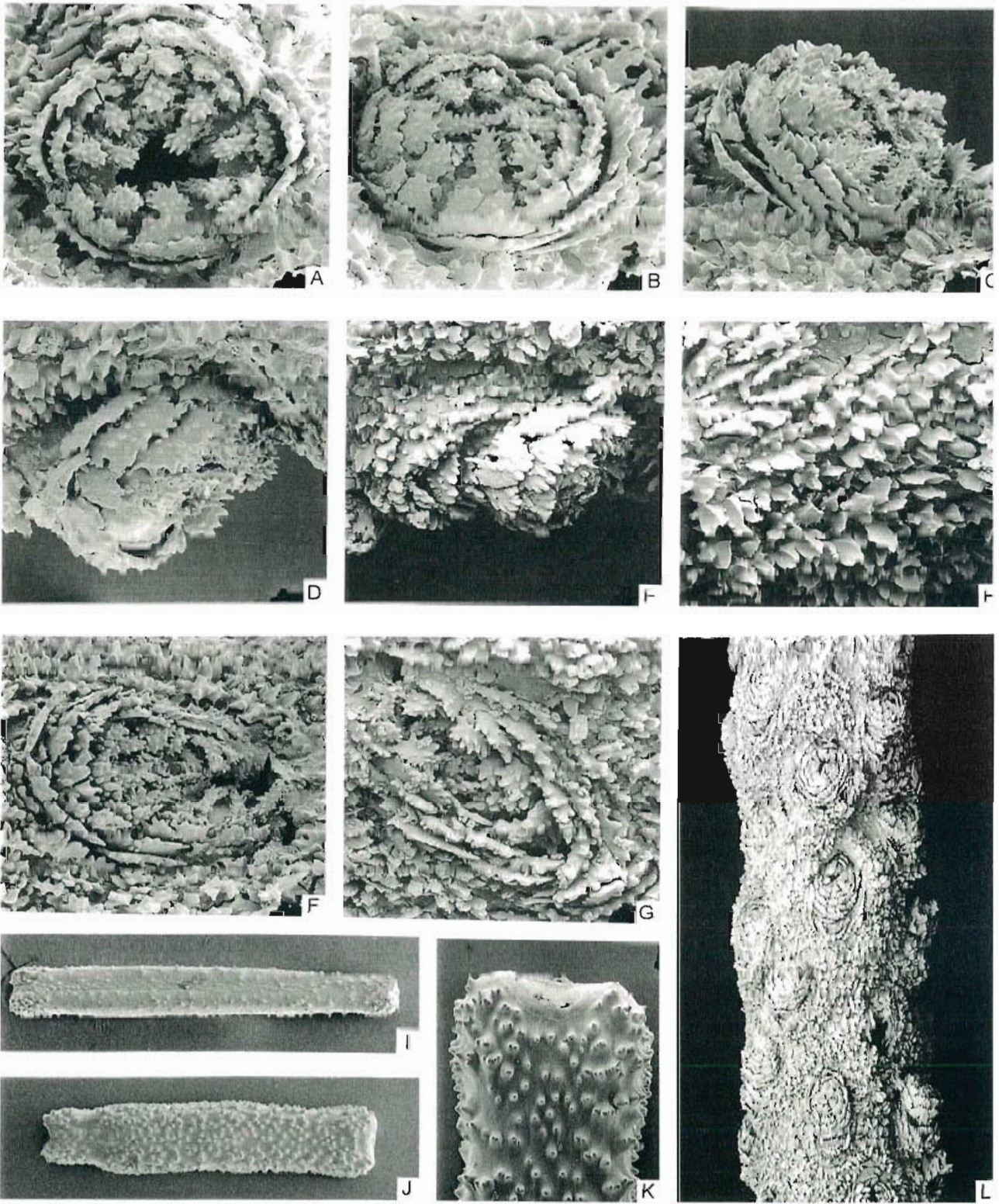


Fig. 151. *Jasminisis deceptrix* n.sp., holotype: A-G. Polyps; H. Coenenchyme; I-K. Axial internodes; L. Twig fragment.

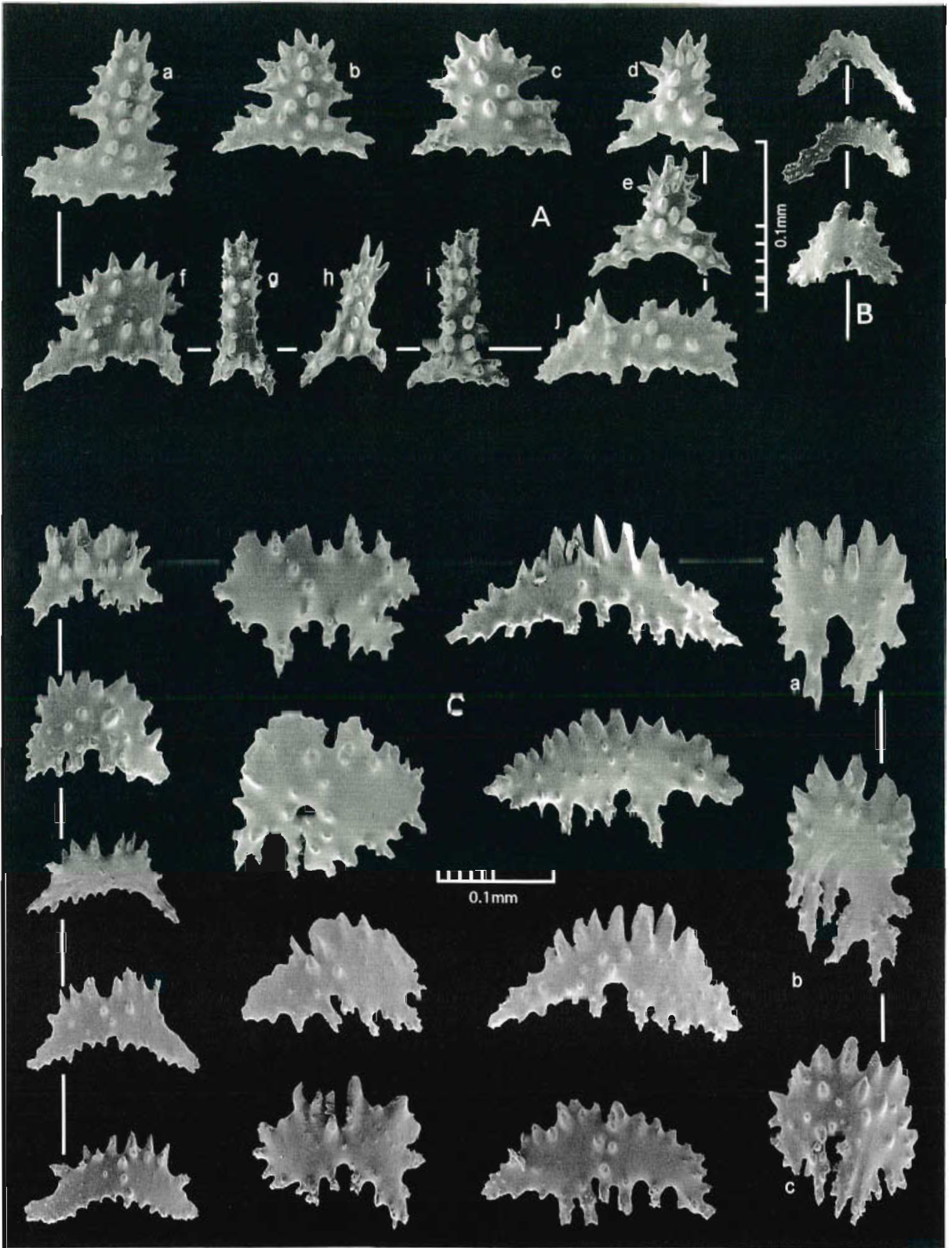


Fig. 152. *Jasminisis deceptrix* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp head.

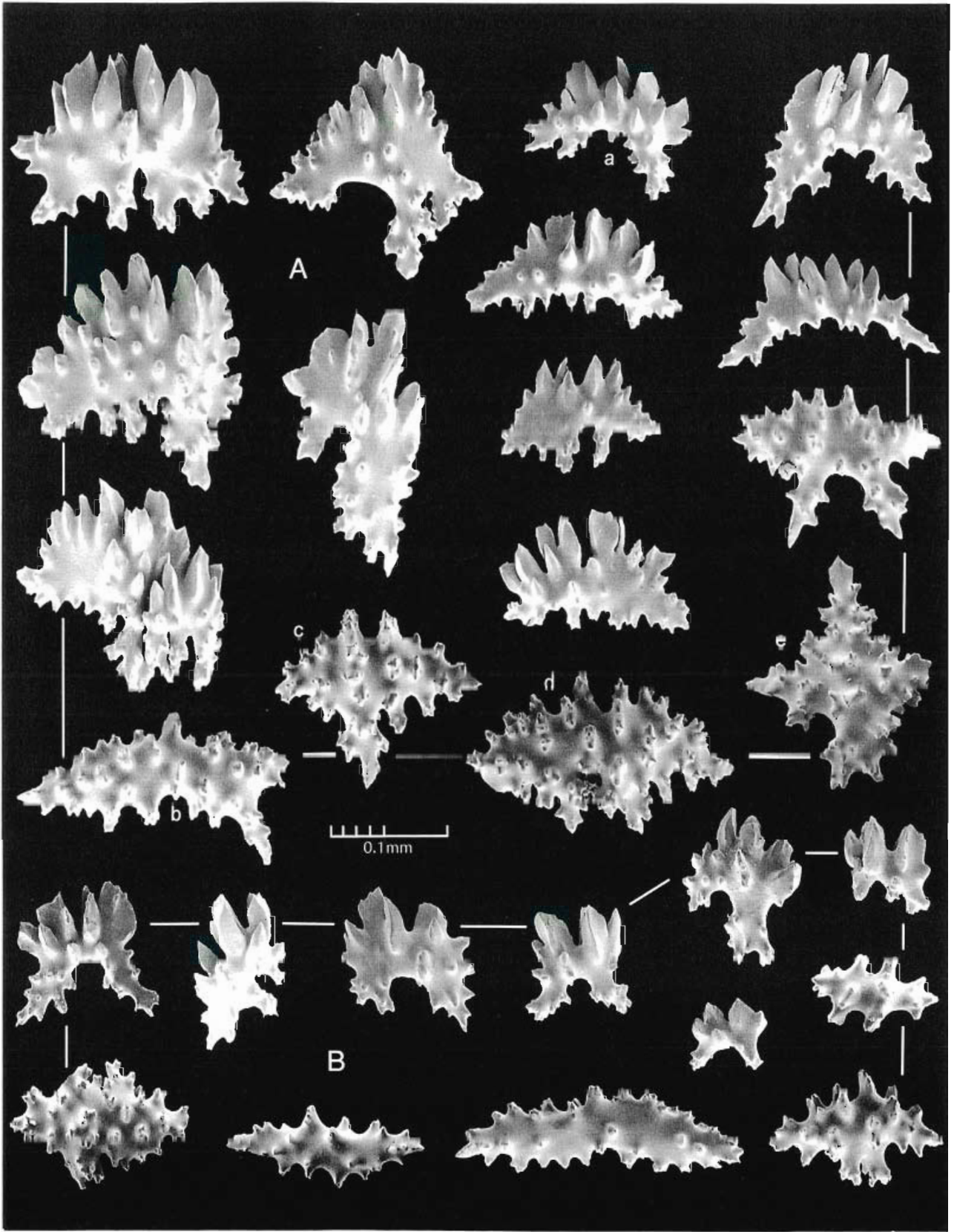


Fig. 153. *Jasminisis deceptrix* n.sp., holotype, sclerites: A. Polyp base; B. Branch coenenchyme.

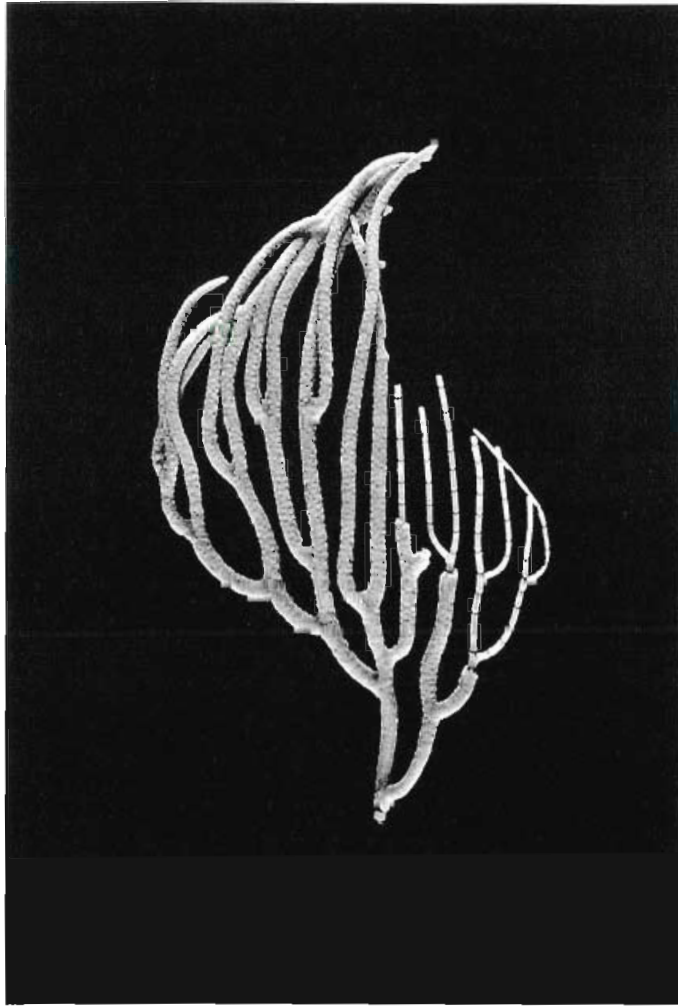


Fig. 154. *Jasminisis deceptrix* n.sp., paratype, AM G8016, natural size.

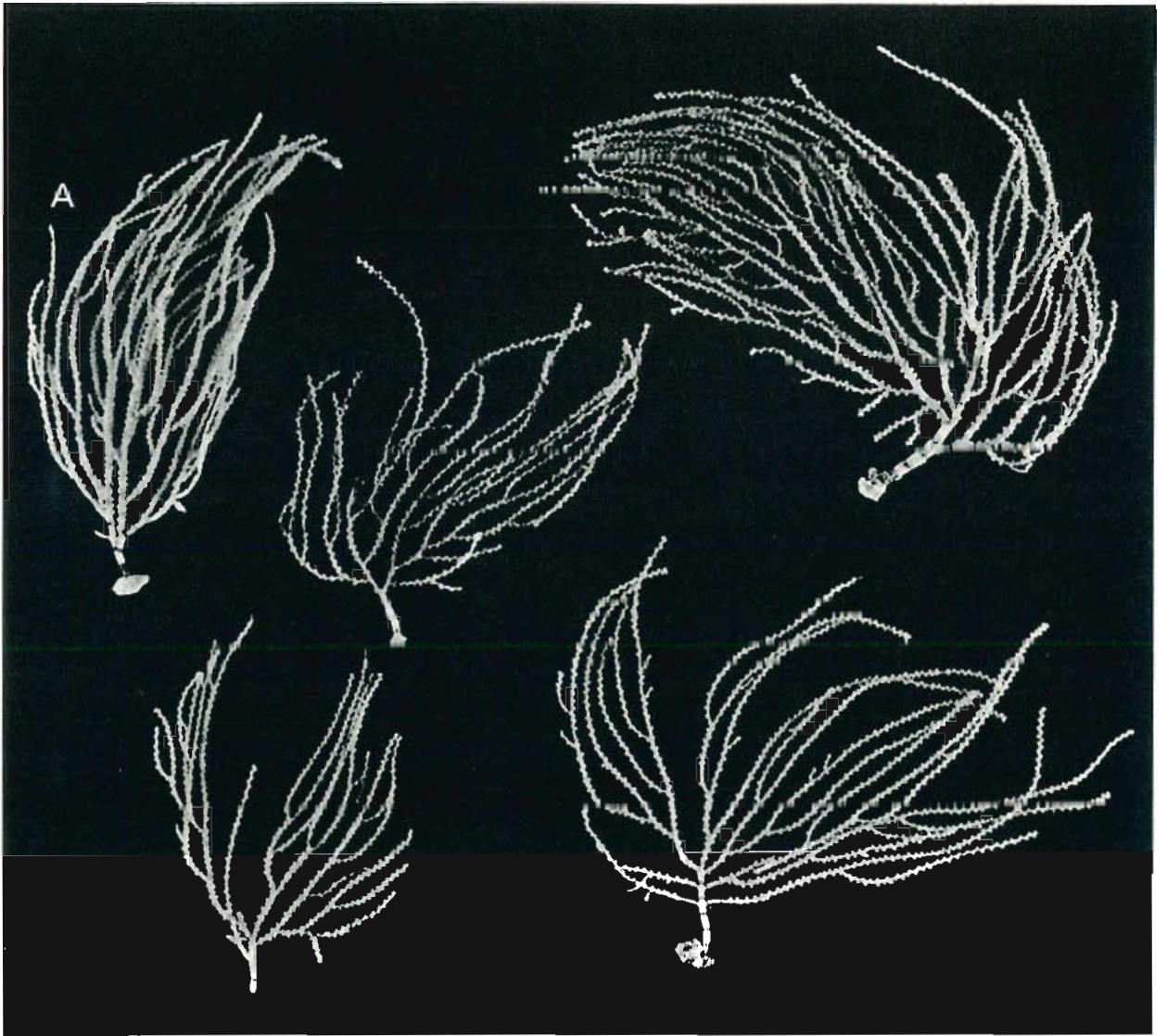


Fig. 155. *Jasminisis cavatica* n.sp., type series: A. Holotype. All natural size.

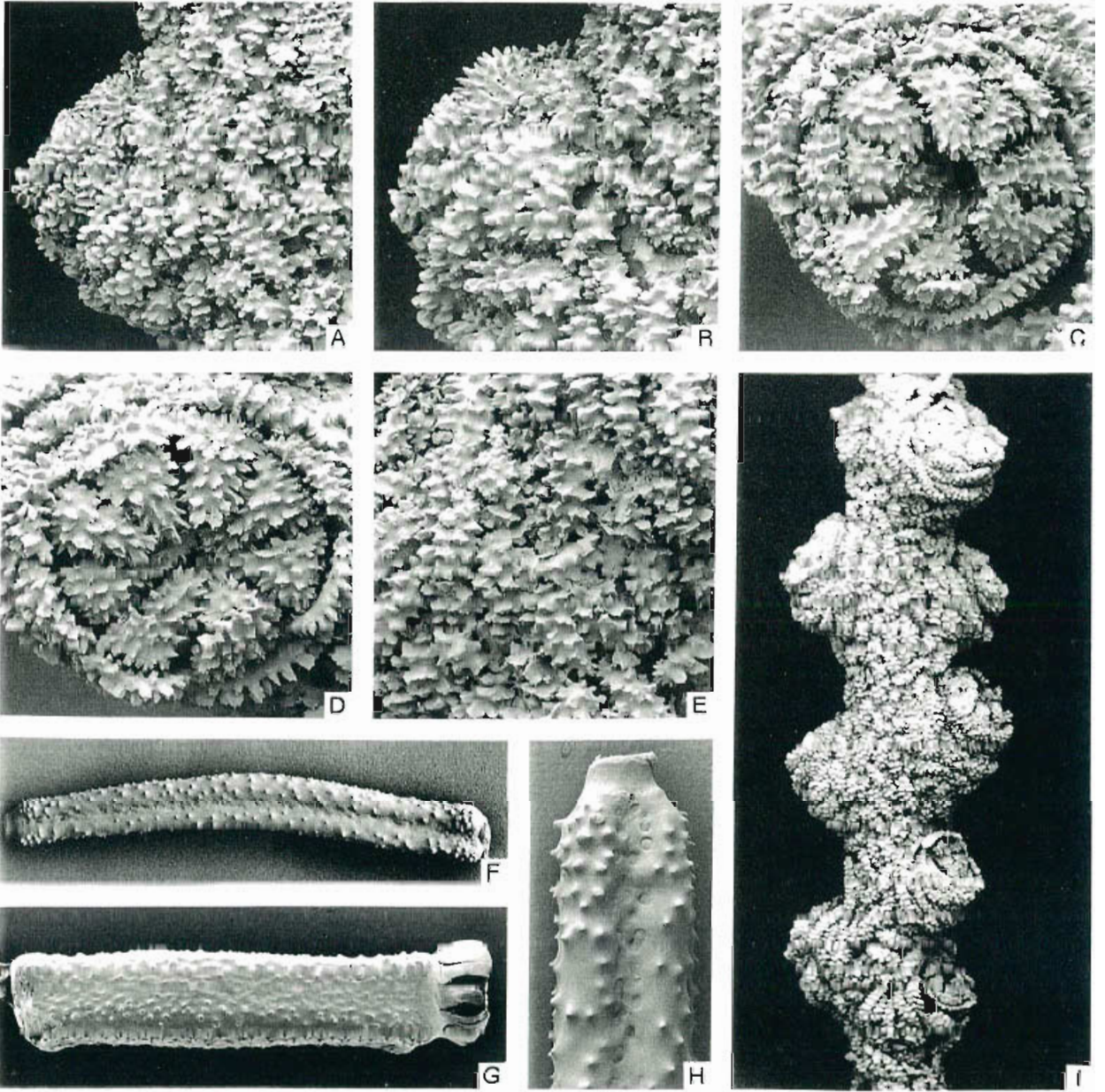


Fig. 156. *Jasminisis cavatica* n.sp., holotype: A-D. Polyps; E. Coenenchyme; F-H. Axial internodes; I. Twig fragment.

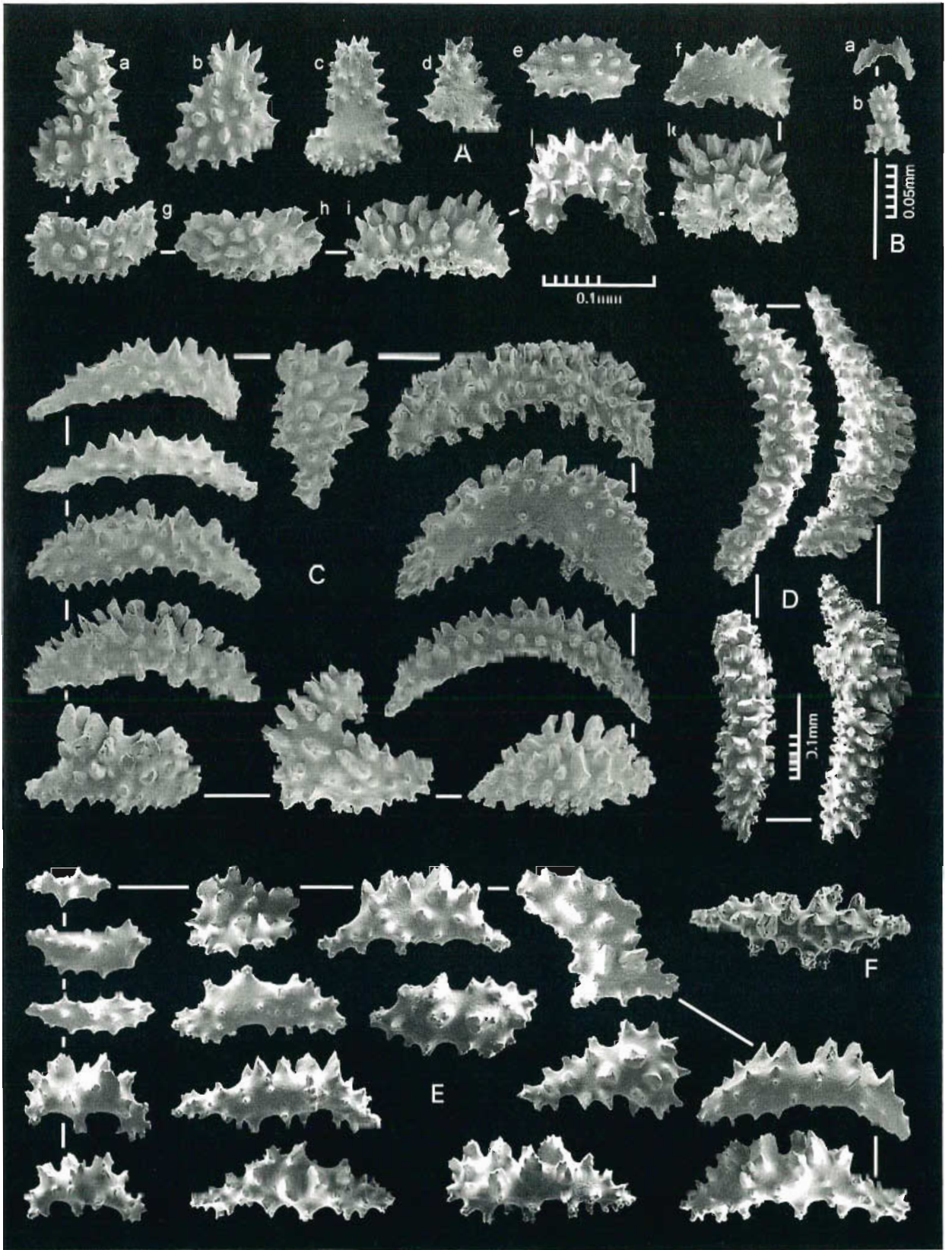


Fig. 157. *Jasminisis cavatica* n.sp., sclerites: A-E. Holotype: (A). Anthopoma; (B). Tentacles; (C-D). Polyp body; (E). Branch coenenchyme. F. Paratype, NTM C917, surface coenenchyme.

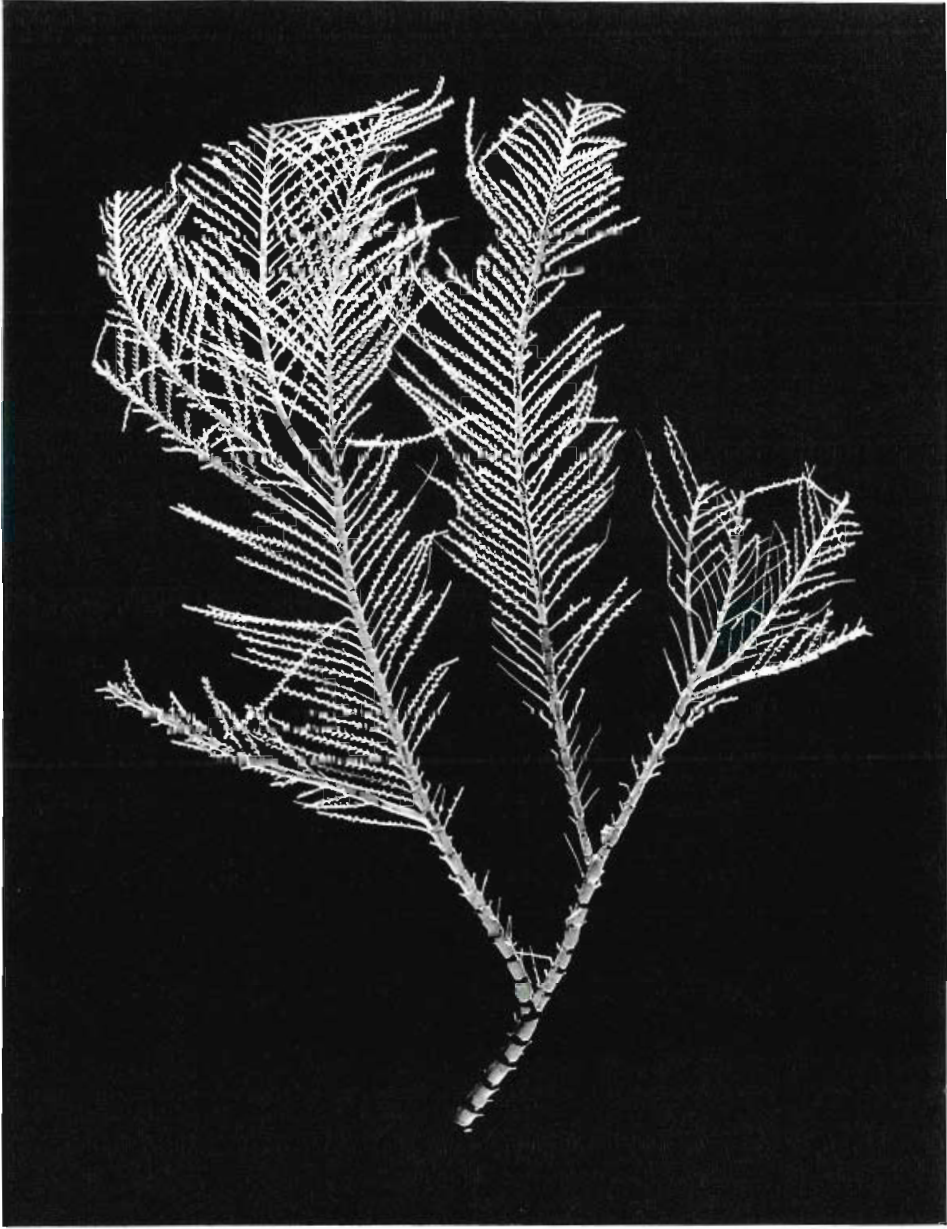


Fig. 158. *Ktenosquamisis bicamella* n.sp., holotype, natural size.

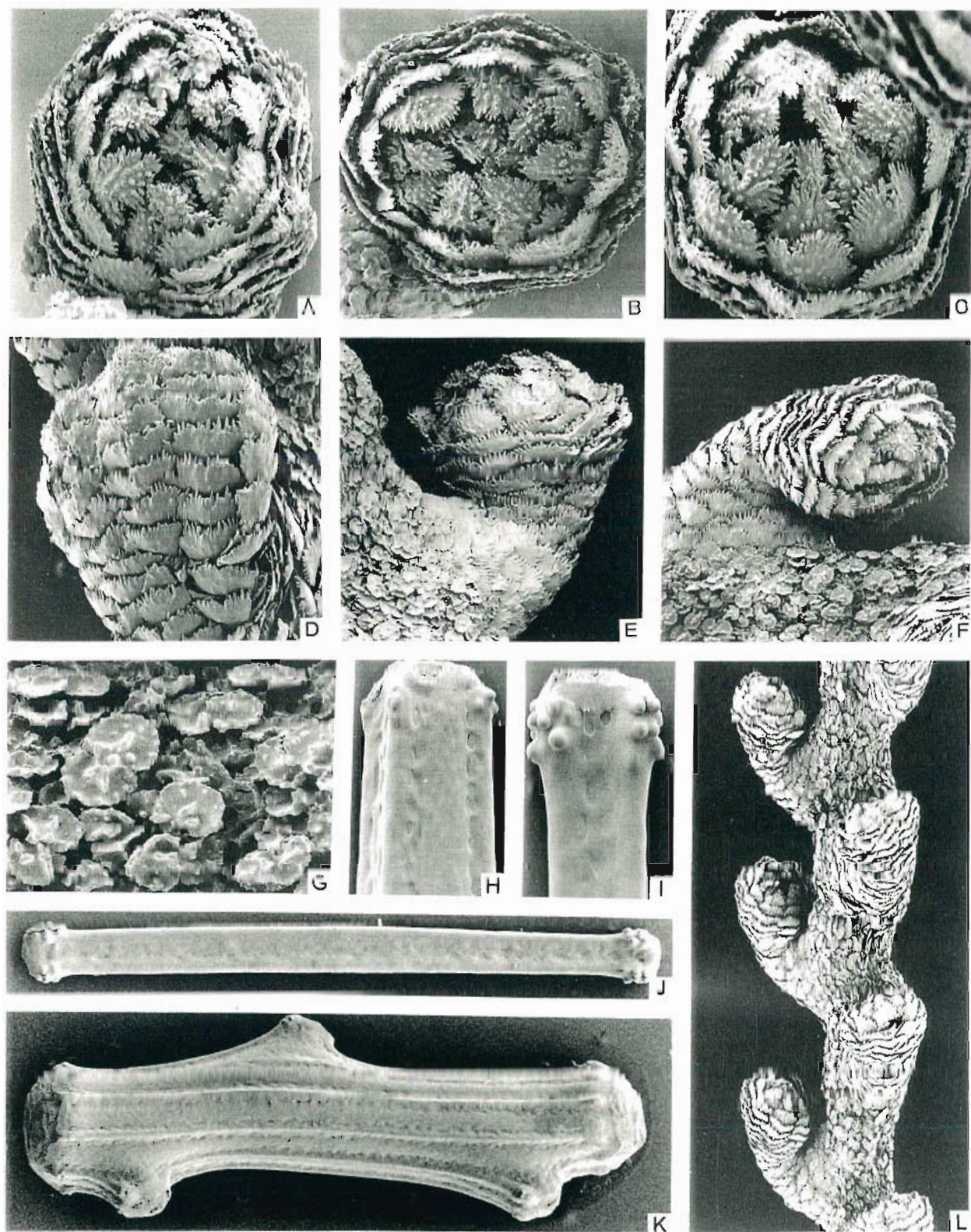


Fig. 159. *Ktenosquamis bicamella* n.sp., holotype: A-F. Polyps; G. Coenenchyme; H-K. Axial internodes; L. Twig fragment.

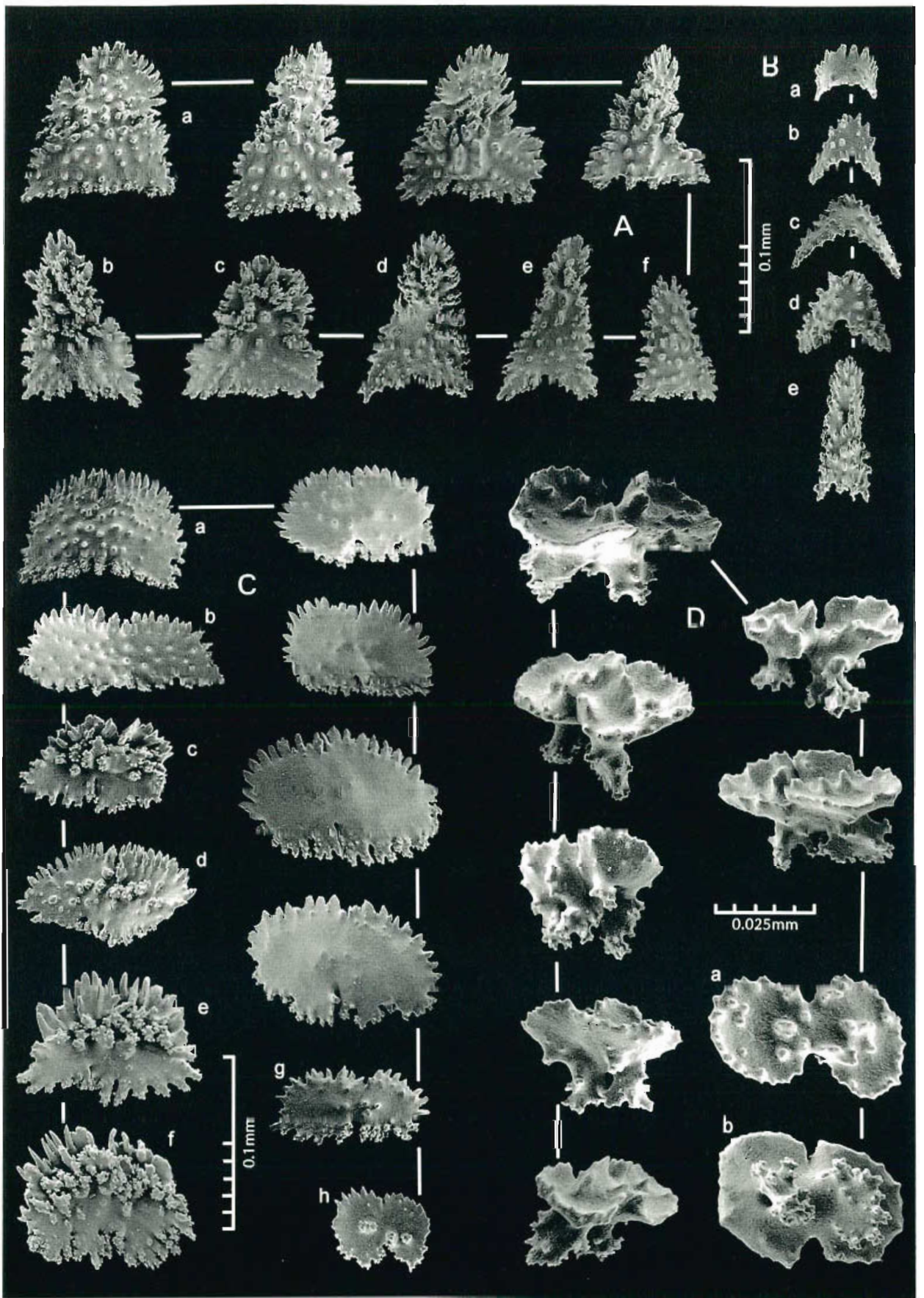


Fig. 160. *Ktenosquamisis bicamella* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Coenenchyme.

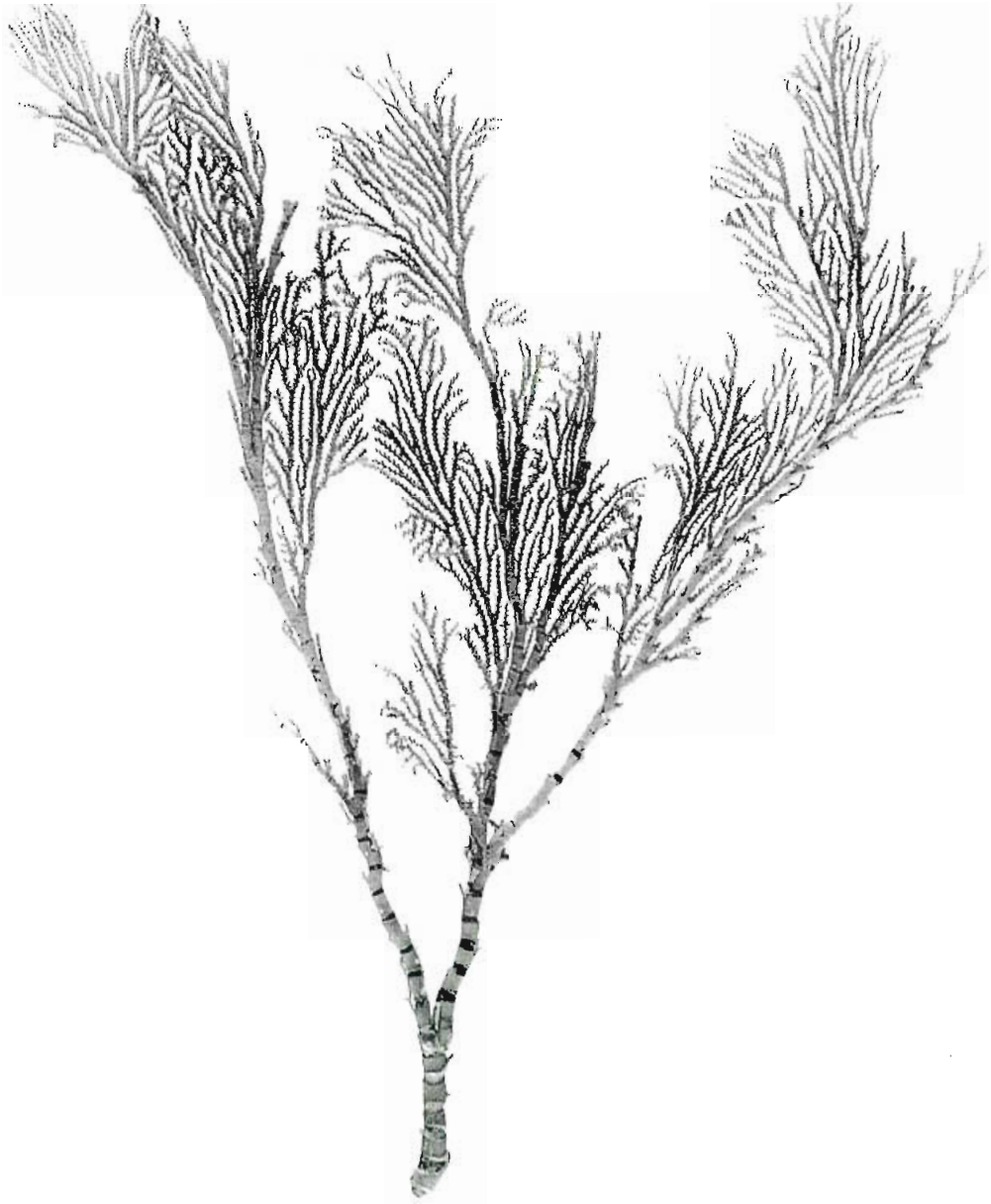


Fig. 161. *Myriozotisis heatherae* n.sp., holotype, natural size.

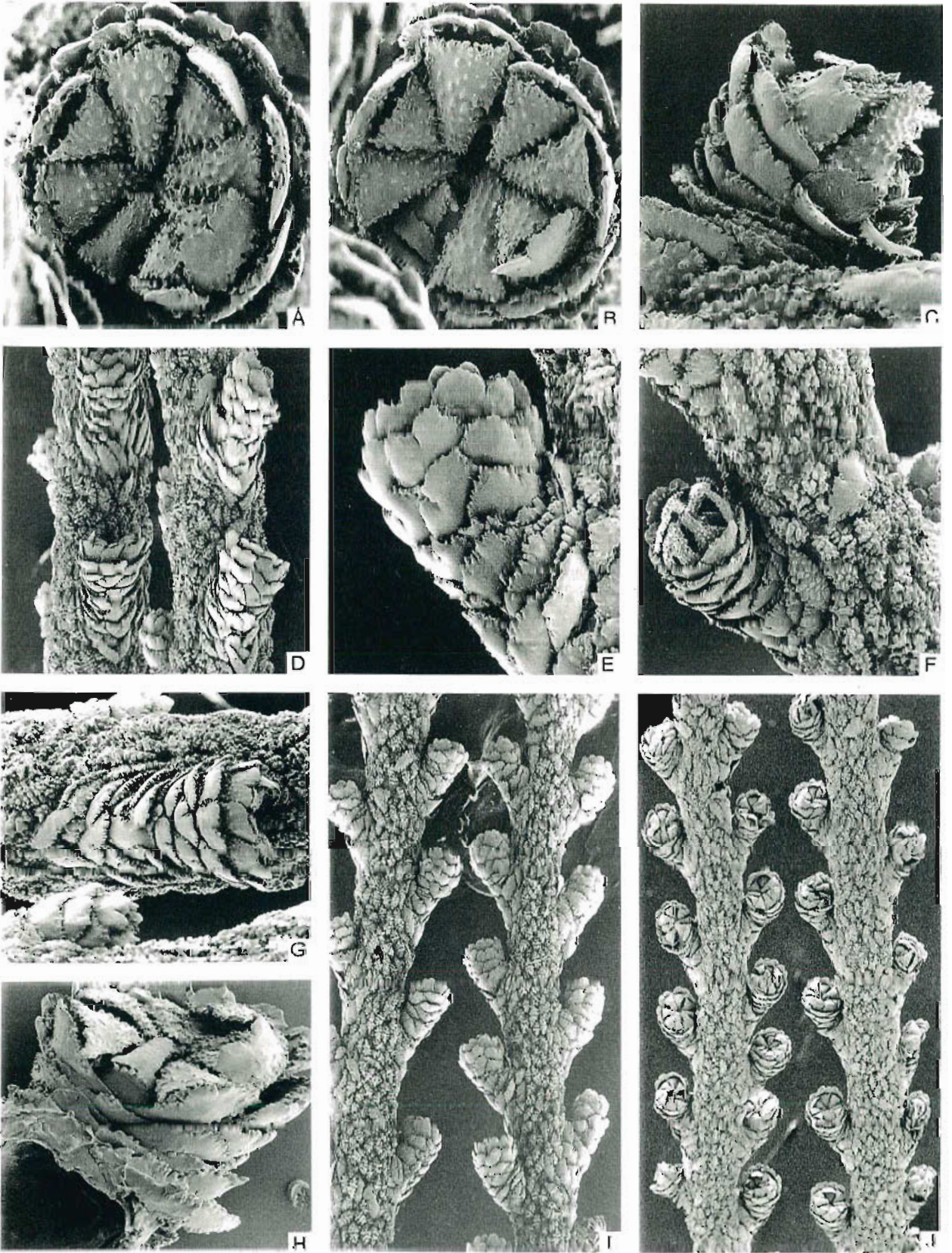


Fig. 162. *Myriozotisis heatherae* n.sp., holotype: A-H. Polyps; I-J. Twig fragment.

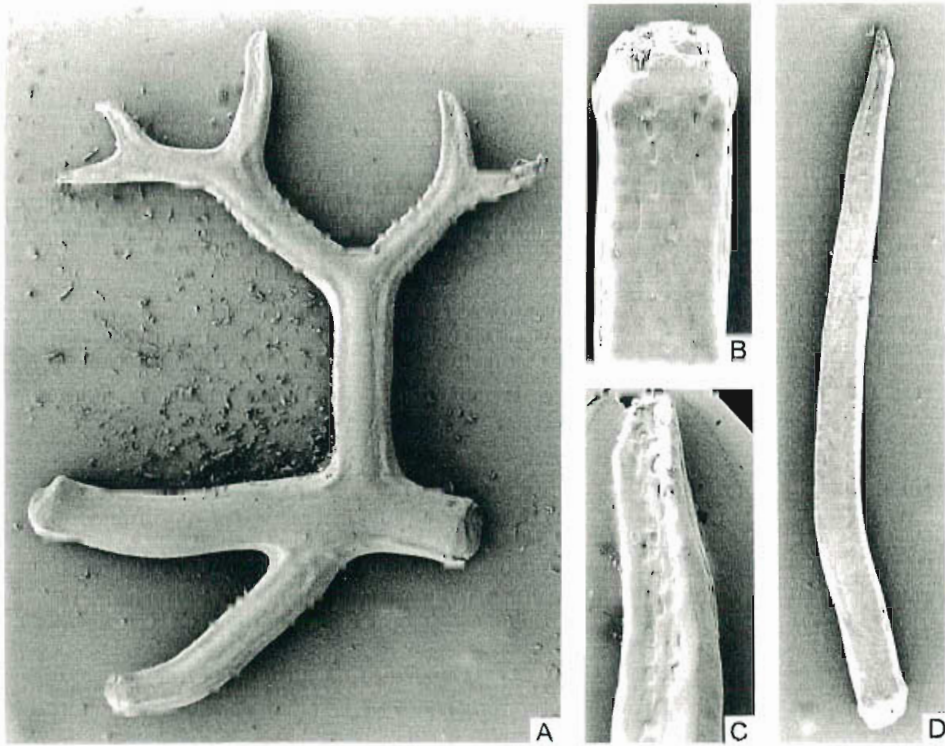


Fig. 163. *Myriozotisis heatherae* n.sp., holotype: A-D. Axial internodes.

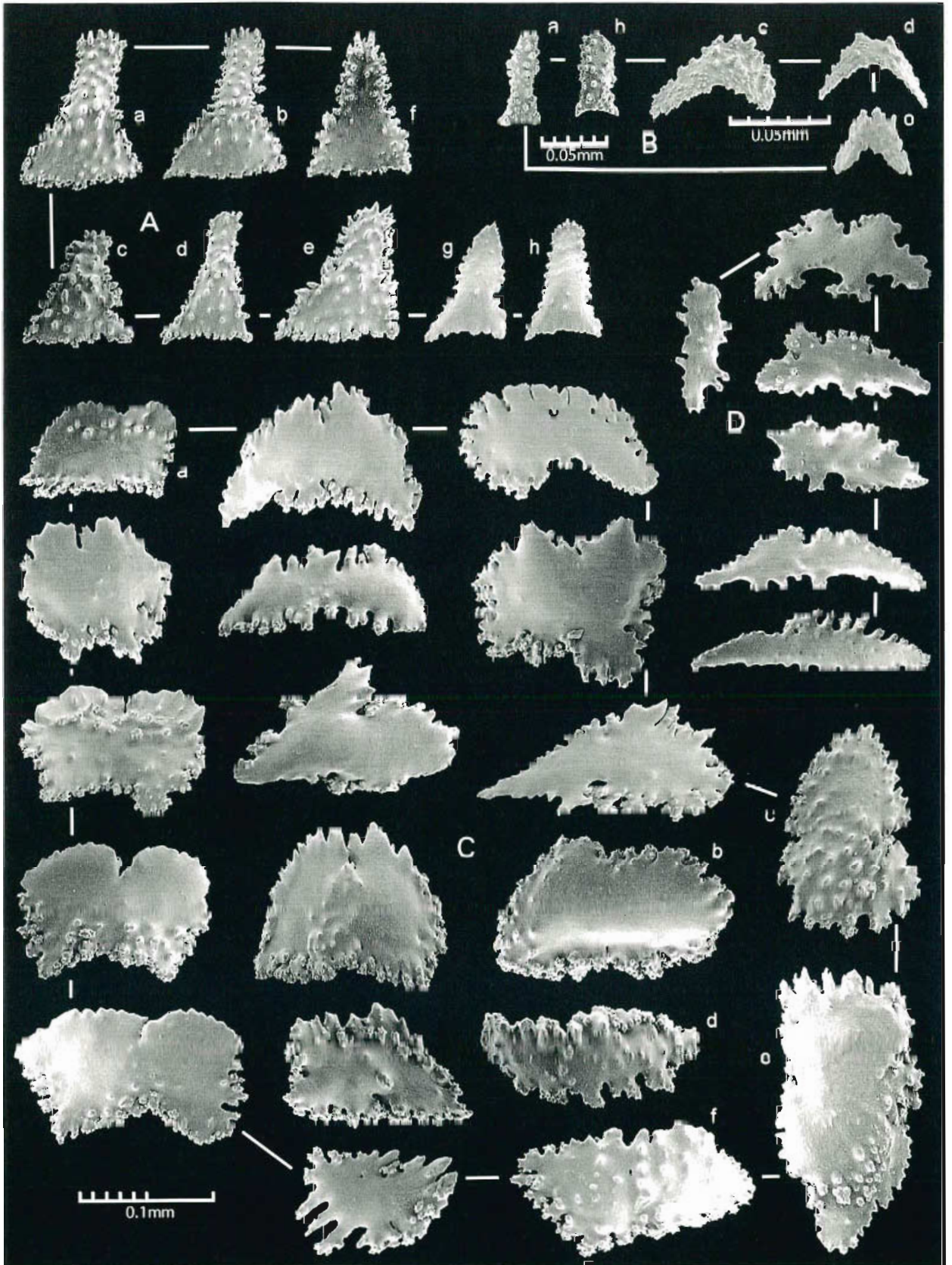


Fig. 164. *Myrizotisis heatherae* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Adaxial polyp sclerites.

