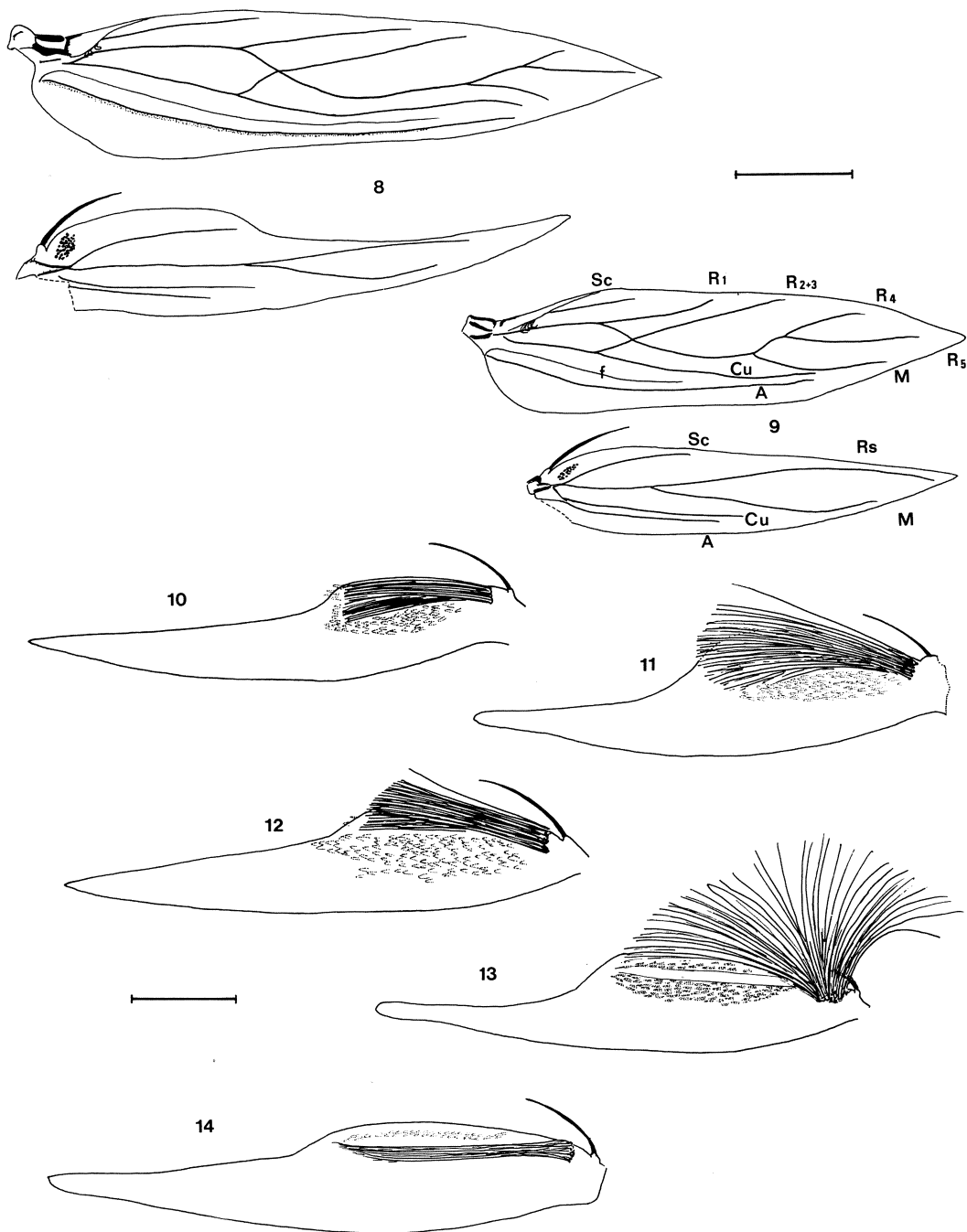
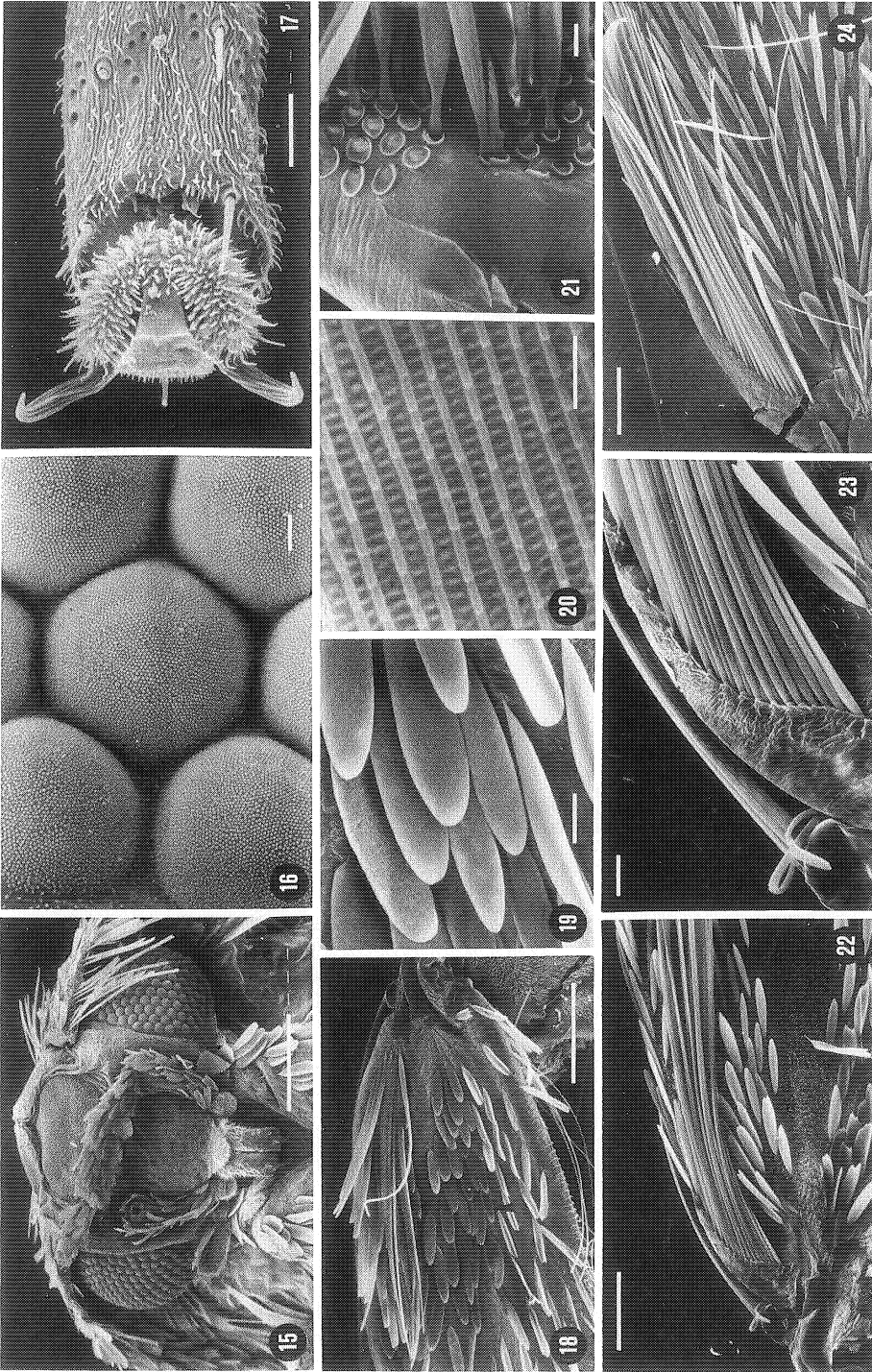


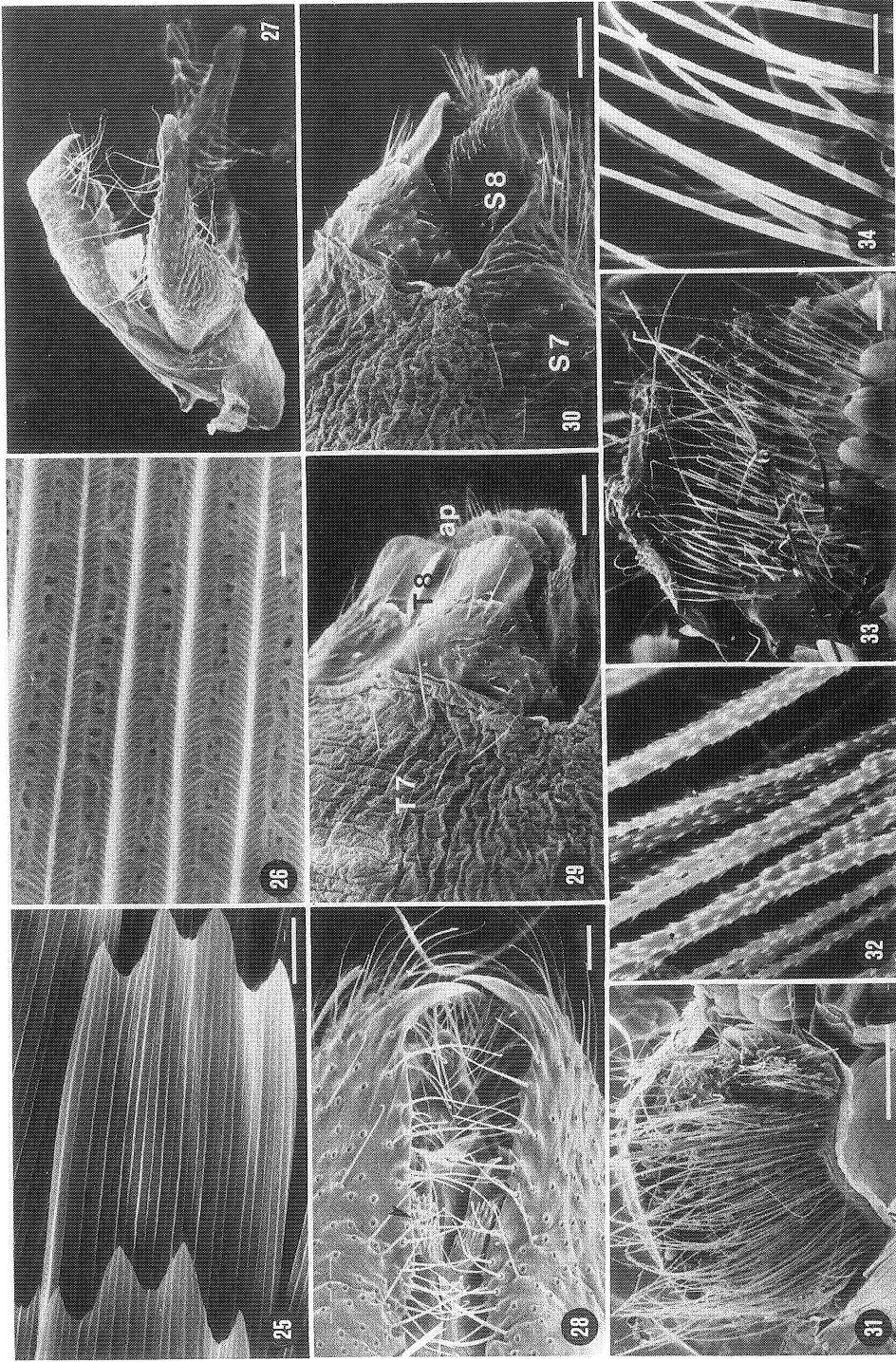
Figs. 4—7. Schematic diagrams of genitalia in *Ectoedemia* (s.str.). 4,5, ♂ genitalia, *E. occultella*; 4, ventral aspect; 5, lateral aspect. a = aedeagus; ca = carinae; de = ductus ejaculatorius; g = gnathos; lv = lateral arm of vinculum; t = tegumen; tr = transtilla; v = valva; vp = ventral process of aedeagus; vv = ventral plate of vinculum. 6, 7, ♀ genitalia. 6, *E. albifasciella*, ventral aspect; 7, *E. hannoverella*, lateral aspect. aa = anterior apophyses; ap = anal papillae; bc = bursa copulatrix; ds = ductus spermathecae; pa = posterior apophyses; s = signum; s7 = segment 7, s8 = sternite 8; sp = spiculate pouch; t8/9 = tergite 8/9; v = vestibulum; vs = vaginal sclerite. Scales: 0.1 mm.