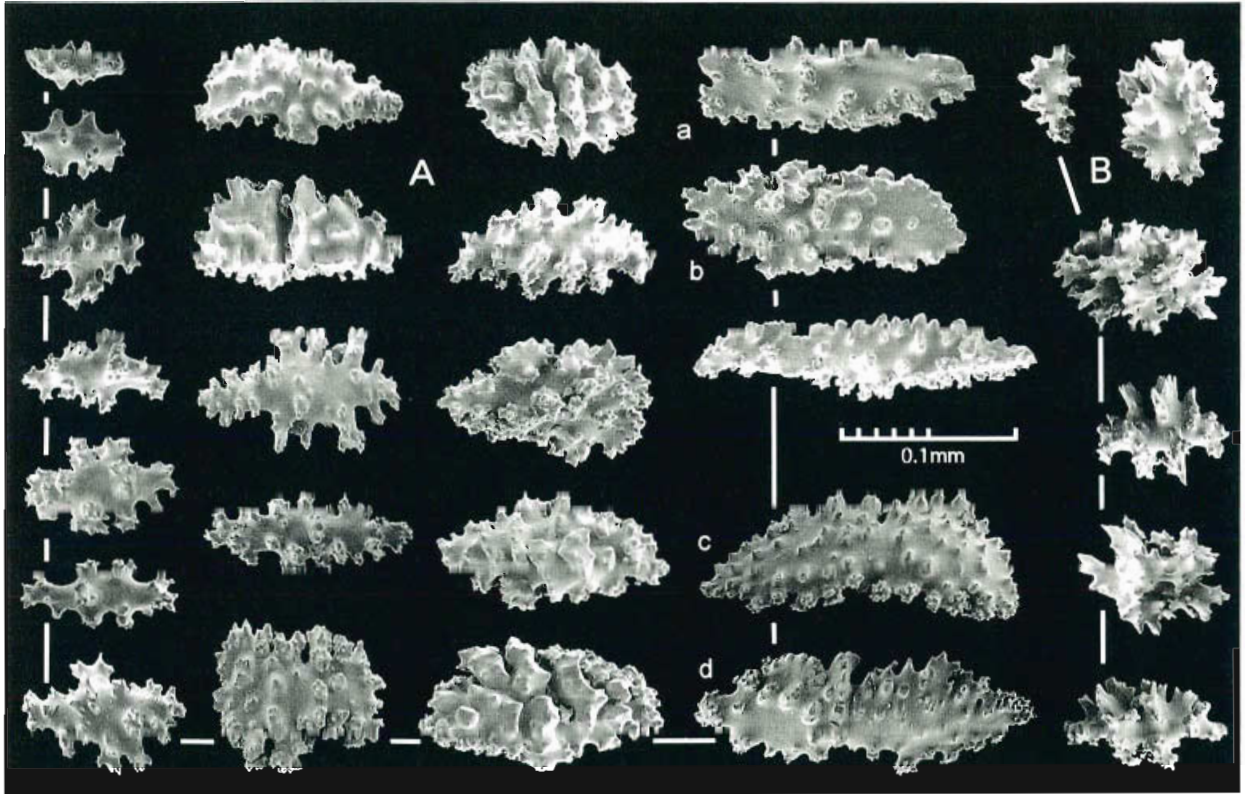


Fig. 165. *Myriozotisis heatherae* n.sp., sclerites: A. Holotype, twig coenenchyme; B. Paratype, QM G301210, basal stem coenenchyme.

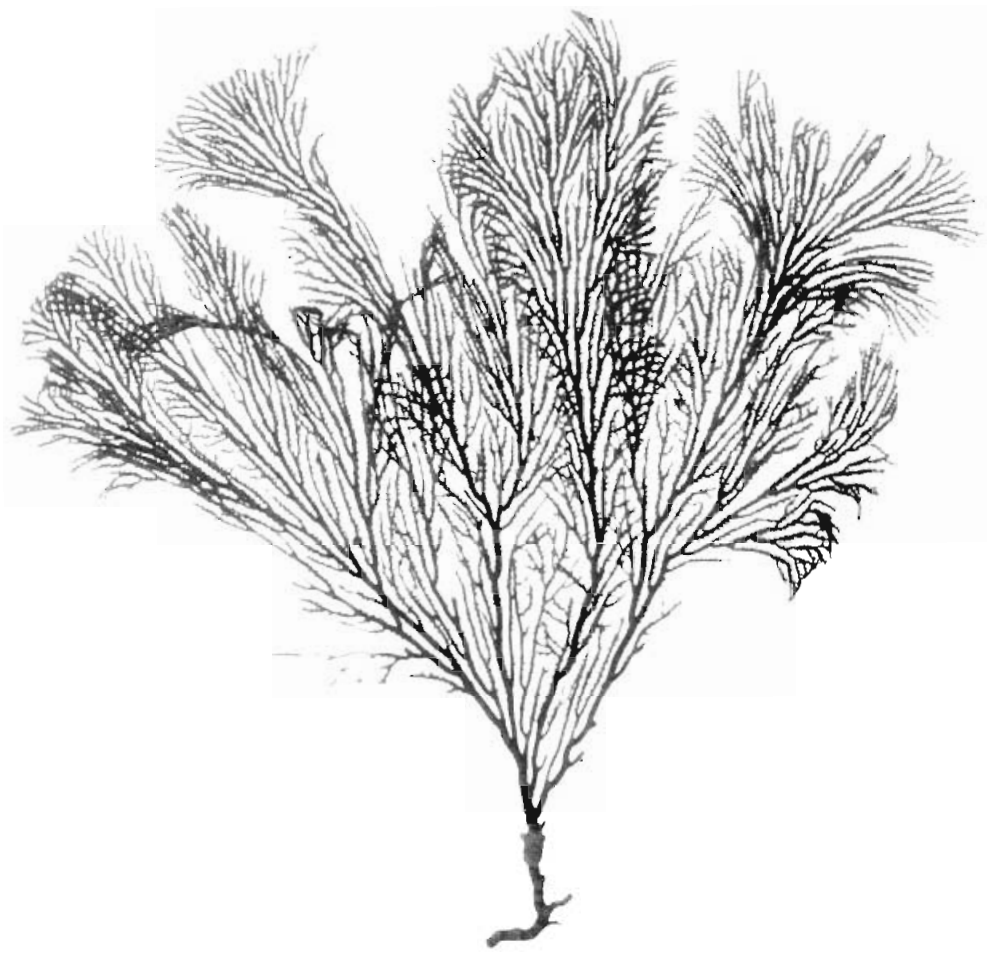


Fig. 166. *Myriozotisis spinosa* n.sp., holotype, natural size.

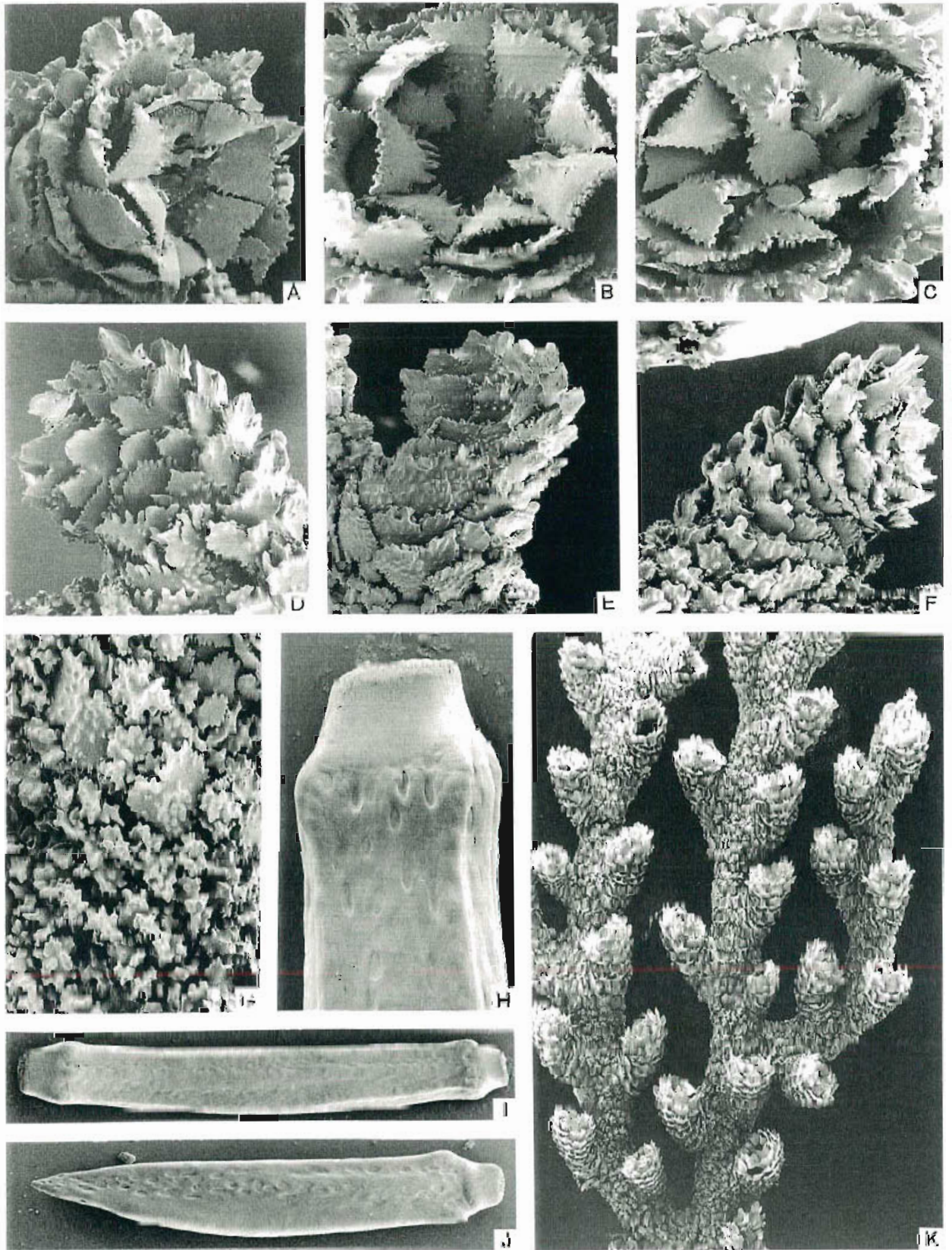


Fig. 167. *Myriozotisis spinosa* n.sp., holotype: A-F. Polyps; G. Coenenchyme; H-J. Axial internodes; K. Twig fragment.

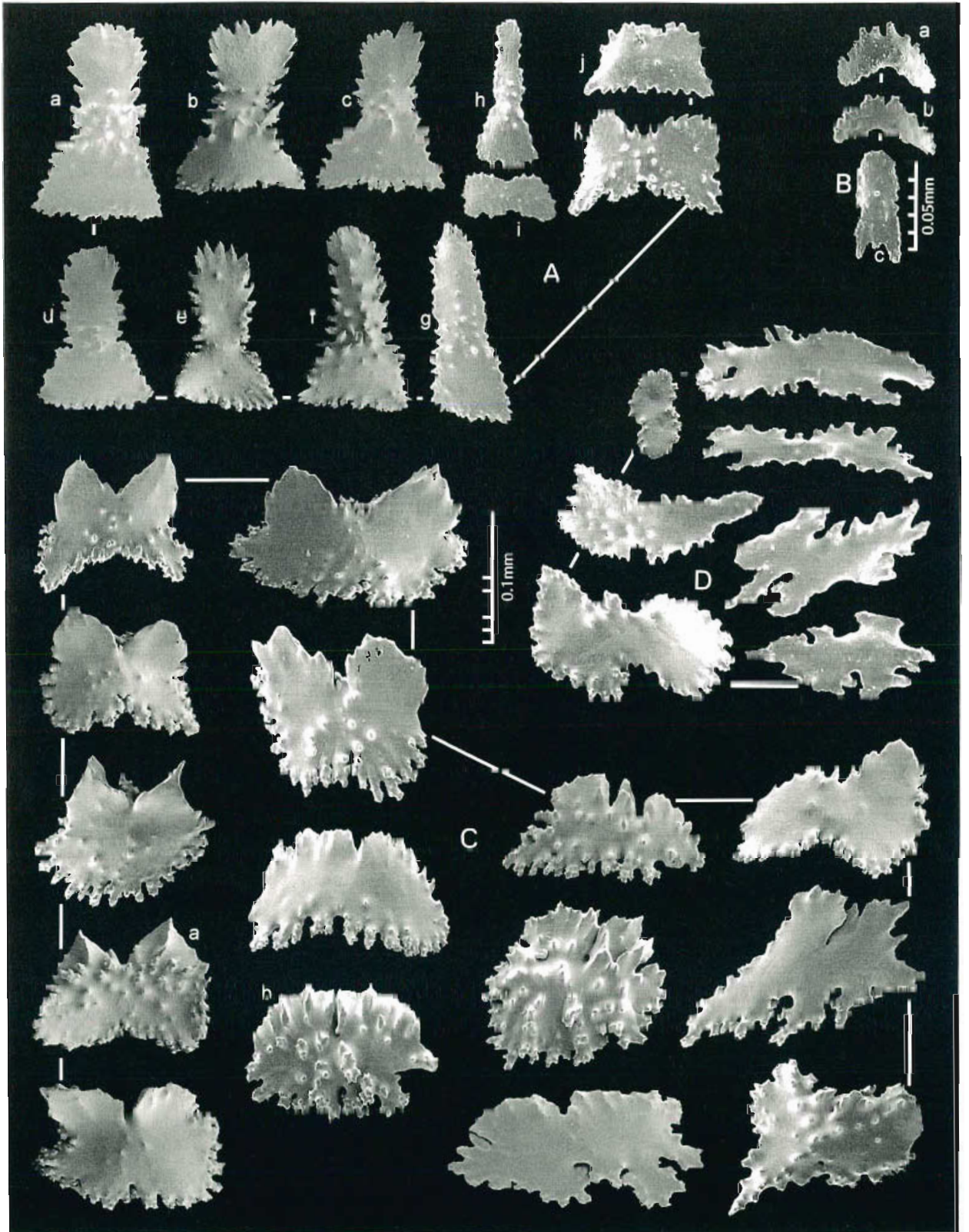


Fig. 168. *Myrizotisis spinosa* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Small polyp body scales; D. Adaxial polyp platelets.

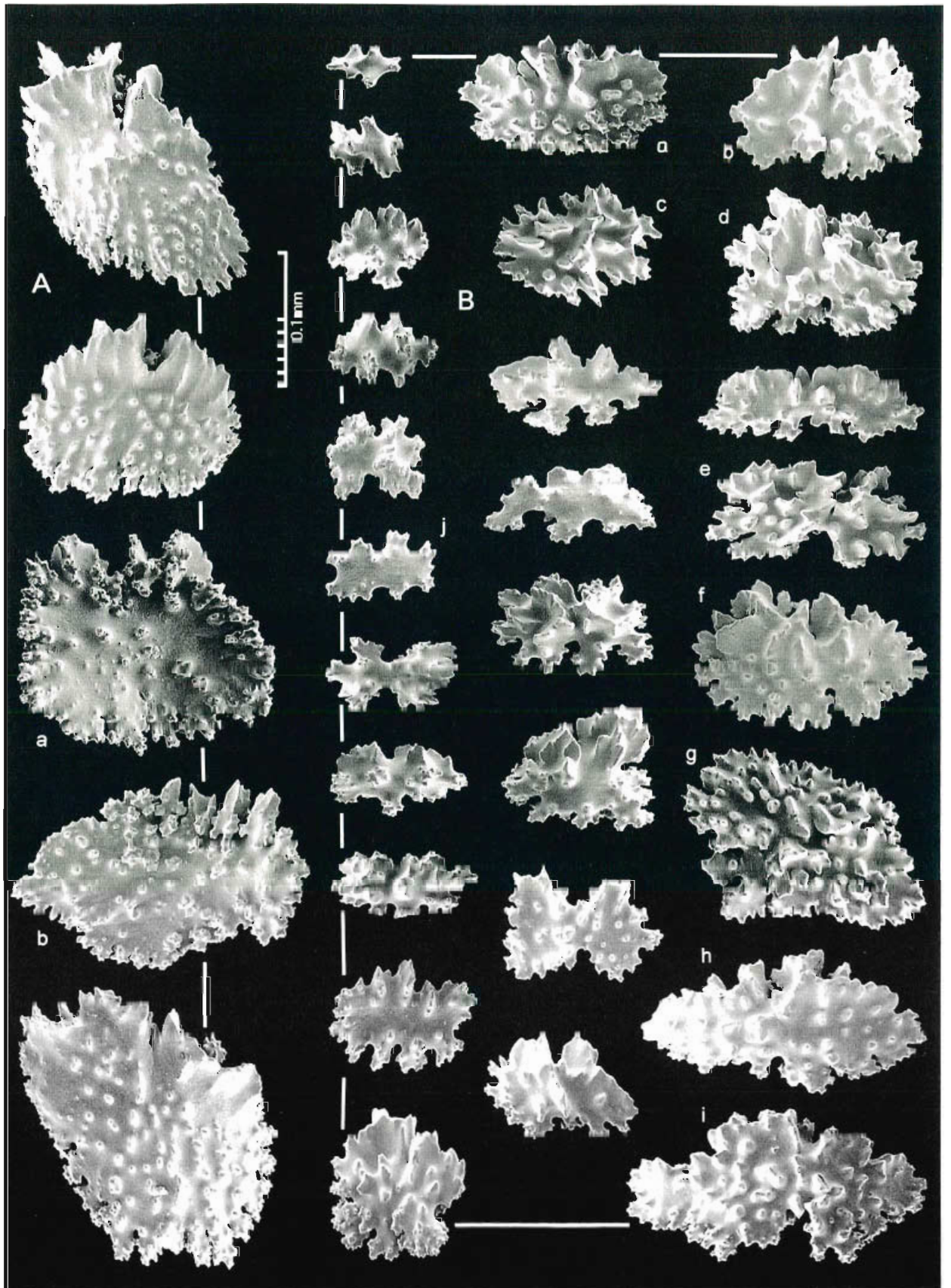


Fig. 169. *Myrizotisis spinosa* n.sp., holotype, sclerites: A. Large polyp body scales; B. Twig coenenchyme.

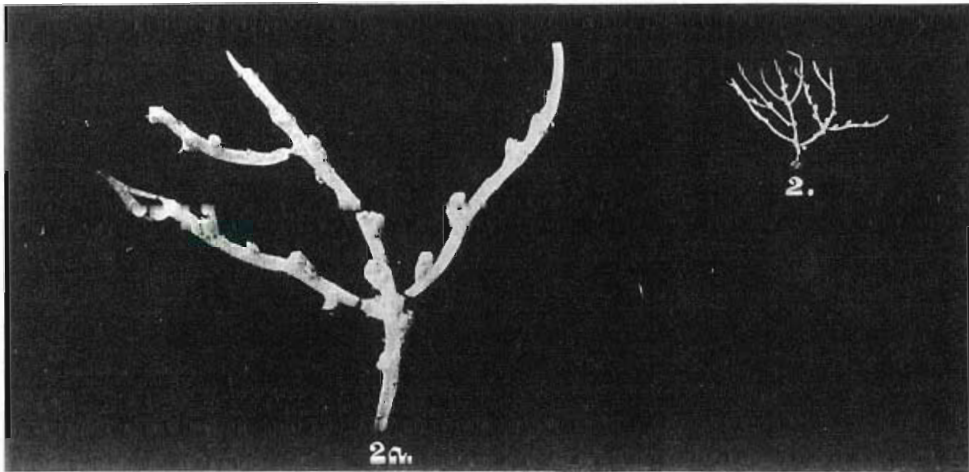


Fig. 170. *Iotisis alba* (Nutting, 1910). Reproduction of Nutting's pl. IV of the holotype of *Mopsea alba*. 2. Colony, natural size. 2a. Branch, natural size x 5.

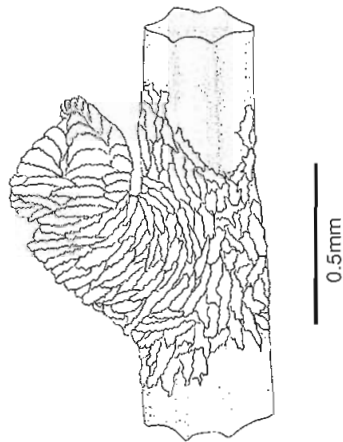


Fig. 171. *Iotisis alba* (Nutting, 1910), holotype: Polyp.

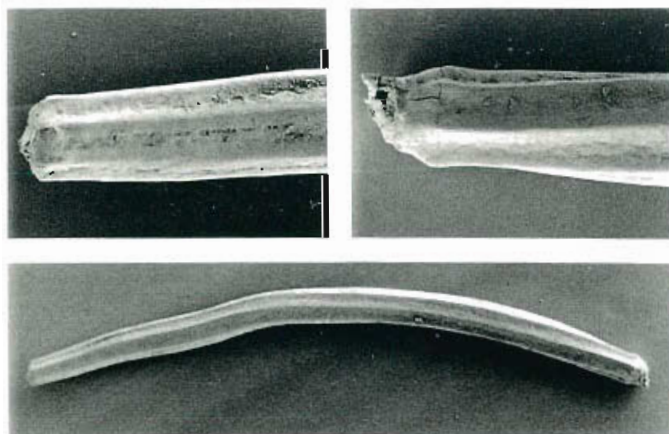


Fig. 172. *Iotisis alba* (Nutting, 1910), holotype: Axial internodes.

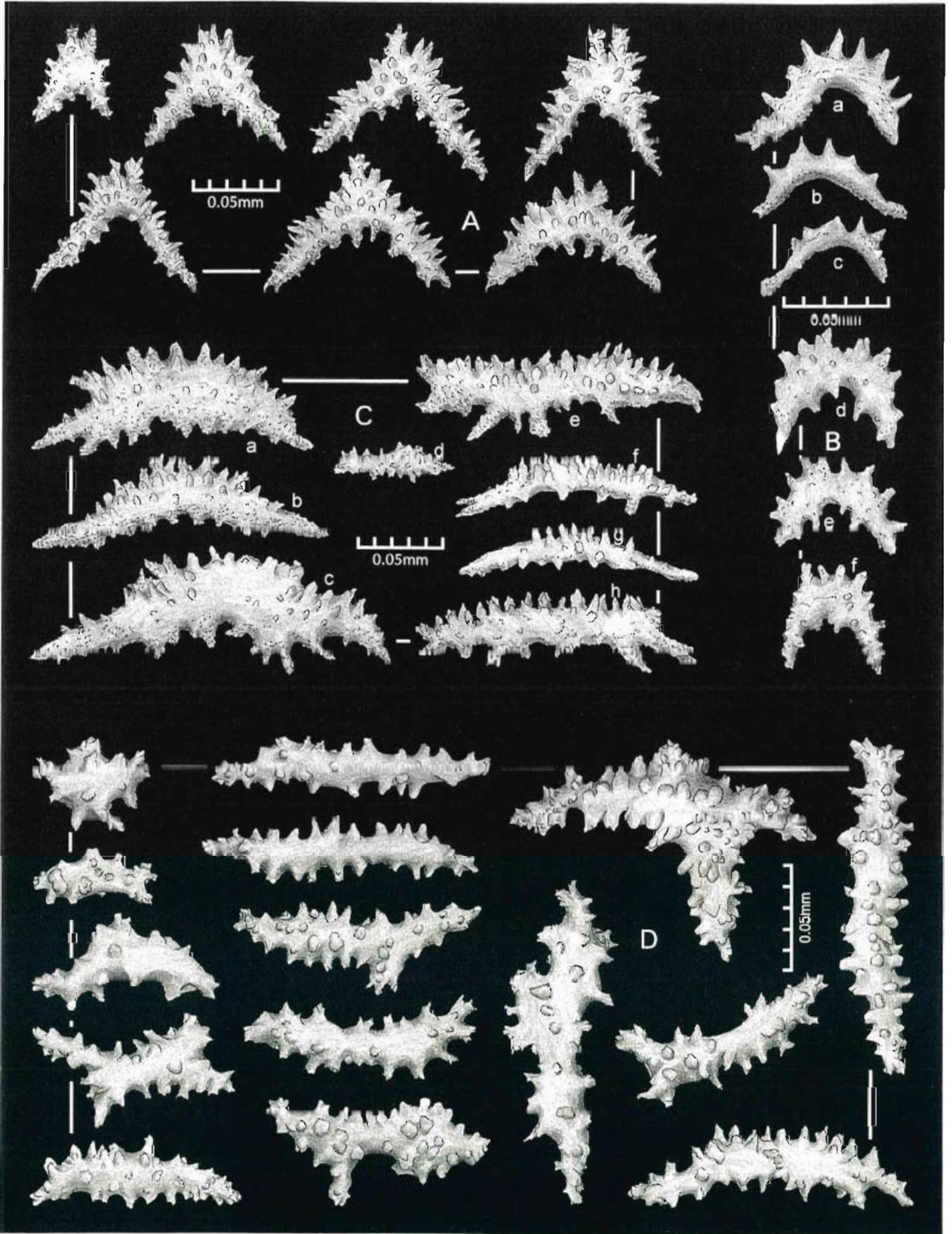


Fig. 173. *Iotisis alba* (Nutting, 1910), holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Branch coenenchyme.

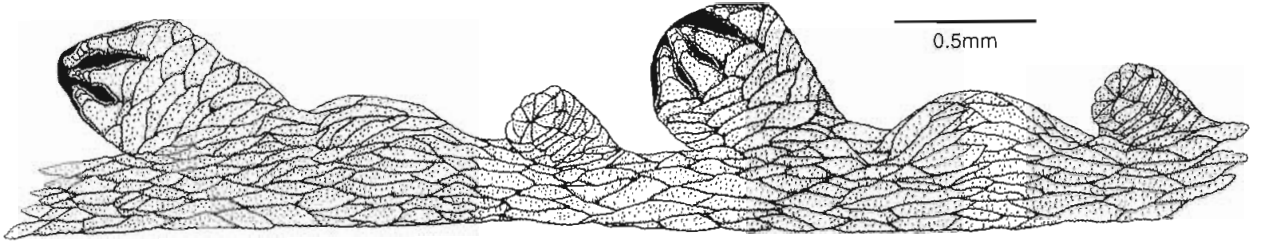


Fig. 174. *Peltastis uniserialis* Nutting, 1910, holotype fragment.

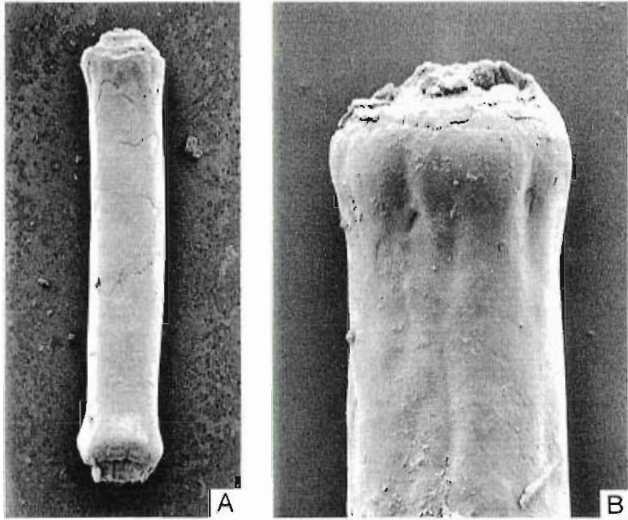


Fig. 175. *Peltastis uniserialis* Nutting, 1910, holotype: A-B. Axial internodes.

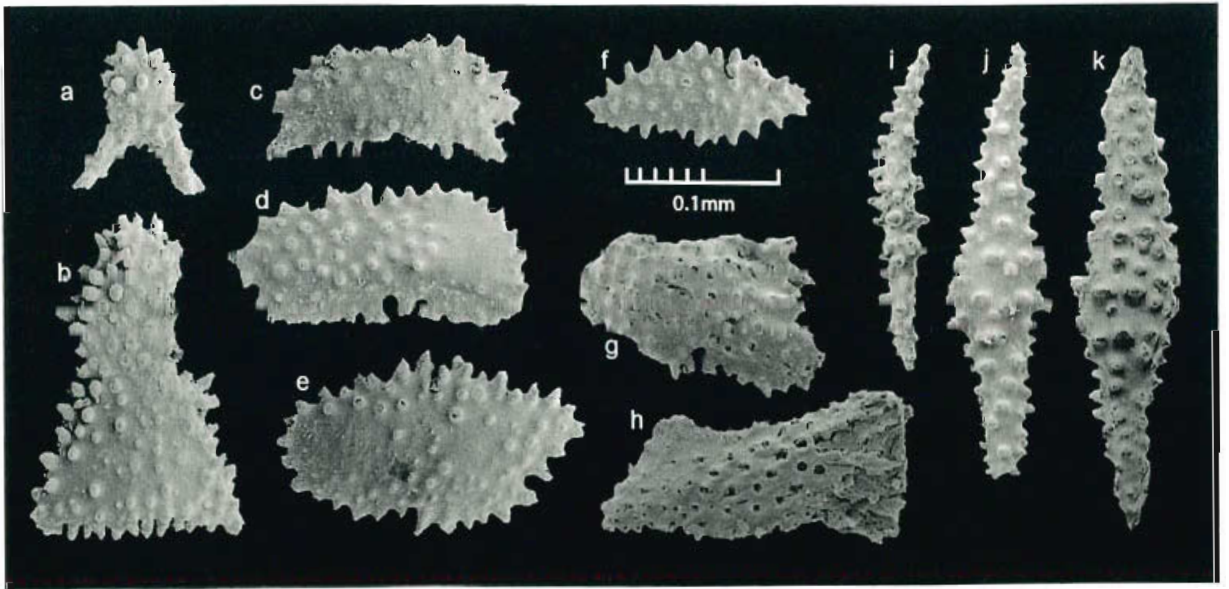


Fig. 176. *Peltastis uniserialis* Nutting, 1910, holotype, sclerites.

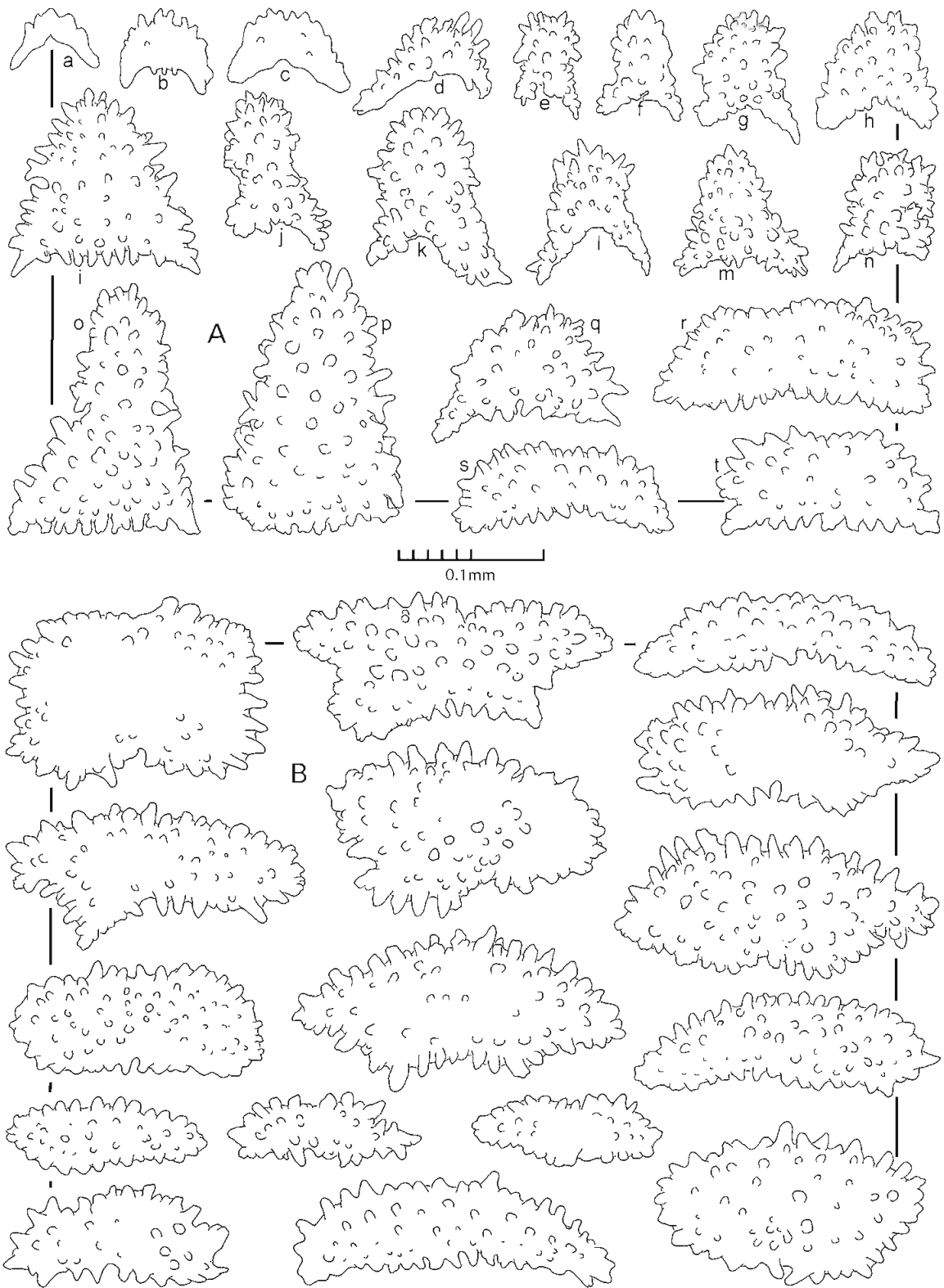


Fig. 177. *Peltastisis uniserialis* Nutting, 1910, holotype, sclerites: A. Anthopoma; B. Polyp body.

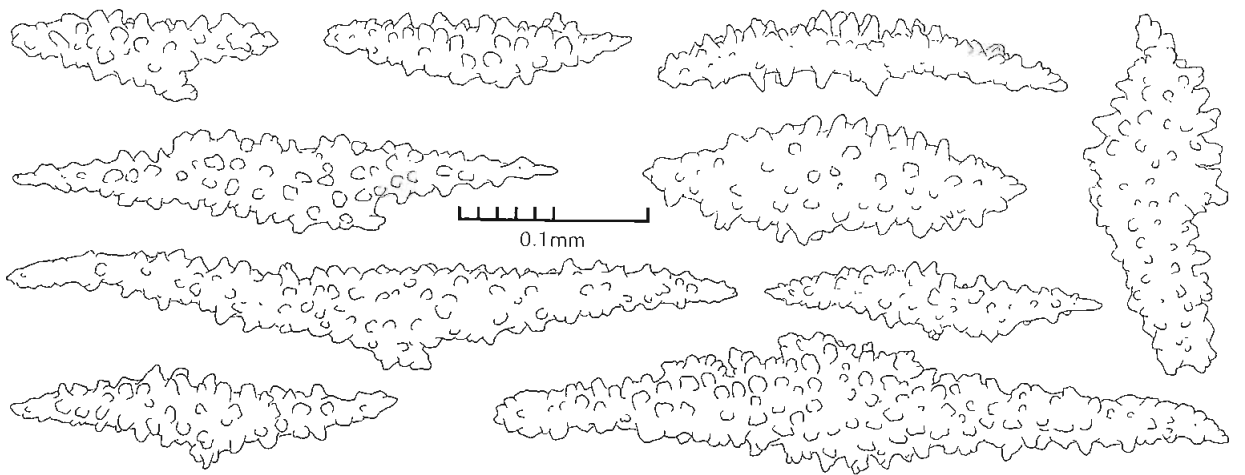


Fig. 178. *Peltastis uniserialis* Nutting, 1910, holotype, sclerites: Coenenchyme.

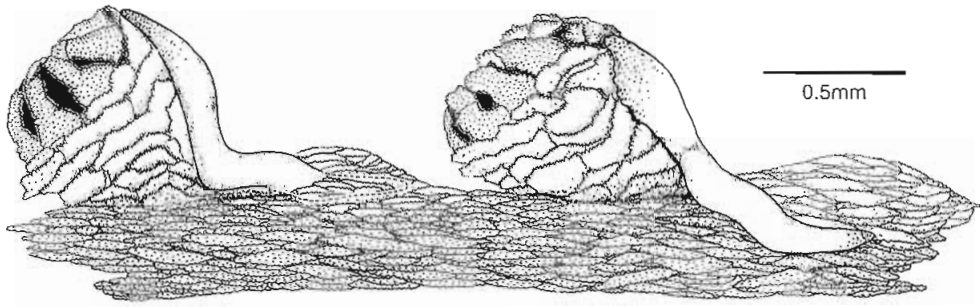


Fig. 179. *Peltastisis cornuta* Nutting, 1910, part of holotype fragment.

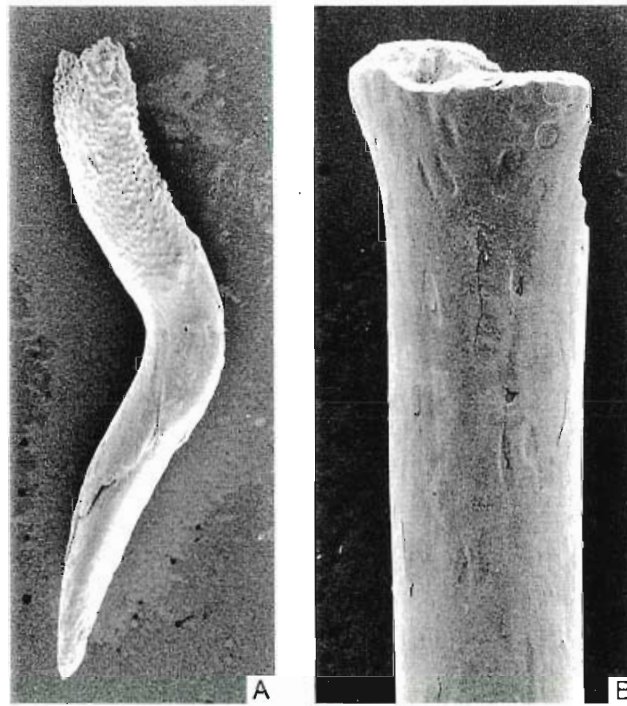


Fig. 180. *Peltastisis cornuta* Nutting, 1910, holotype: A. Large abaxial polyp sclerite; B. Axial internode.

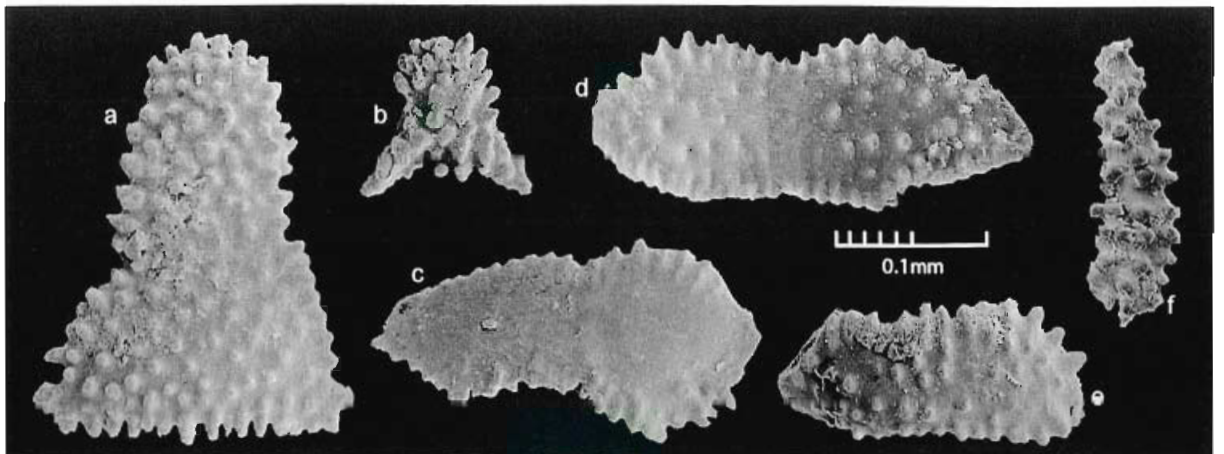


Fig. 181. *Peltastisis cornuta* Nutting, 1910, holotype, sclerites.

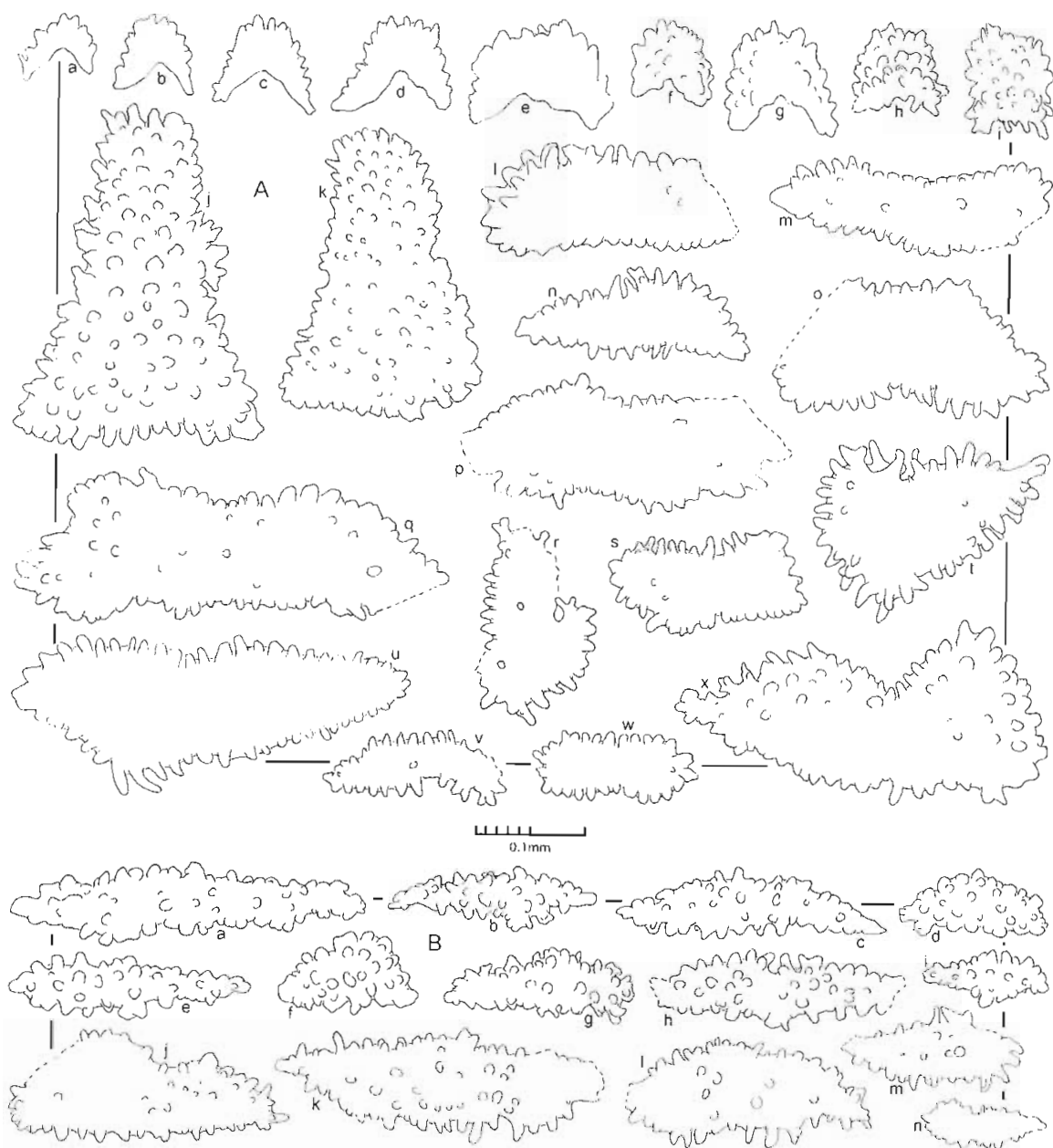


Fig. 182. *Peltastis cornuta* Nutting, 1910, holotype, sclerites: A. Polyp; B. Coenenchyme.



Fig. 183. *Lissopholidisis furcula* n.sp., holotype, natural size.

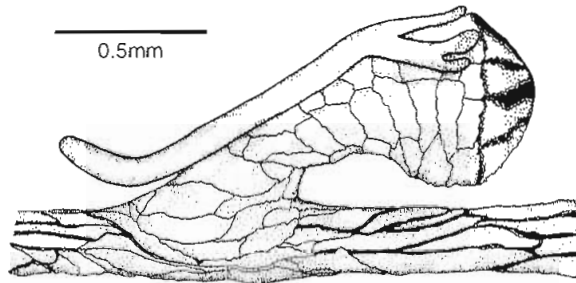


Fig. 184. *Lissopholidisis furcula* n.sp., holotype: Polyp, abaxial stay not cradling the head.

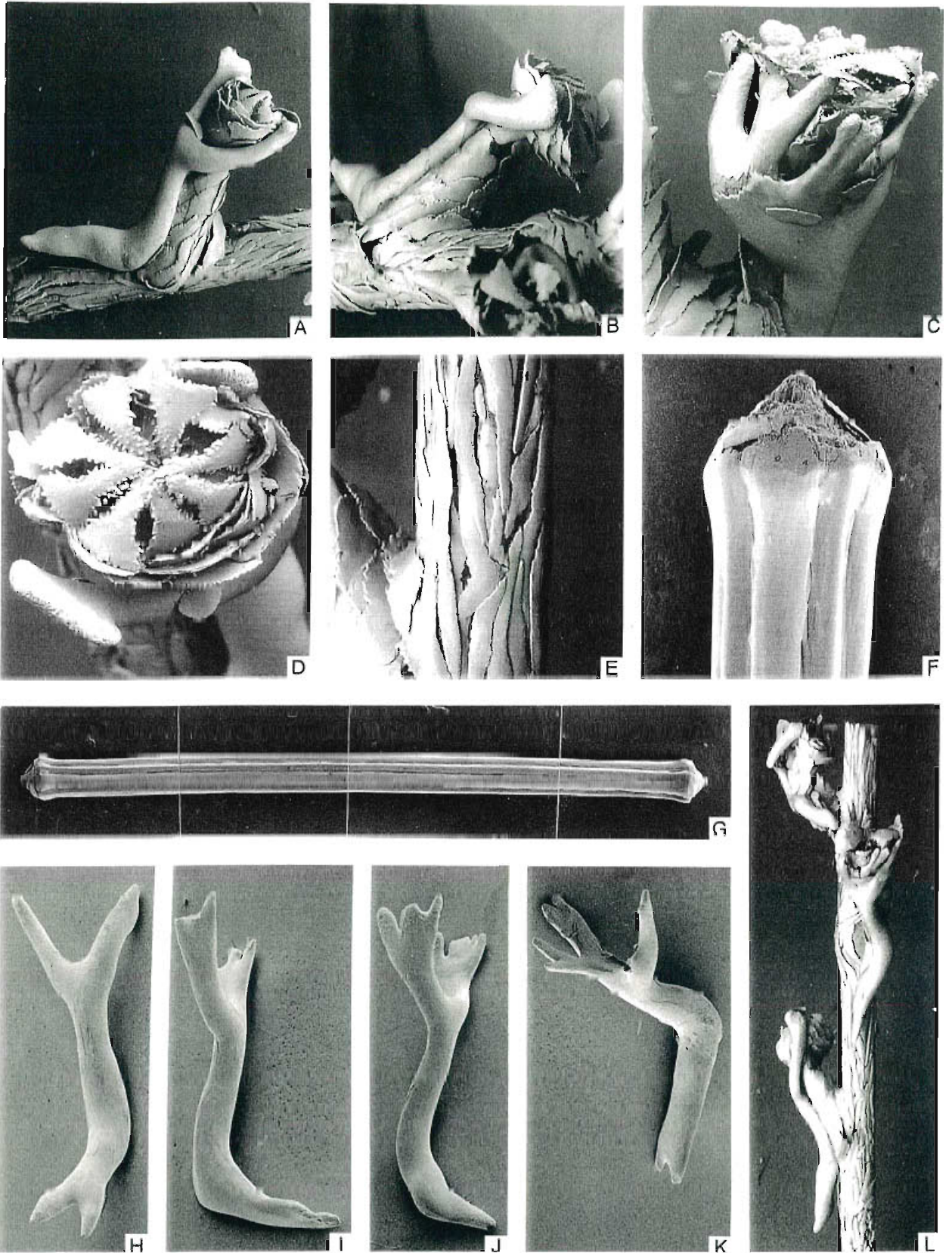


Fig. 185. *Lissopholidisis furcula* n.sp., holotype: A-D. Polyps; E. Coenenchyme; F-G. Axial internodes; H-K. Large abaxial polyp sclerites; L. Twig fragment.

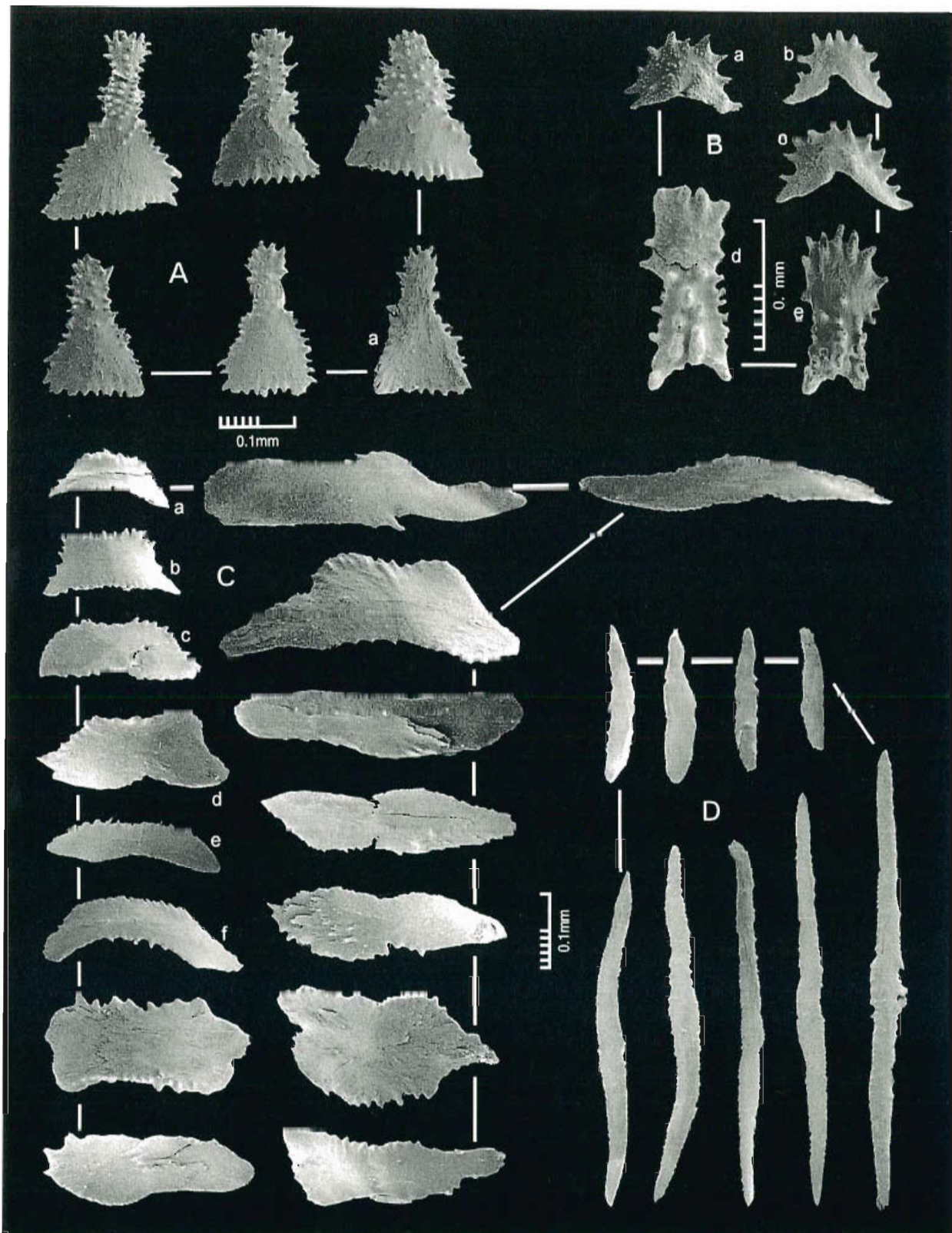


Fig. 186. *Lissopholidisis furcula* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Stem coenenchyme.

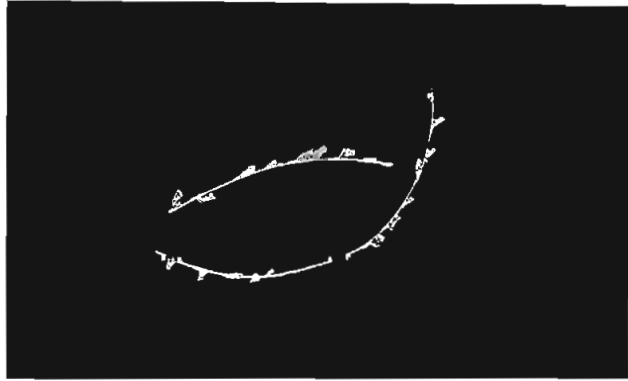


Fig. 187. *Lissopholidisis ampliflora* n.sp., holotype, natural size.

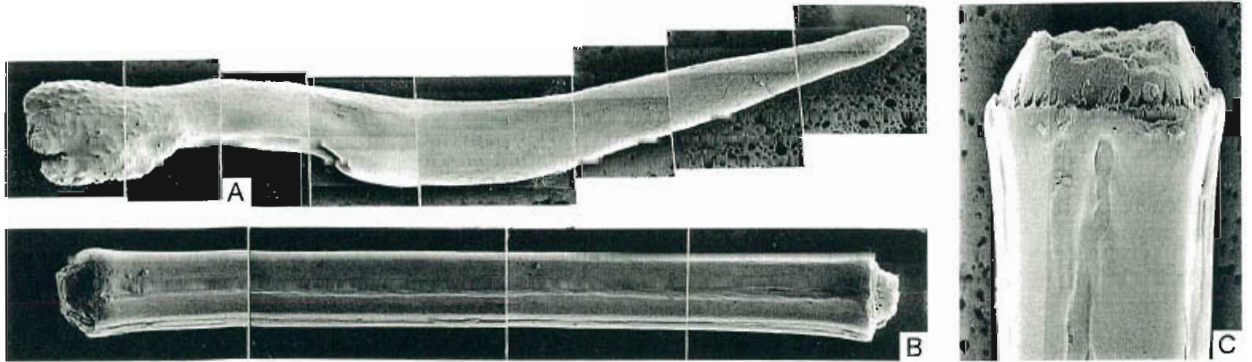


Fig. 188. *Lissopholidisis ampliflora* n.sp., holotype: A. Large abaxial polyp sclerite; B-C. Axial internodes.

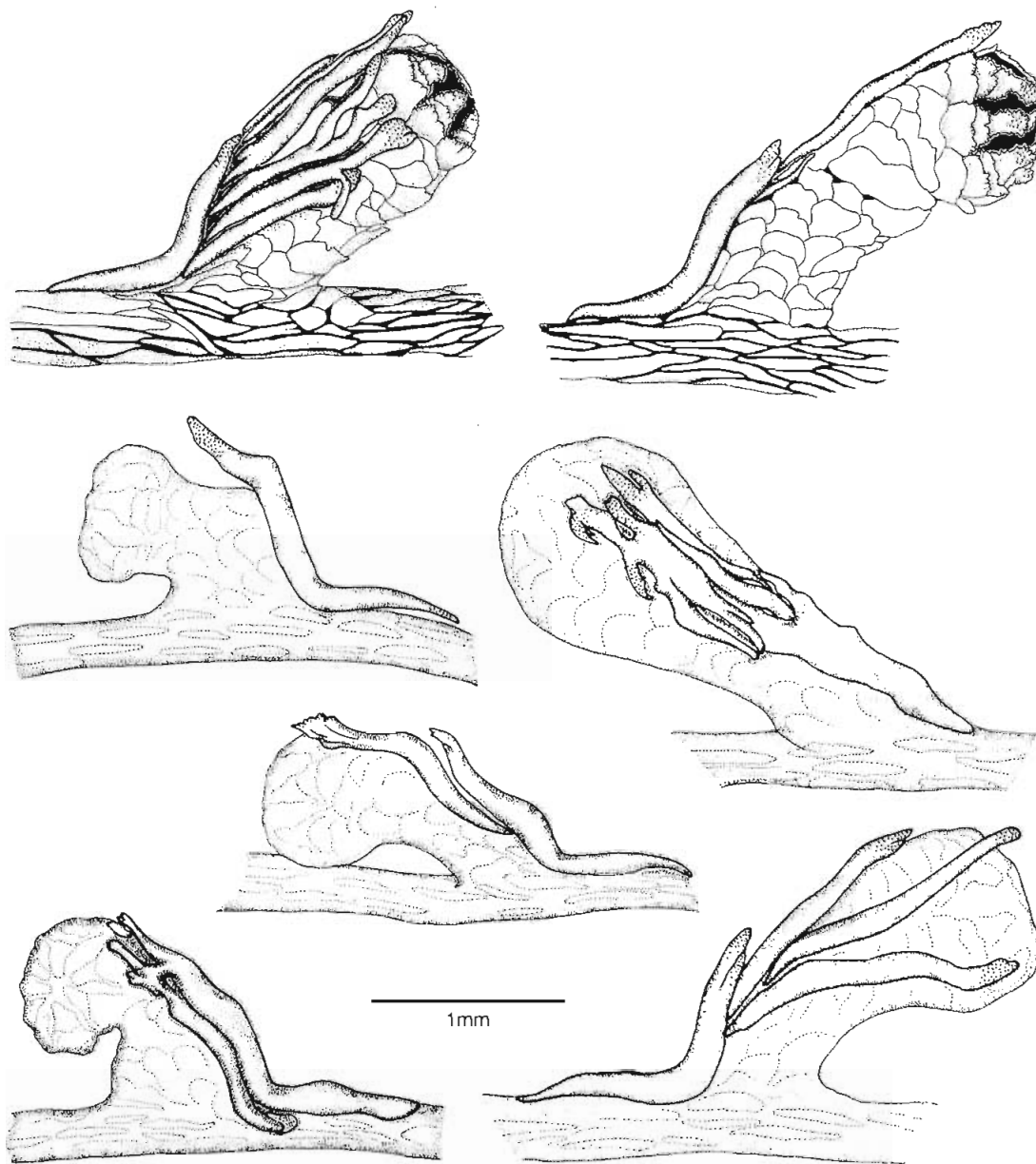


Fig. 189. *Lissopholidisis ampliflora* n.sp., holotype: Polyps.

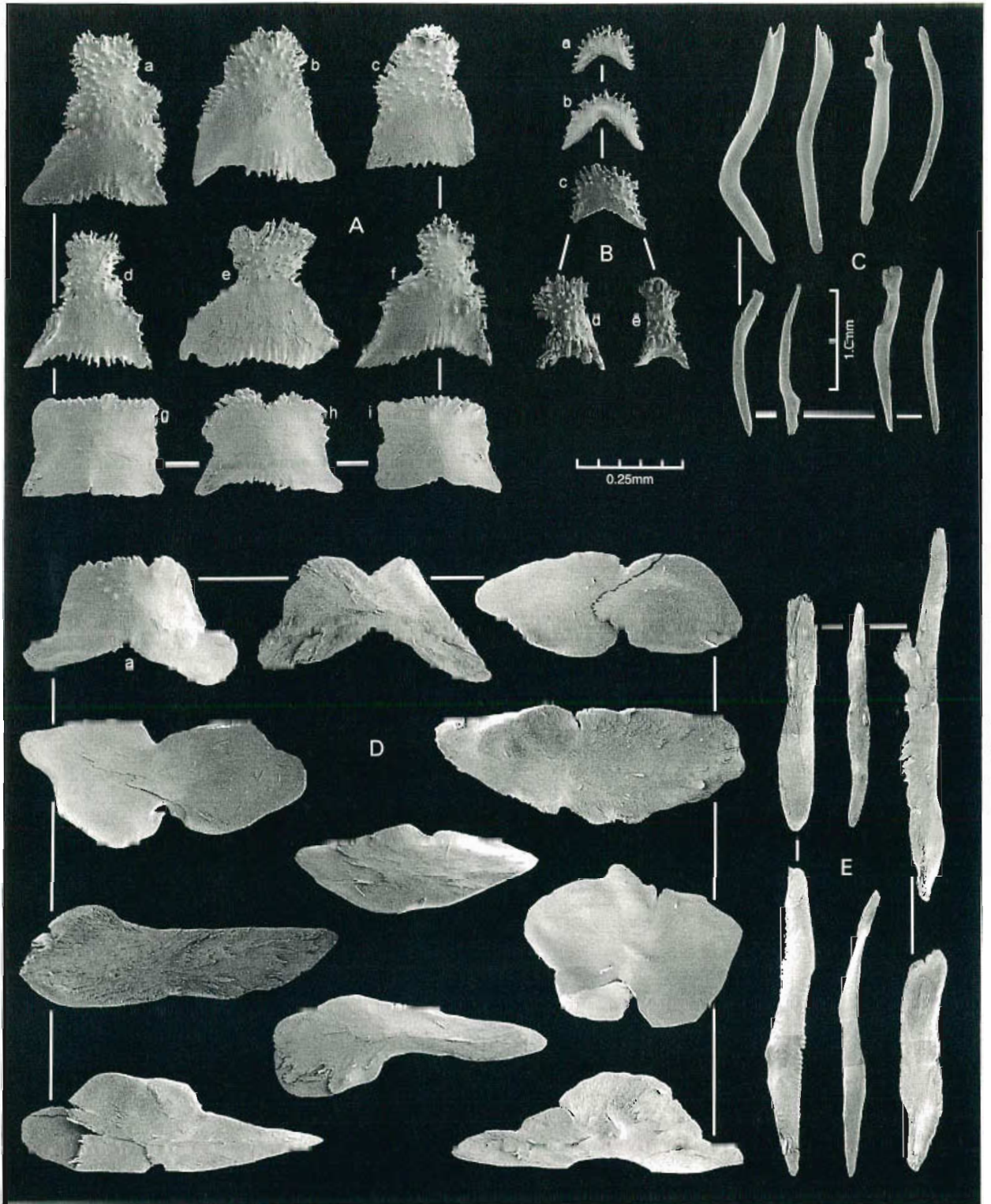


Fig. 190. *Lissopholidisis ampliflora* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Abaxial polyp stays; D. Polyp body; E. Coenenchyme.

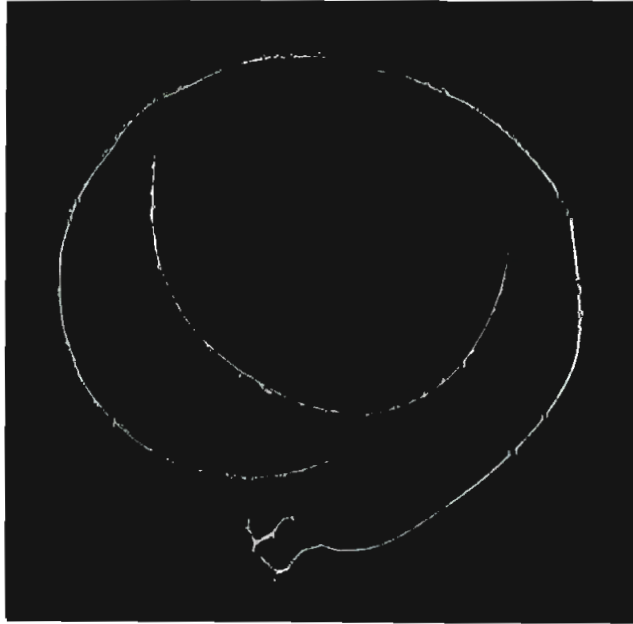


Fig. 191. *Lissopholidisis nuttingi* (Grant, 1976), holotype, natural size.

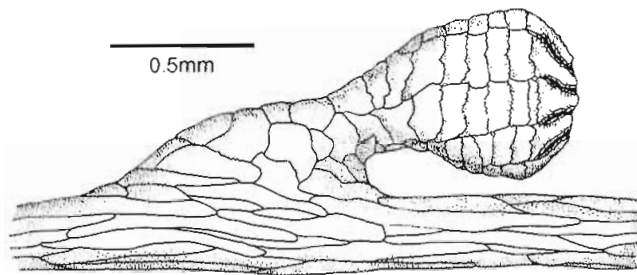


Fig. 192. *Lissopholidisis nuttingi* (Grant, 1976), holotype: Polyp.

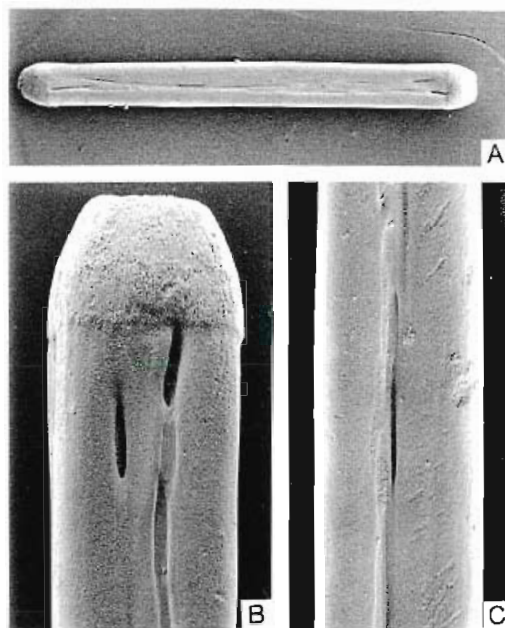


Fig. 193. *Lissopholidisis nuttingi* (Grant, 1976), holotype: A-C. Axial internodes.

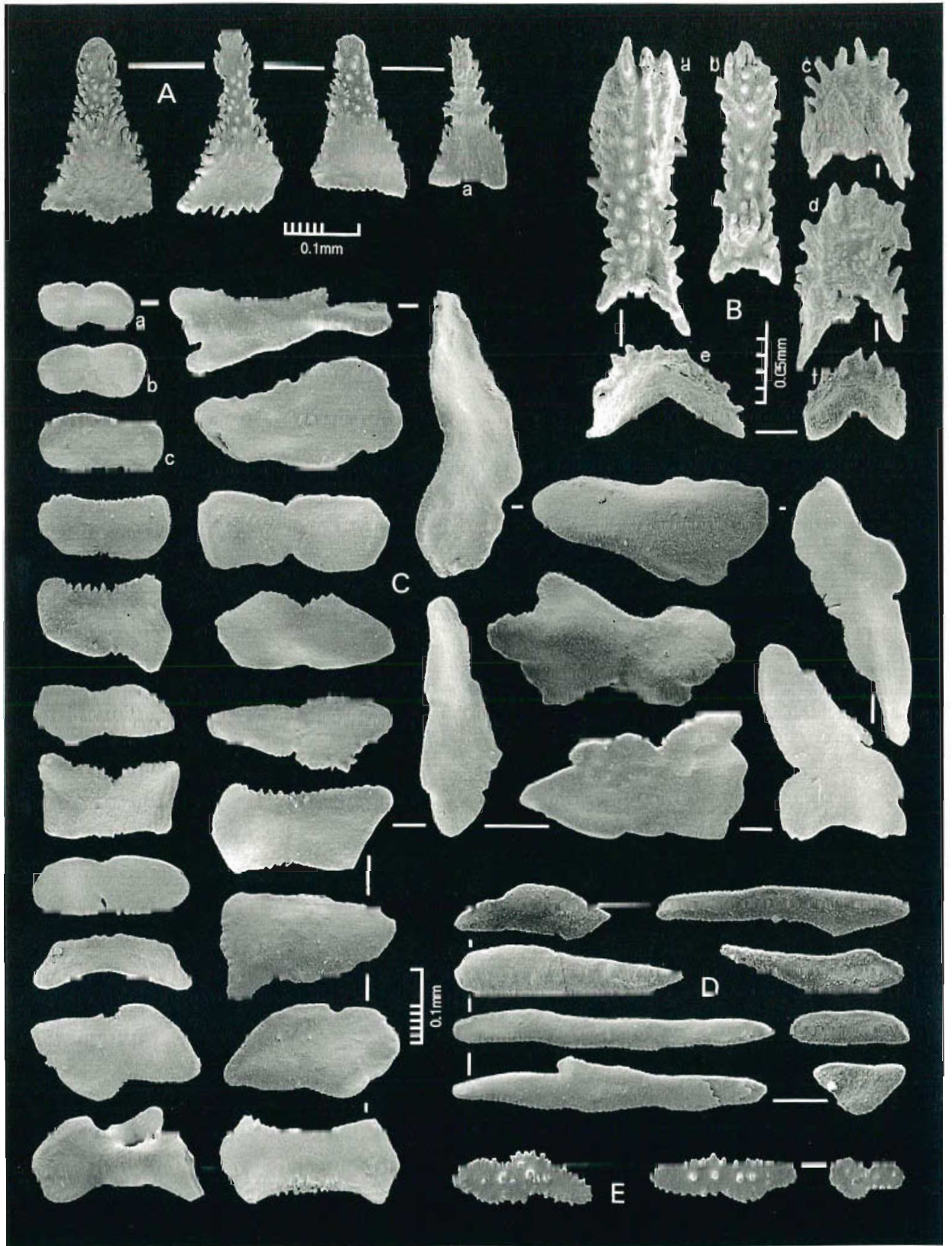


Fig. 194. *Lissopholidisis nuttingi* (Grant, 1976), holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Upper stem coenenchyme; E. Basal stem coenenchyme.

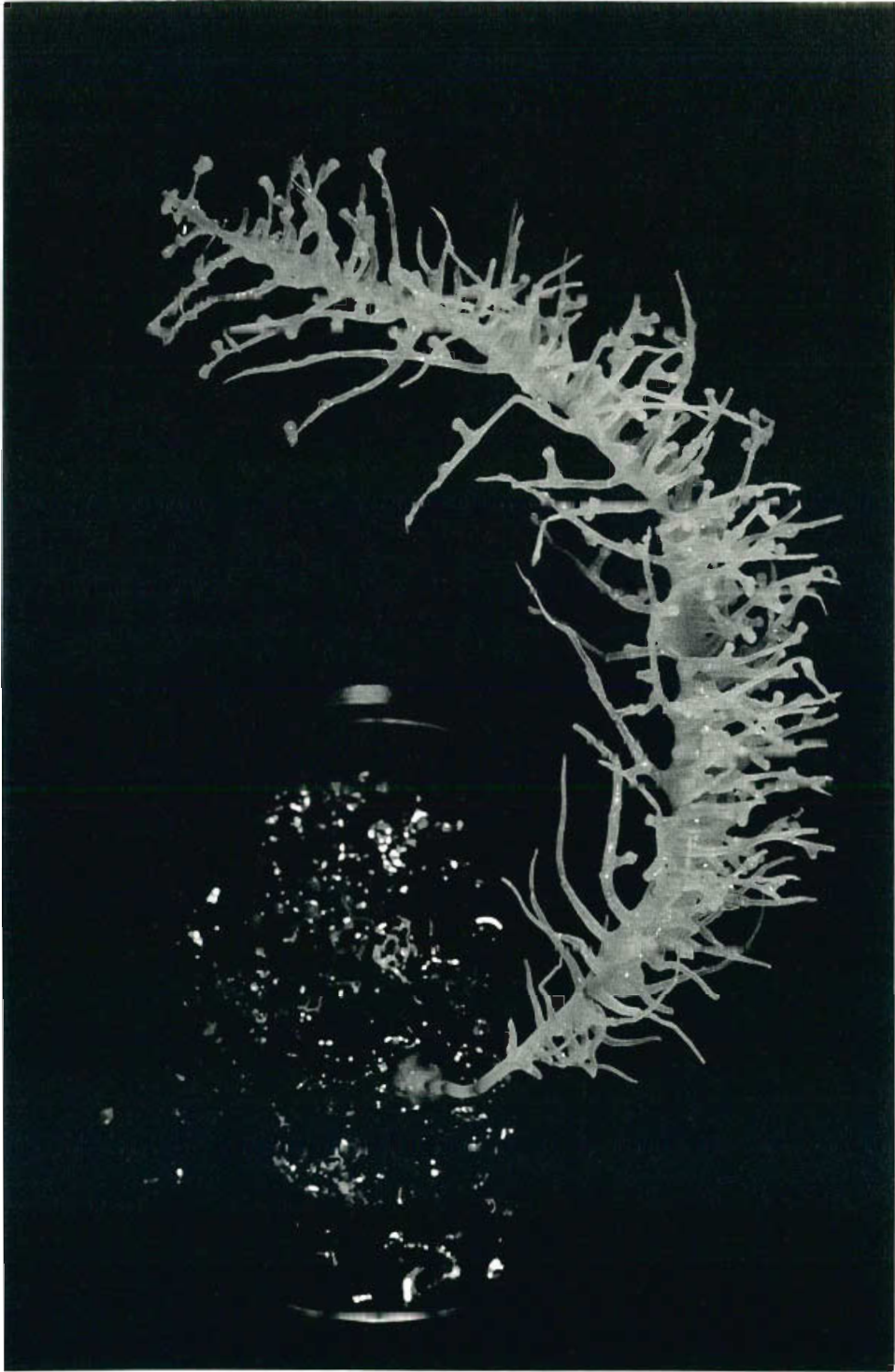


Fig. 195. *Minuisis pseudoplana* Grant, 1976, holotype, natural size x 3.

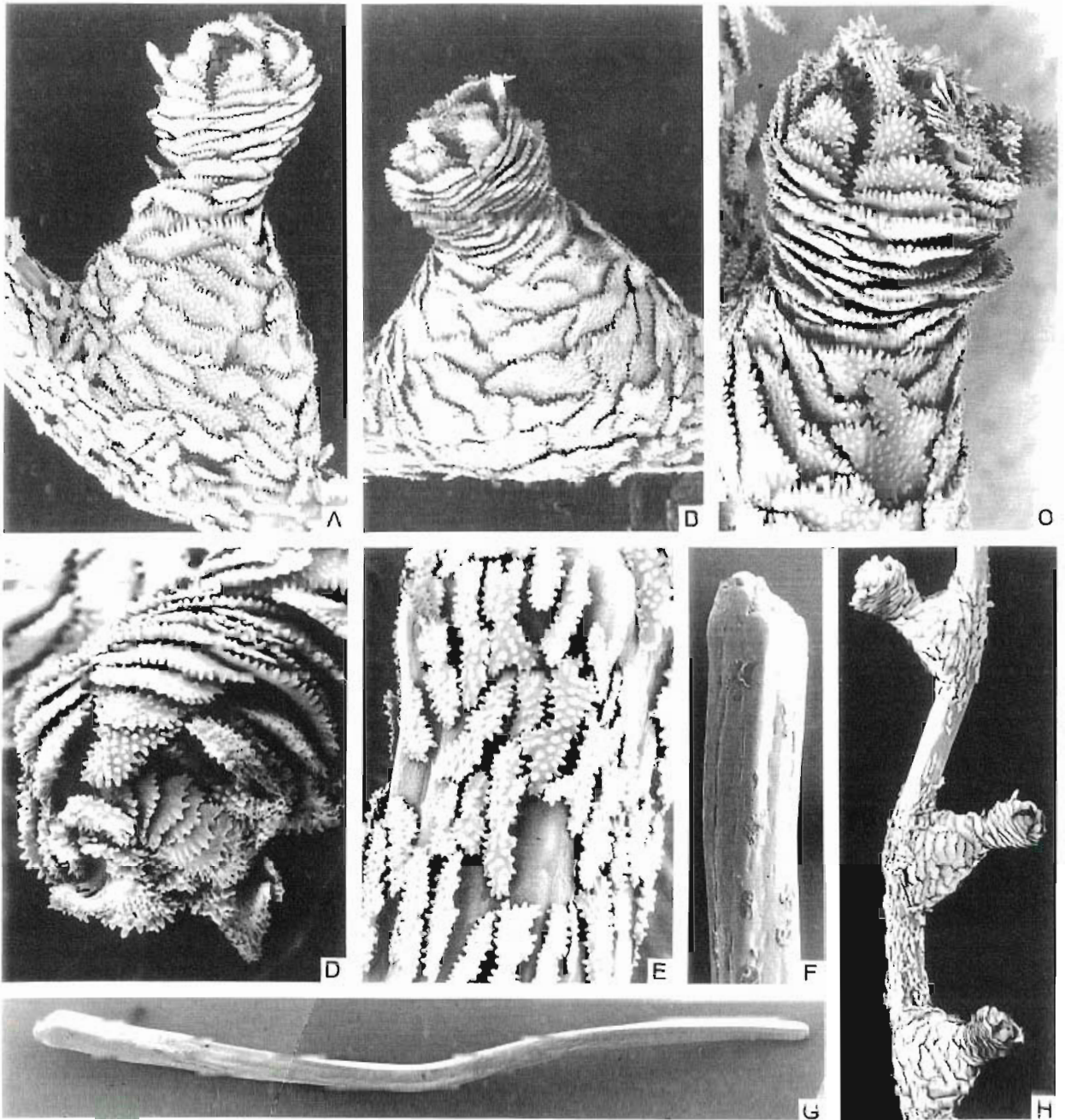


Fig. 196. *Minuisis pseudoplana* Grant, 1976, holotype: A-D. Polyps; E. Coenenchyme; F-G. Axial internodes; H. Twig fragment.

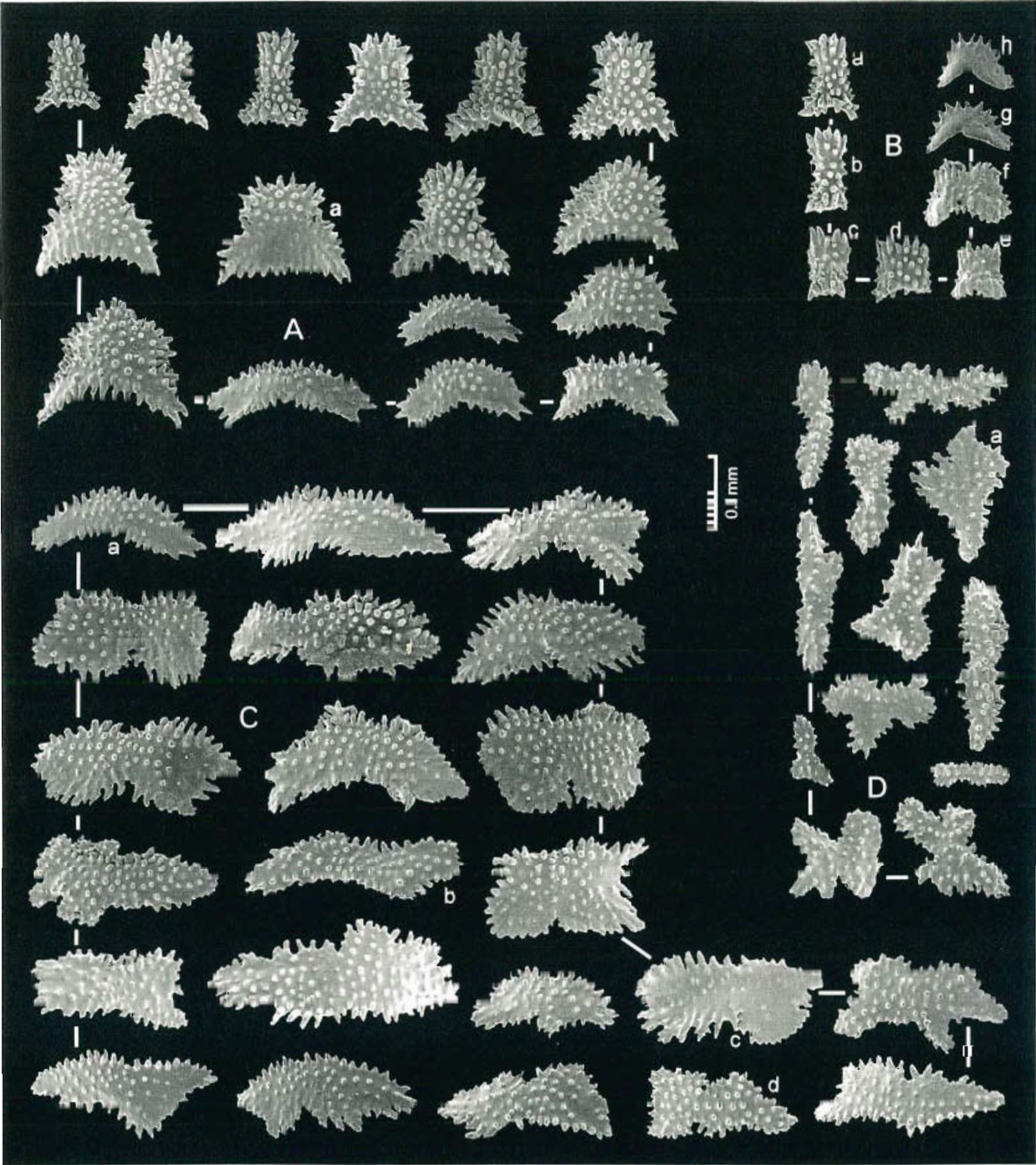


Fig. 197. *Minuisis pseudoplana* Grant, 1976, holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Branch coenenchyme.

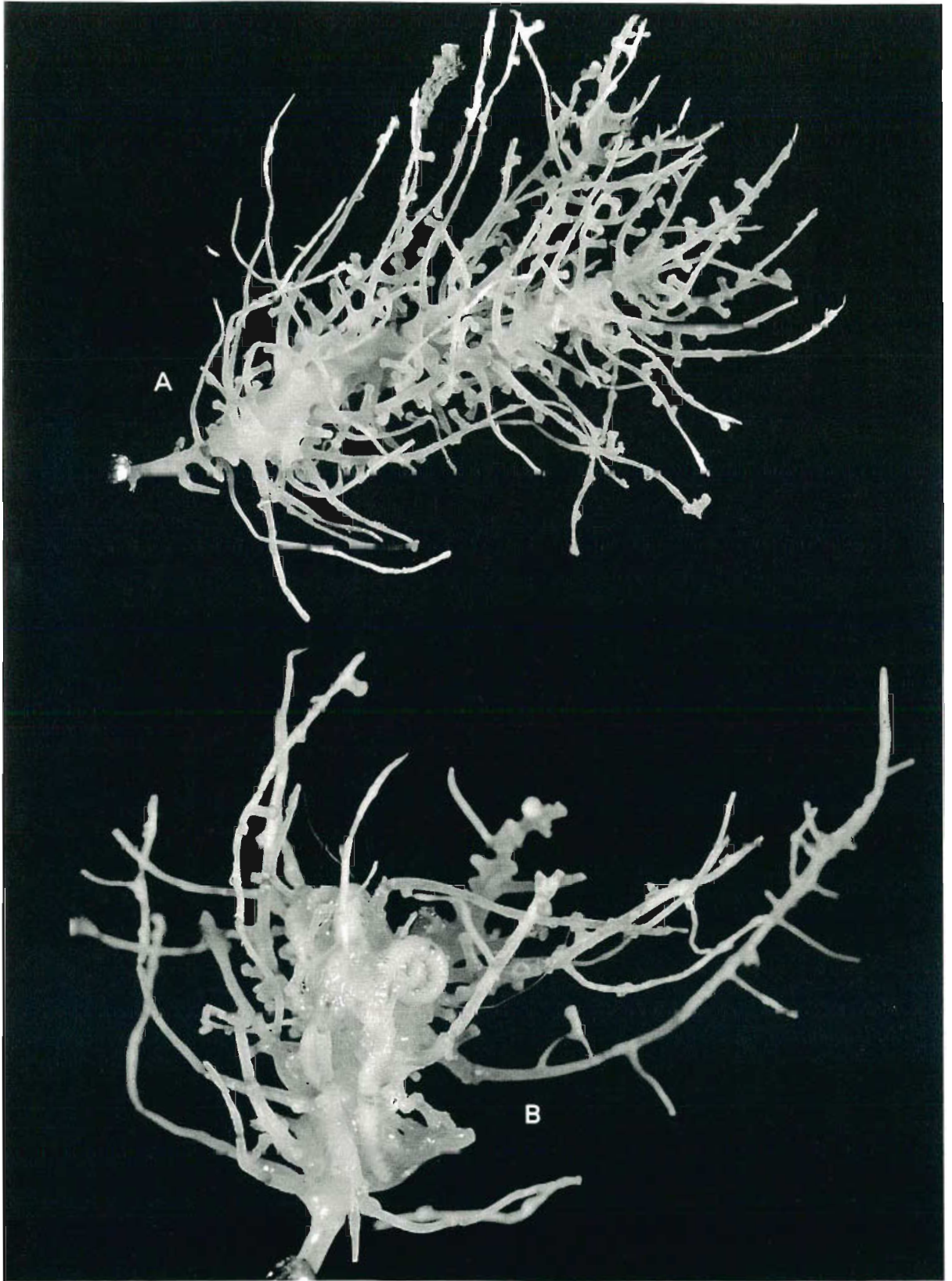


Fig. 198. *Minuisis granti* n.sp.: A. Holotype, natural size x 3; B. Paratype, NZOI P946, natural size x 5.

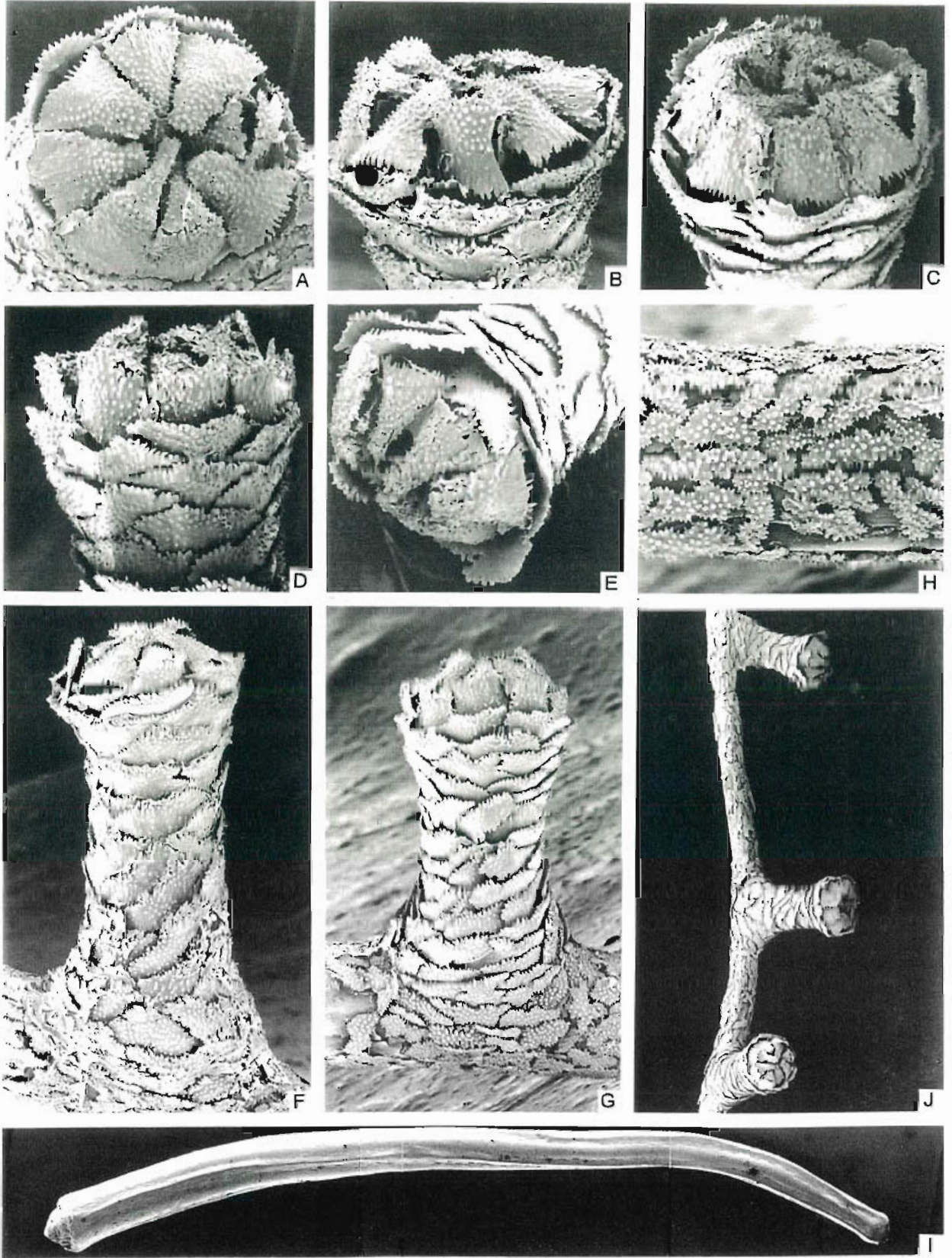


Fig. 199. *Minuisis granti* n.sp., 1976, holotype: A-G. Polyps; H. Coenenchyme; I. Axial internode; J. Twig fragment.

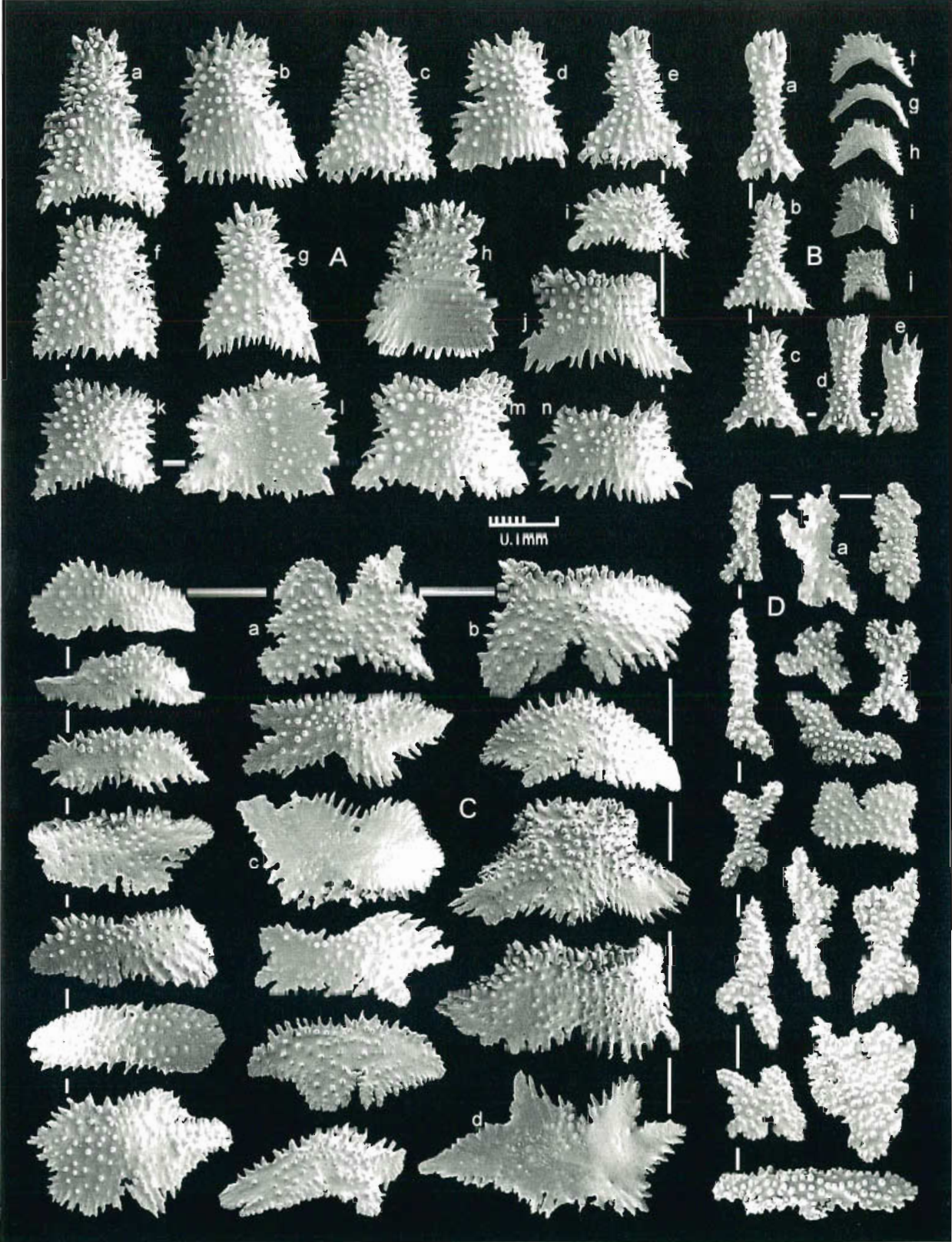


Fig. 200. *Minuisis granti* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Branch coenenchyme.

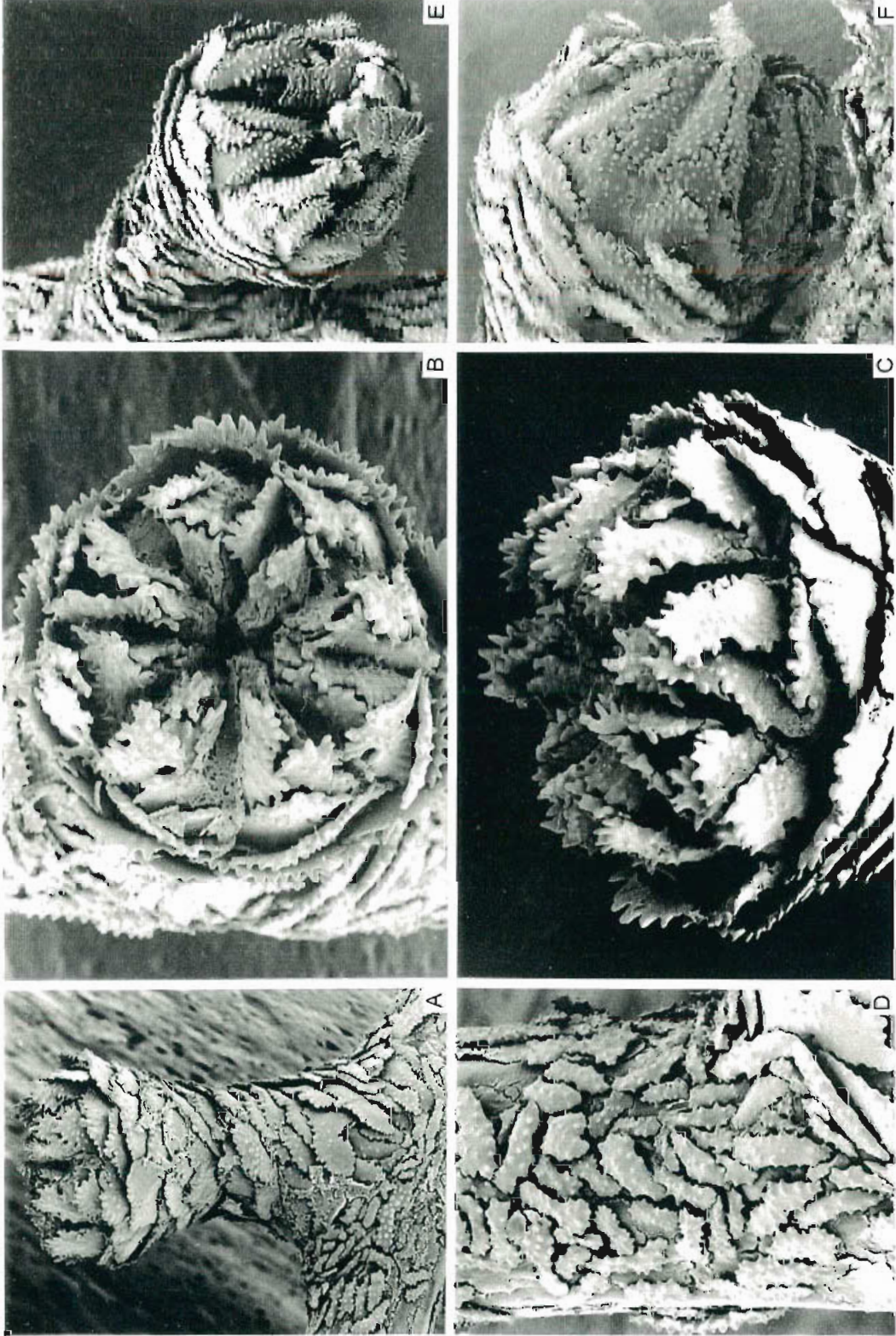


Fig. 201. A-D. *Primnoisis antarctica* (Studer, 1879), holotype: (A-C) Polyps; (D). Coerenchyme. E-F. *Primnoisis* sp., NTJ C12323, holotype.

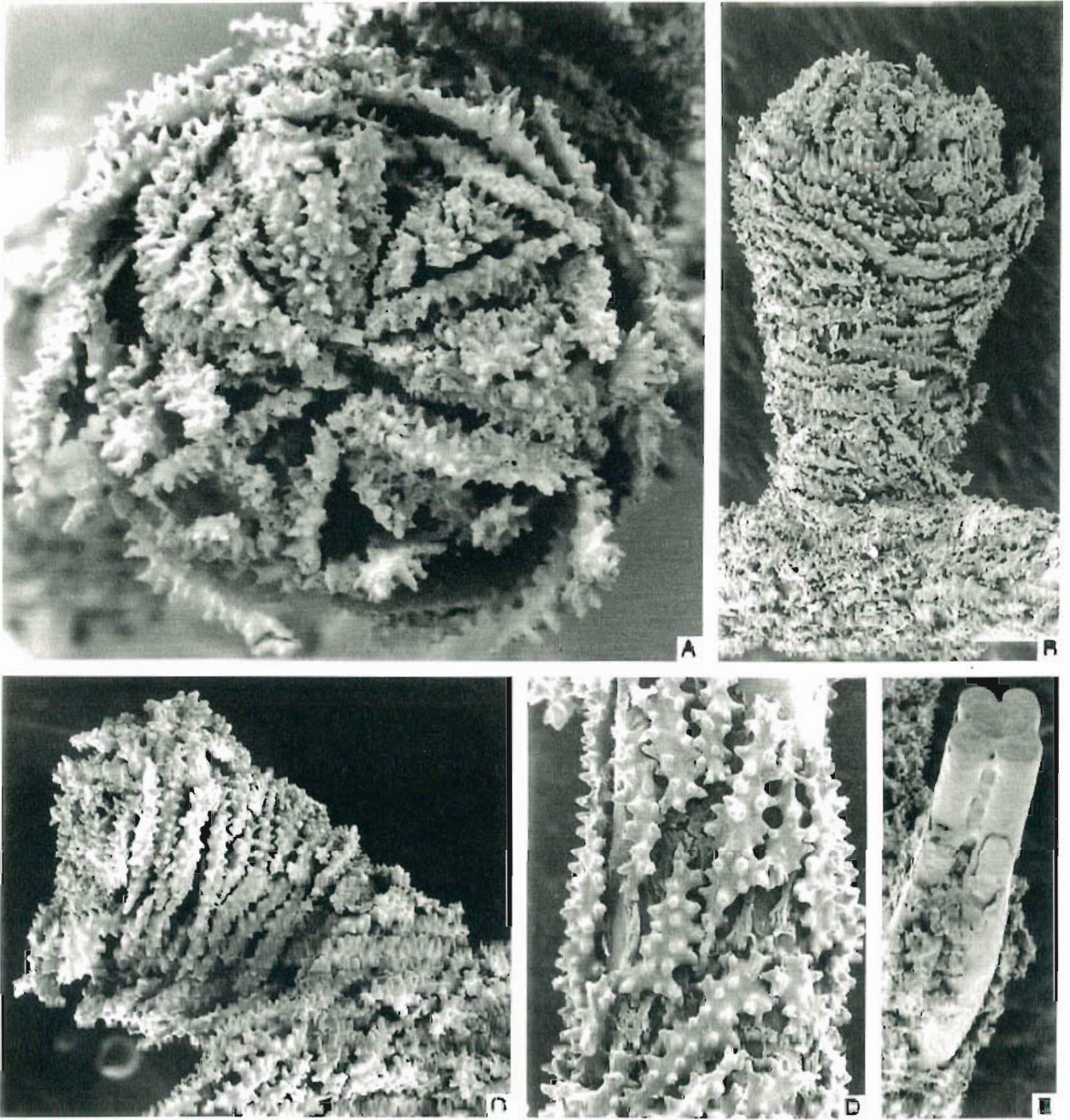


Fig. 202. *Primnoisis deliculata* (Hickson, 1907), syntype: A-C. Polyps; D. Coenenchyme; E. Axial internode.

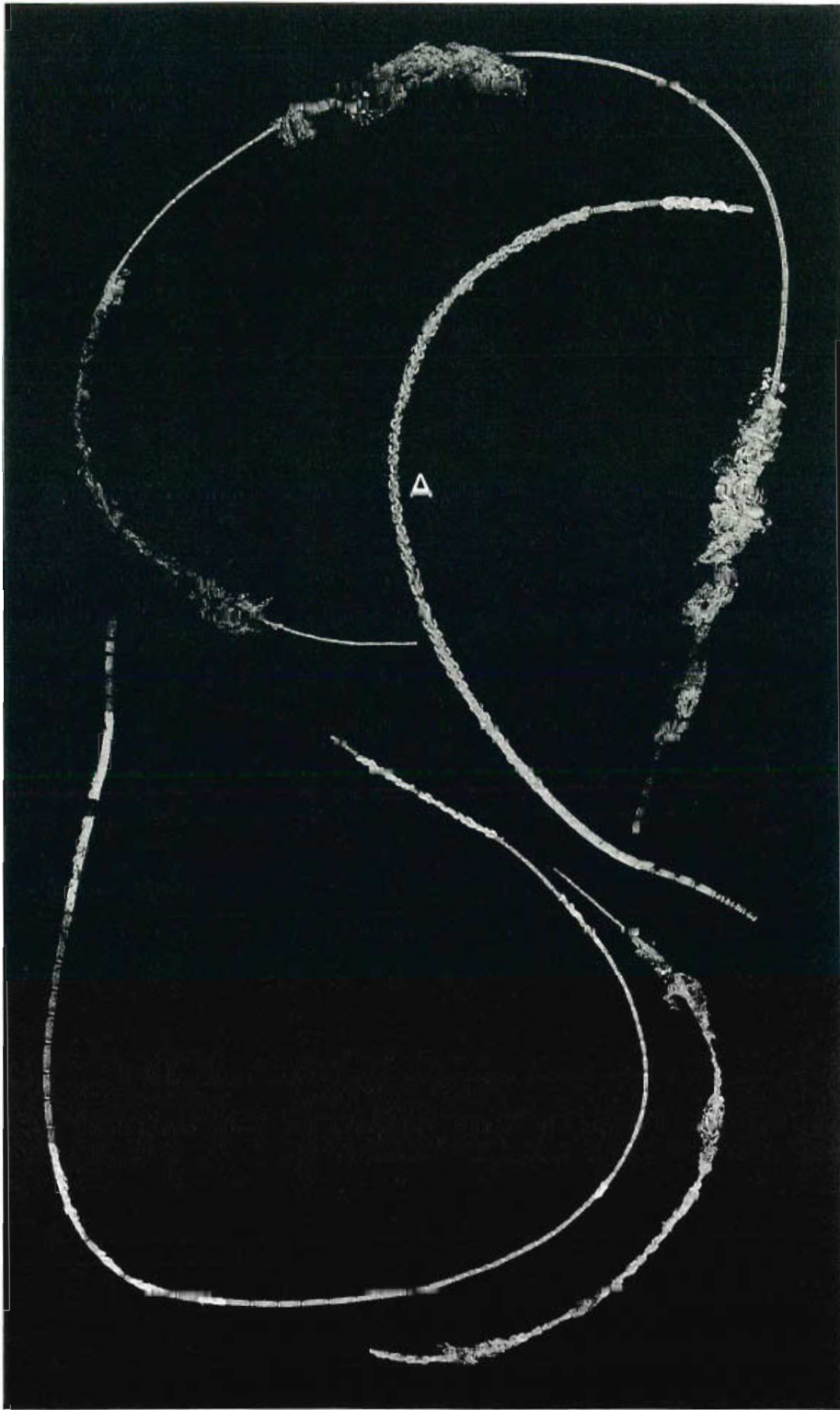


Fig. 203. *Circinisis circinata* Grant, 1976, type series: A. Holotype. All natural size.

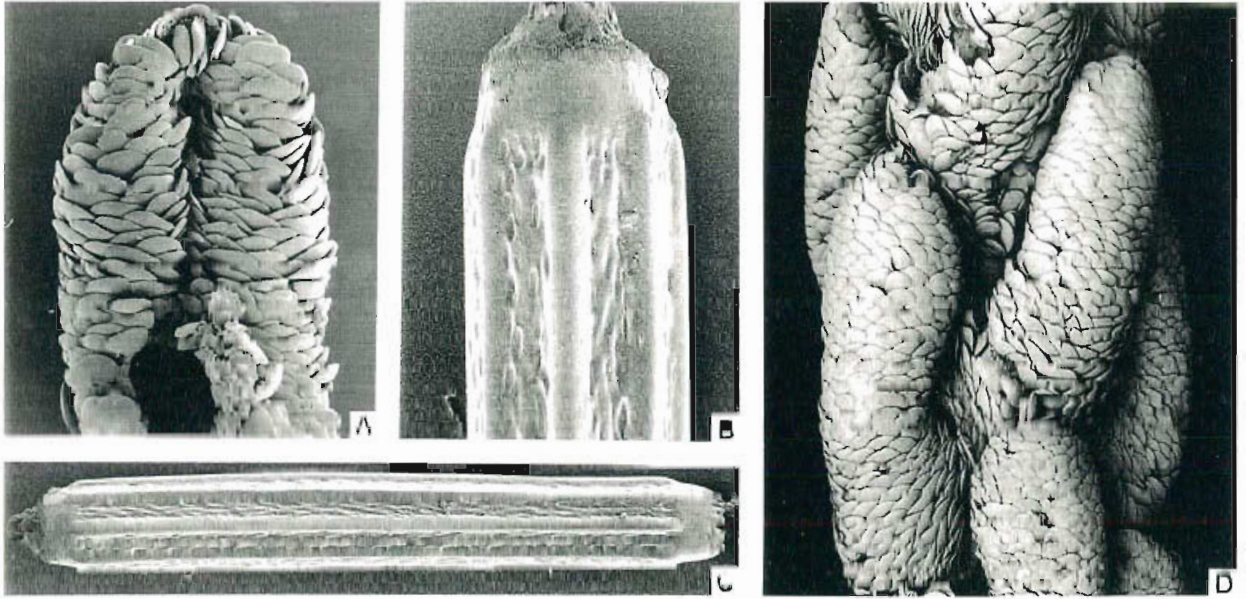


Fig. 204. *Circinisis circinata* Grant, 1976, holotype: A. Polyp; B-C. Axial internodes; D. Twig fragment.