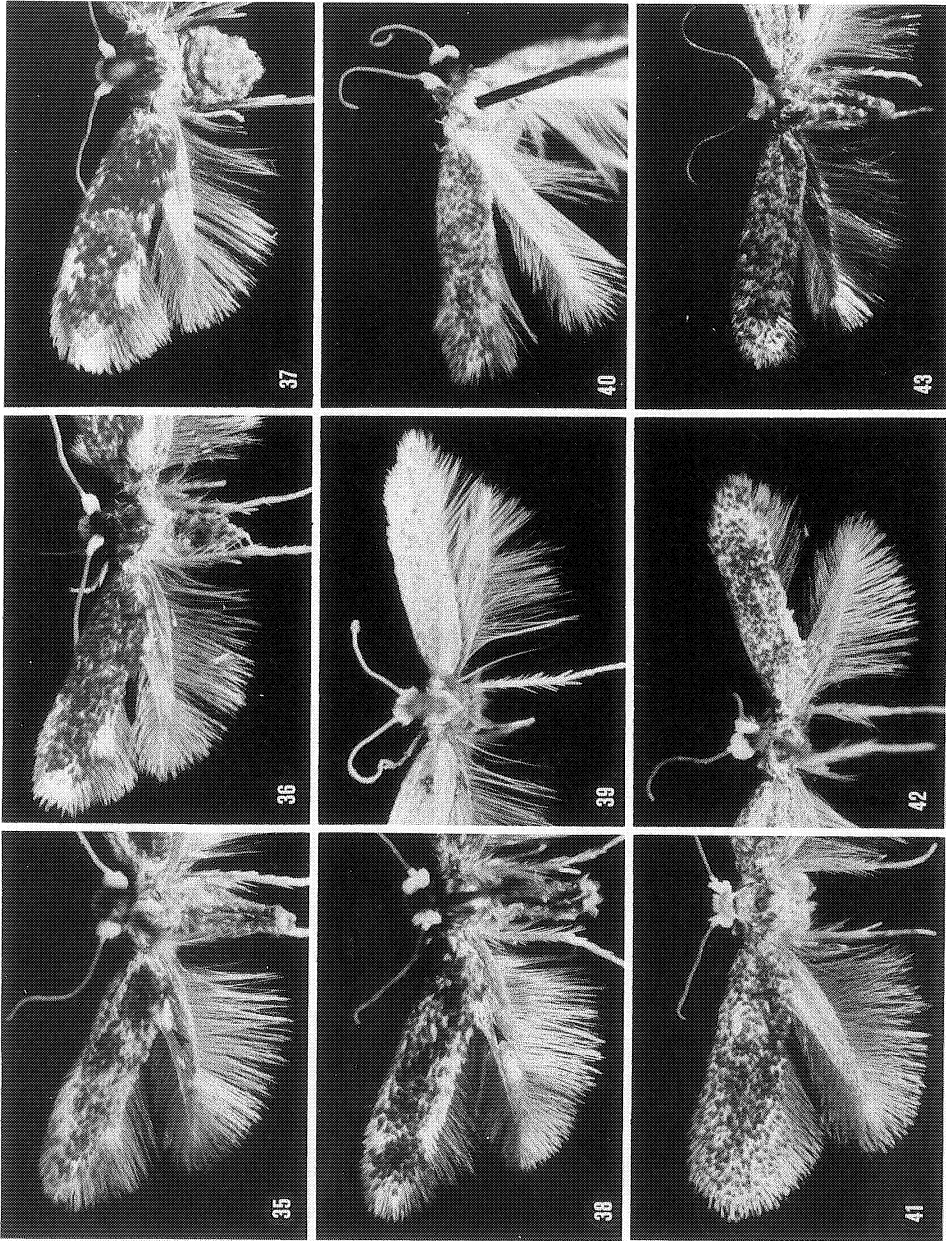
Figs. 8—9. Venation in *Ectoedemia*. 8, *E. (Zimmermannia) atrifrontella*, ♂, slide VU 252, Netherlands, Hilversum; 9, *E. (s.str.) intimella*, ♂, veins labelled, f = fold (no vein), slide VU 196, Netherlands, Schinveld. Figs. 10—14. Hindwings of *Ectoedemia (Zimmermannia)*, ♂, showing hair-pencil and surrounding special scales. Normal hindwing scales and fringe not drawn. 10, *E. atrifrontella*, Netherlands, Hilversum; 11, *E. liebwerdella*, East Germany, Tharandt; 12, *E. longicaudella*, Netherlands, Nijmegen; 13, *E. monemvasiae*, holotype, hair-pencil spread out; 14, *E. amani*, Sweden, Stockholm. Scales: 0.5 mm.