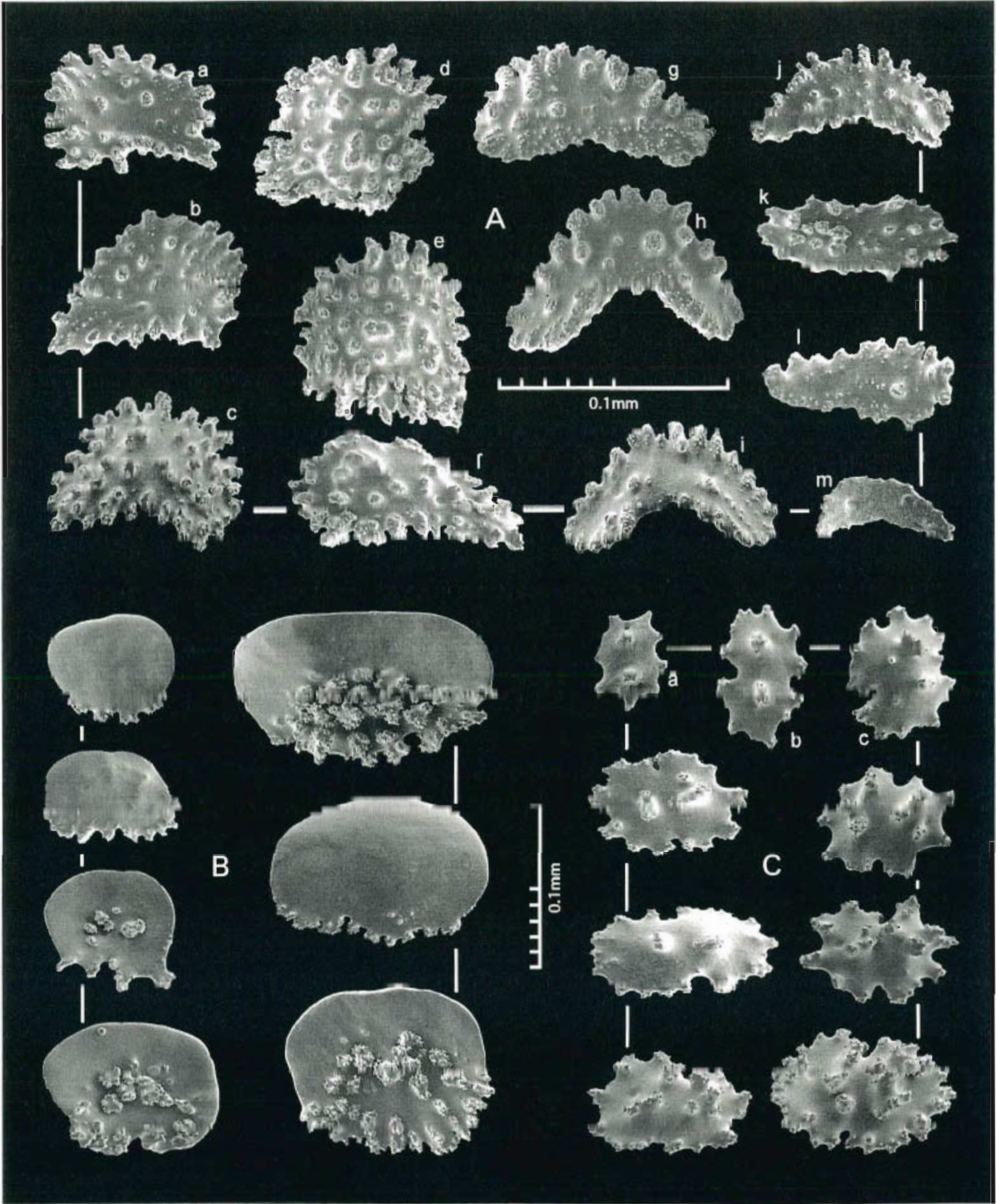


Fig. 205. *Circinisis circinata* Grant, 1976, holotype, sclerites: A. Anthopoma and tentacles; B. Polyp body; C. Sub-surface of the twig coenenchyme.



Fig. 206. *Gorgonisis elyakovi* n.sp., holotype, natural size x 0.75.

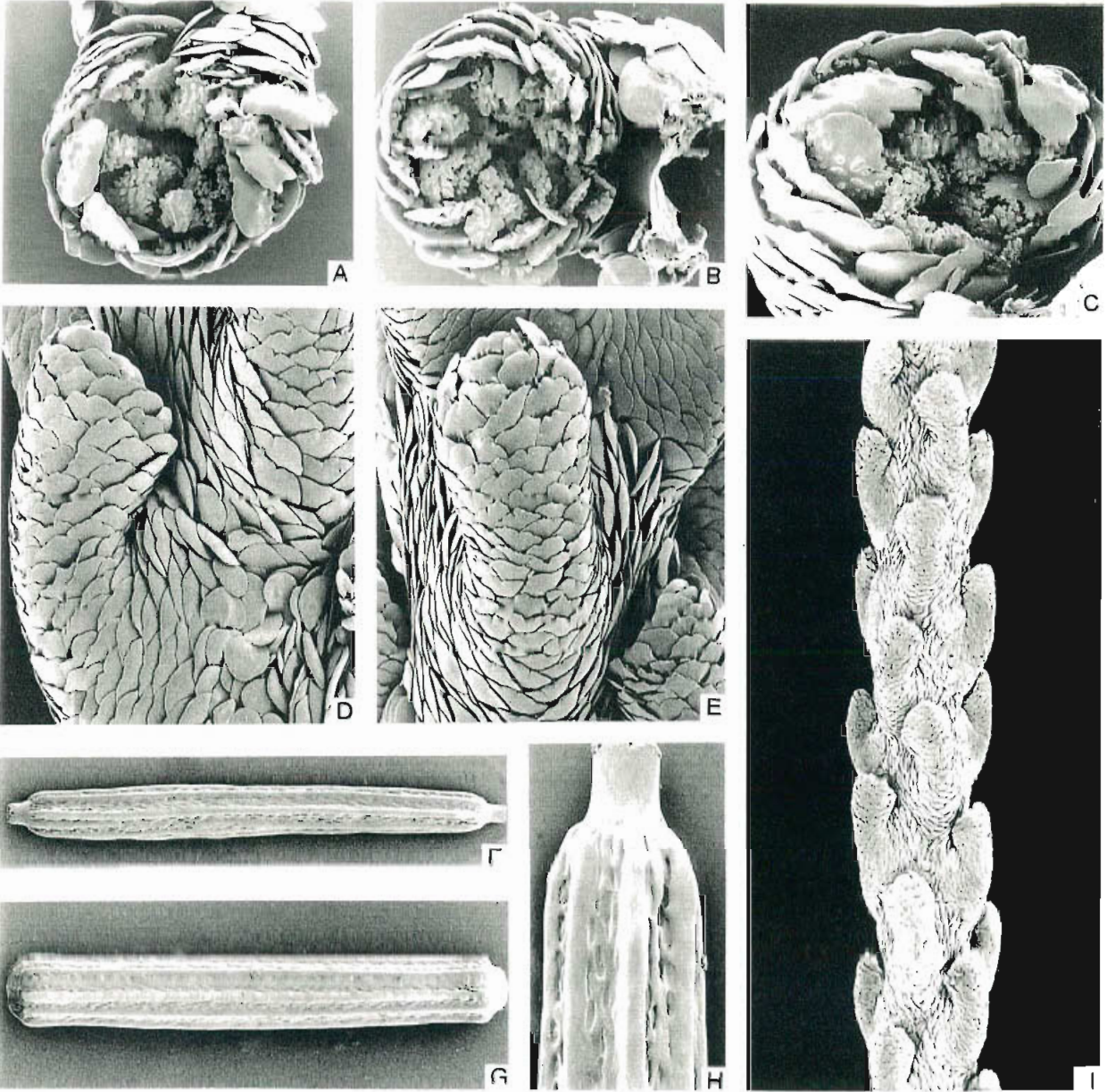


Fig. 207. *Gorgonisis elyakovi* n.sp., holotype: A-E. Polyps; F-H. Axial internodes; I. Twig fragment.

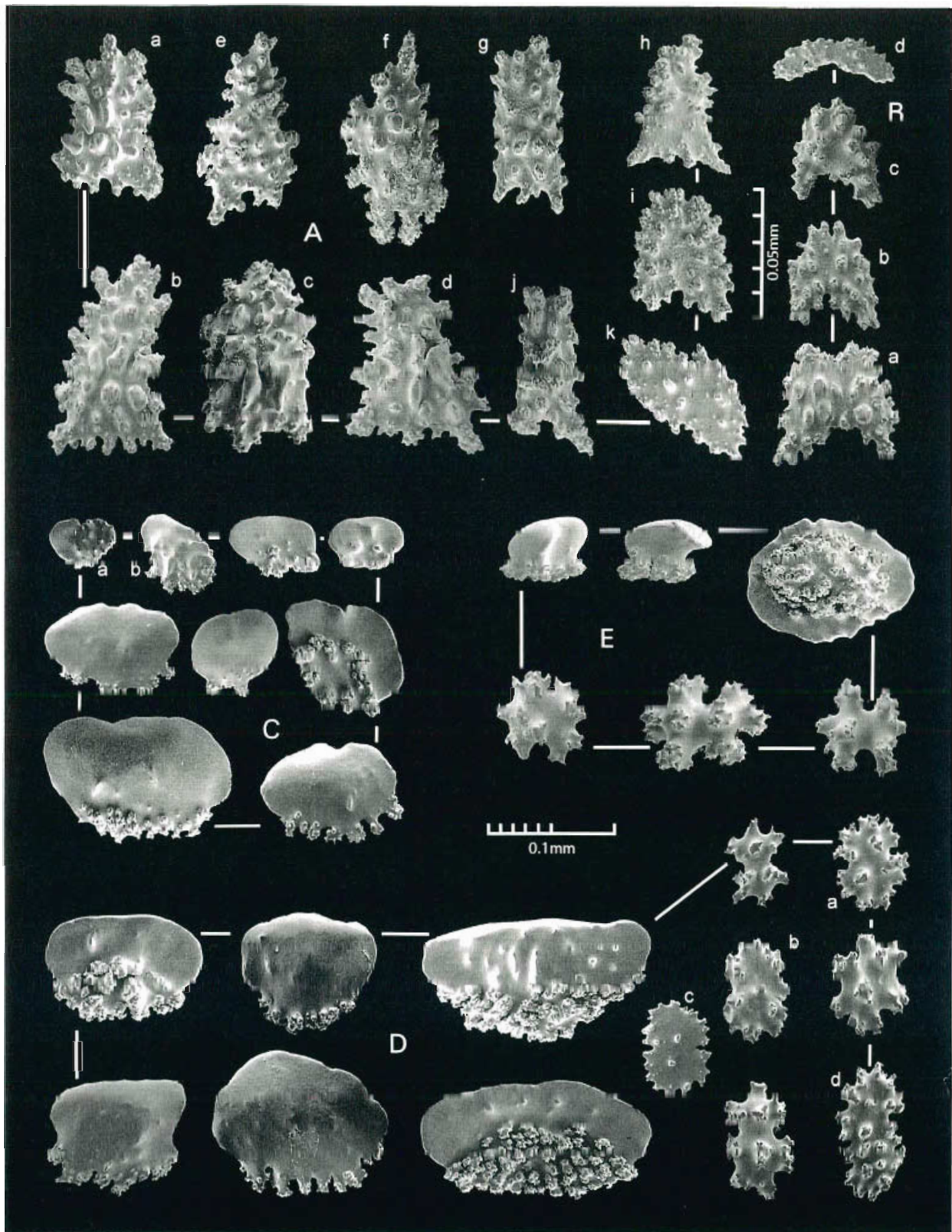


Fig. 208. *Gorgonisis elyakovi* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Twig coenenchyme; E. Main branch coenenchyme.

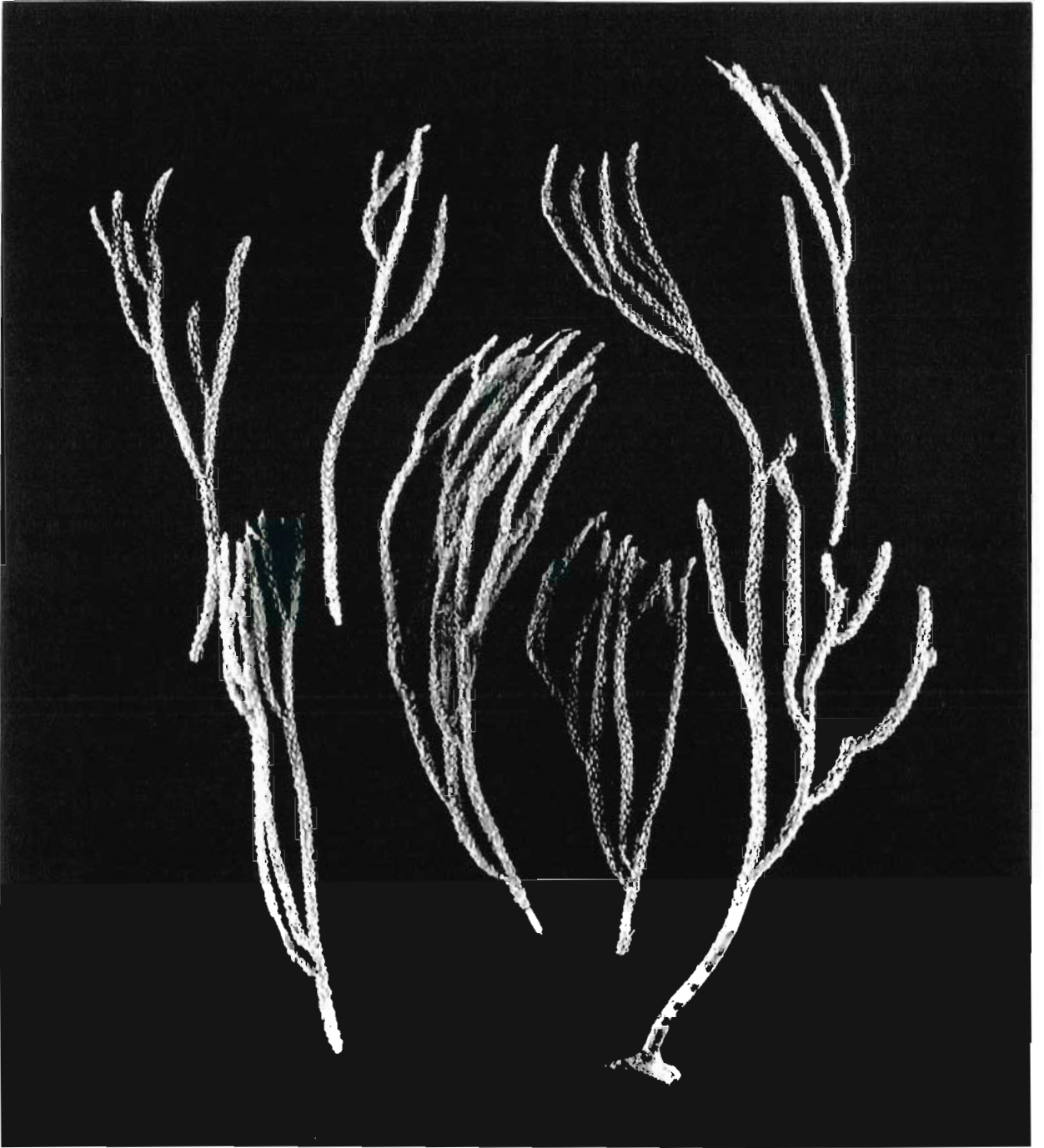


Fig. 209. *Pangolinisis cia* n.sp., holotype, natural size.

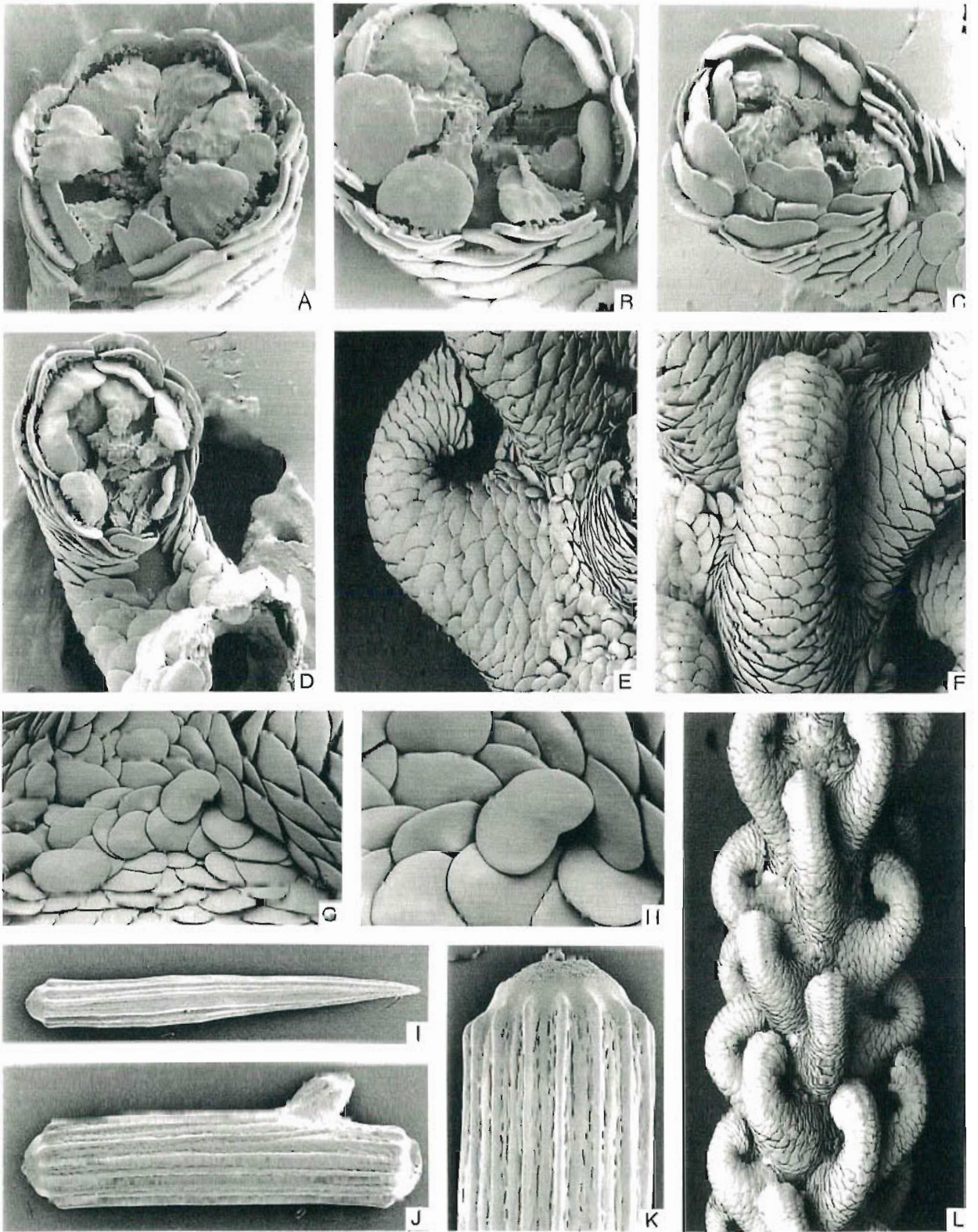


Fig. 210. *Pangolinisis cia* n.sp., holotype: A-F. Polyps; G-H. Coenenchyme; I-K. Axial internodes; L. Twig fragment.

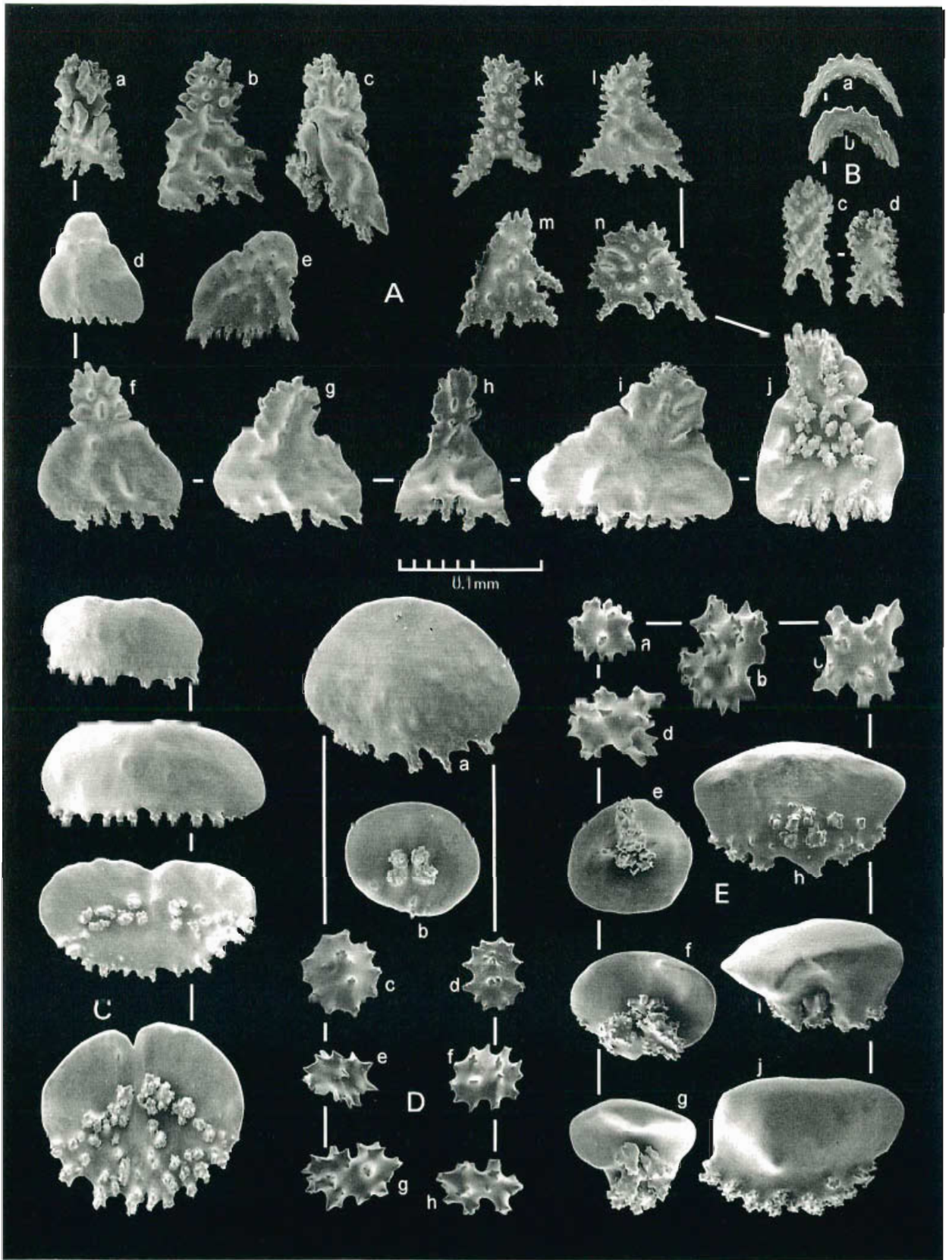


Fig. 211. *Pangolinisis cia* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Twig coenenchyme; E. Stem coenenchyme.

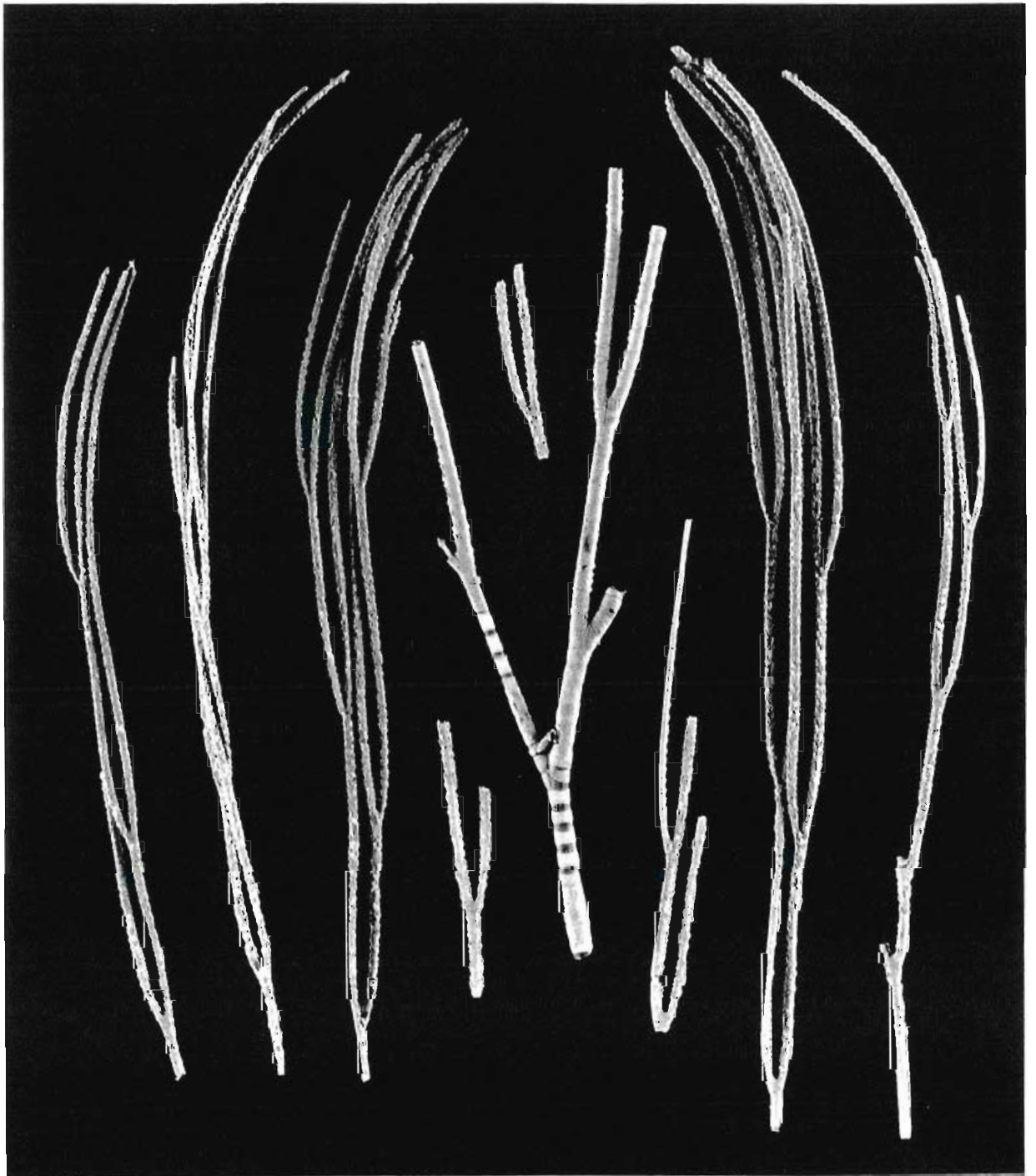


Fig. 212. *Plexipomisis thetis* n.sp., holotype, natural size.

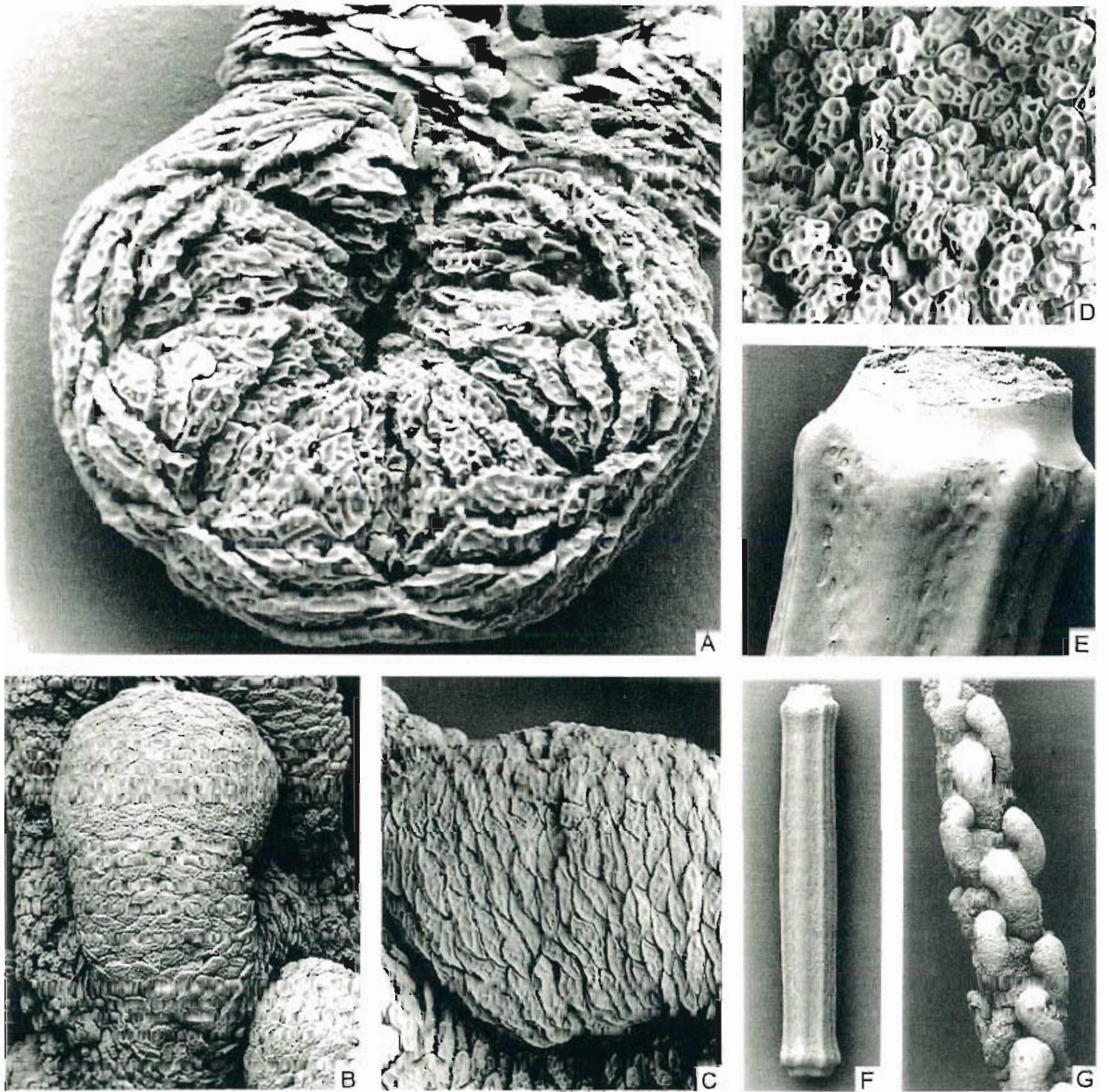


Fig. 213. *Plexipomisia thetis* n.sp., holotype: A-C. Polyps; D. Coenenchyme; E-F. Axial internodes; G. Twig fragment.

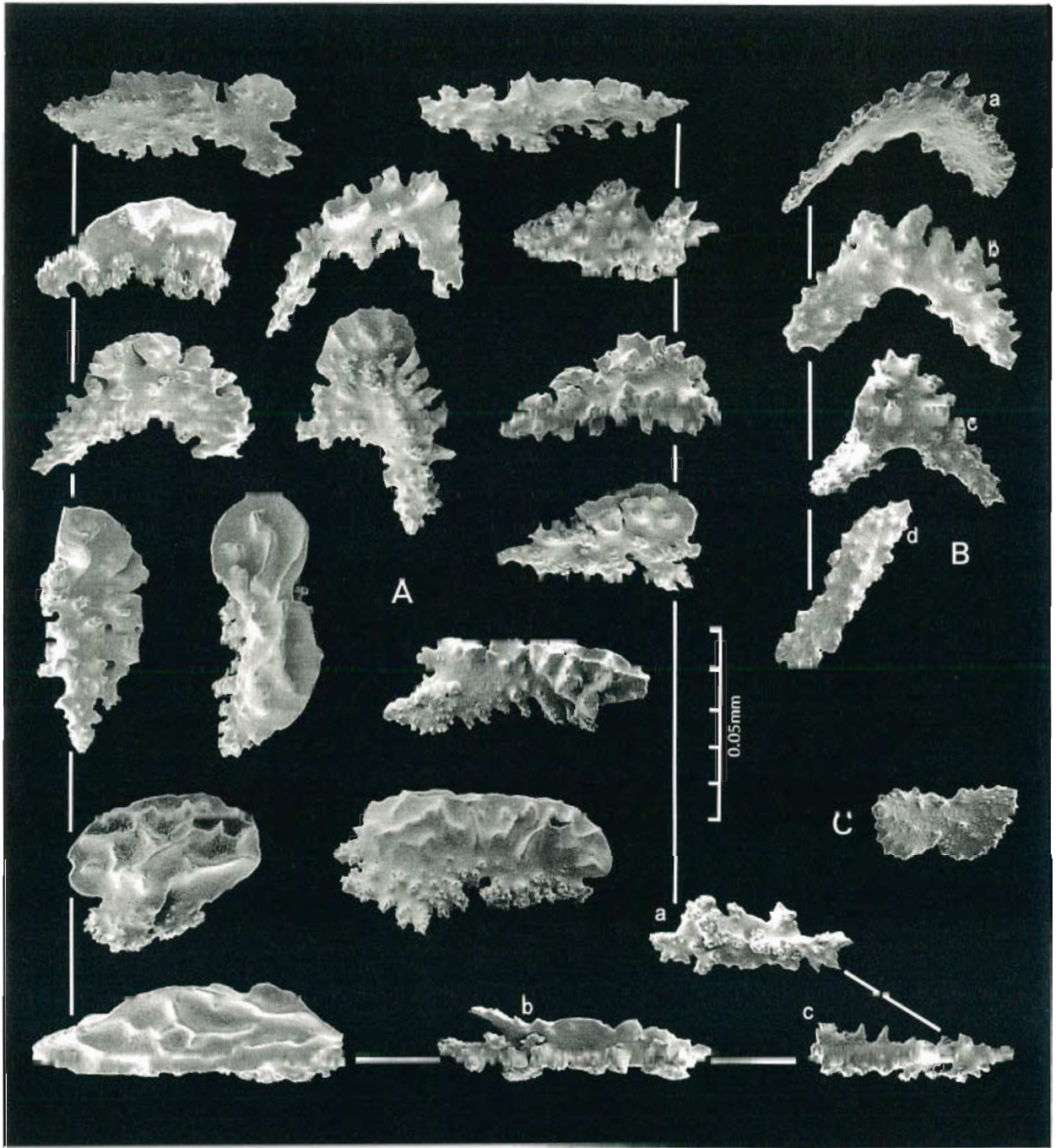


Fig. 214. *Plexipomisis thetis* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Adaxial polyp margin.

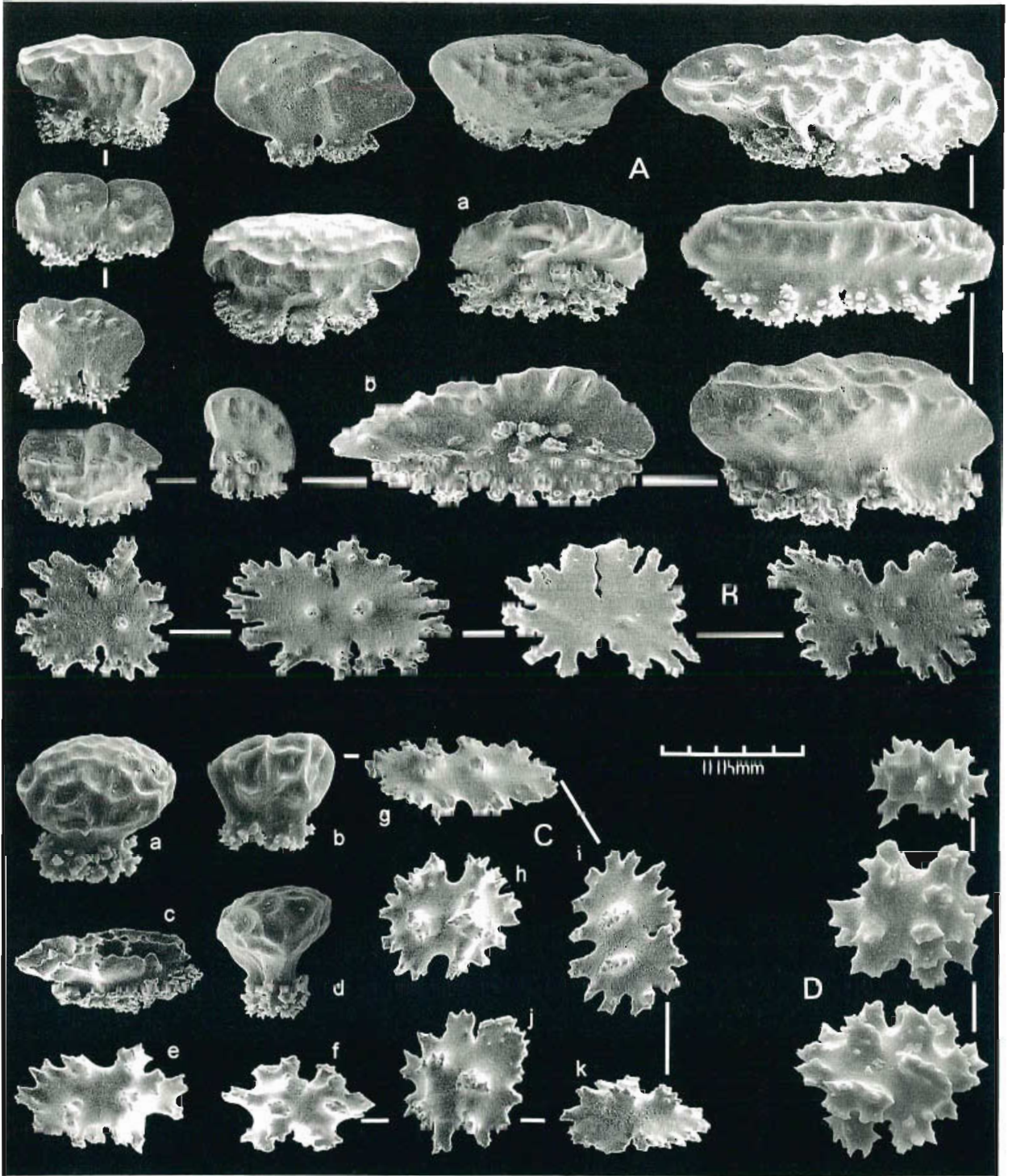


Fig. 215. *Plexipomisis thetis* n.sp., holotype, sclerites: A. Polyp body; B. Sub-surface of polyp body, stellate plates; C. Twig coenenchyme; D. Sub-surface of stem coenenchyme.

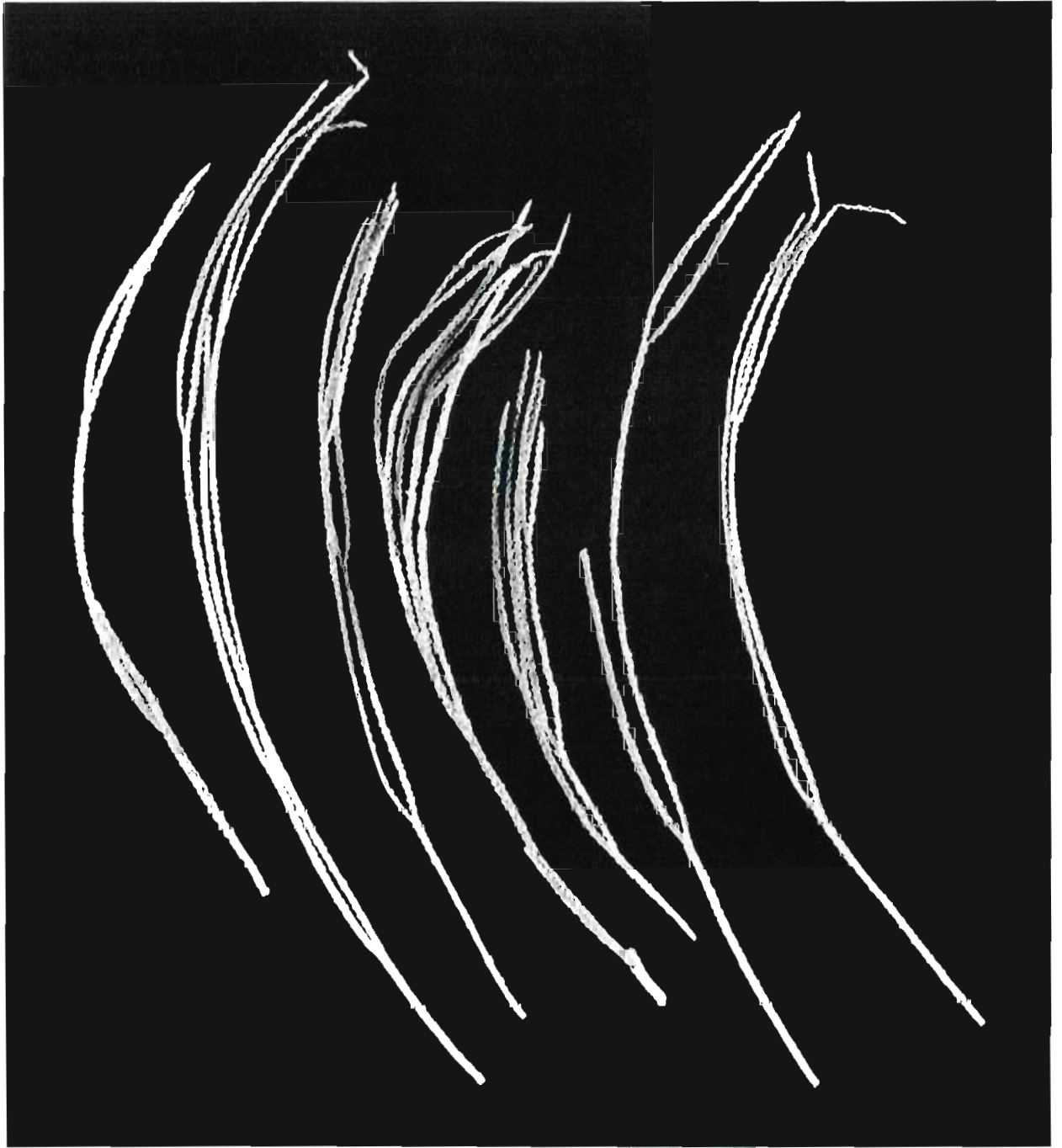


Fig. 216. *Plexipomisis elegans* (Thomson & Mackinnon, 1911), lectotype, natural size.

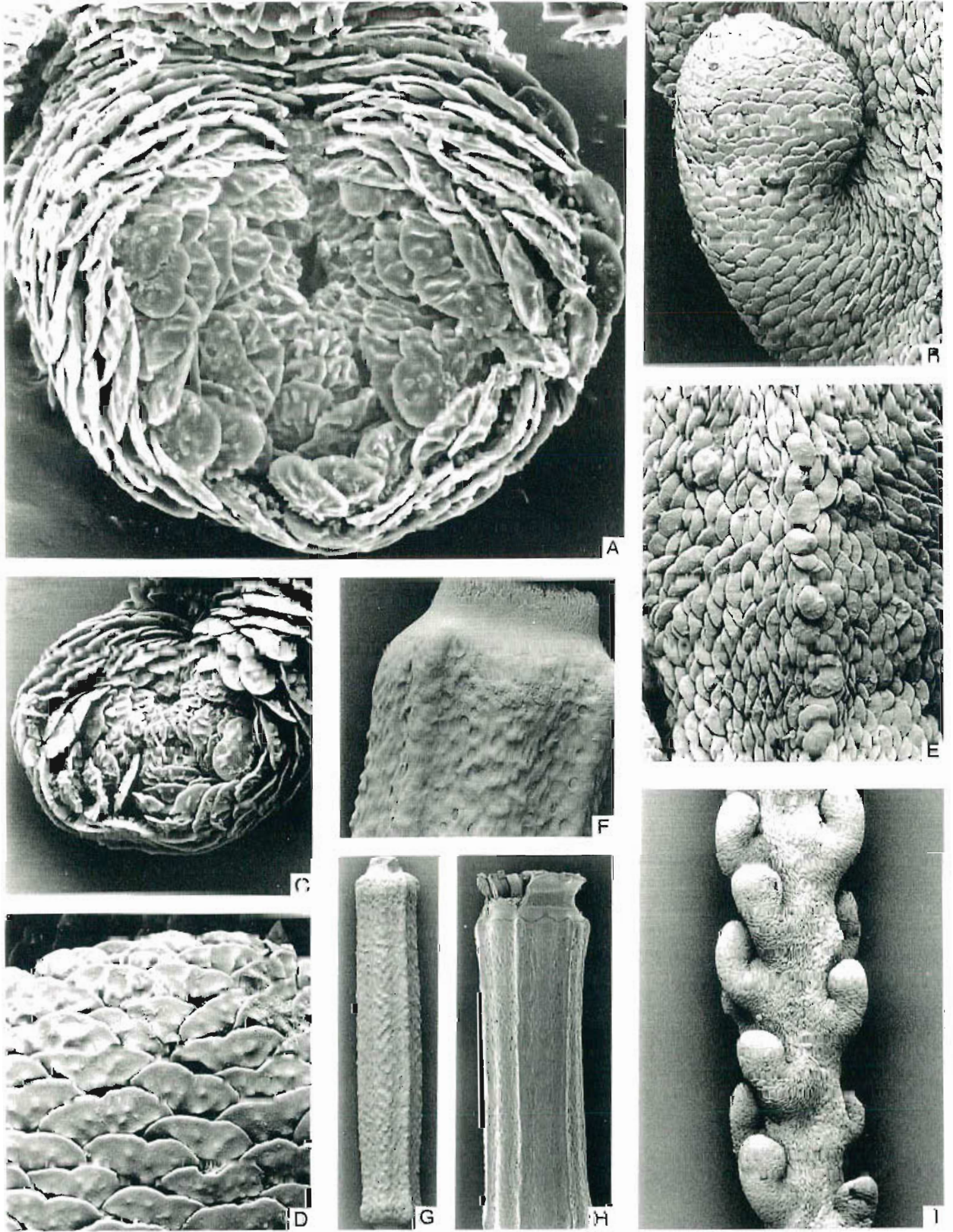


Fig. 217. *Plexipomisis elegans* (Thomson & Mackinnon, 1911), lectotype: A-D. Polyps; E. Coenenchyme; F-H. Axial internodes; I. Twig fragment.

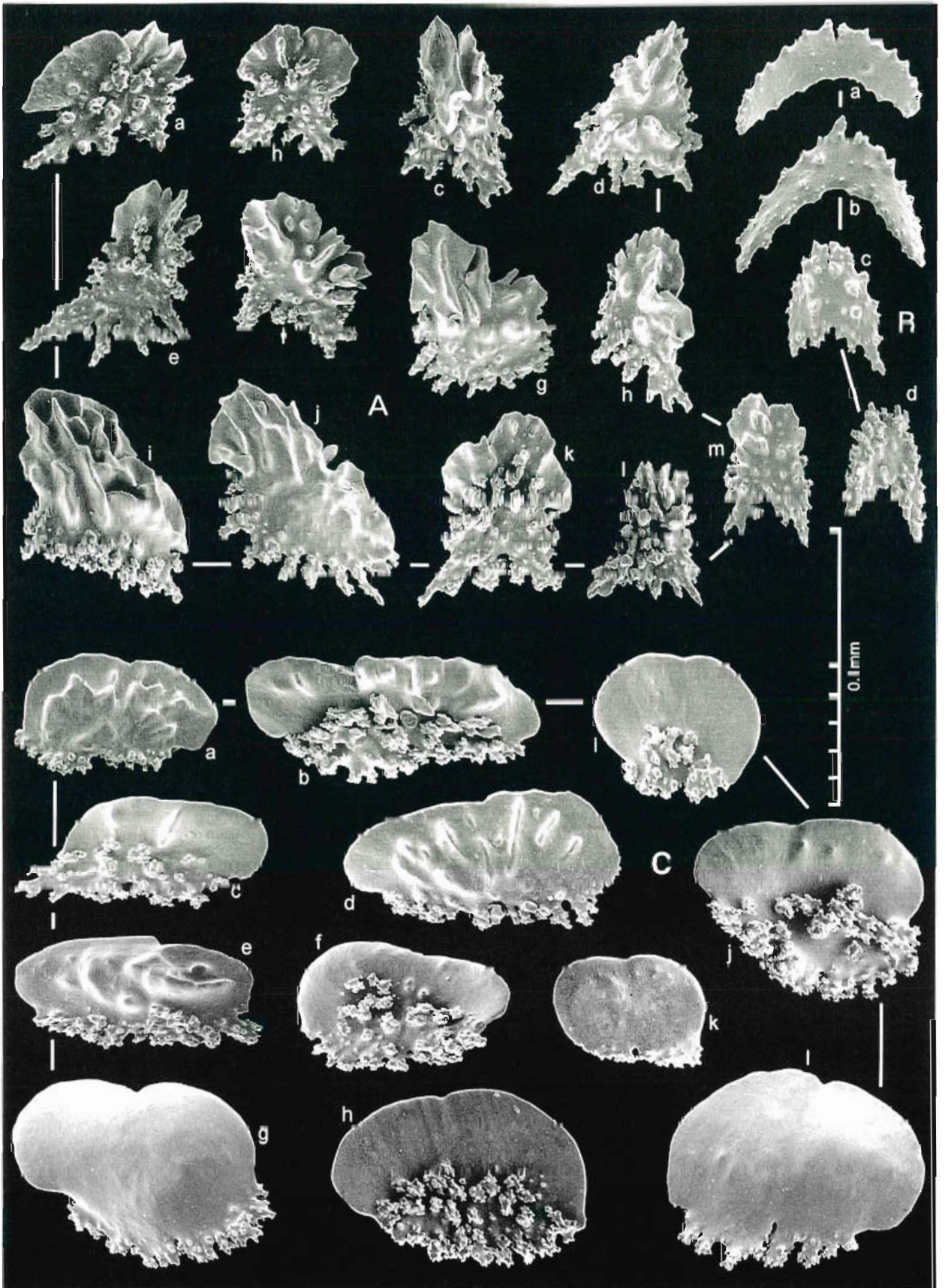


Fig. 218. *Plexipomisis elegans* (Thomson & Mackinnon, 1911), lectotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body.

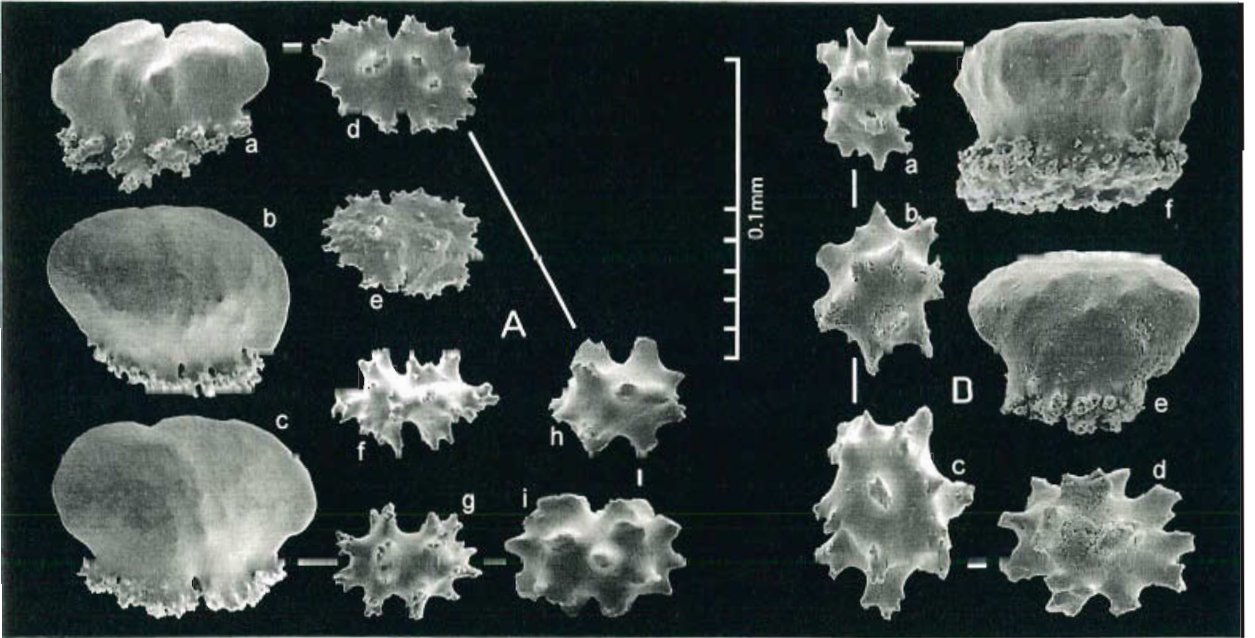


Fig. 219. *Plexipomisis elegans* (Thomson & Mackinnon, 1911), sclerites: A. Lectotype, twig coenenchyme; B. AM E142, upper stem coenenchyme.

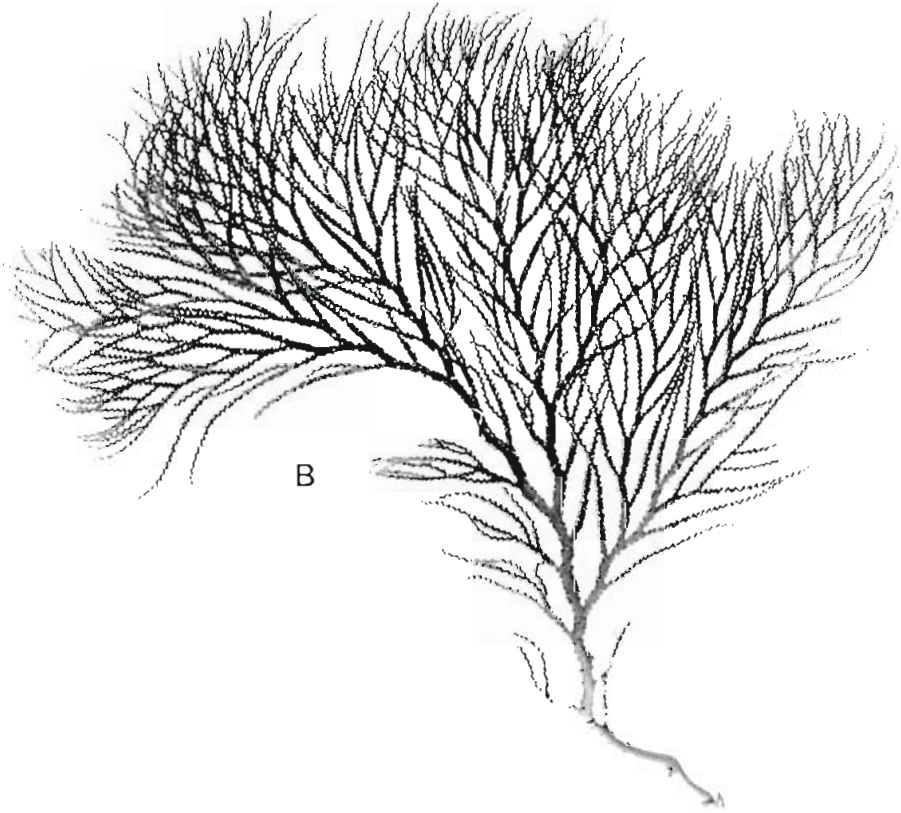
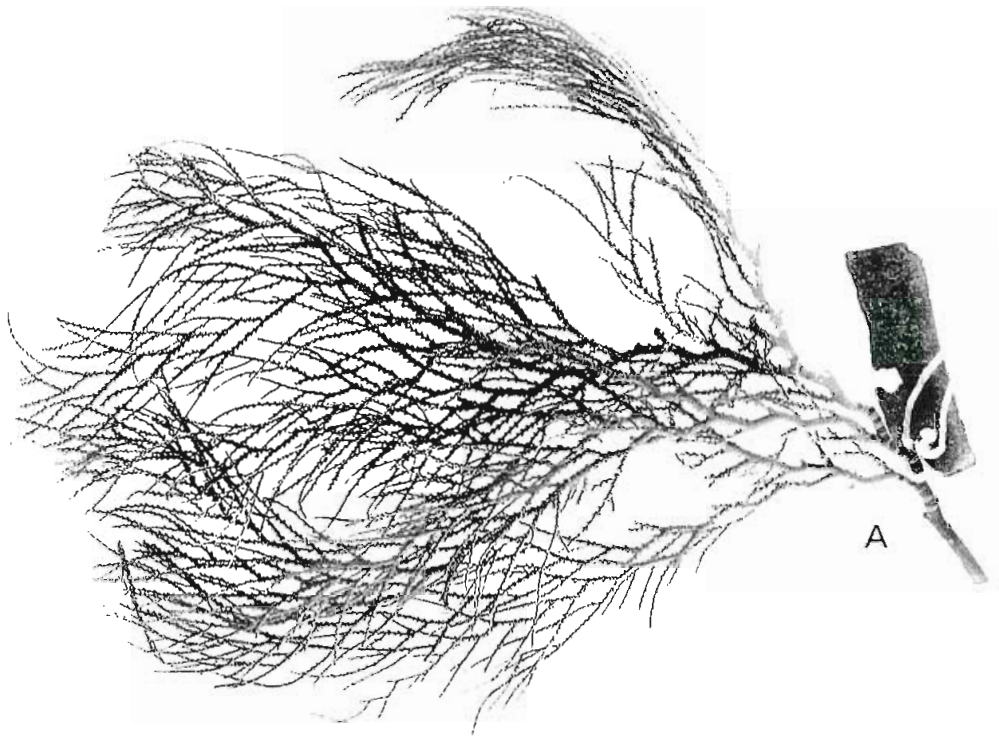


Fig. 220. *Zignisis repens* (Briggs, 1915): A. Holotype; B. WAM 1-95. All natural size.

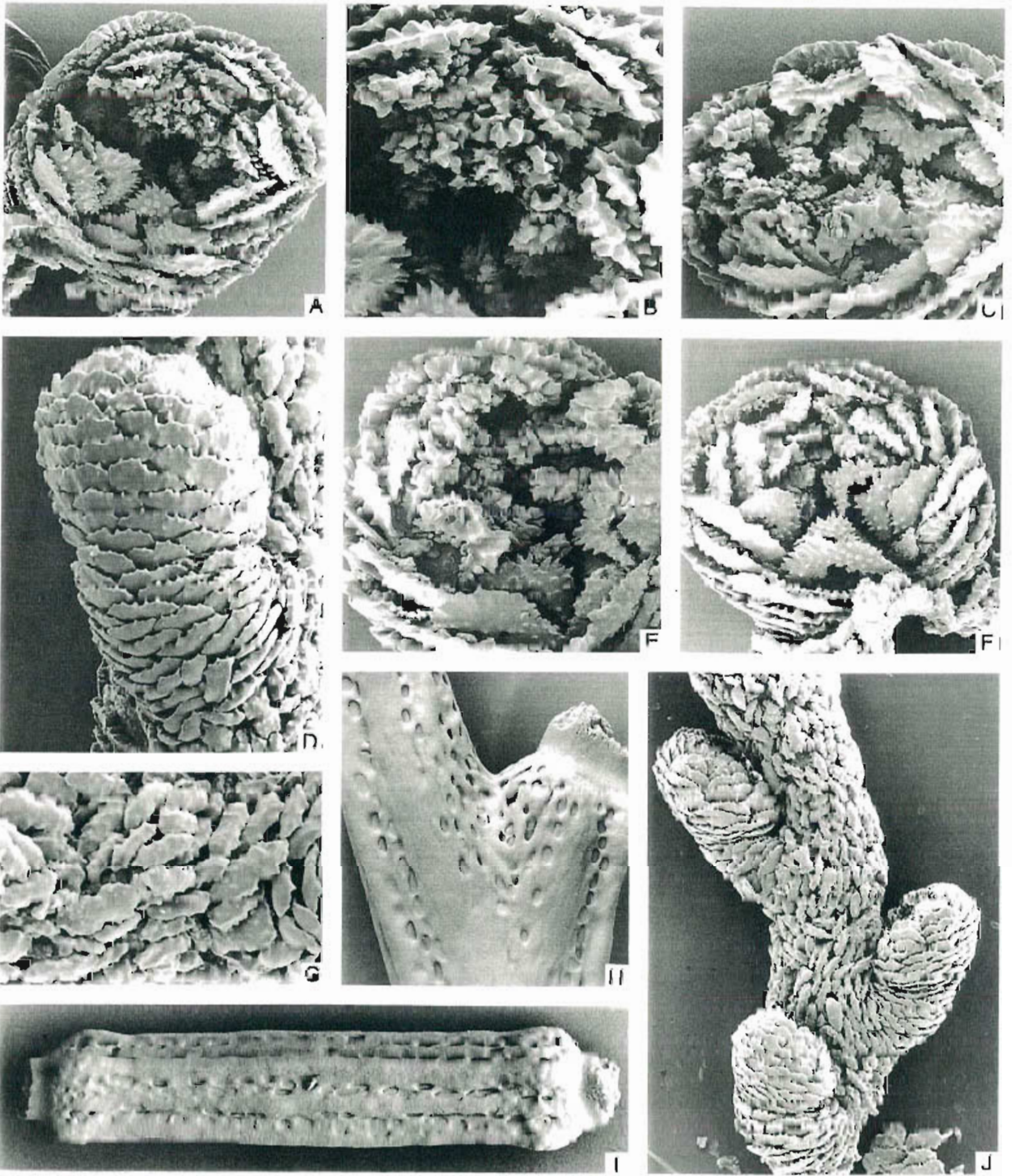


Fig. 221. *Zignisis repens* (Briggs, 1915), holotype: A-F. Polyps; G. Coenenchyme; H-I. Axial internodes; J. Twig fragment.

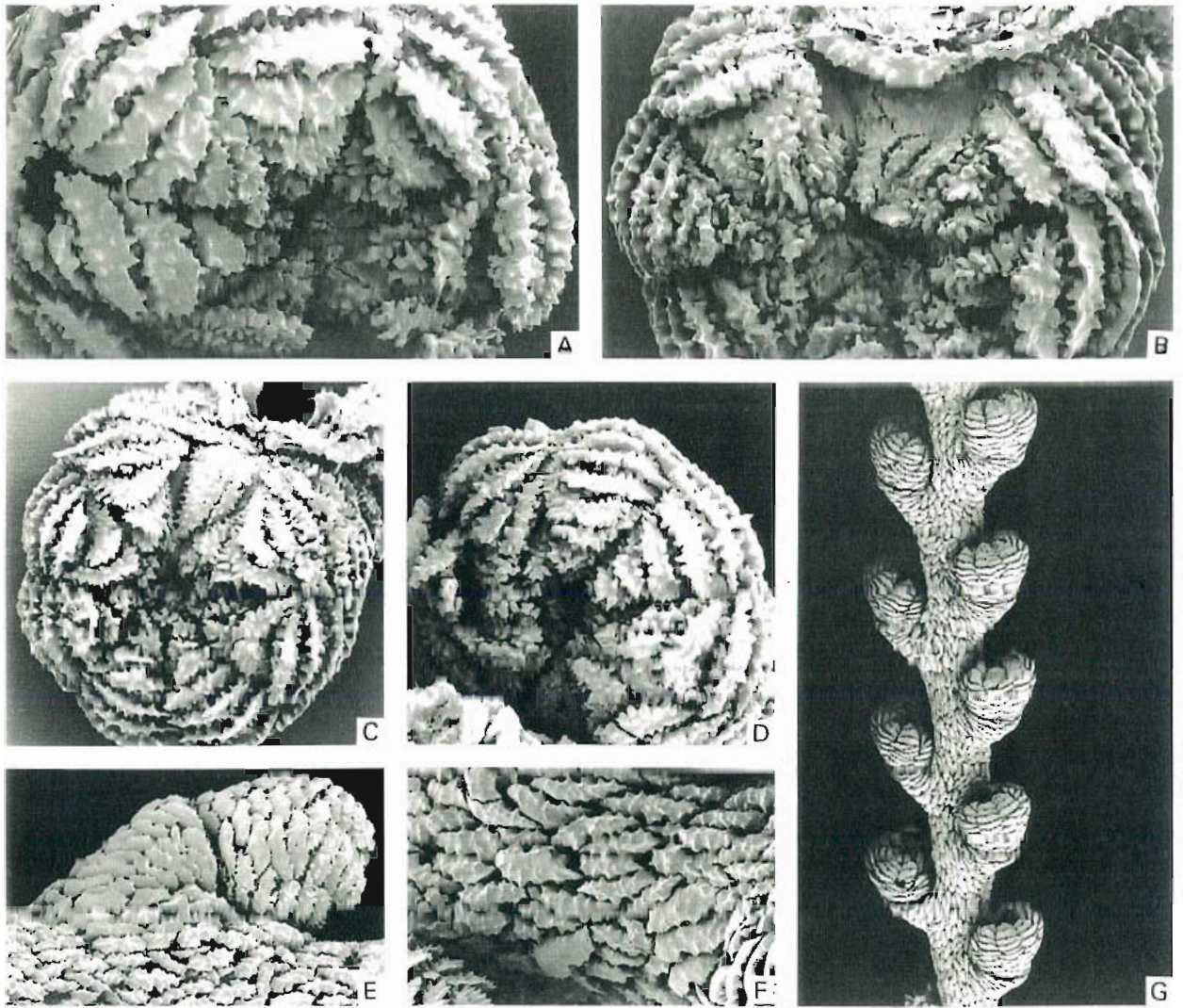


Fig. 222. *Zignisia repens* (Briggs, 1915), paratype, AM G11801: A-E. Polyps; F. Coenenchyme; G. Twig fragment.

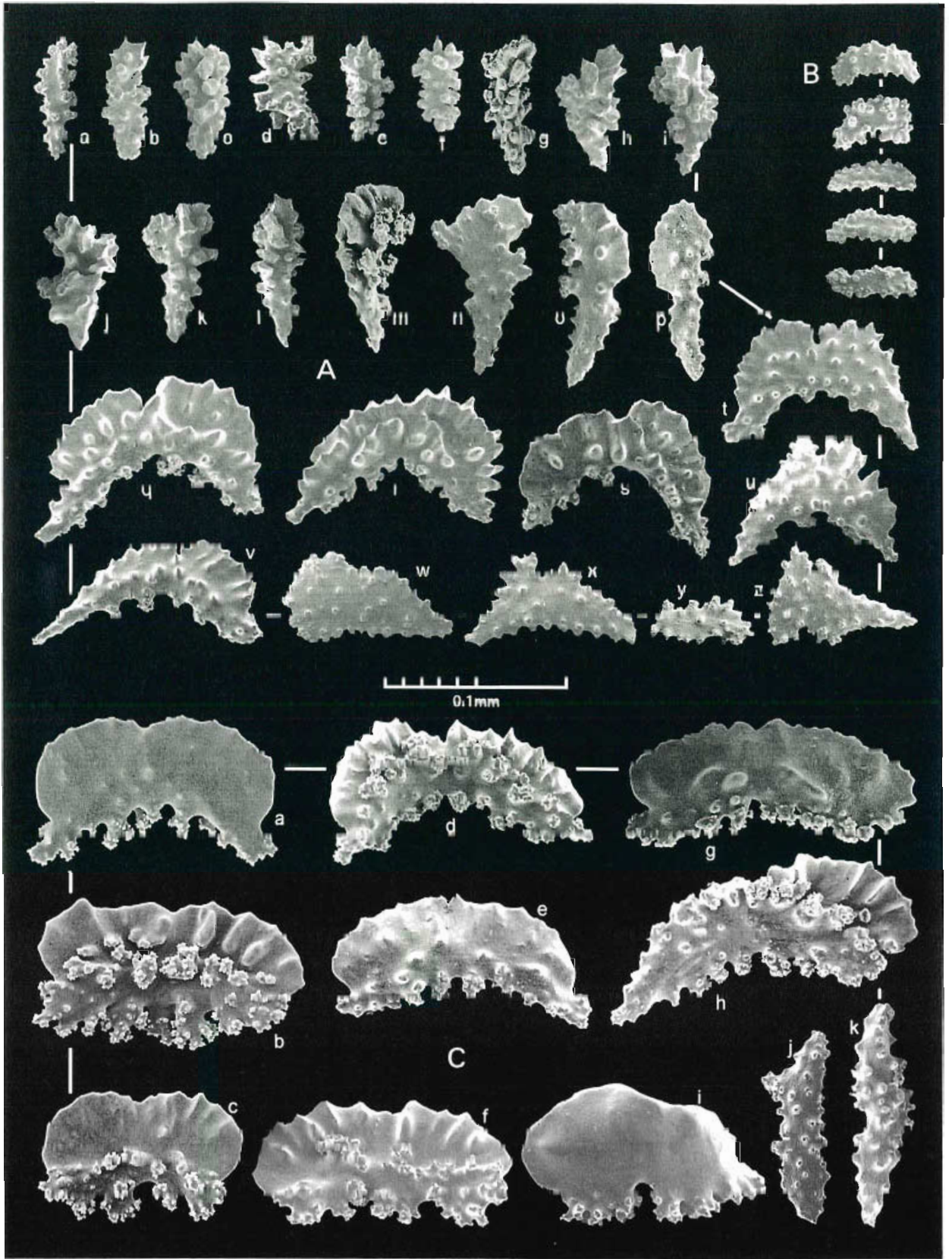


Fig. 223. *Zignisis repens* (Briggs, 1915), holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body.

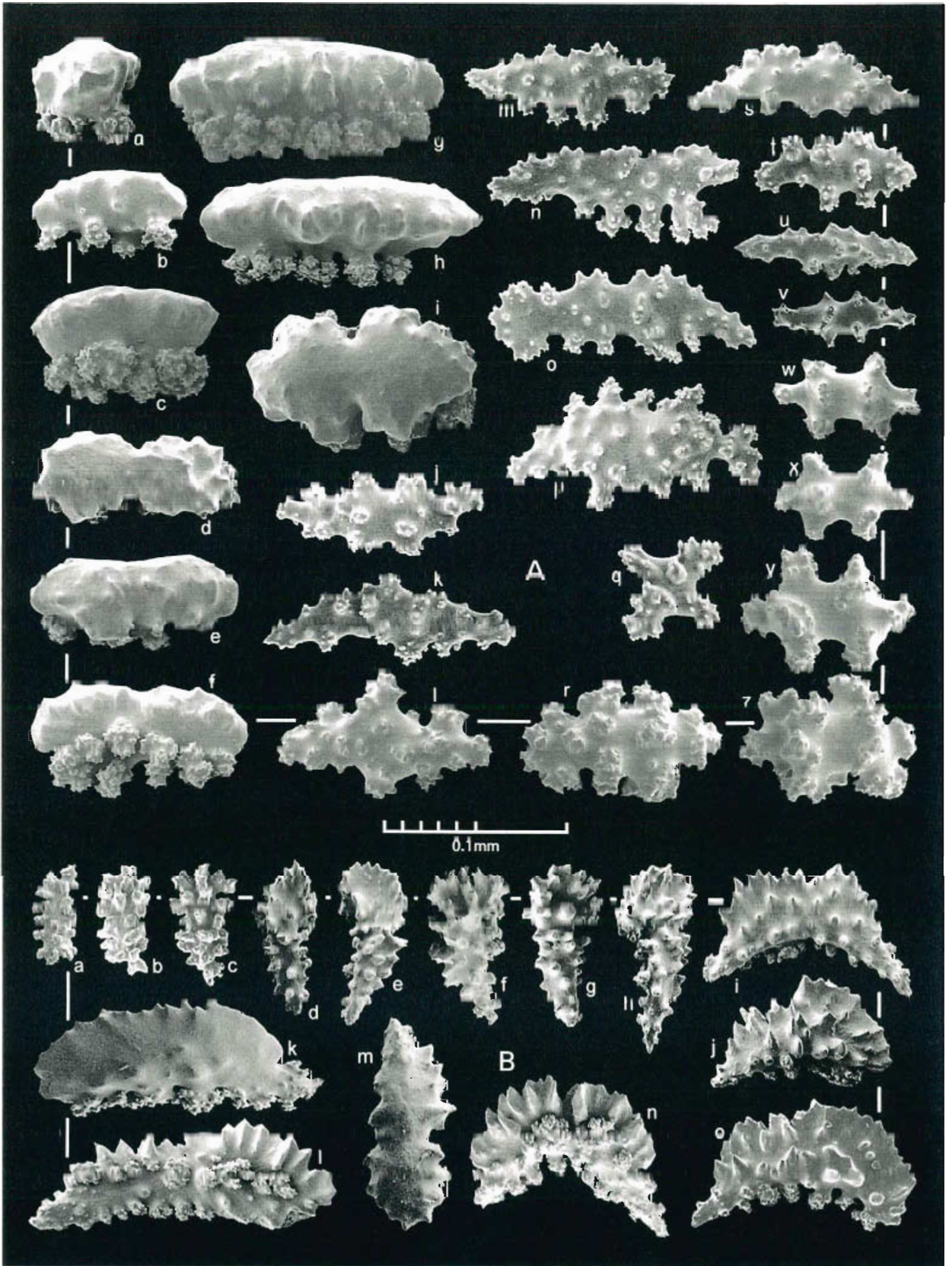


Fig. 224. *Zignisis repens* (Briggs, 1915), sclerites: A. Holotype, twig coenenchyme; B. Paratype, AM G11801, polyp & coenenchyme.

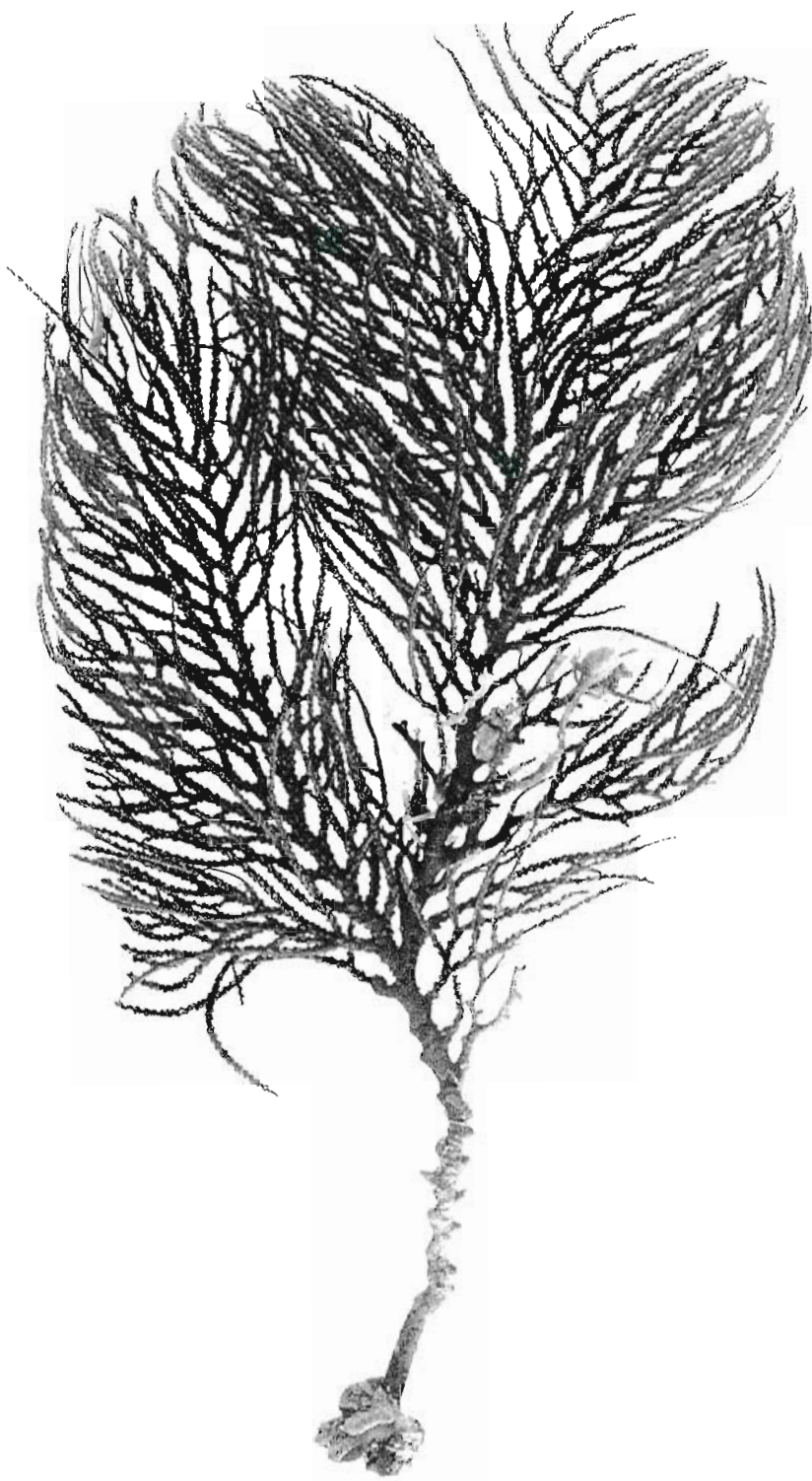


Fig. 225. *Zignisis phorinema* n.sp., holotype, natural size.

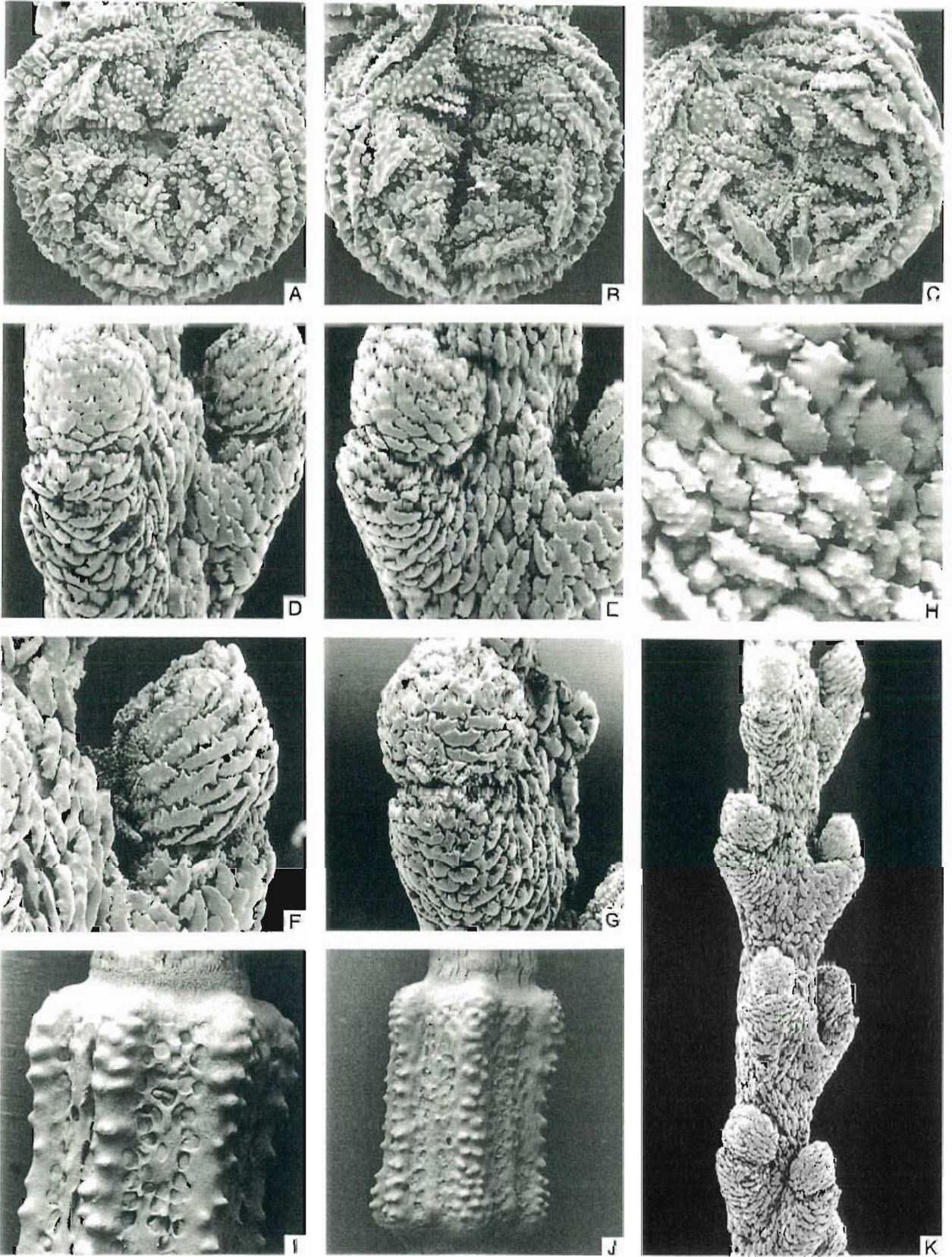


Fig. 226. *Zignisis phorinema* n.sp., holotype: A-G. Polyps; H. Coenenchyme; I-J. Axial internodes; K. Twig fragment.

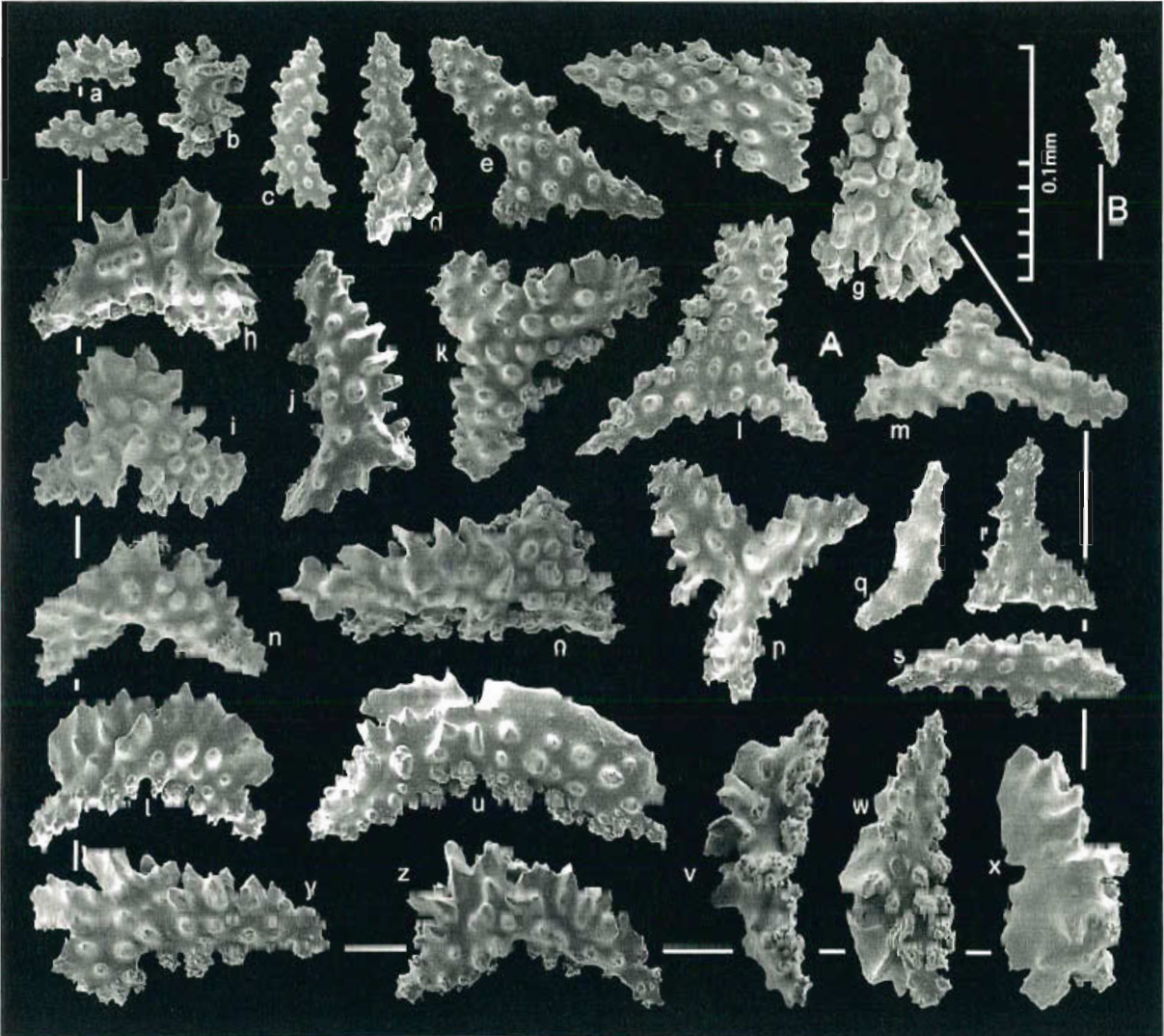


Fig. 227. *Zignisis phorinema* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles.

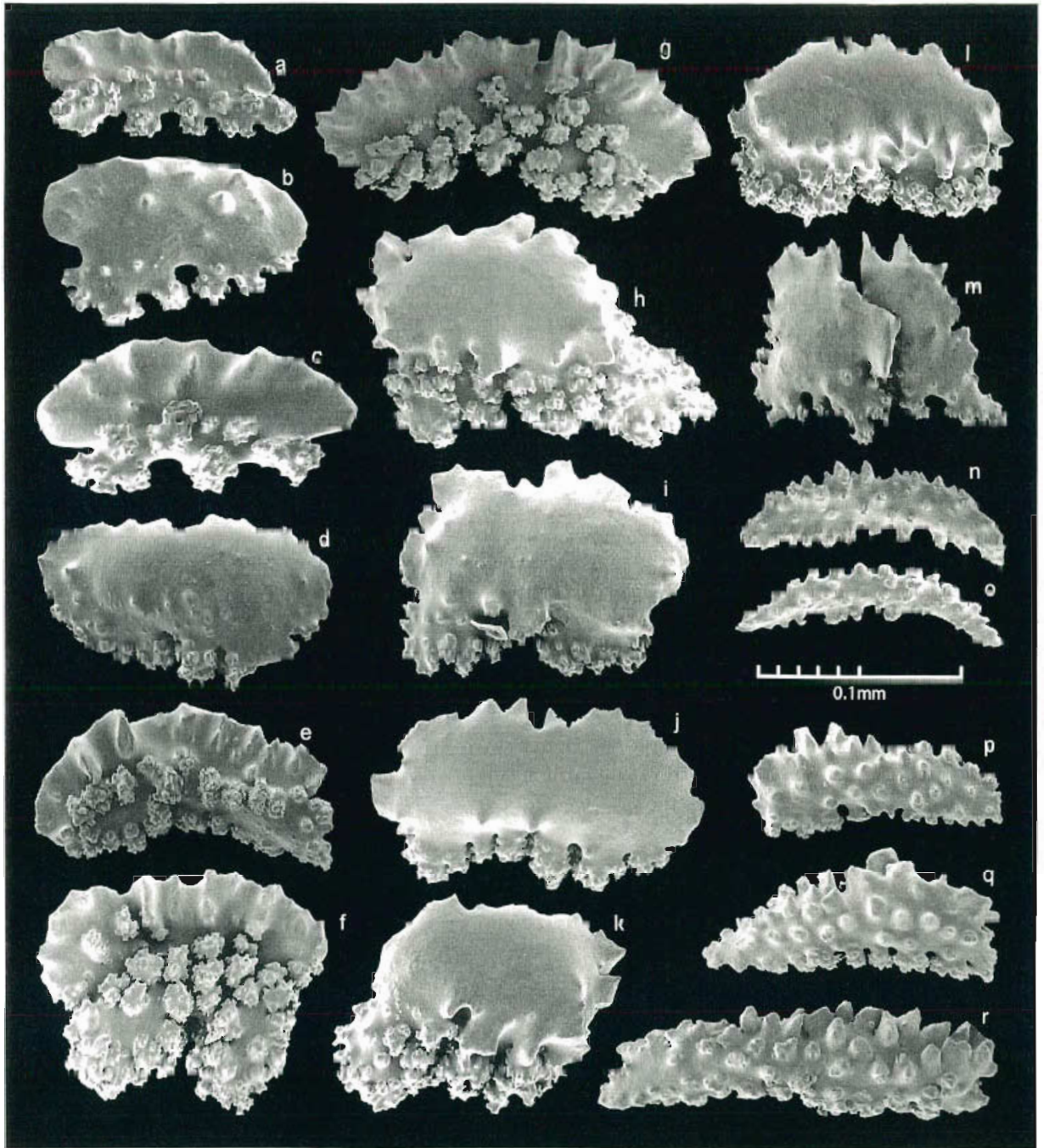


Fig. 228. *Zignisis phorinema* n.sp., holotype, sclerites: Polyp body.

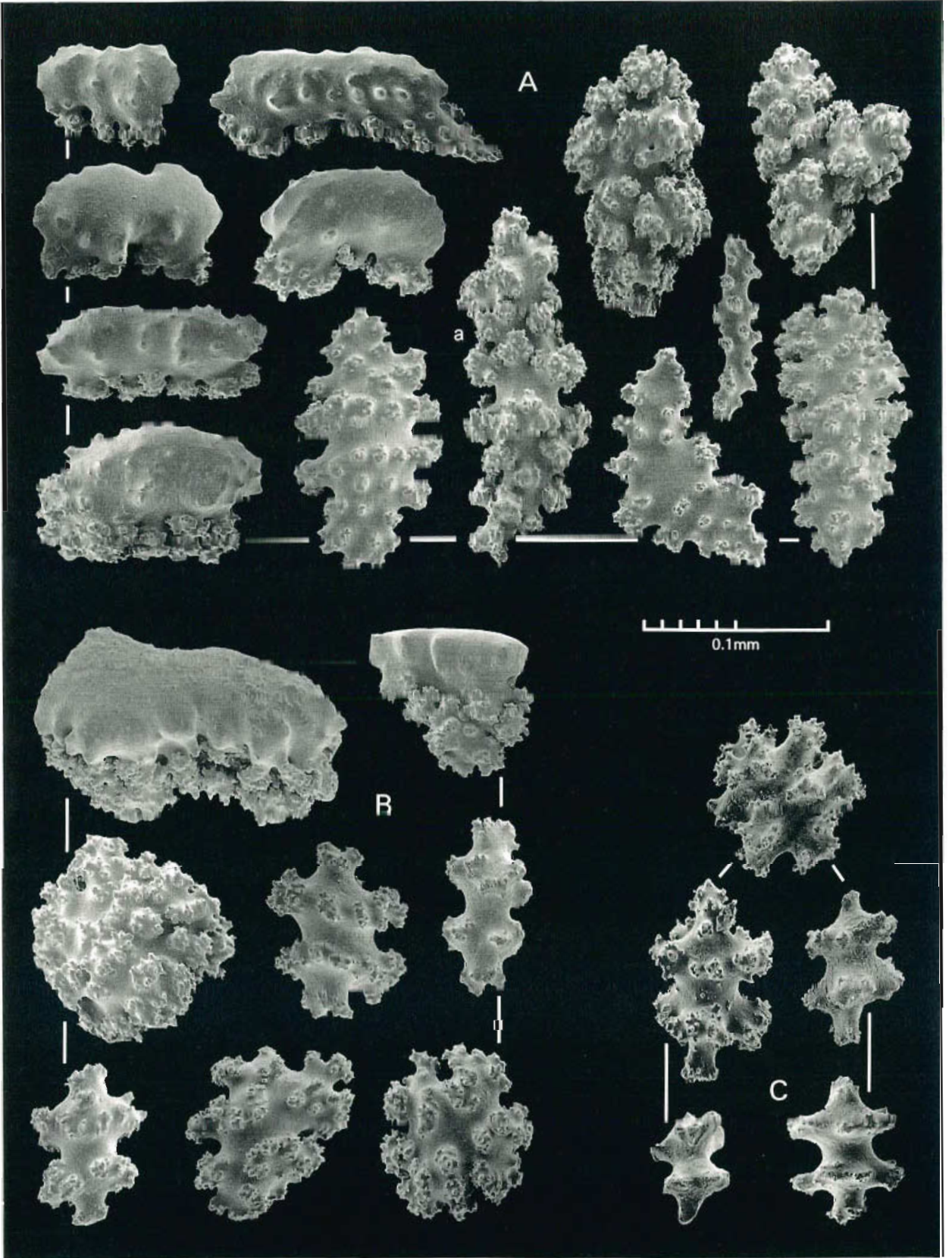


Fig. 229. *Zignisis phorinema* n.sp., holotype, sclerites: A. Thin branch coenenchyme; B. Main branch coenenchyme; C. Stem coenenchyme.



Fig. 230. *Zignisis lornae* n.sp., holotype, natural size.

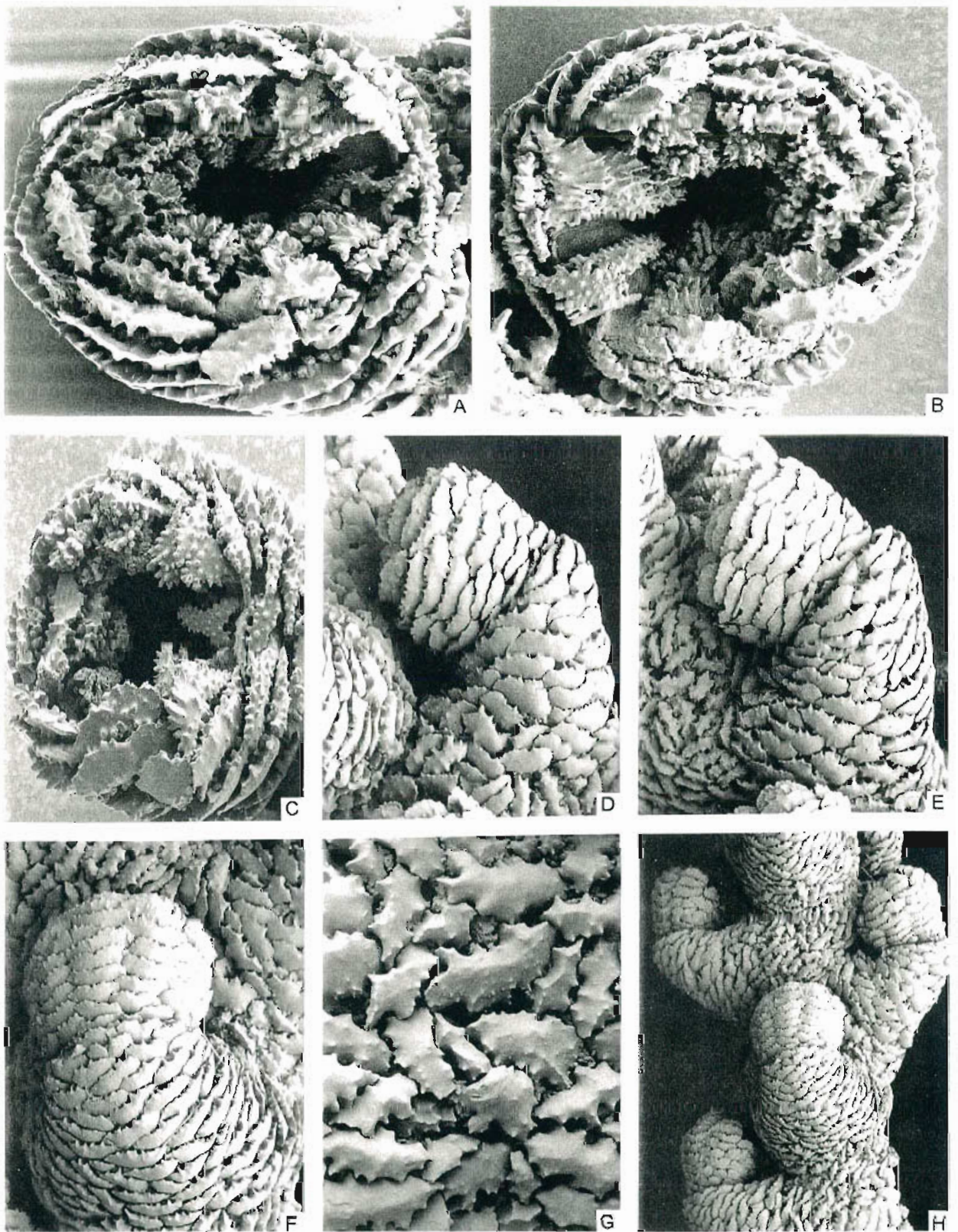


Fig. 231. *Zignisis lornae* n.sp., holotype: A-F. Polyps; G. Coenenchyme; H. Twig fragment.

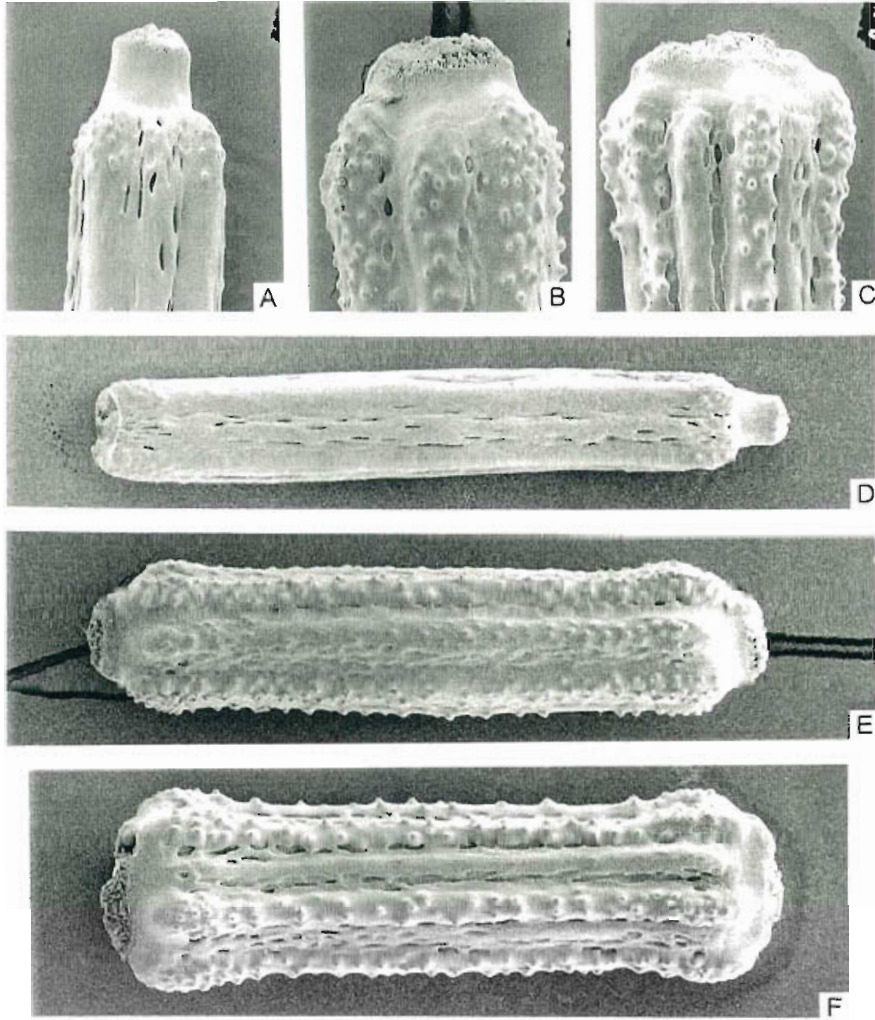


Fig. 232. *Zignisis lornae* n.sp., axial internodes: A-B, D-E. Paratype, NTM C2485; C, F. Holotype.

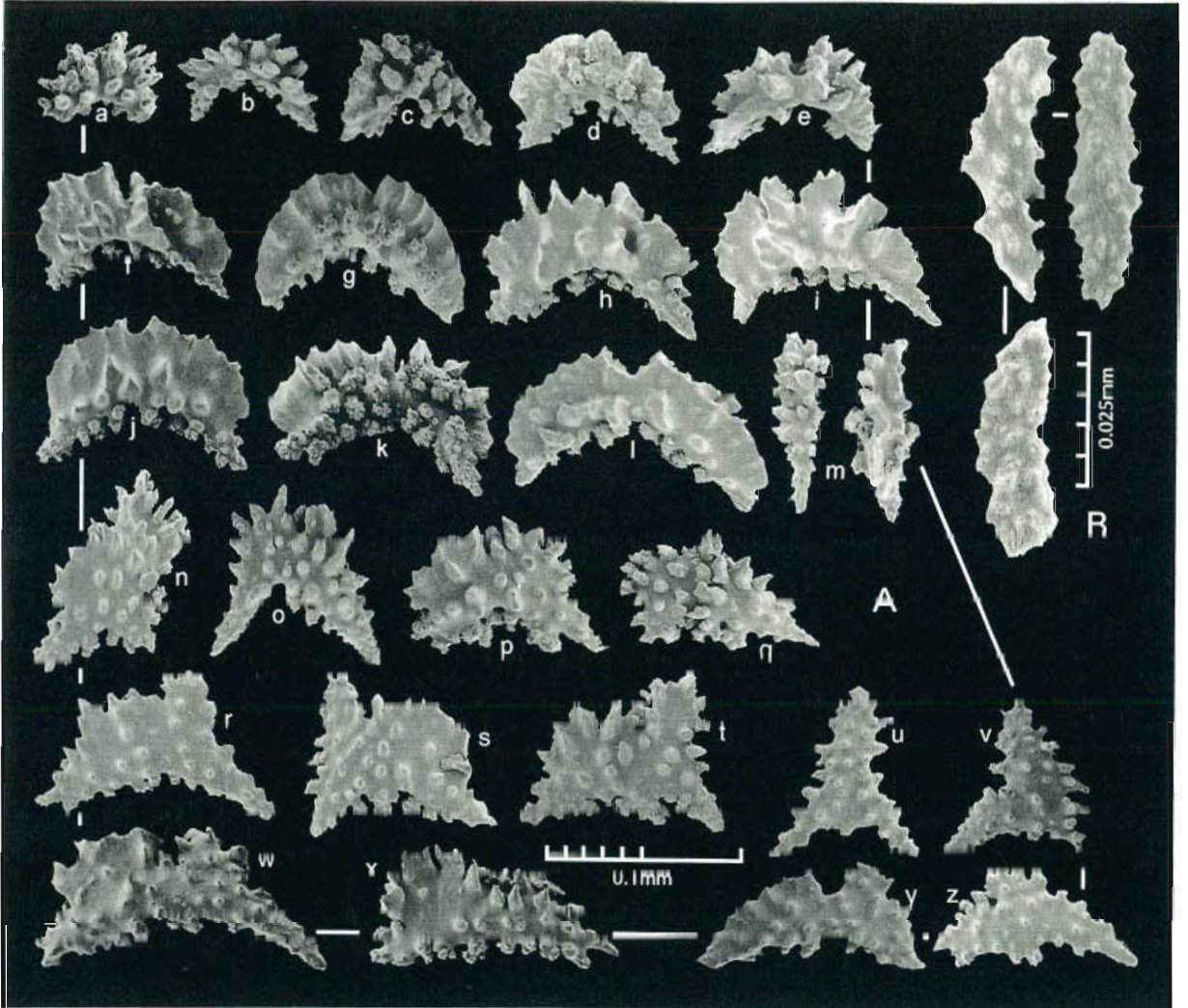


Fig. 233. *Zignisis lornae* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles.

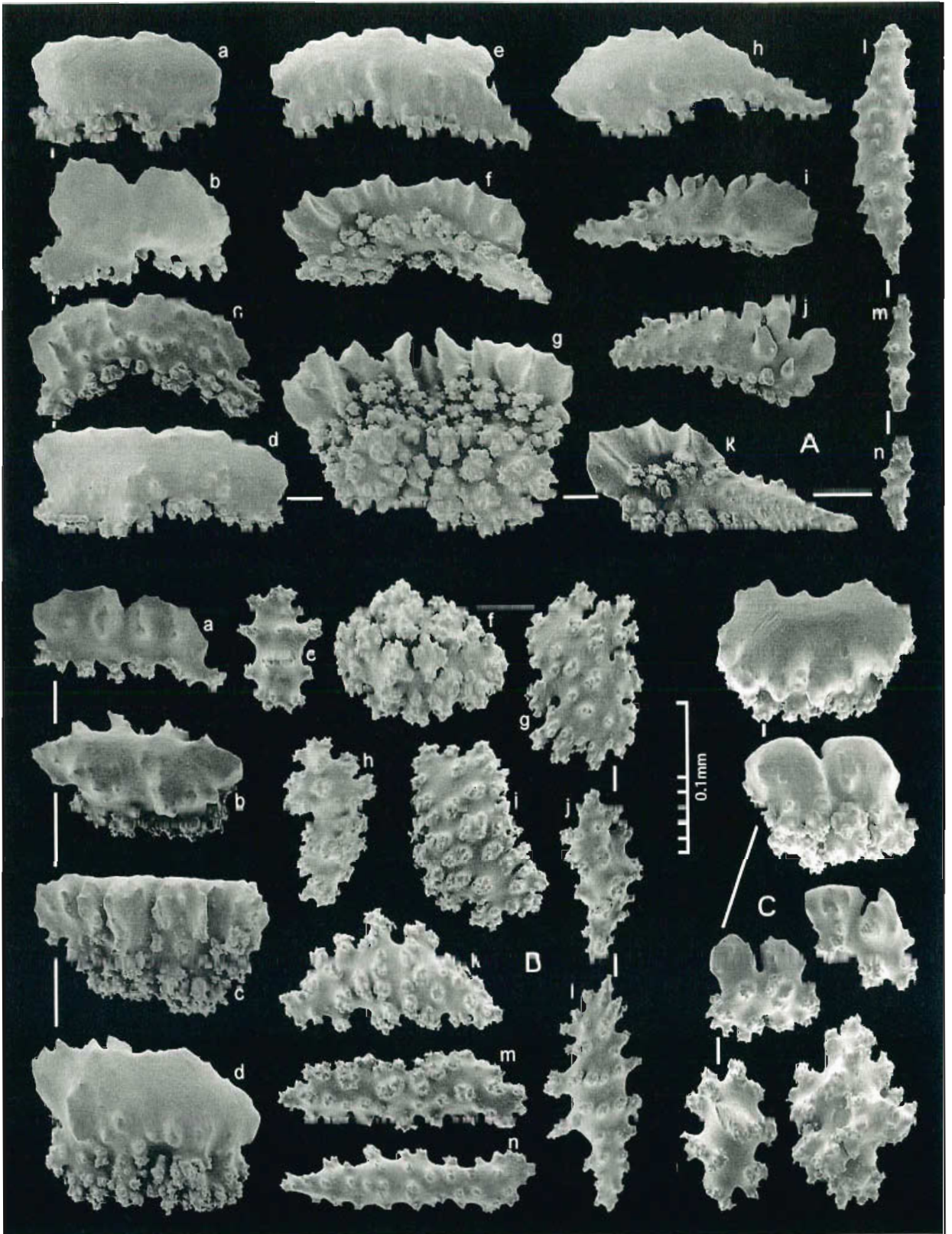


Fig. 234. *Zignisis lornae* n.sp., holotype, sclerites: A. Polyp body; B. Branch coenenchyme; C. Stem coenenchyme.

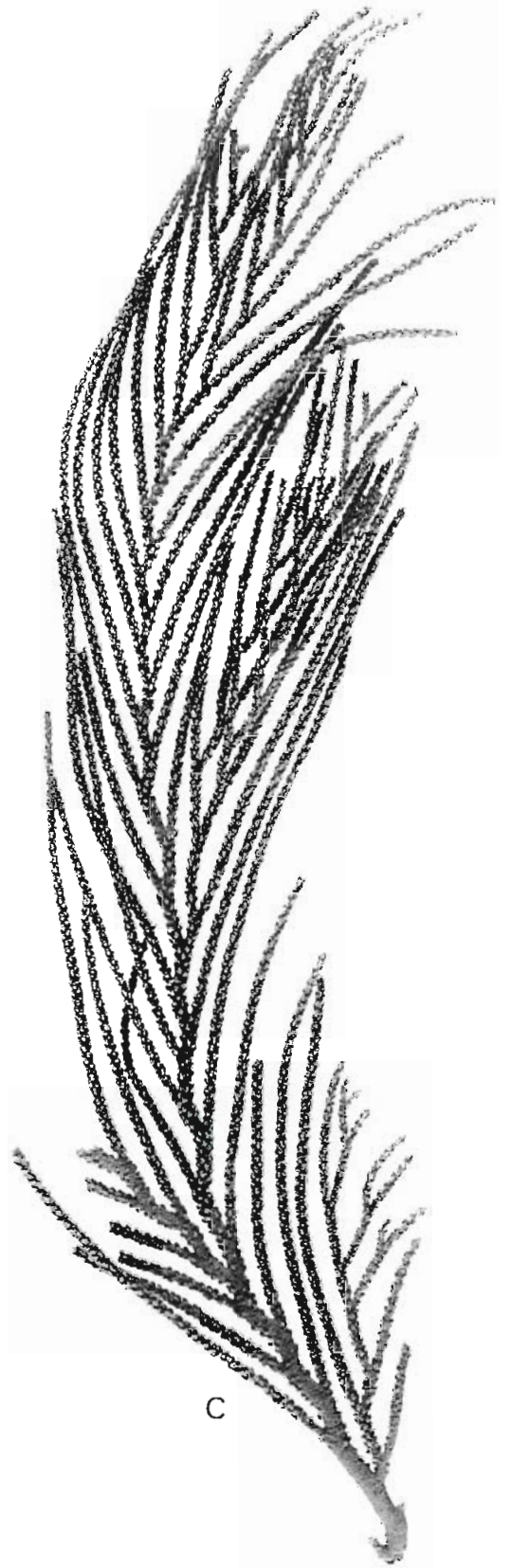
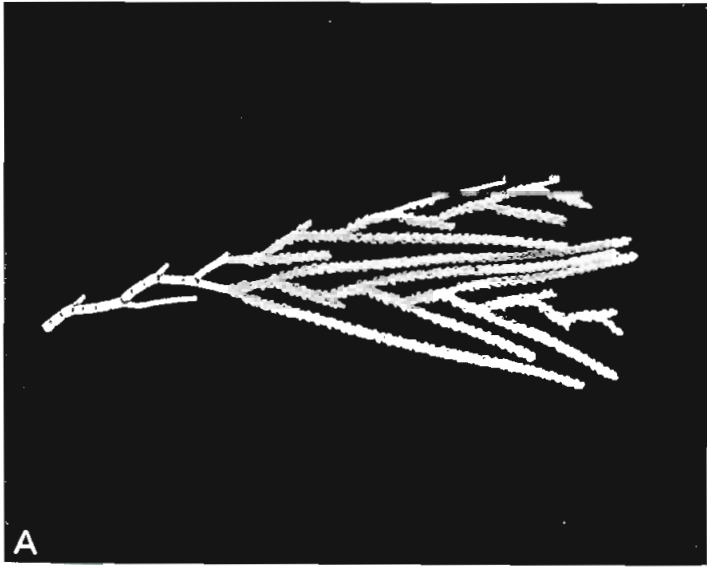


Fig. 235. *Zignisis alternata* (Utinomi, 1975): A. Holotype; B. NTM C10924; C. WAM 24-74. All natural size.

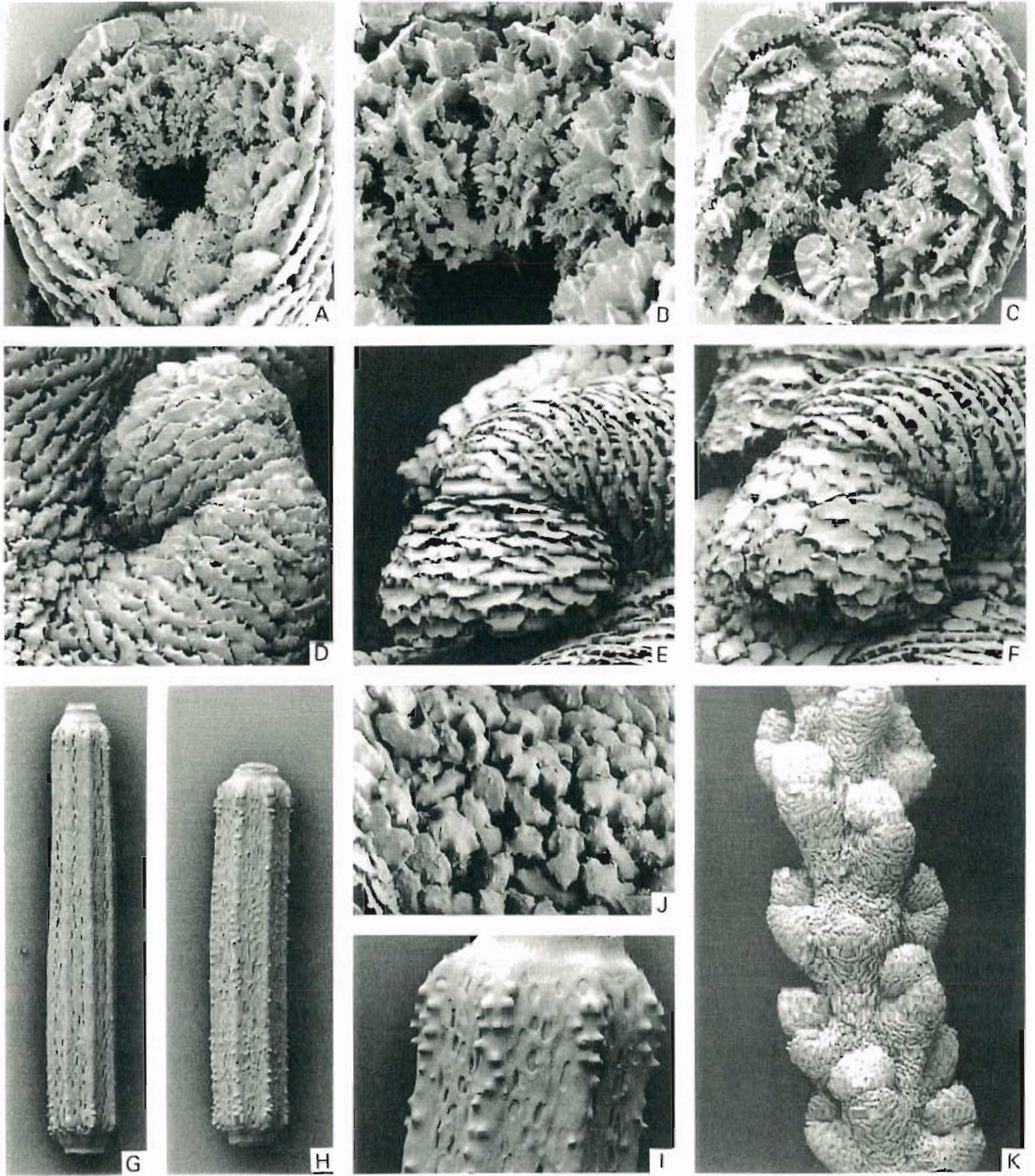


Fig. 236. *Zignisis alternata* (Utinomi, 1975), holotype: A-F. Polyps; G-I. Axial internodes; J. Coenenchyme; K. Twig fragment.

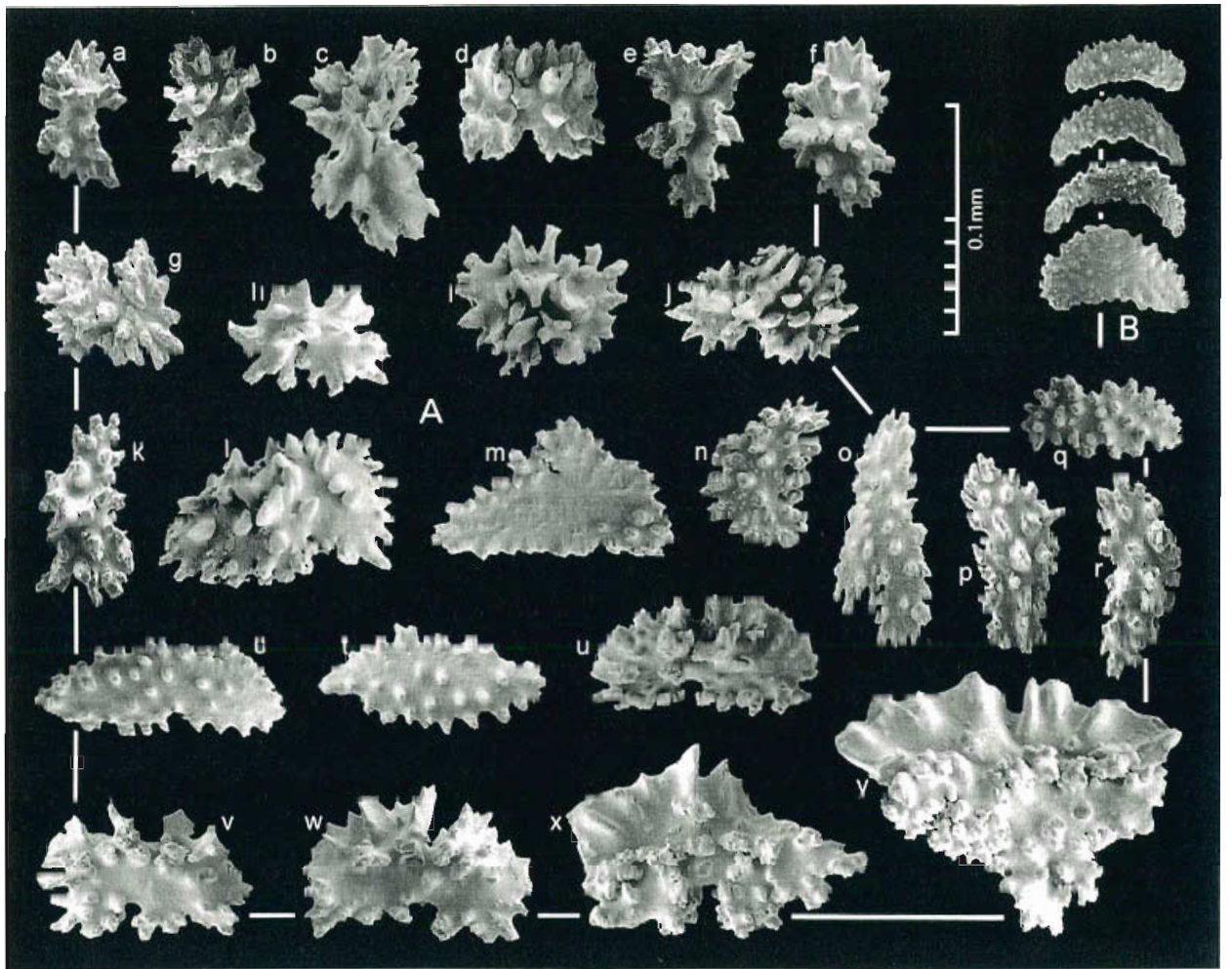


Fig. 237. *Zignisis alternata* (Utinomi, 1975), holotype, sclerites: A. Anthopoma; B. Tentacles.

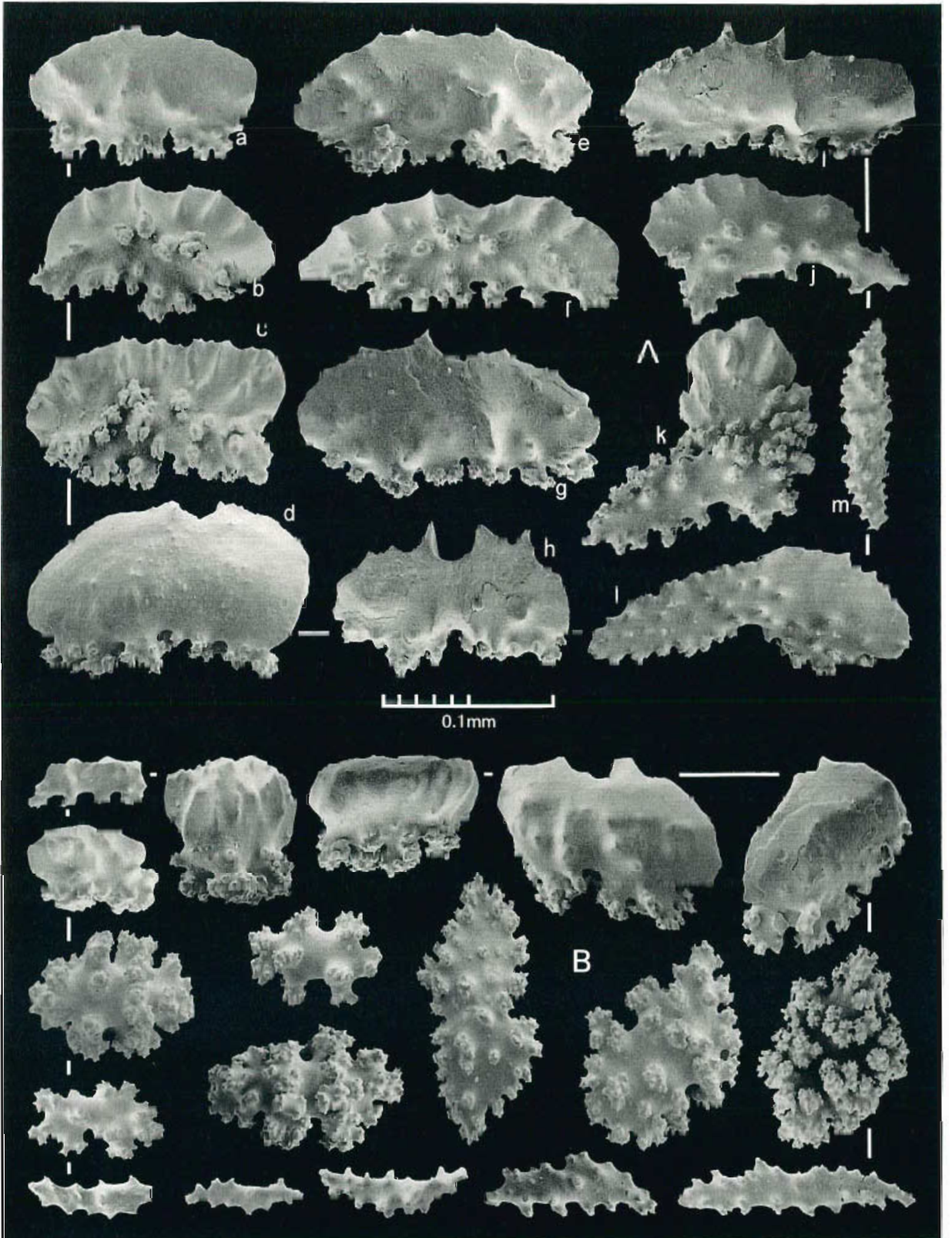


Fig. 238. *Zignisis alternata* (Utinomi, 1975), holotype, sclerites: A. Polyp body; B. Branch coenenchyme.

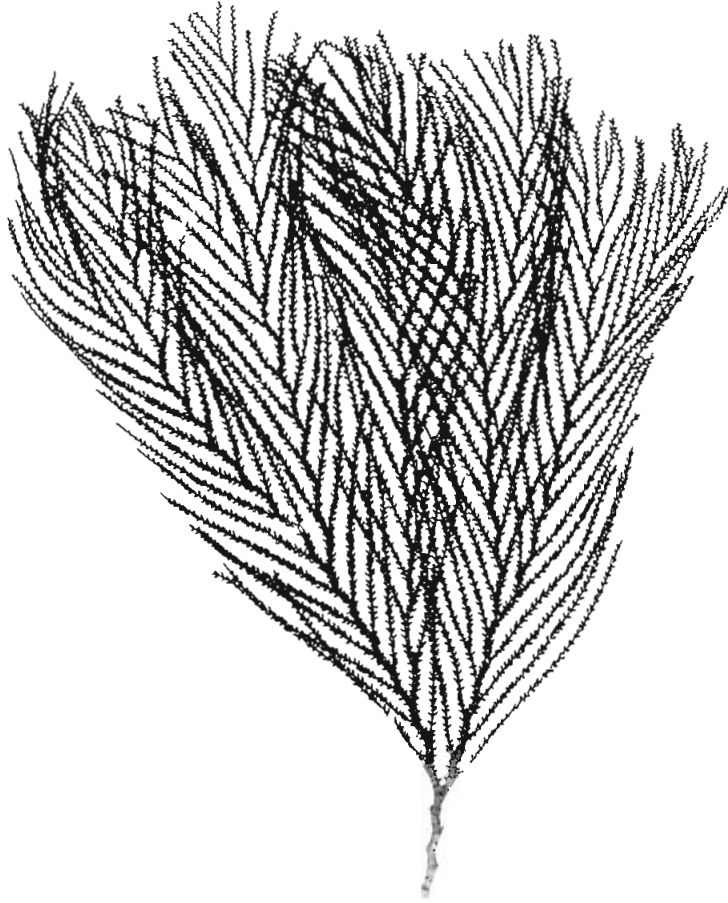


Fig. 239. *Zignisis bifoliata* n.sp., holotype, natural size.

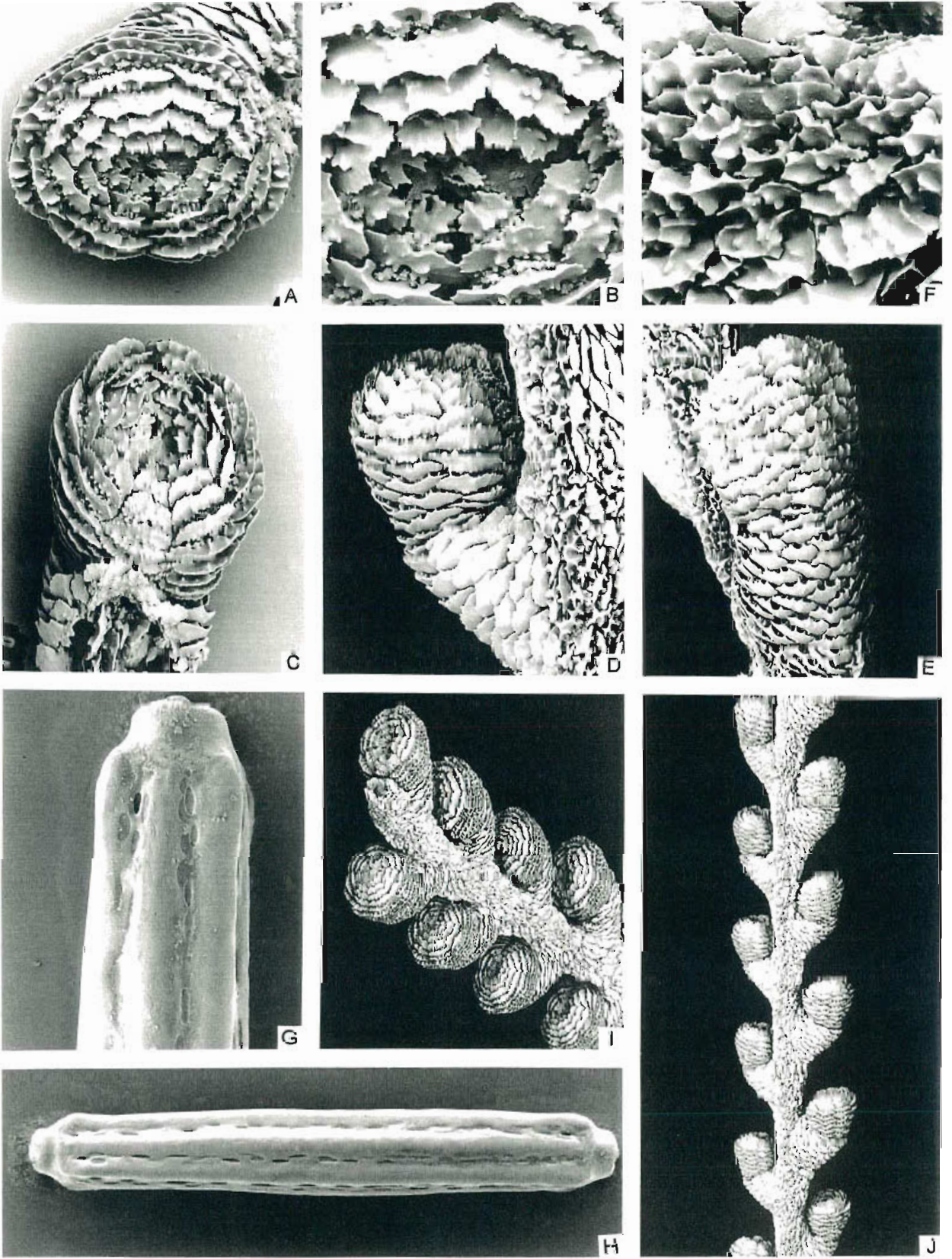


Fig. 240. *Zignisis bifoliata* n.sp., holotype: A-E. Polyps; F. Coenenchyme; G-H. Axial internodes; I-J. Twig fragments.

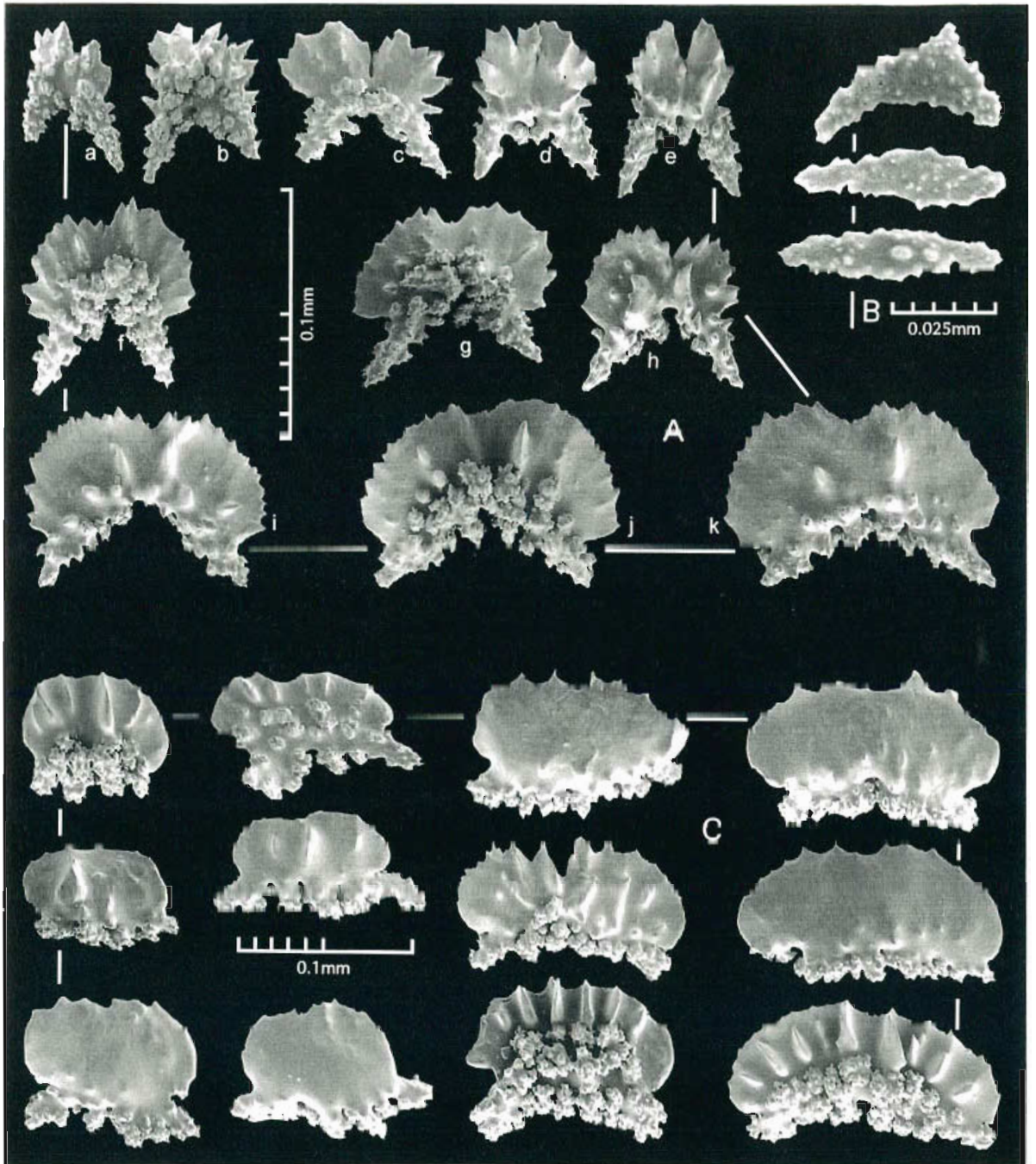


Fig. 241. *Zignisis bifoliata* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body.

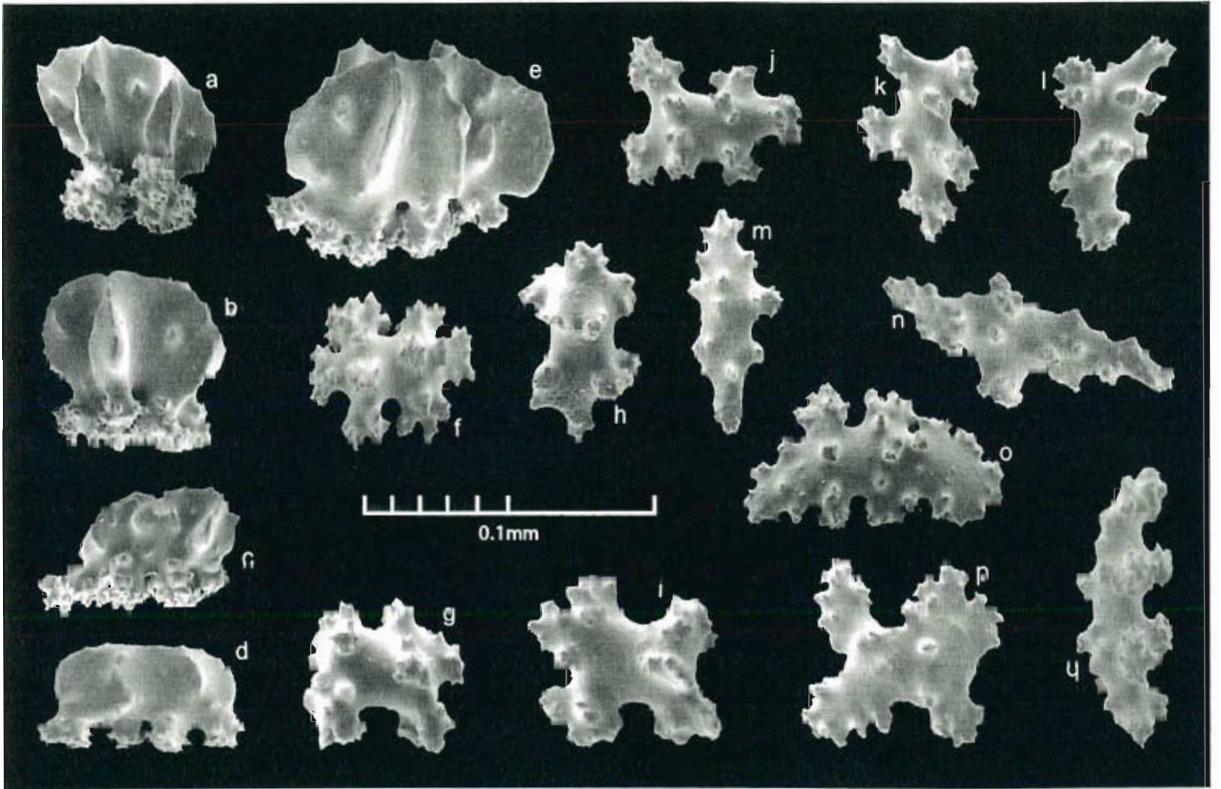


Fig. 242. *Zignisis bifoliata* n.sp., holotype, sclerites: Branch coenenchyme.

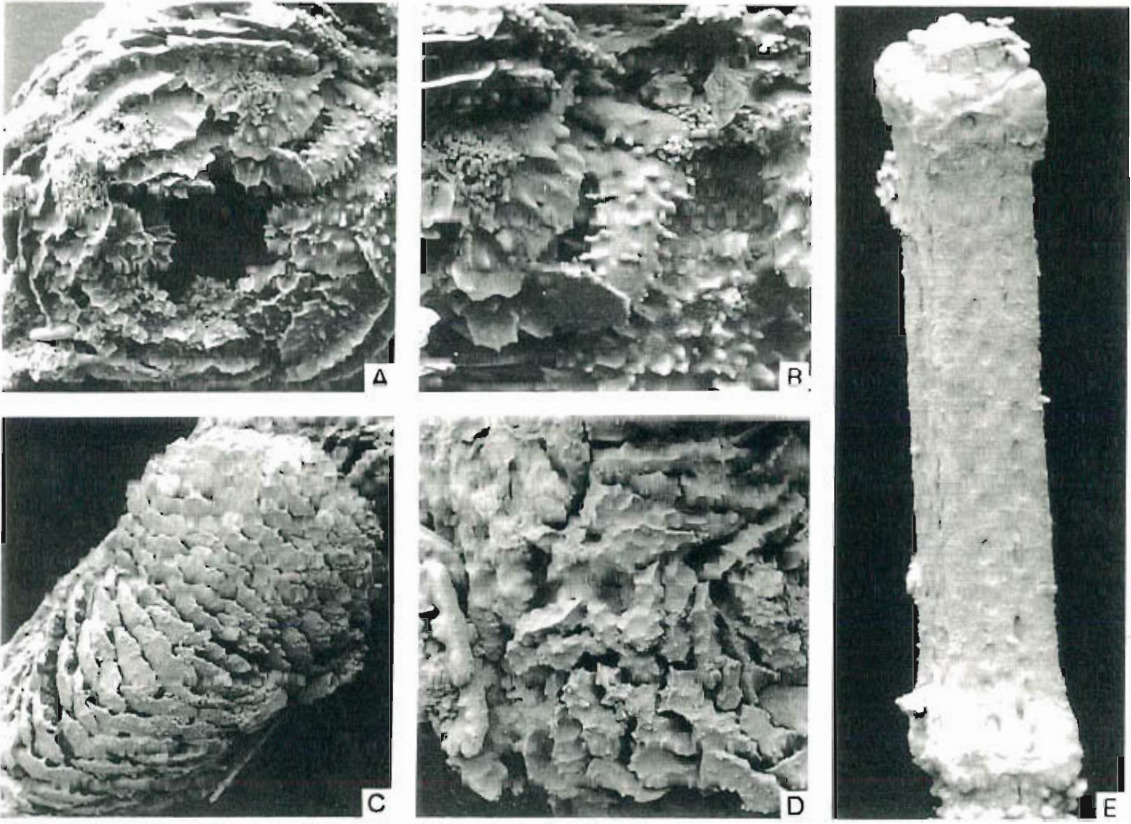


Fig. 243. *Zignisis* sp. indet. Details of Studer's *Mopsea encrinula* specimen obtained by the SMS Gazelle: A. Anthopoma; B. Adaxial octant; C. Polyp; D. Coenenchyme; E. Axial internode.

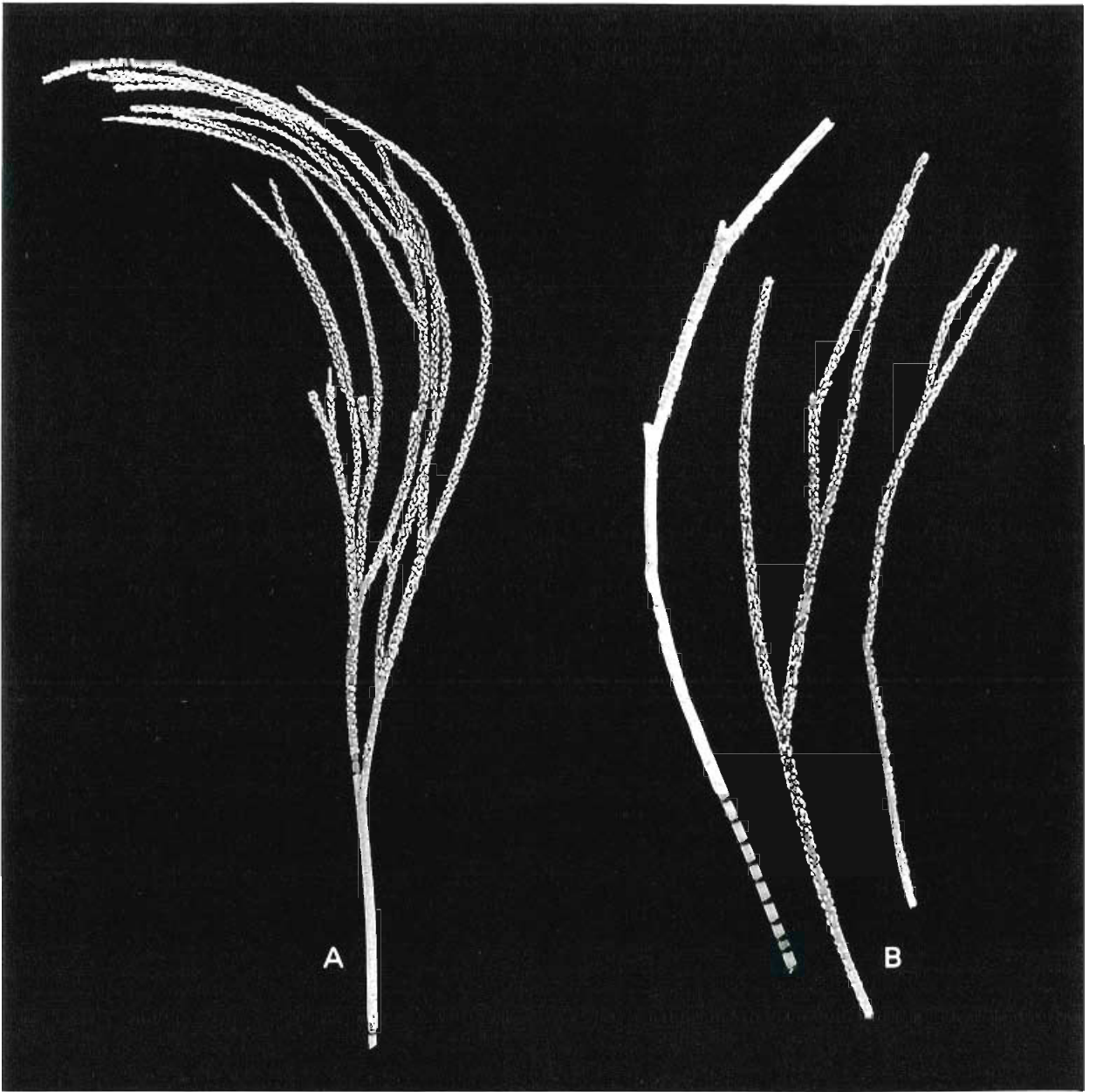


Fig. 244. *Annisis sprightly* n.sp.: A. Holotype; B. Paratype, NTM C2473. Both natural size.

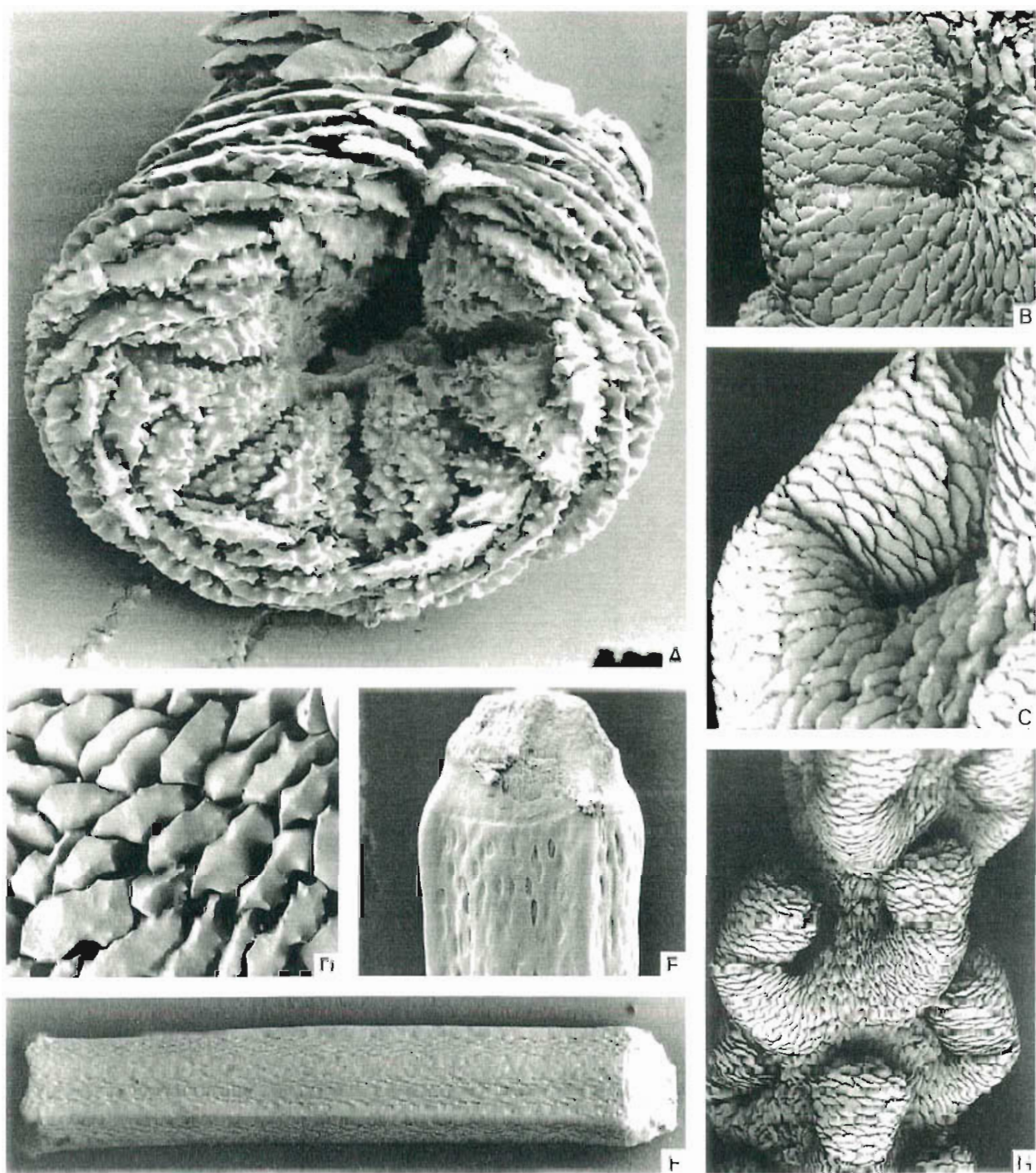


Fig. 245. *Annisis sprightly* n.sp., holotype: A-C. Polyps; D. Coenenchyme; E-F. Axial internodes; G. Twig fragment.

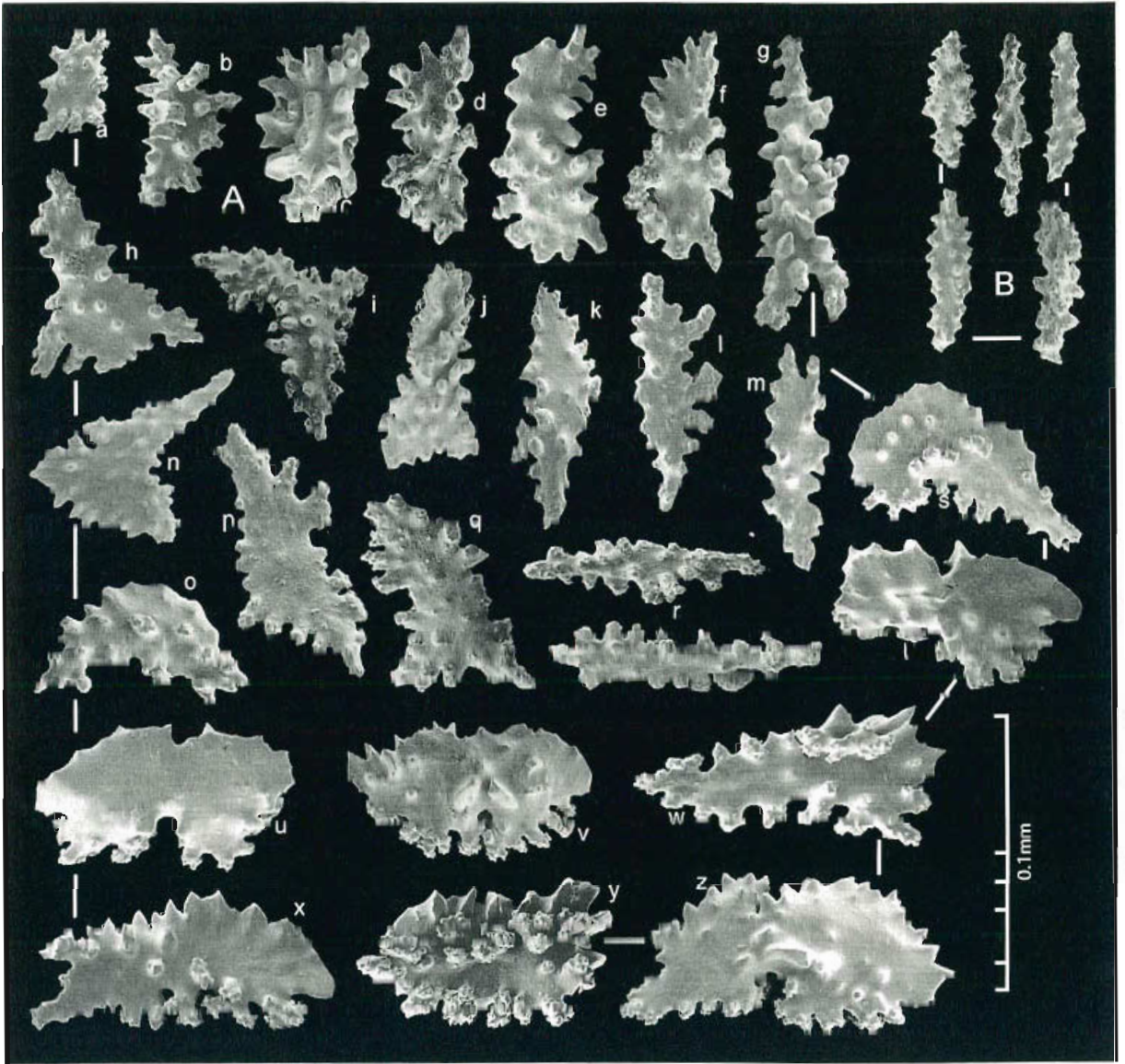


Fig. 246. *Annisis sprightly* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles.

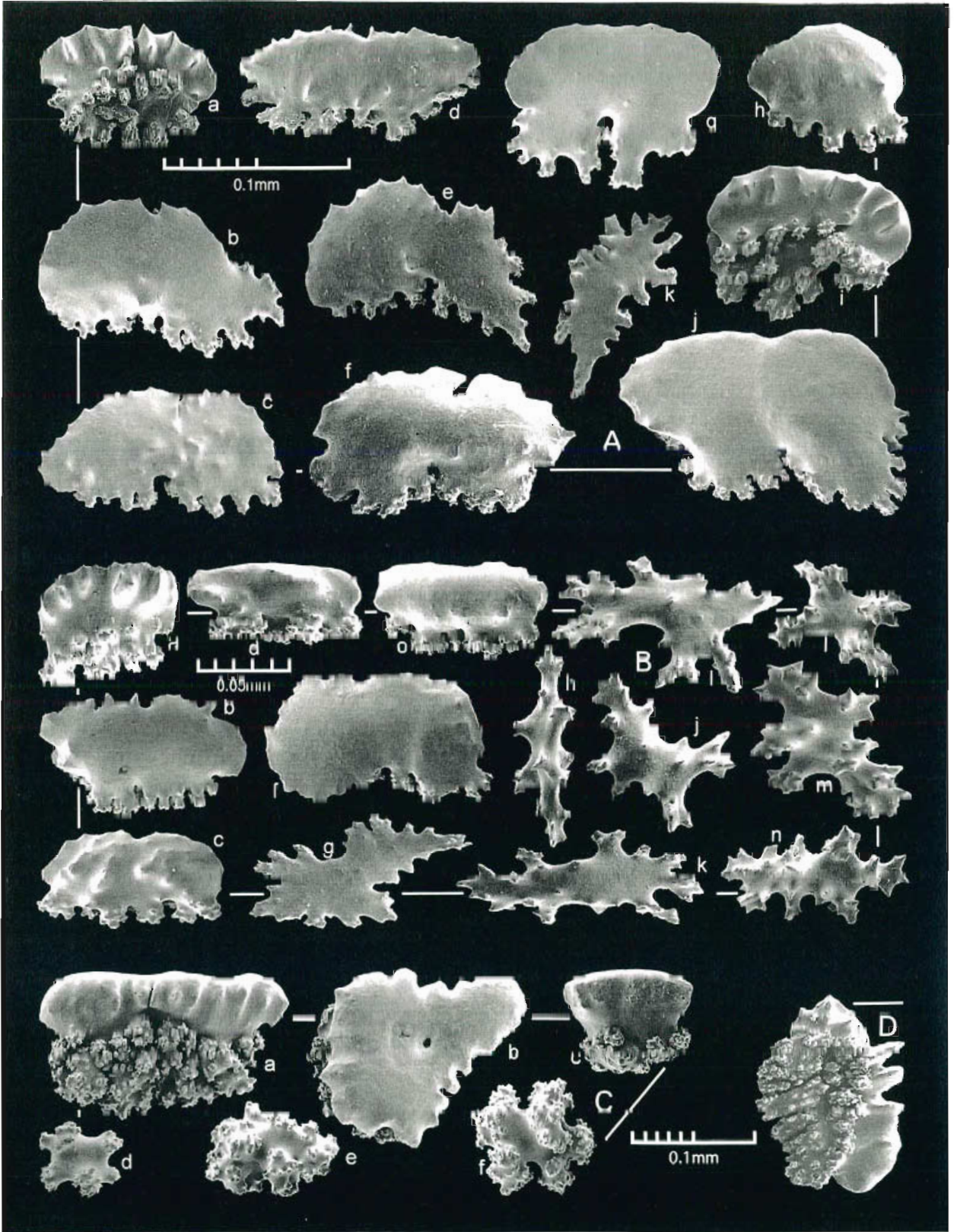


Fig. 247. *Annisis sprightly* n.sp., holotype, sclerites: A. Polyp body; B. Thin branch coenenchyme; C. Primary branch coenenchyme; D. Large scale from polyp base.

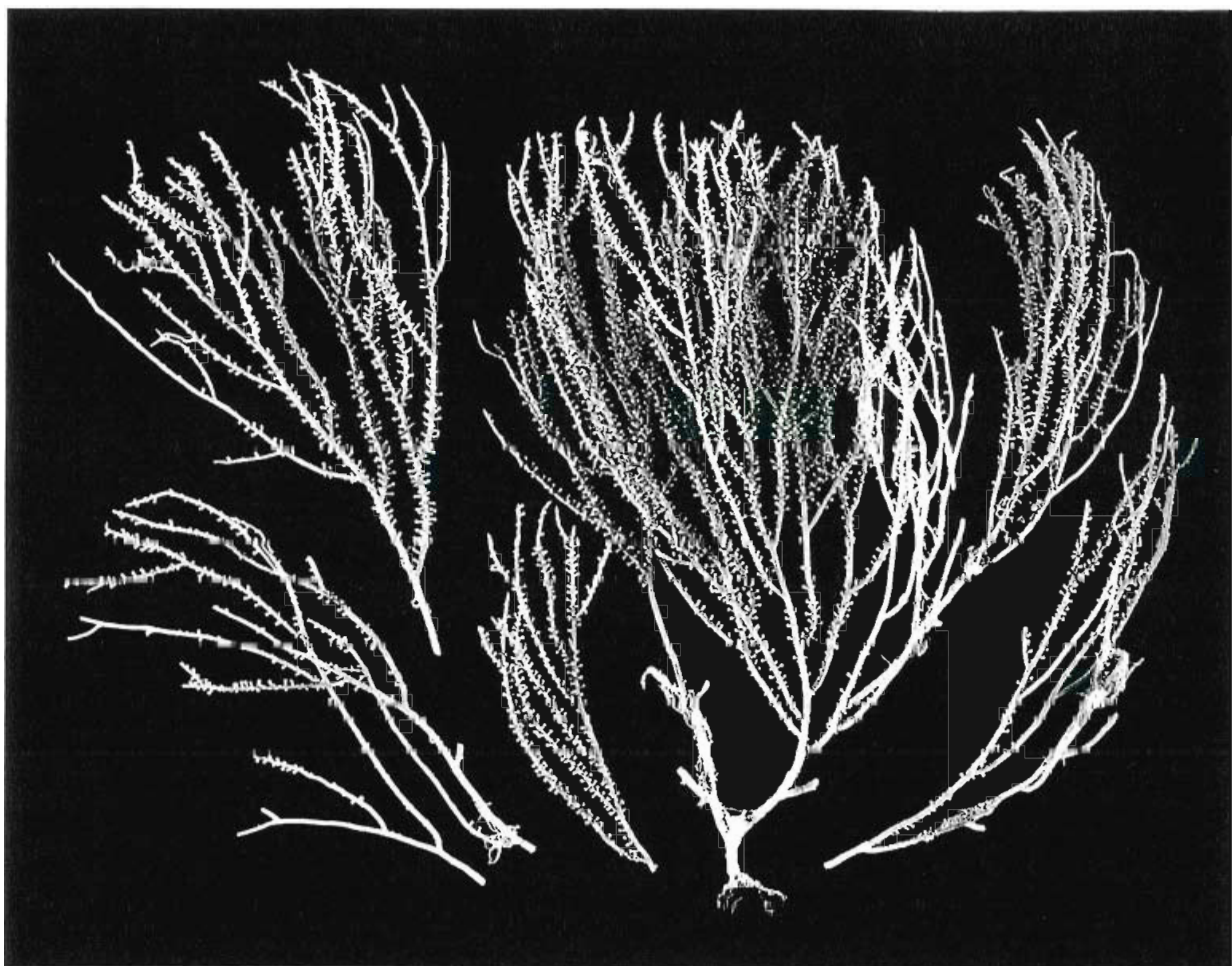


Fig. 248. *Florectisis rosetta* n.sp., holotype, natural size.

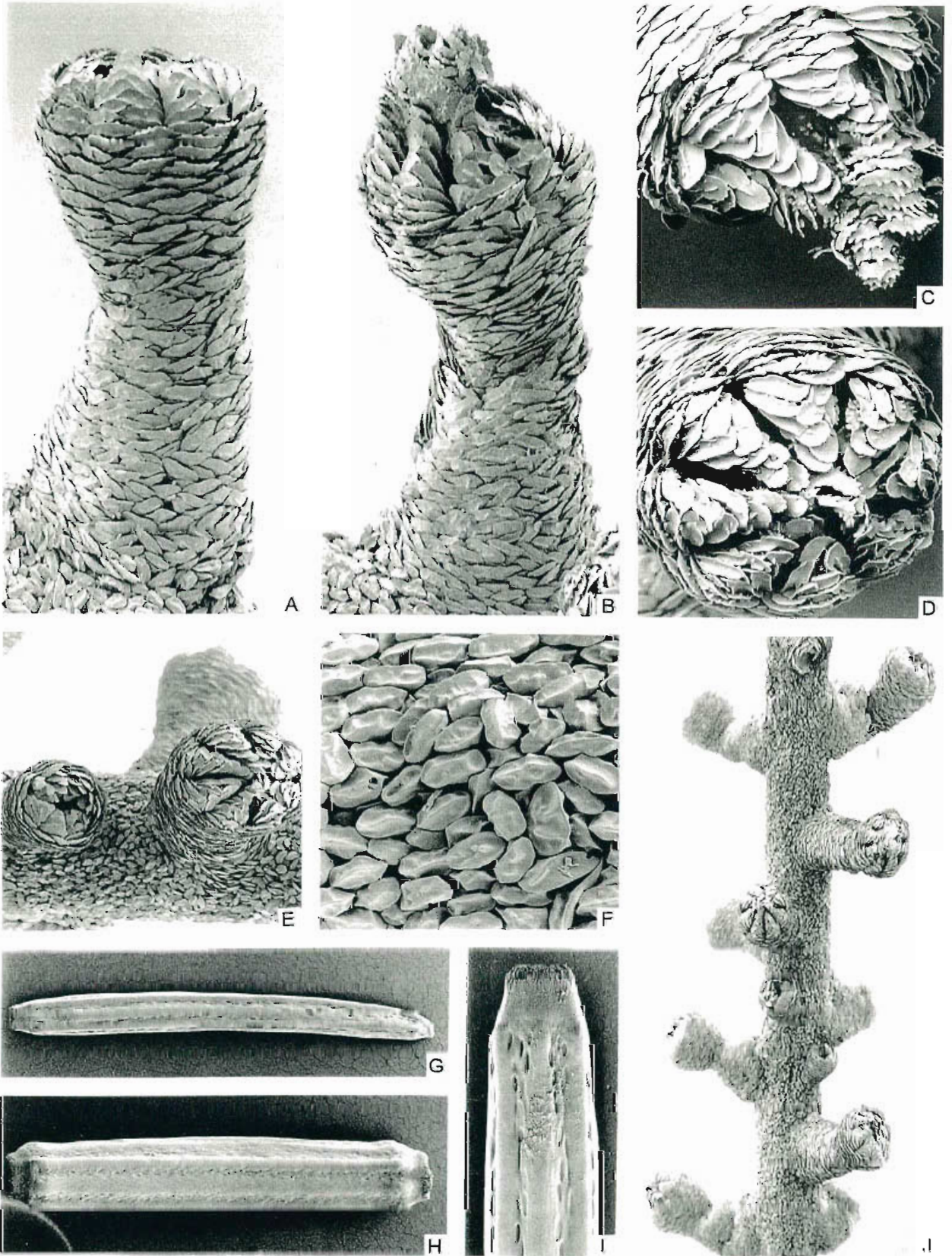


Fig. 249. *Florectisis rosetta* n.sp., holotype: A-E. Polyps; F. Coenenchyme; G-I. Axial internodes; J. Twig fragment.

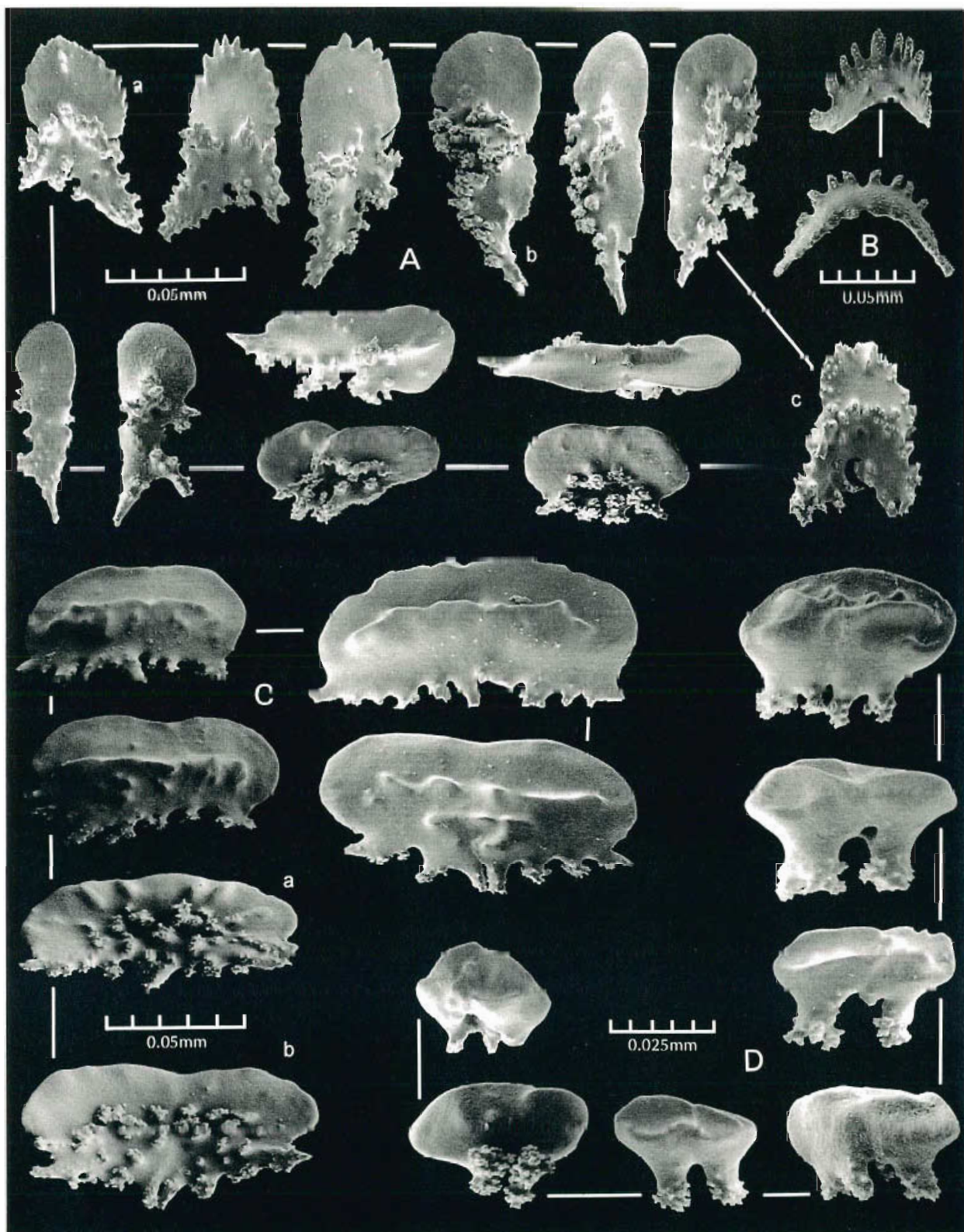


Fig. 250. *Florectisis rosetta* n.sp., holotype, sclerites: A. Anthopoma; B. Tentacles; C. Polyp body; D. Twig coenenchyme.

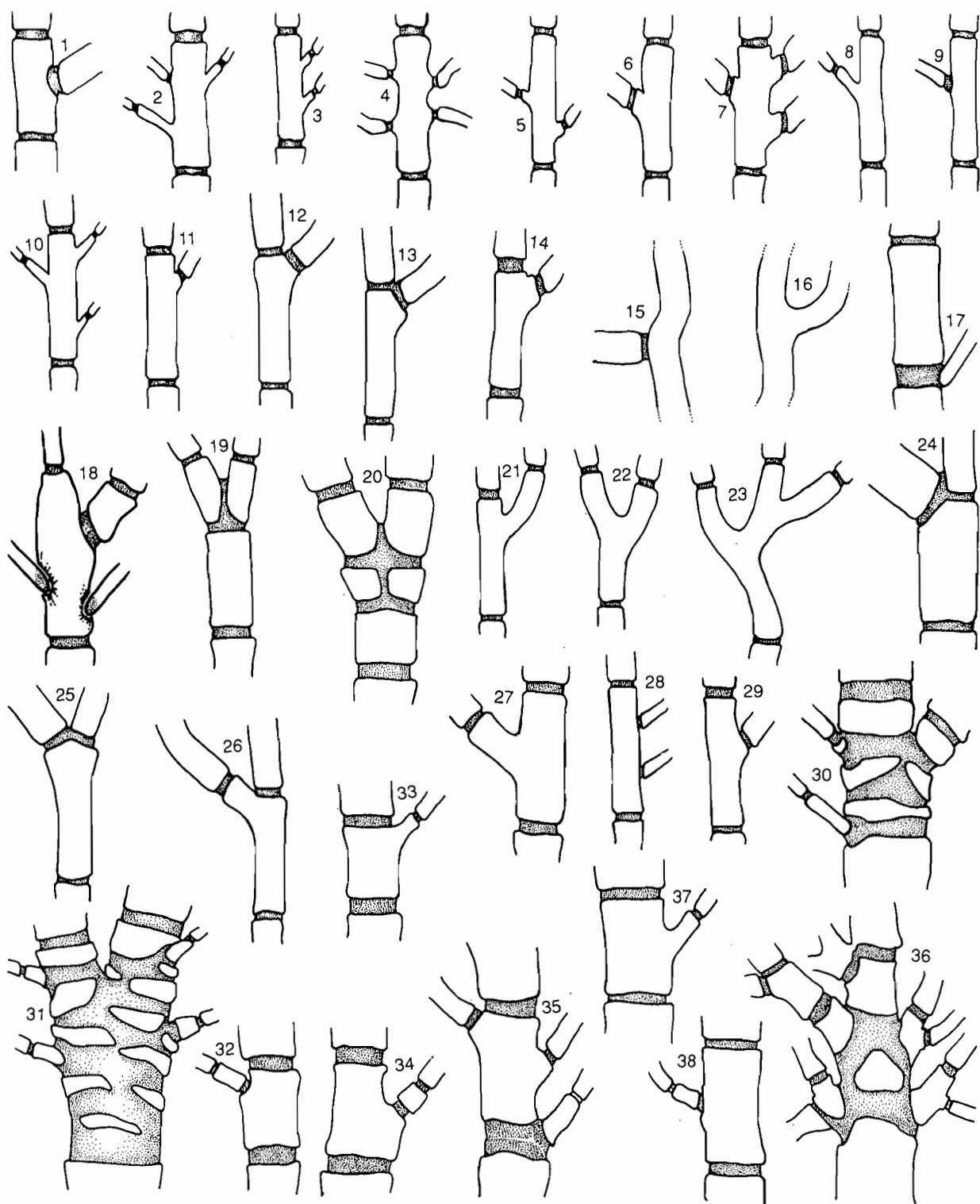
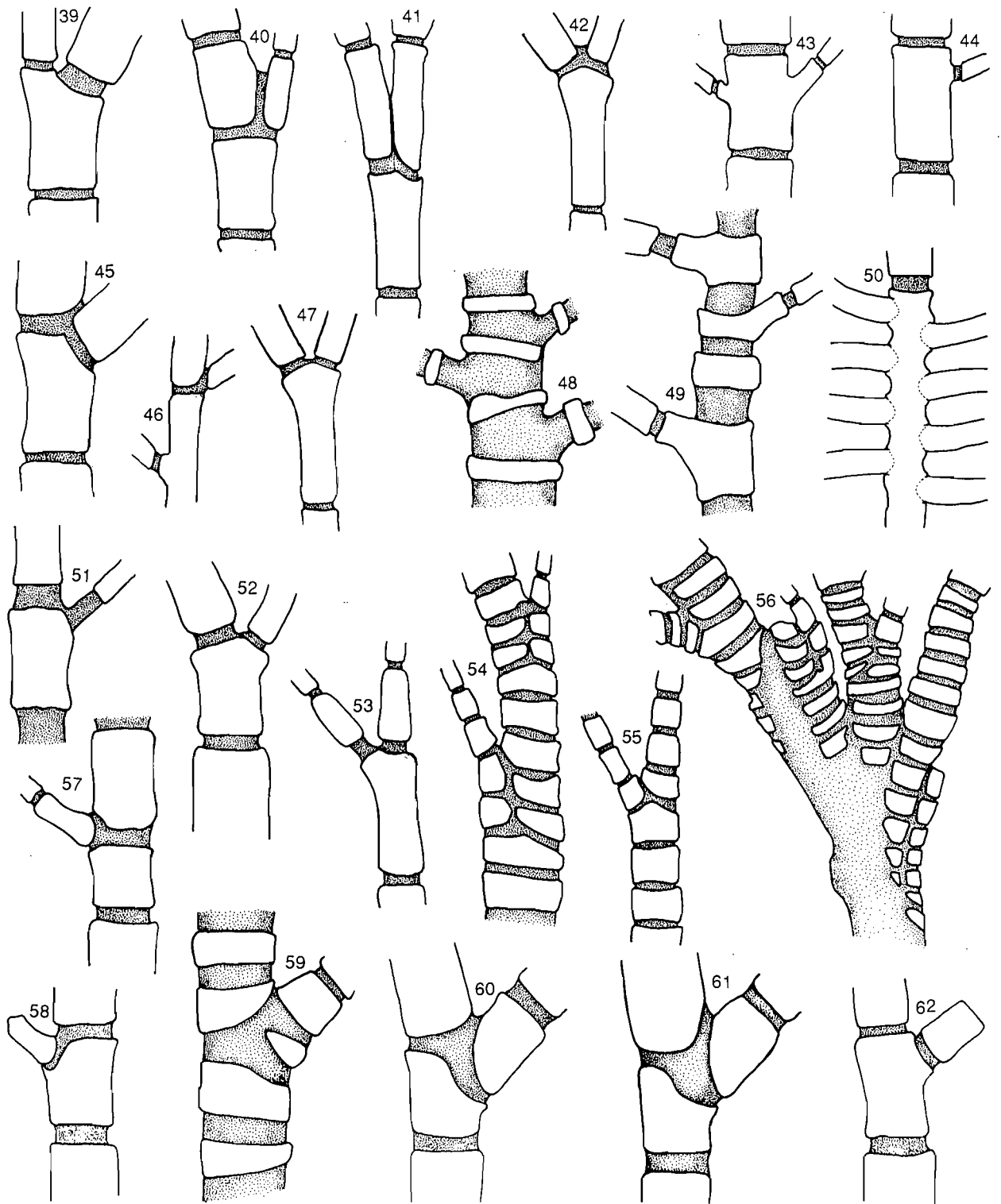


Fig. 251. Modes of axial branching, (continued over page).



(Fig.251. continued)

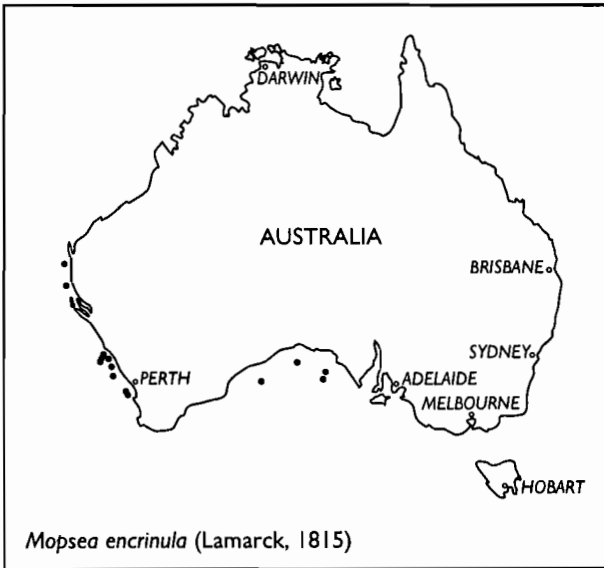


Fig. 252.

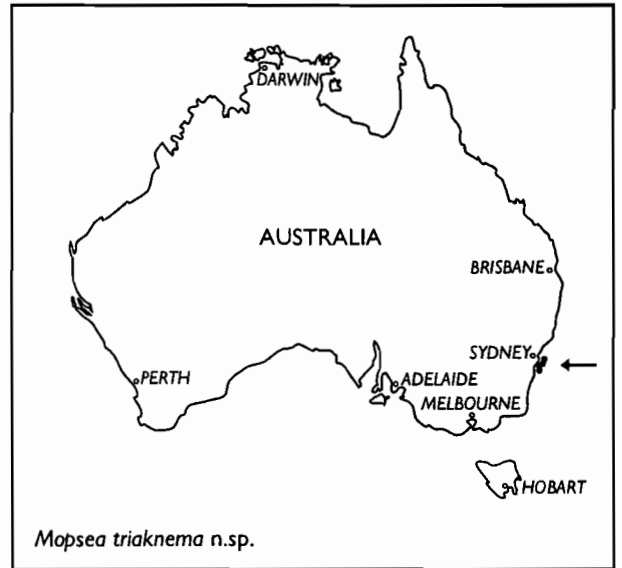


Fig. 253.

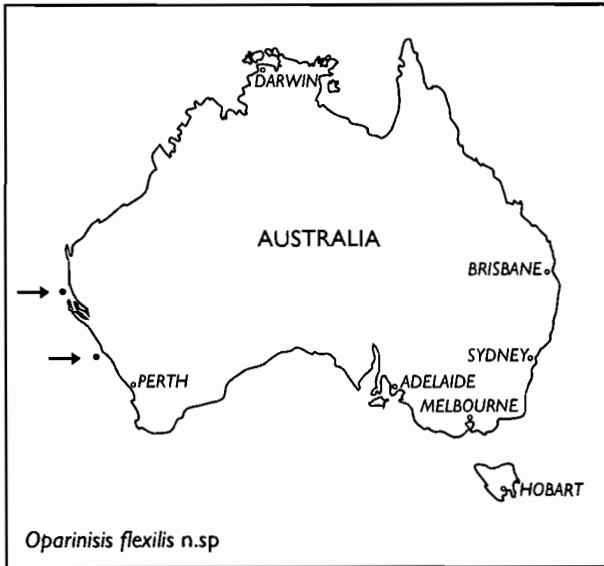


Fig. 254.

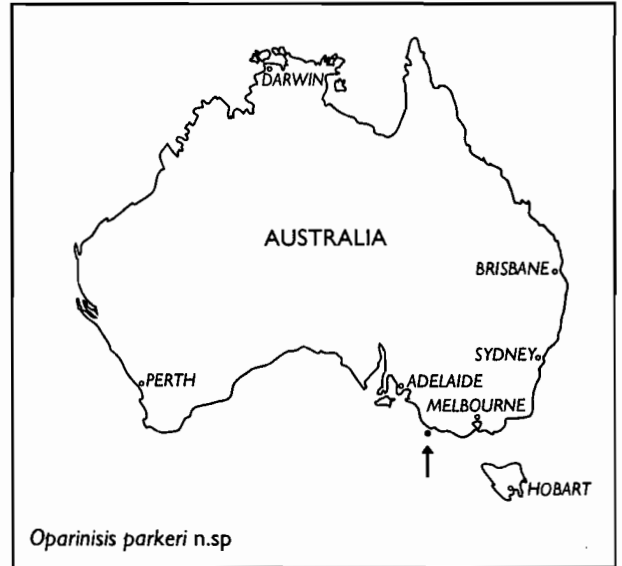


Fig. 255.

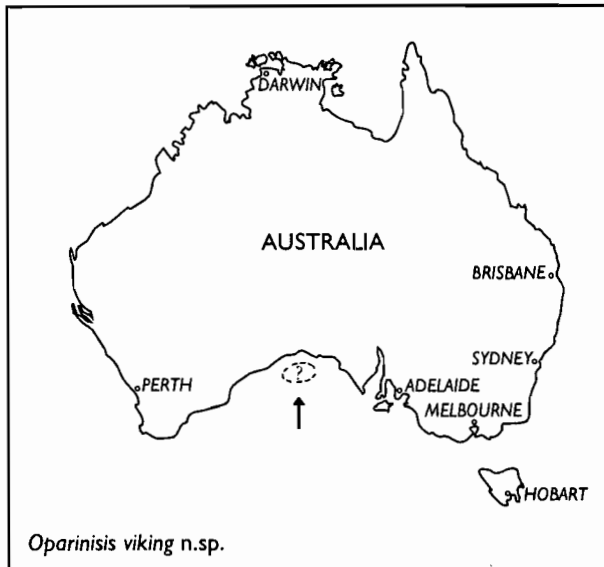


Fig. 256.

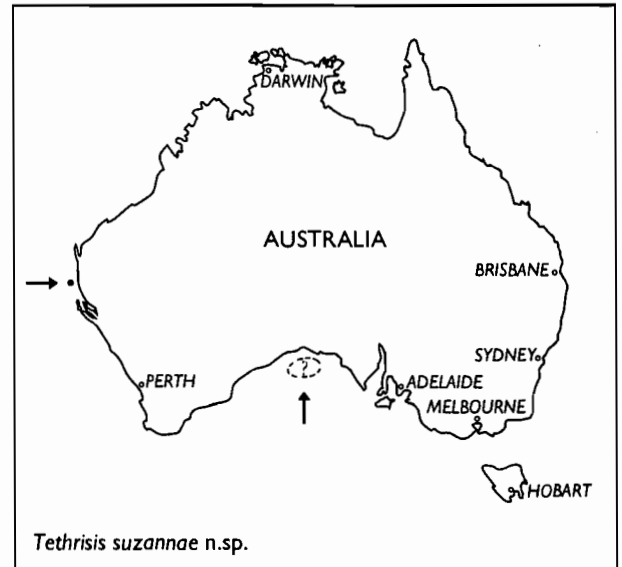


Fig. 257.

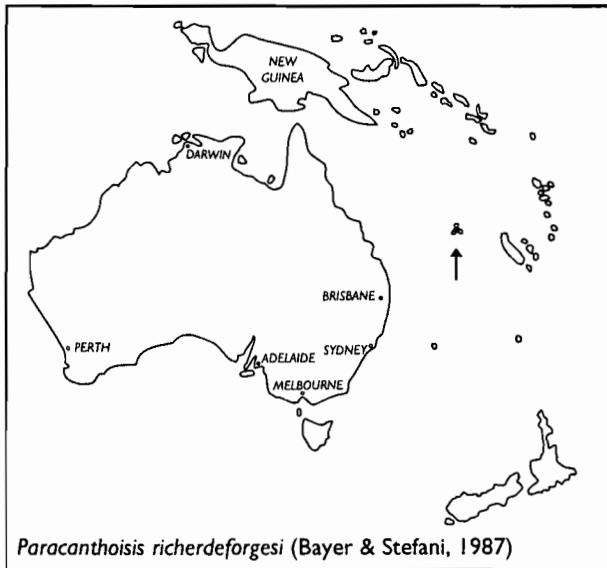


Fig. 258.

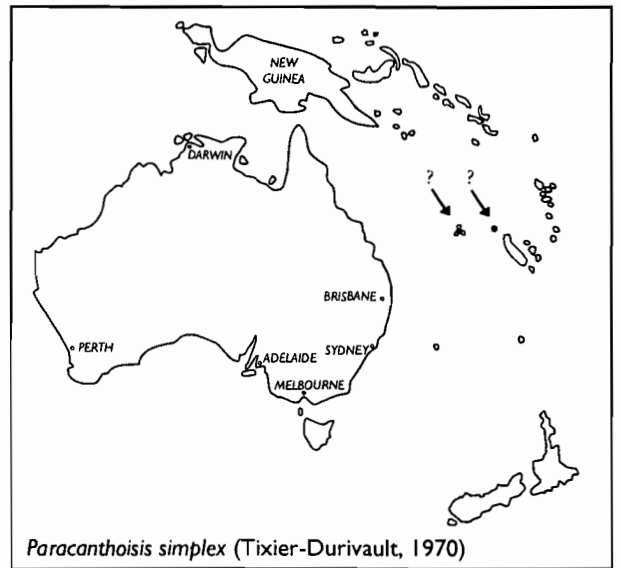


Fig. 259.

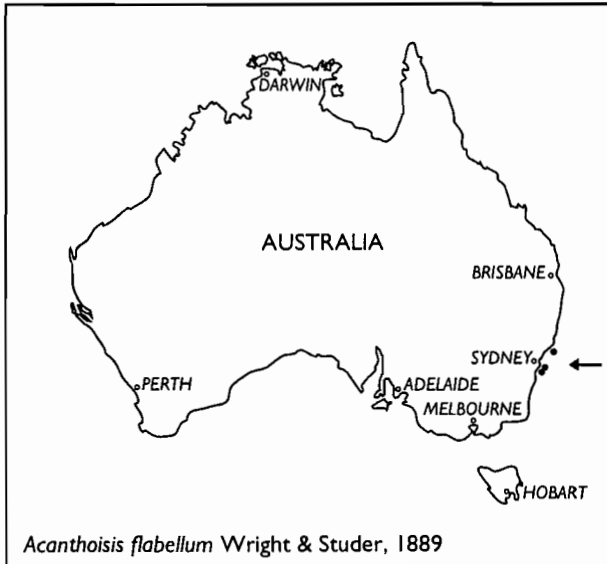


Fig. 260.

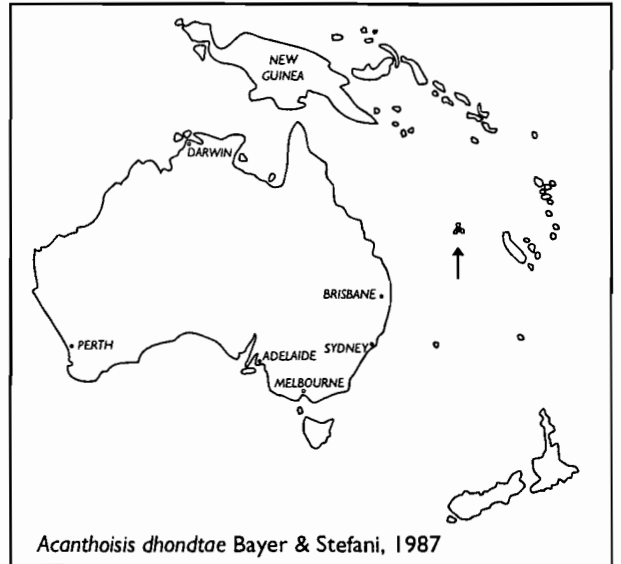


Fig. 261.

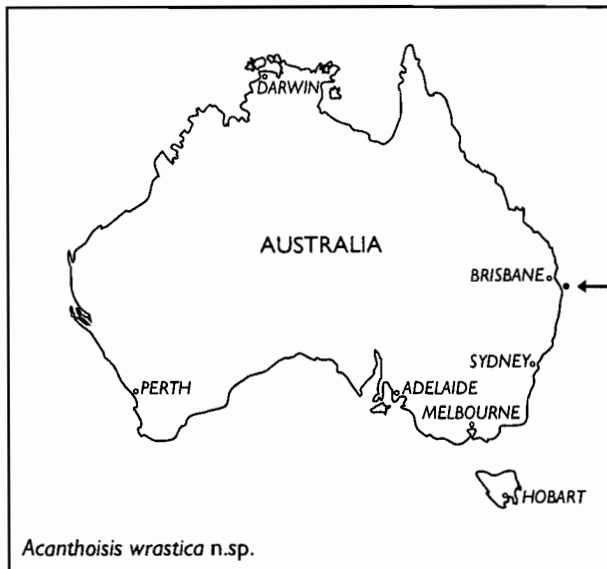


Fig. 262.



Fig. 263.

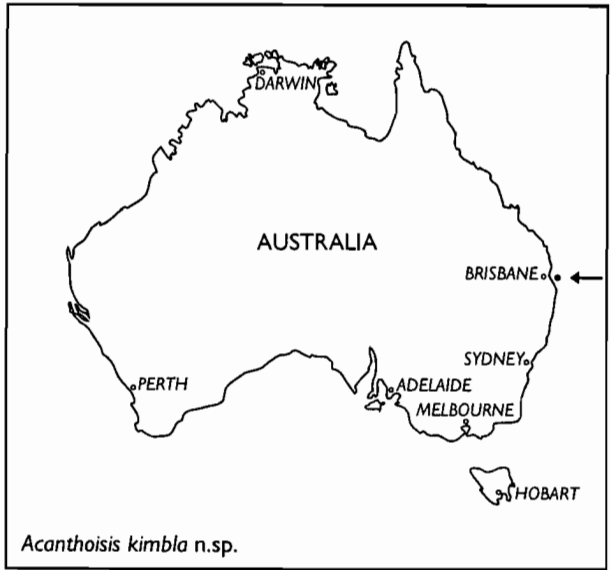


Fig. 264.

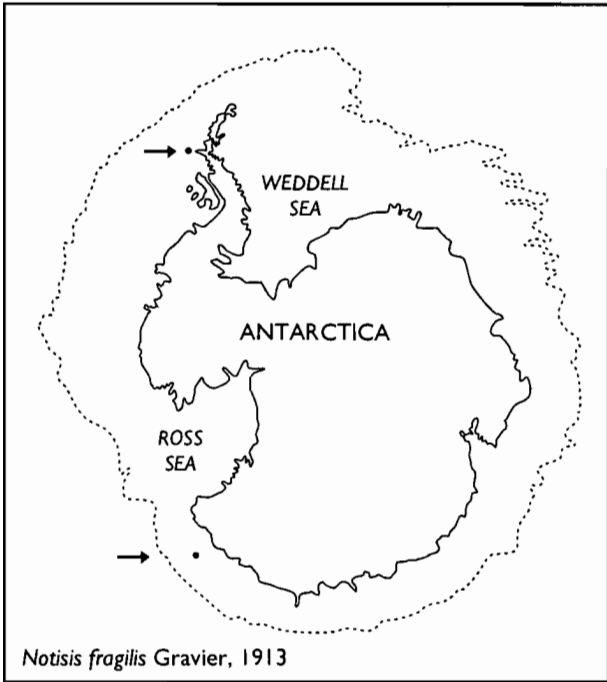


Fig. 265.

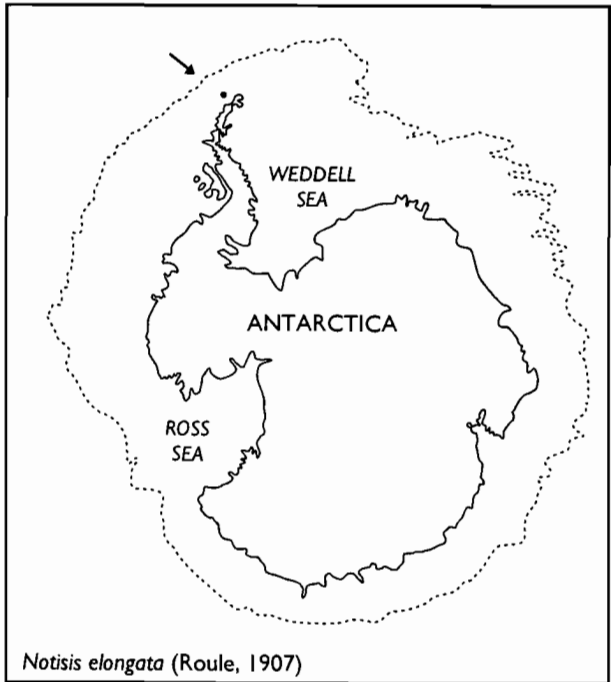


Fig. 266.

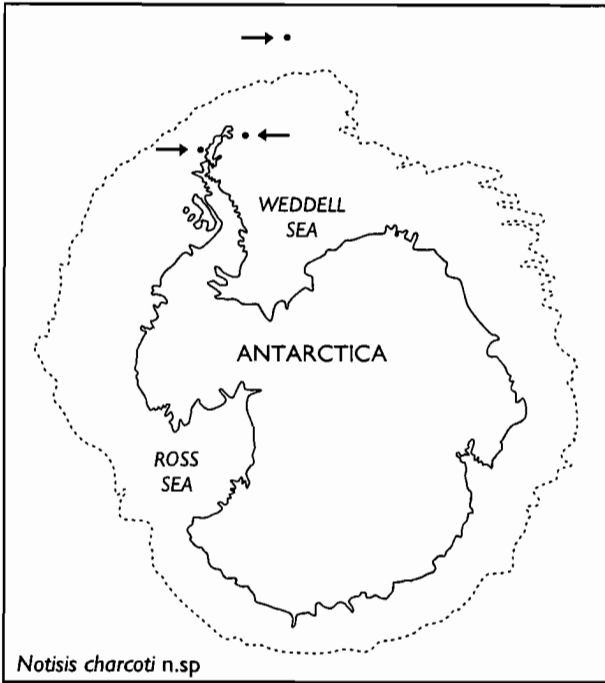


Fig. 267.

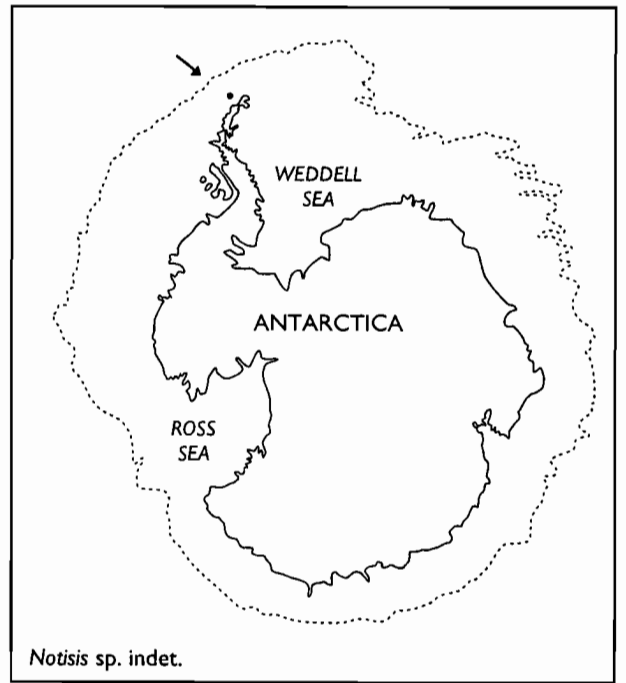


Fig. 268.

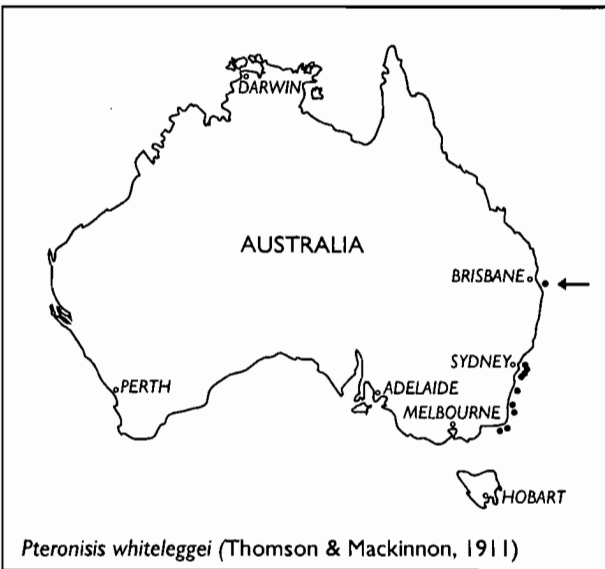


Fig. 269.

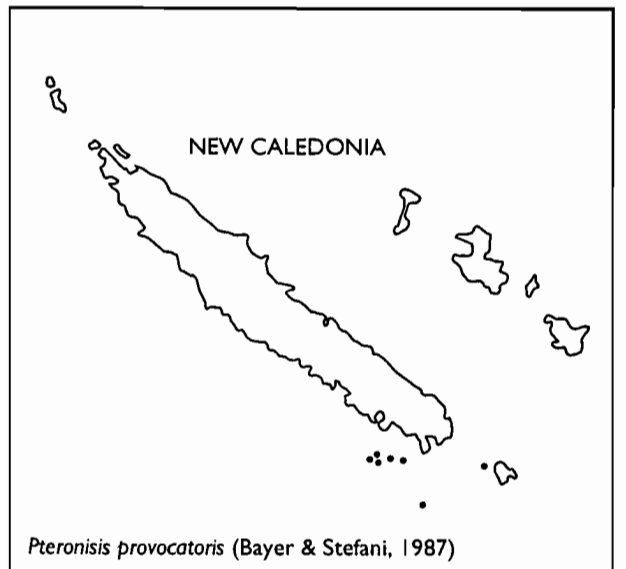


Fig. 270.

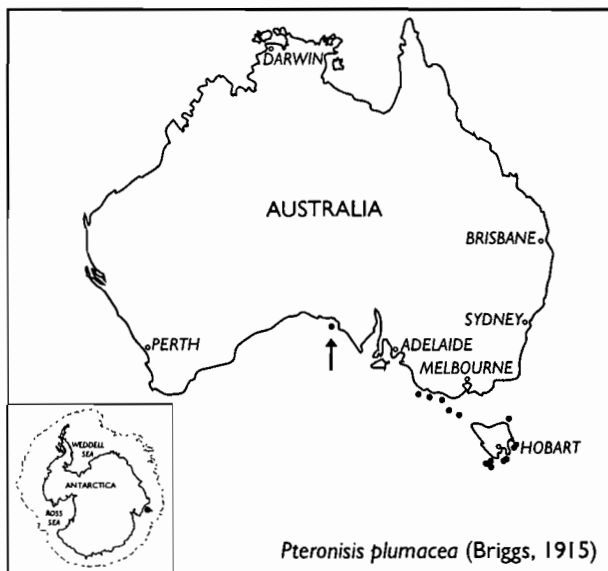


Fig. 271.

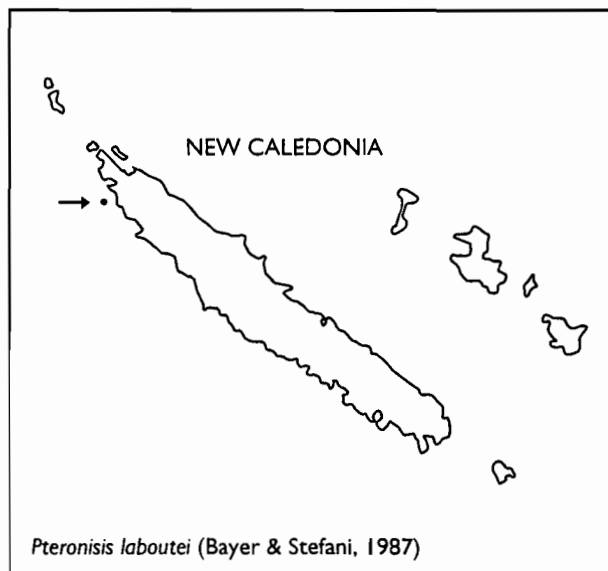


Fig. 272.

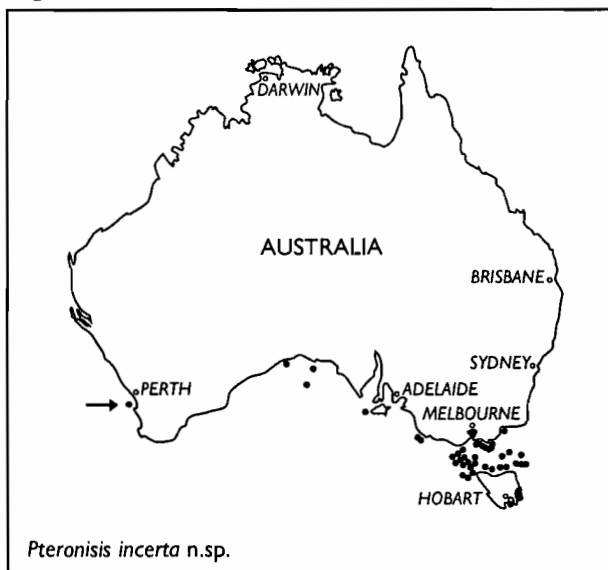


Fig. 273.



Fig. 274.

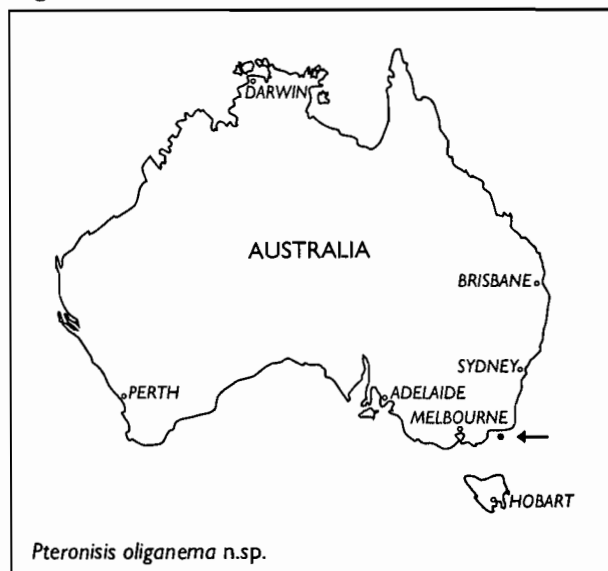


Fig. 275.

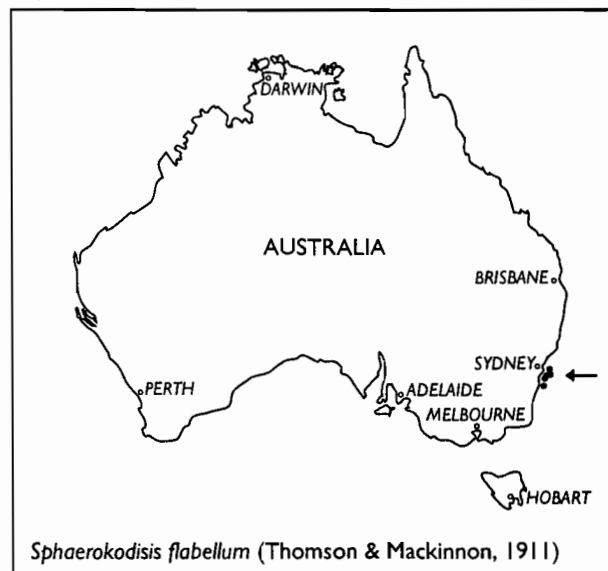


Fig. 276.

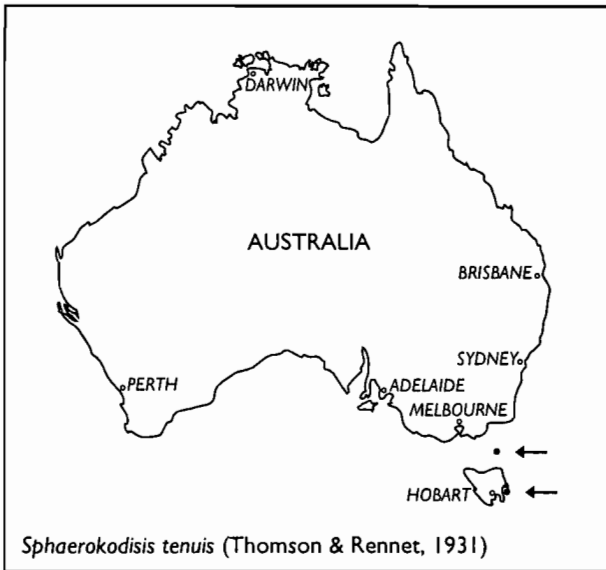


Fig. 277.

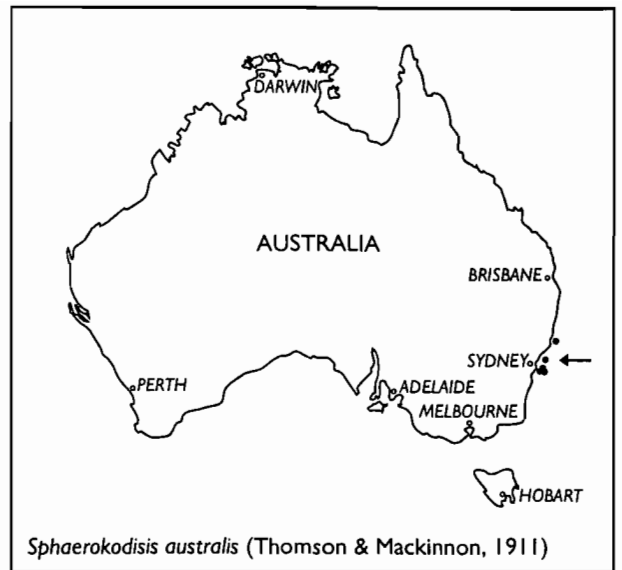


Fig. 278.

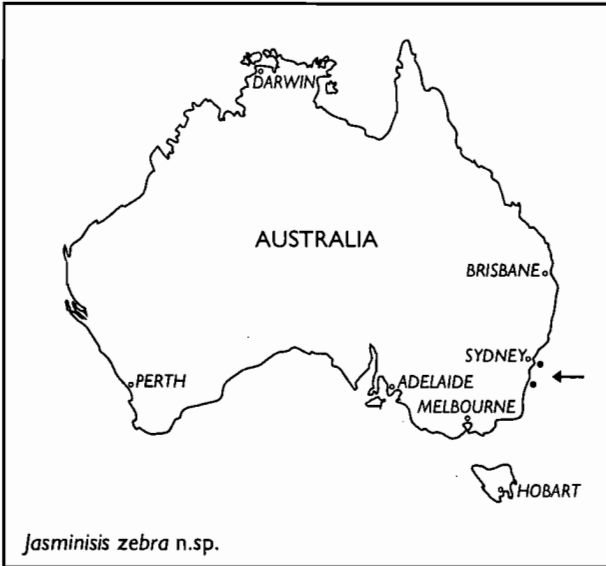


Fig. 279.

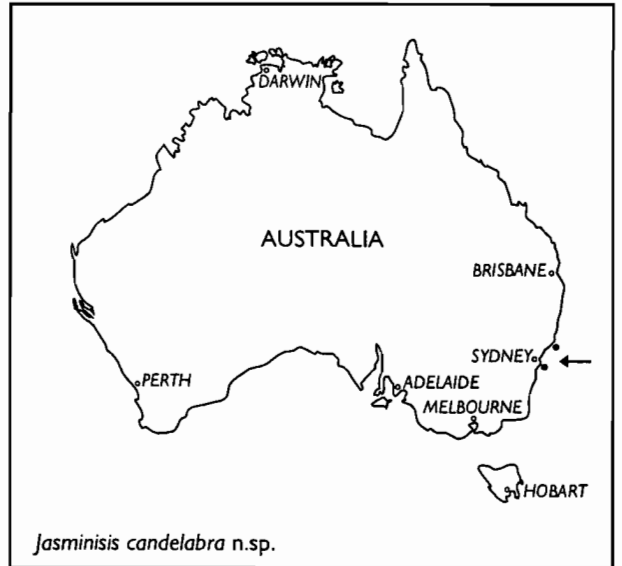


Fig. 280.

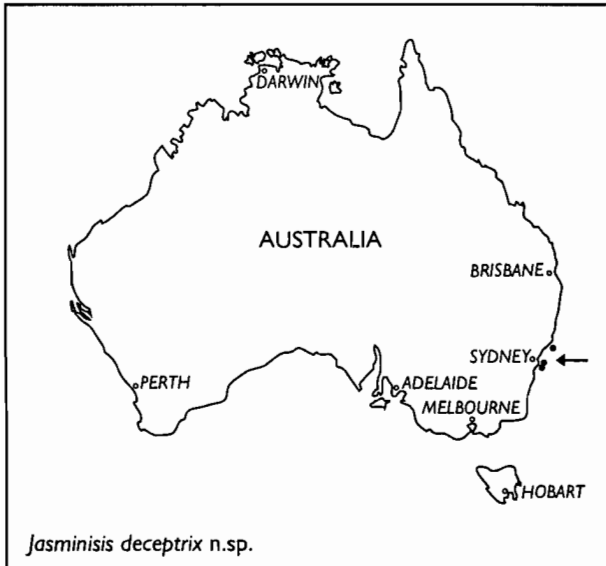


Fig. 281.

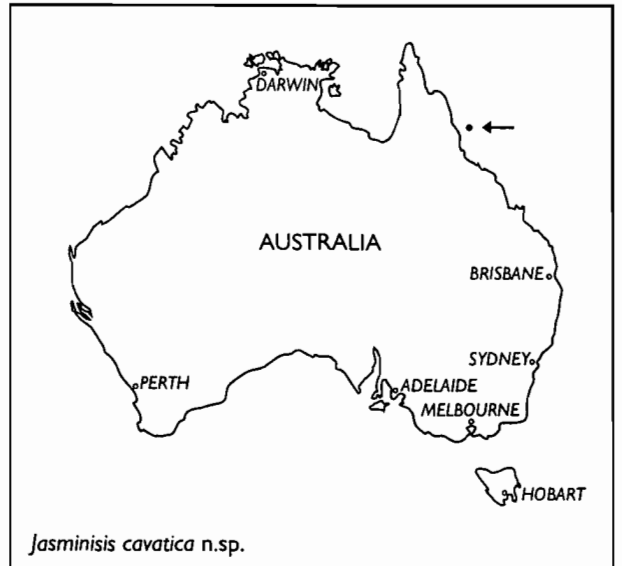


Fig. 282.

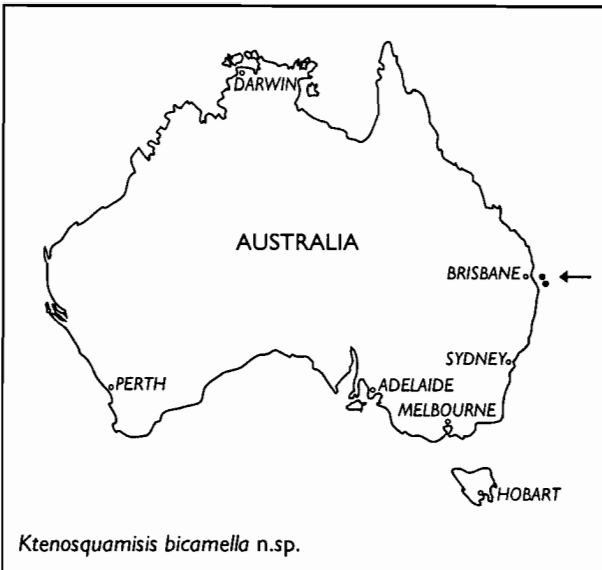


Fig. 283.

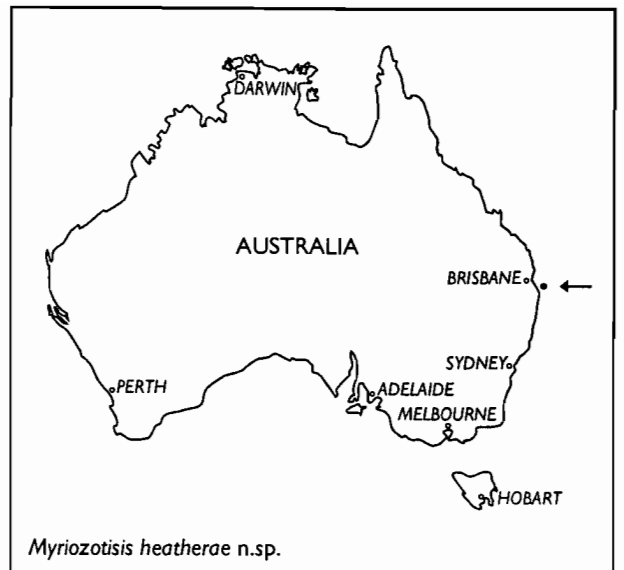


Fig. 284.

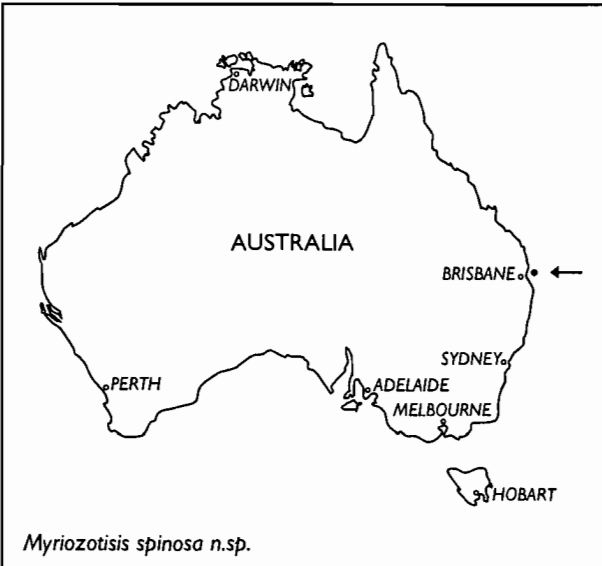


Fig. 285.

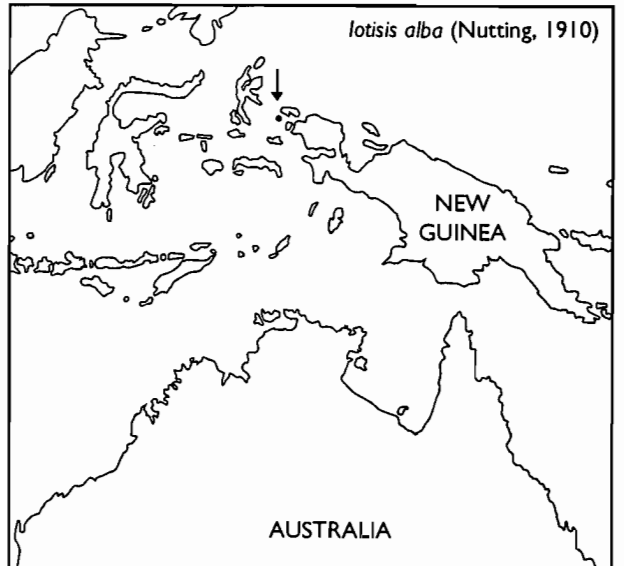


Fig. 286.

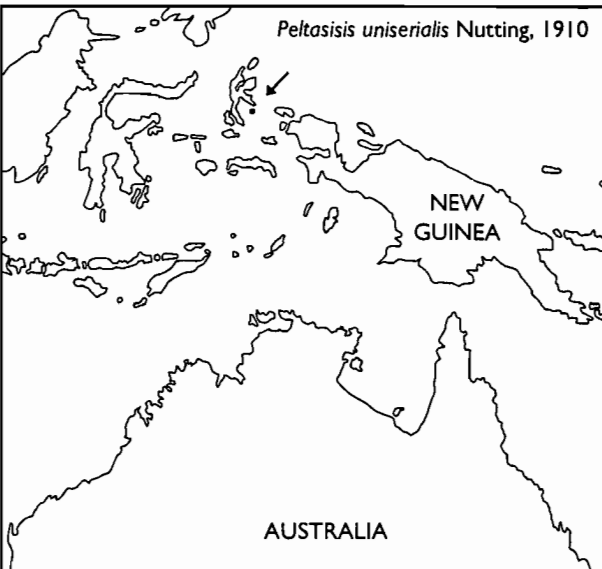


Fig. 287.

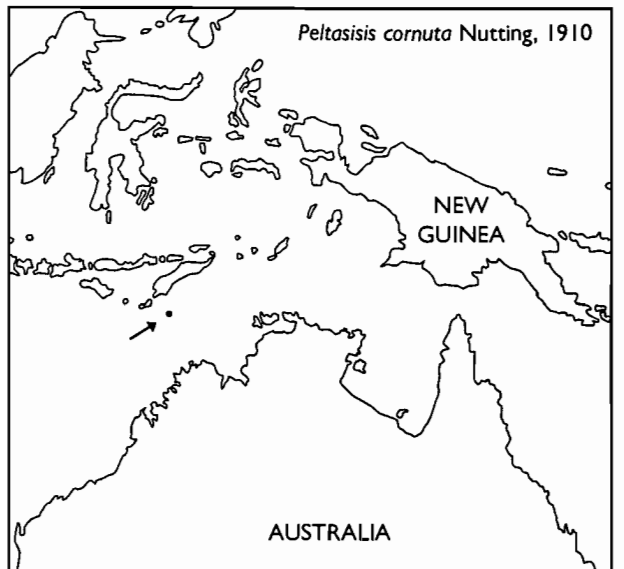


Fig. 288.

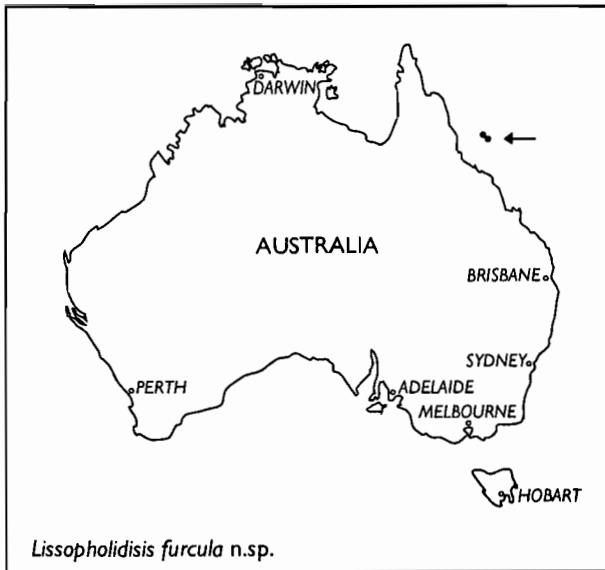


Fig. 289.

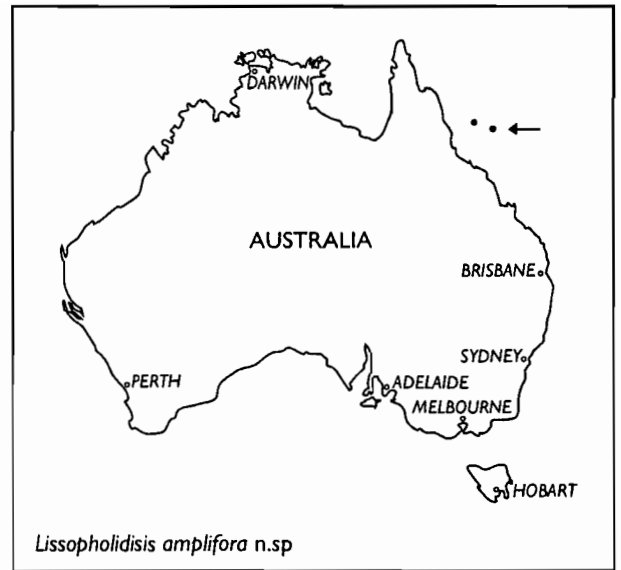


Fig. 290.

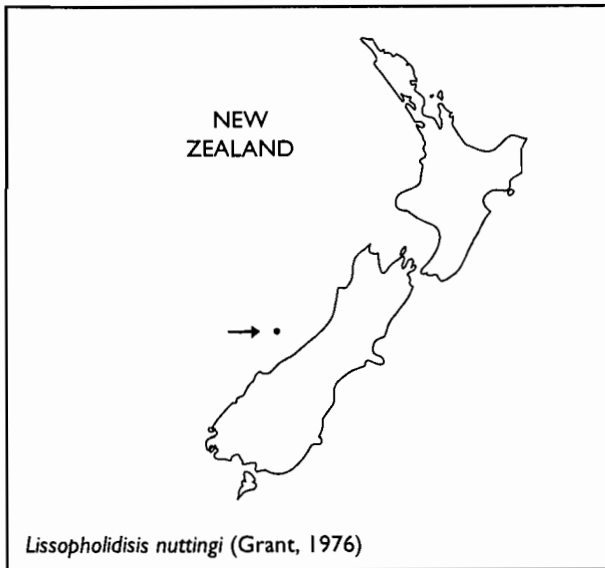


Fig. 291.

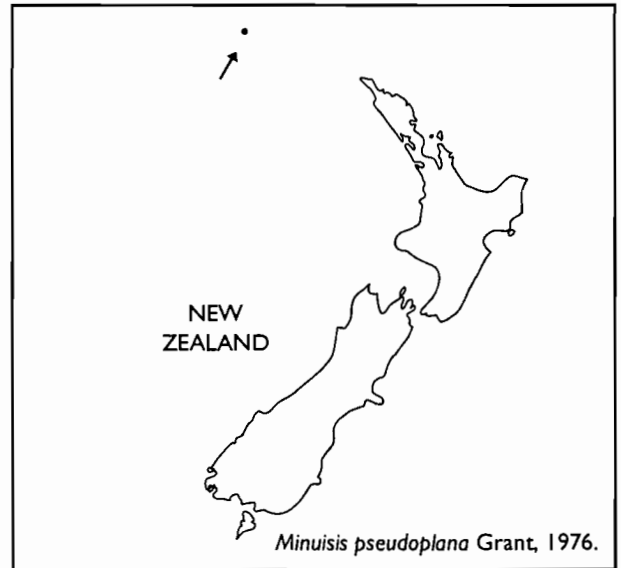


Fig. 292.

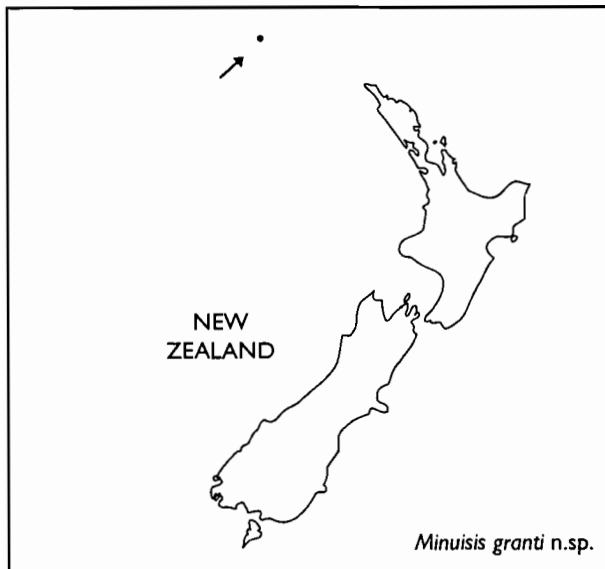


Fig. 293.

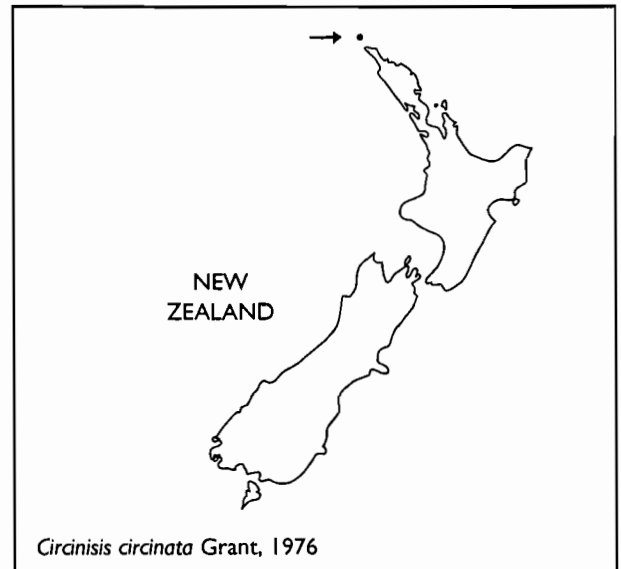


Fig. 294.

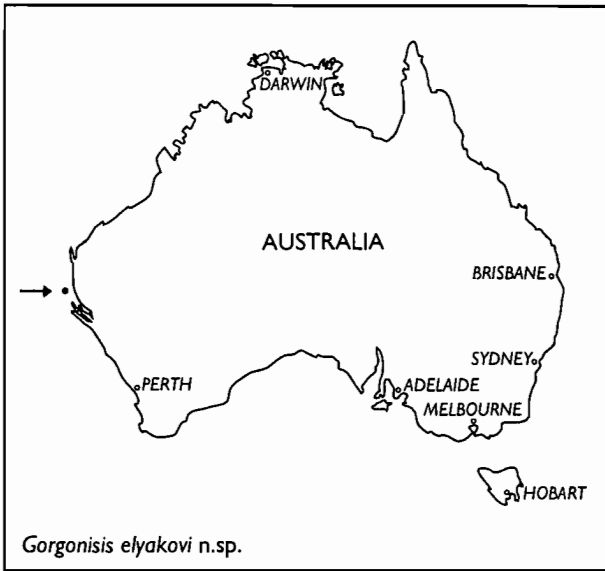


Fig. 295.

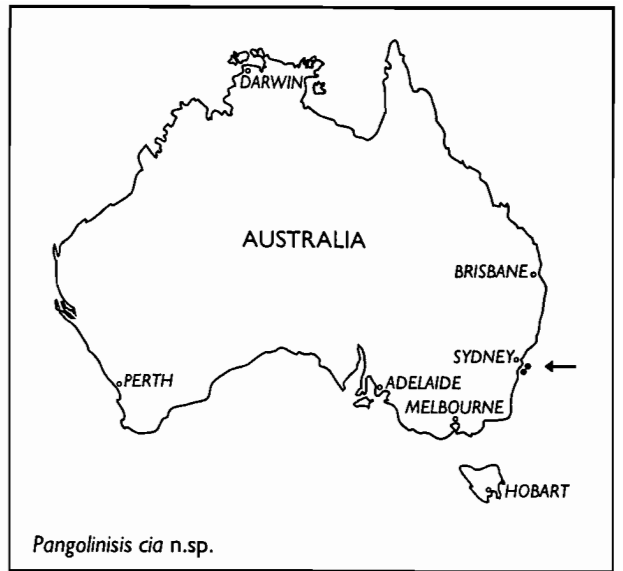


Fig. 296.



Fig. 297.



Fig. 298.

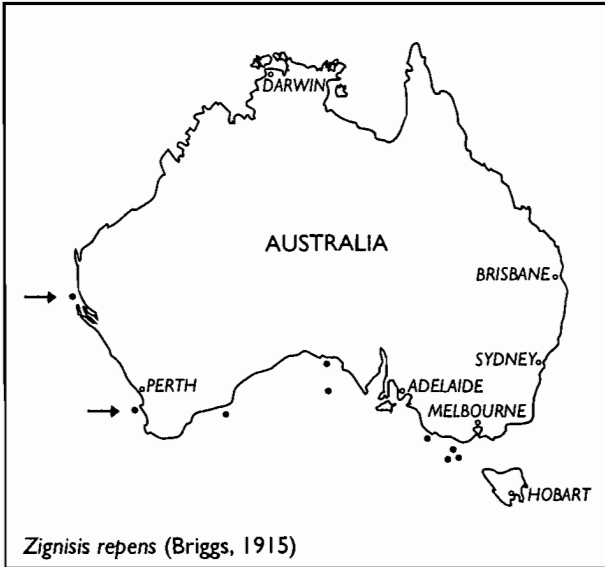


Fig. 299.

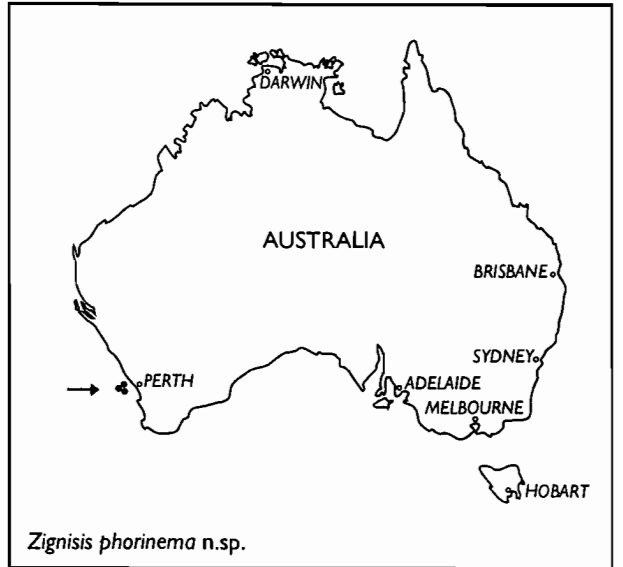


Fig. 300.

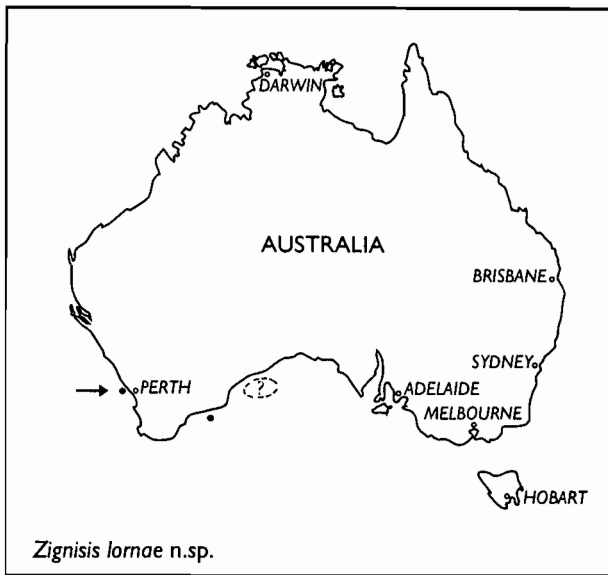


Fig. 301.

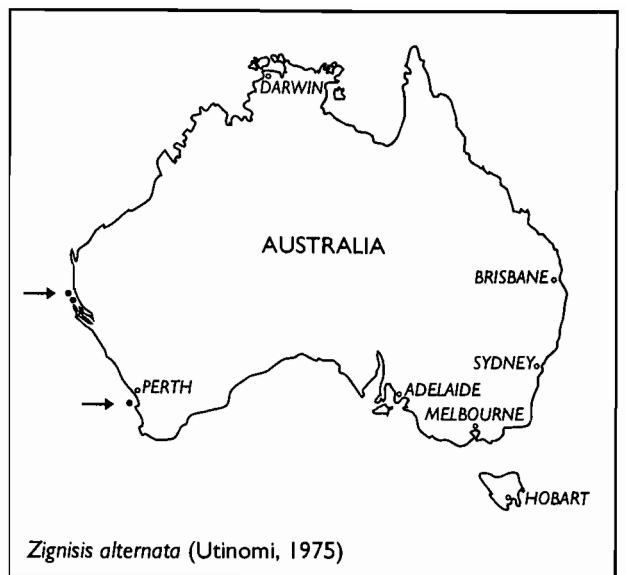


Fig. 302.

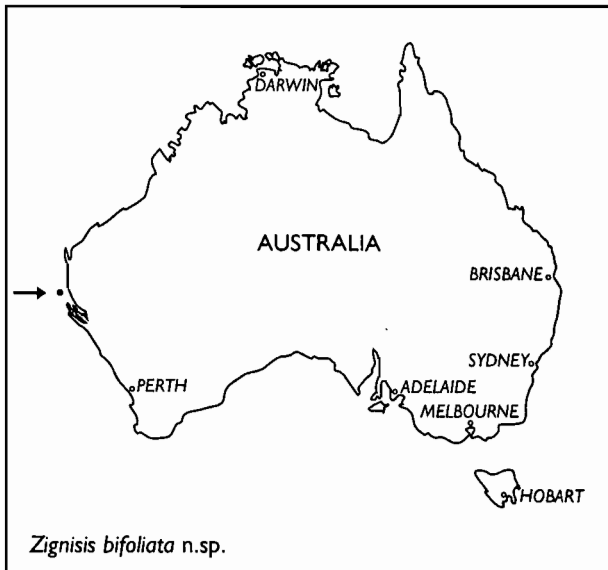


Fig. 303.

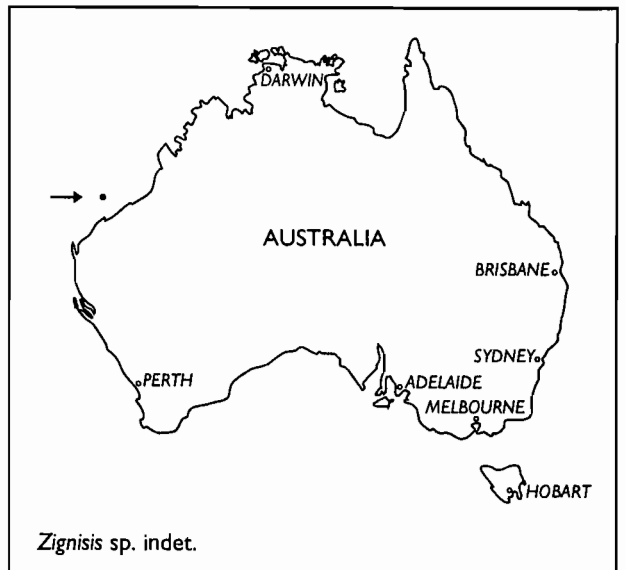


Fig. 304.

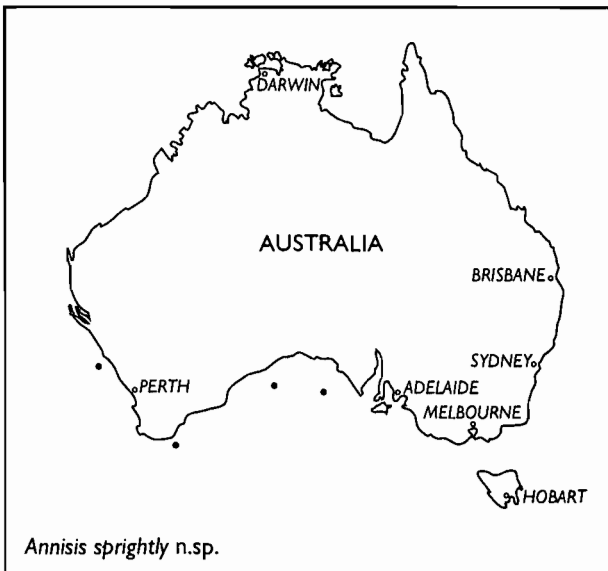


Fig. 305.



Fig. 306.

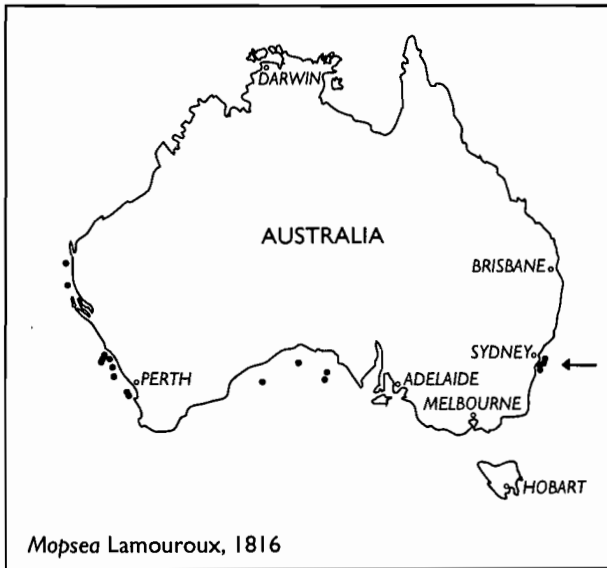


Fig. 307.

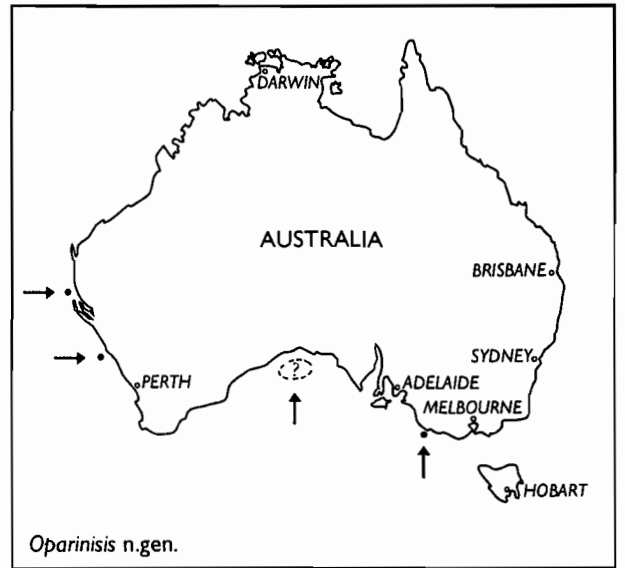


Fig. 308.

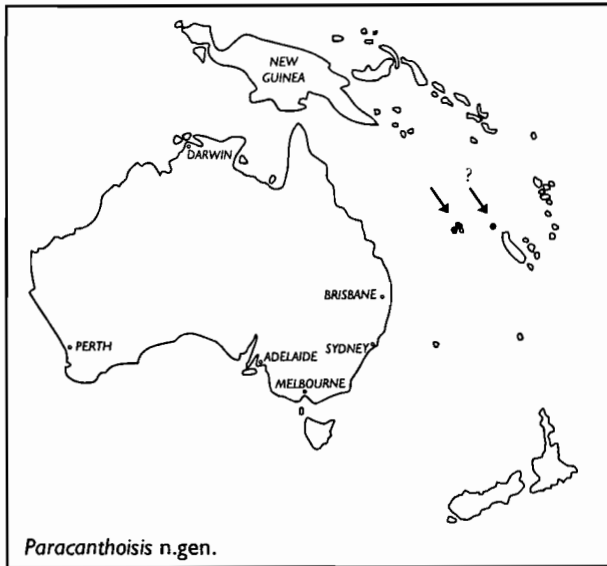


Fig. 309.

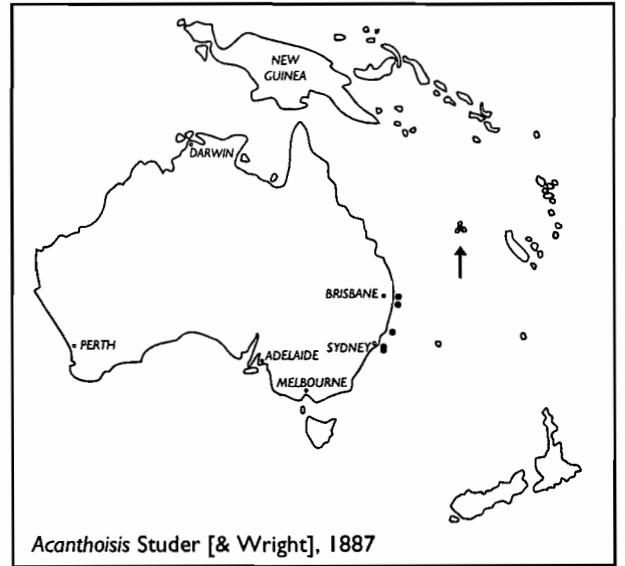


Fig. 310.

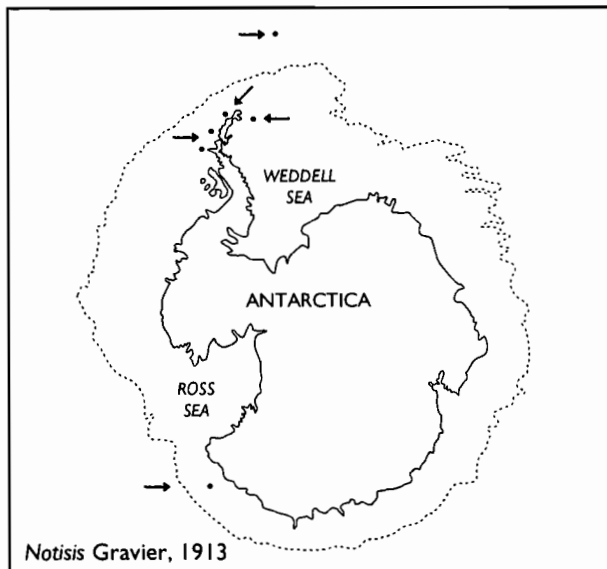


Fig. 311.

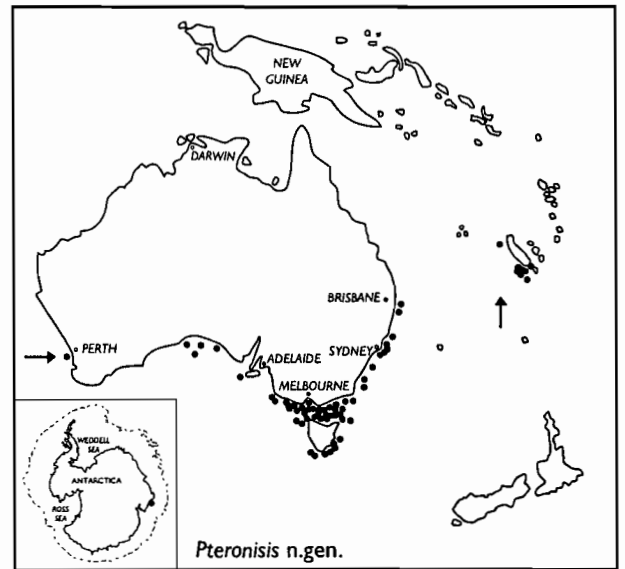


Fig. 312.

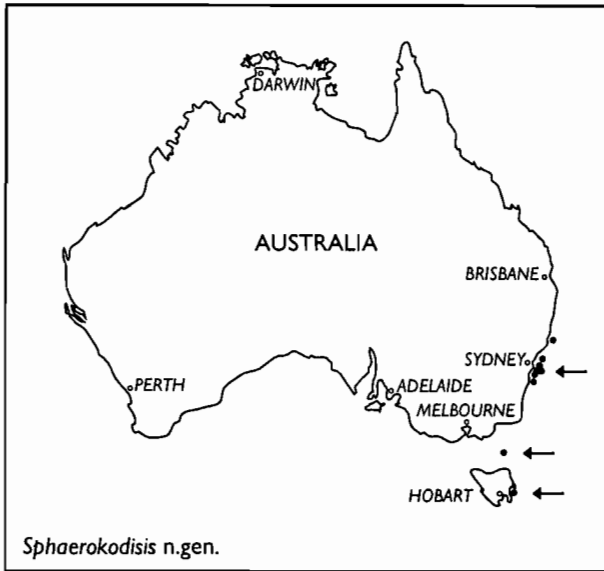


Fig. 313.

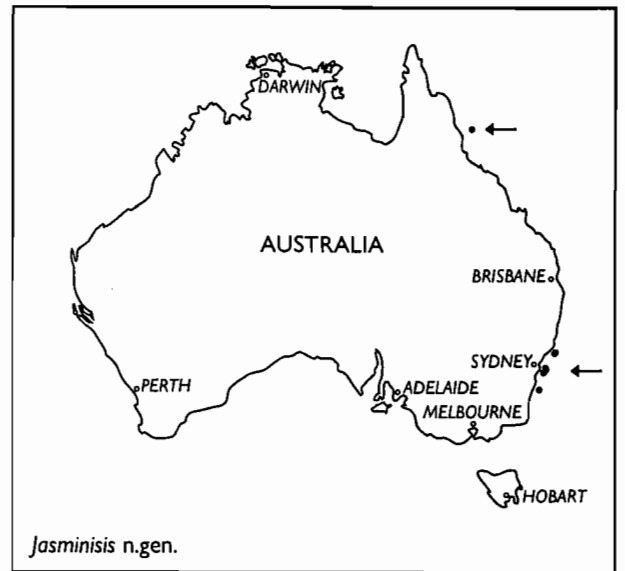


Fig. 314.

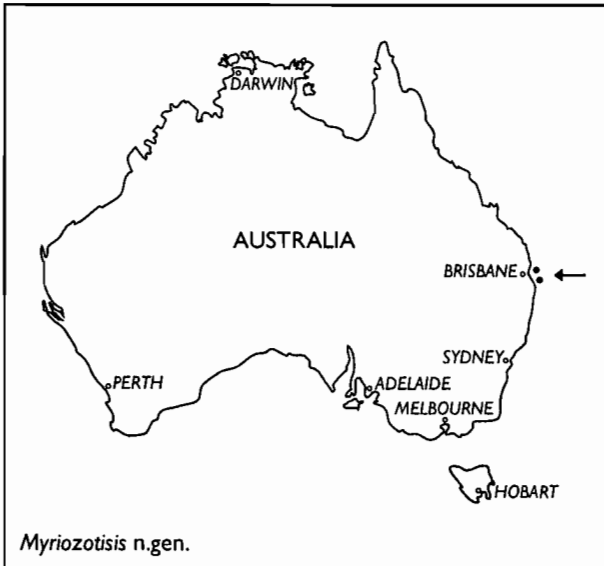


Fig. 315.

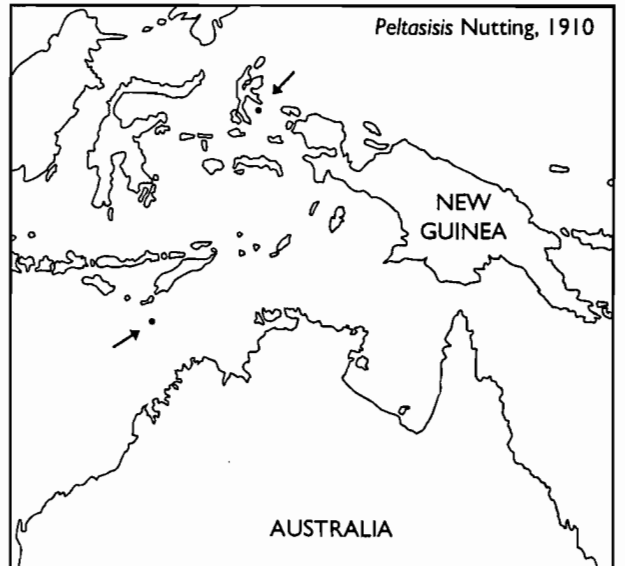


Fig. 316.

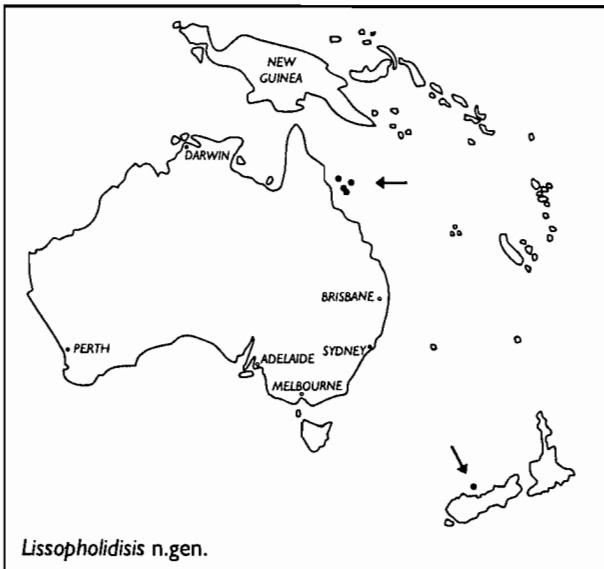


Fig. 317.

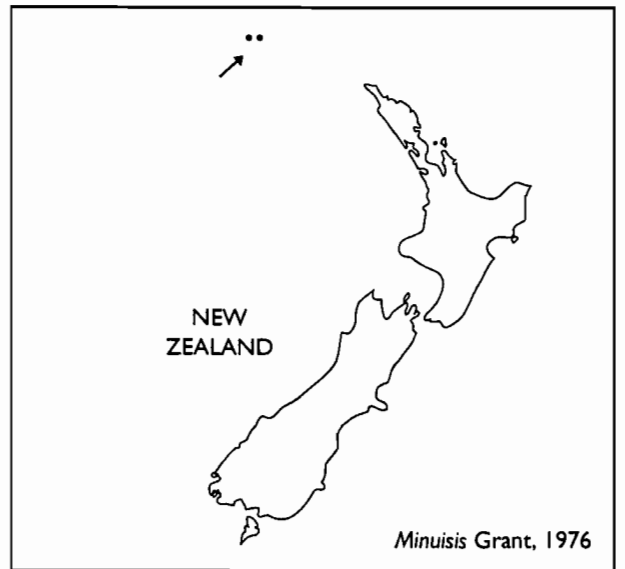


Fig. 318.

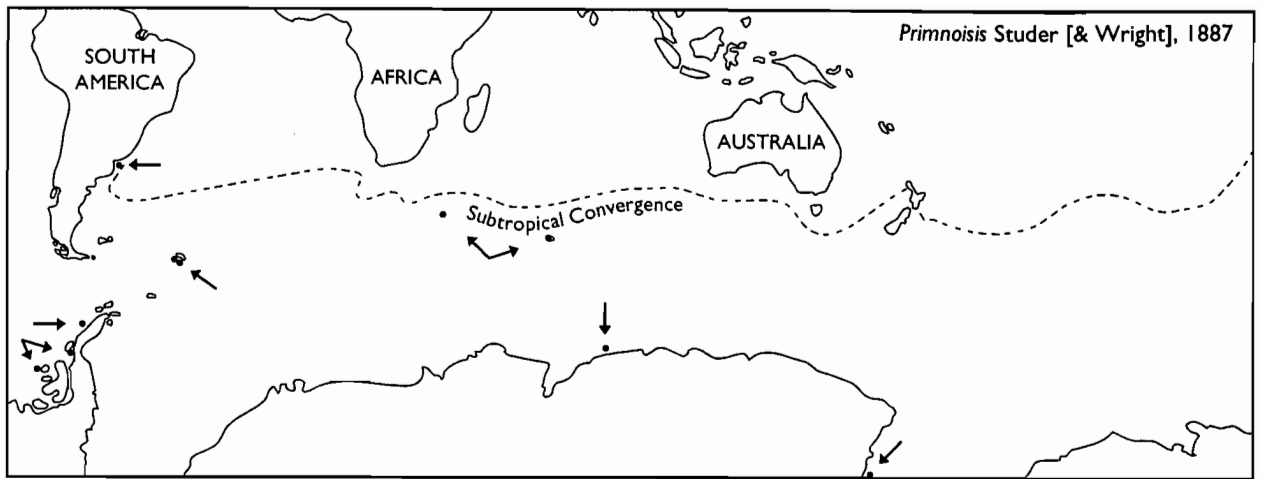


Fig. 319.

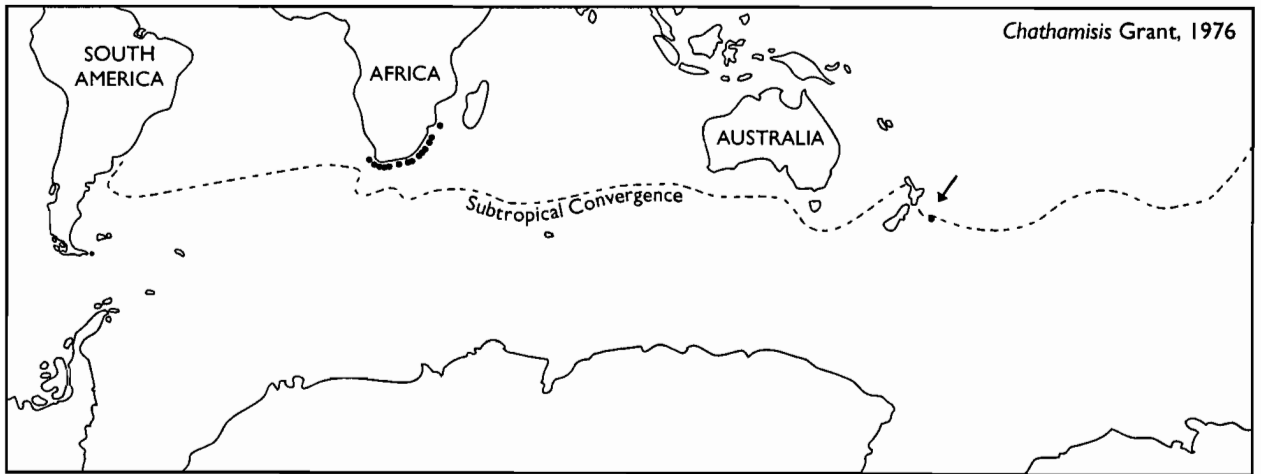


Fig. 320.

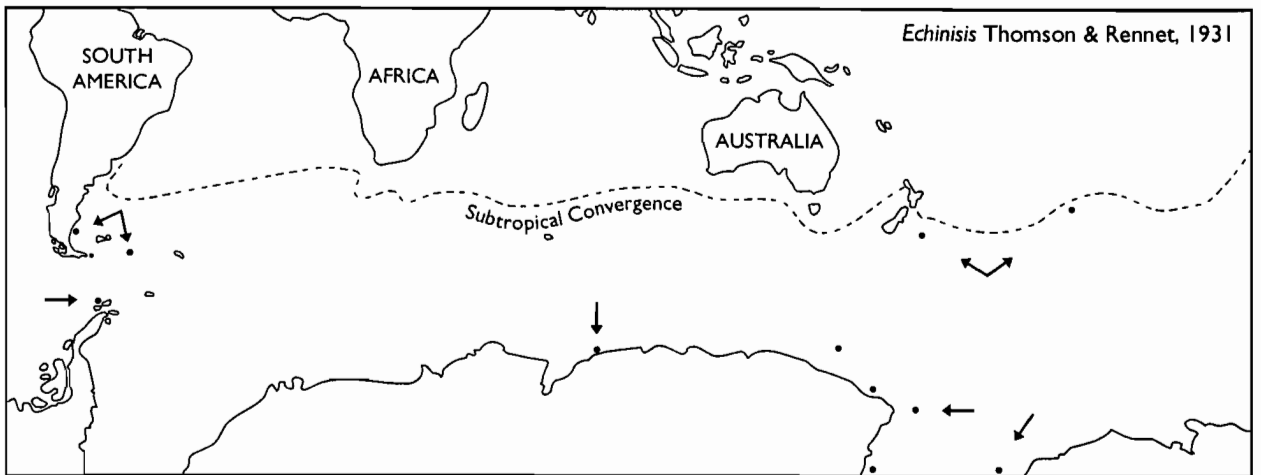


Fig. 321.

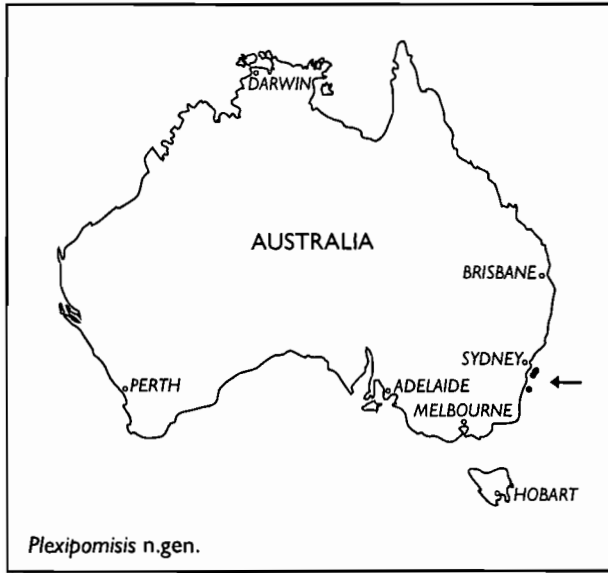


Fig. 322.

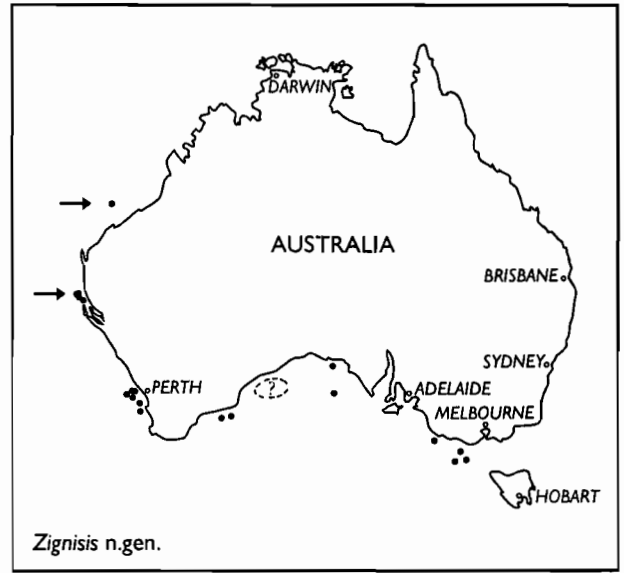


Fig. 323.

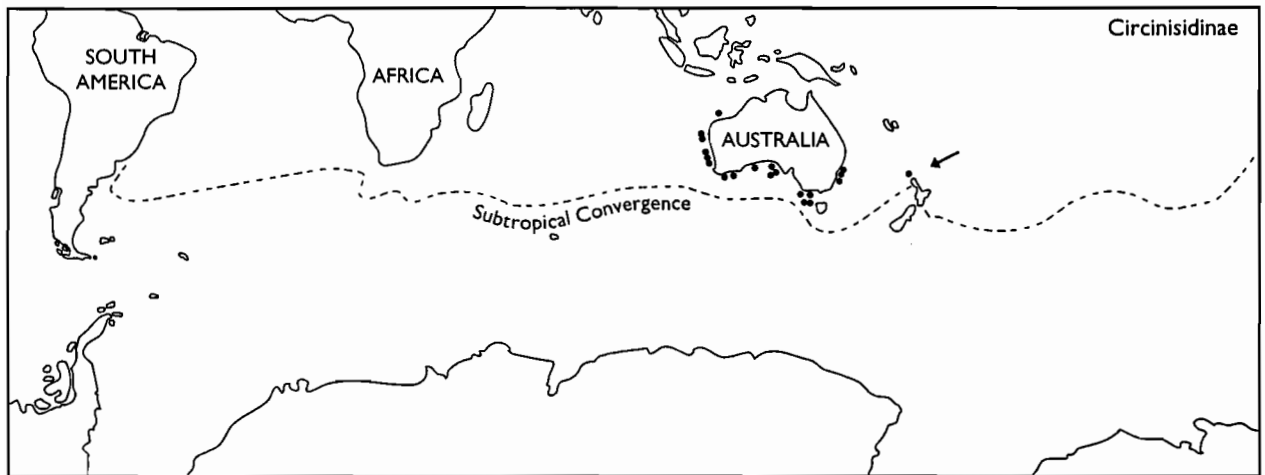


Fig. 324.

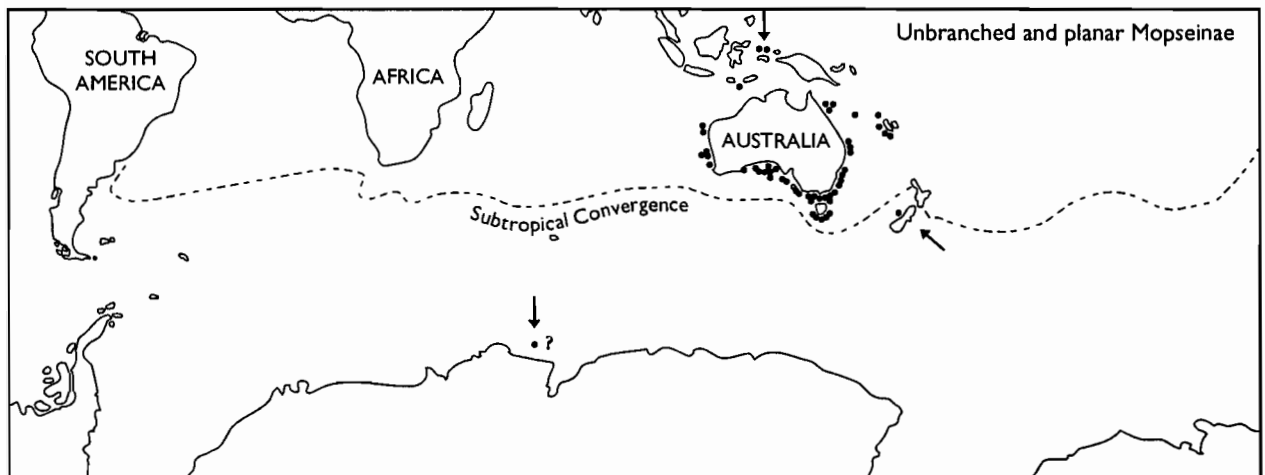


Fig. 325.

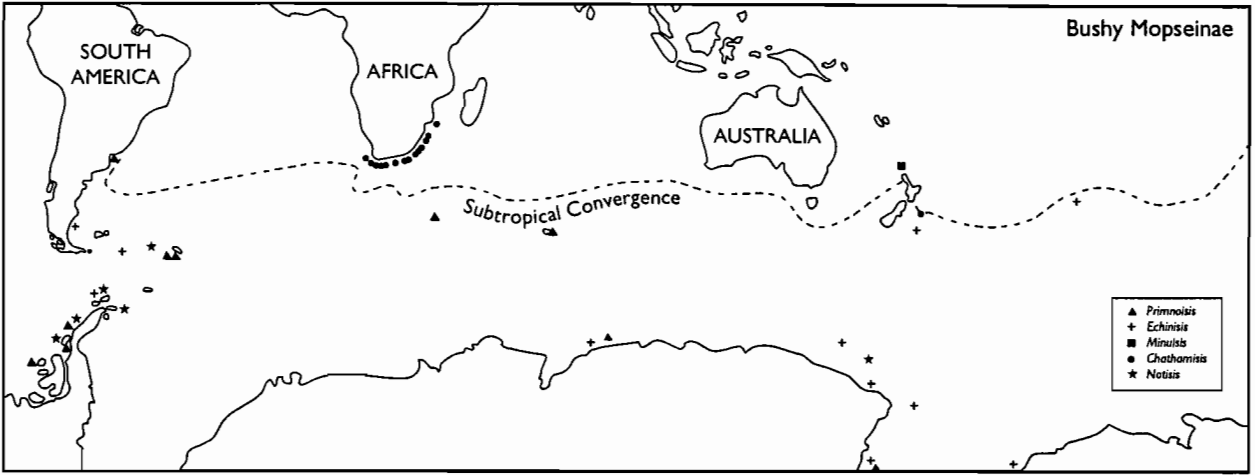


Fig. 326.