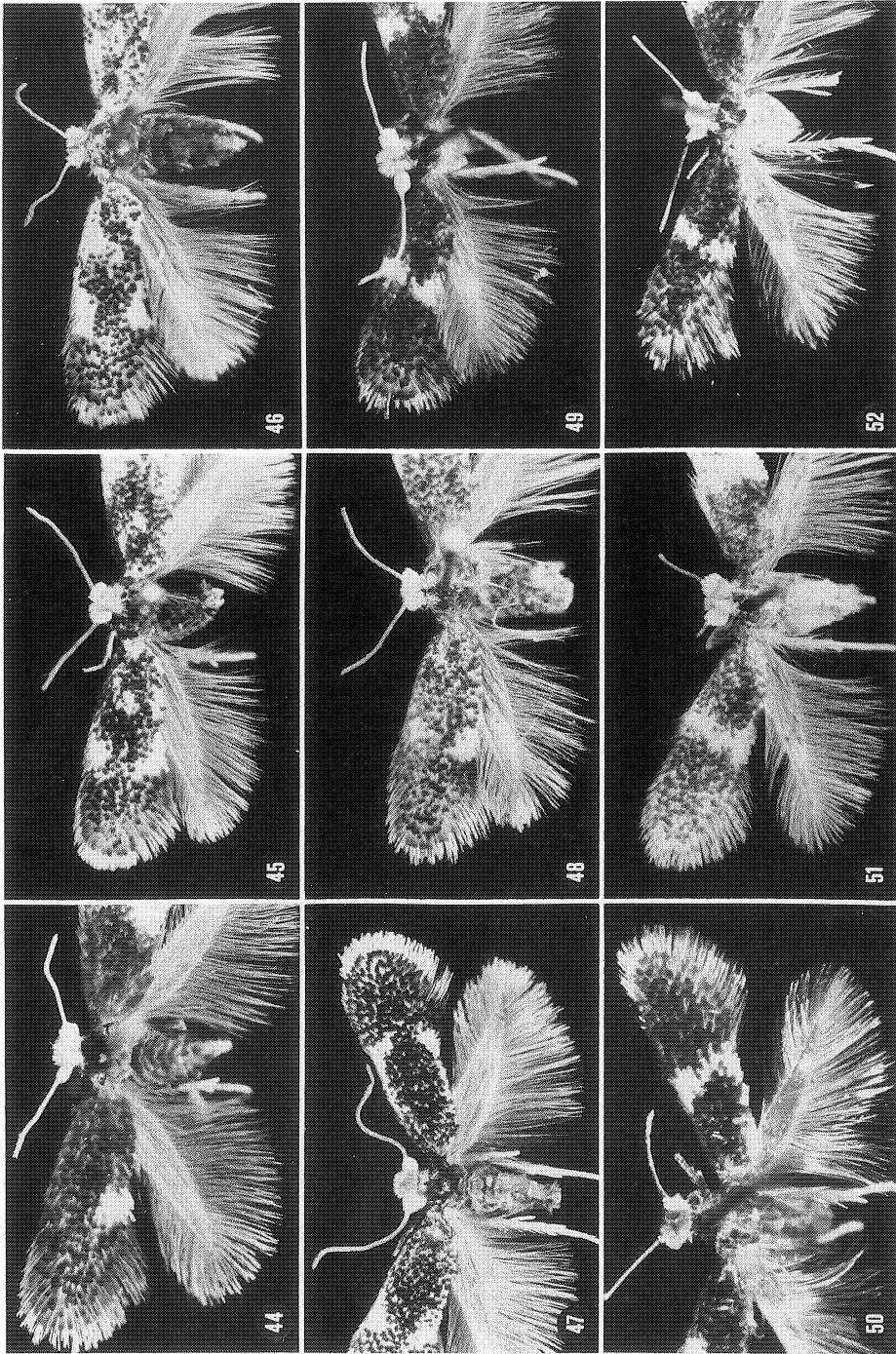
Figs. 15—17. Adult morphology of *Ectoedemia atricollis*. 15, Head, scales partly removed, frontal aspect; 16, Detail of compound eye; 17, Tarsal claws, ventral aspect. Figs. 18—24. Hindwing structures of *δ Ectoedemia*, dorsal aspects. 18, *E. spinosella*, with hair-pencil and special scales (arrows); 19, Idem, detail of special scales; 20, Detail of one scale from 19; 21, *E. (Zimmermannia) longicaudella*, sockets of hair-pencil scales; 22, *E. occutella*, hair-pencil; 23, Idem, detail; 24, *E. hannoverella*, hair-pencil. Scales, 15, 18, 22, 24: 100 μ m; 16: 2 μ m; 17, 19, 21: 10 μ m; 20: 1 μ m; 23: 20 μ m.



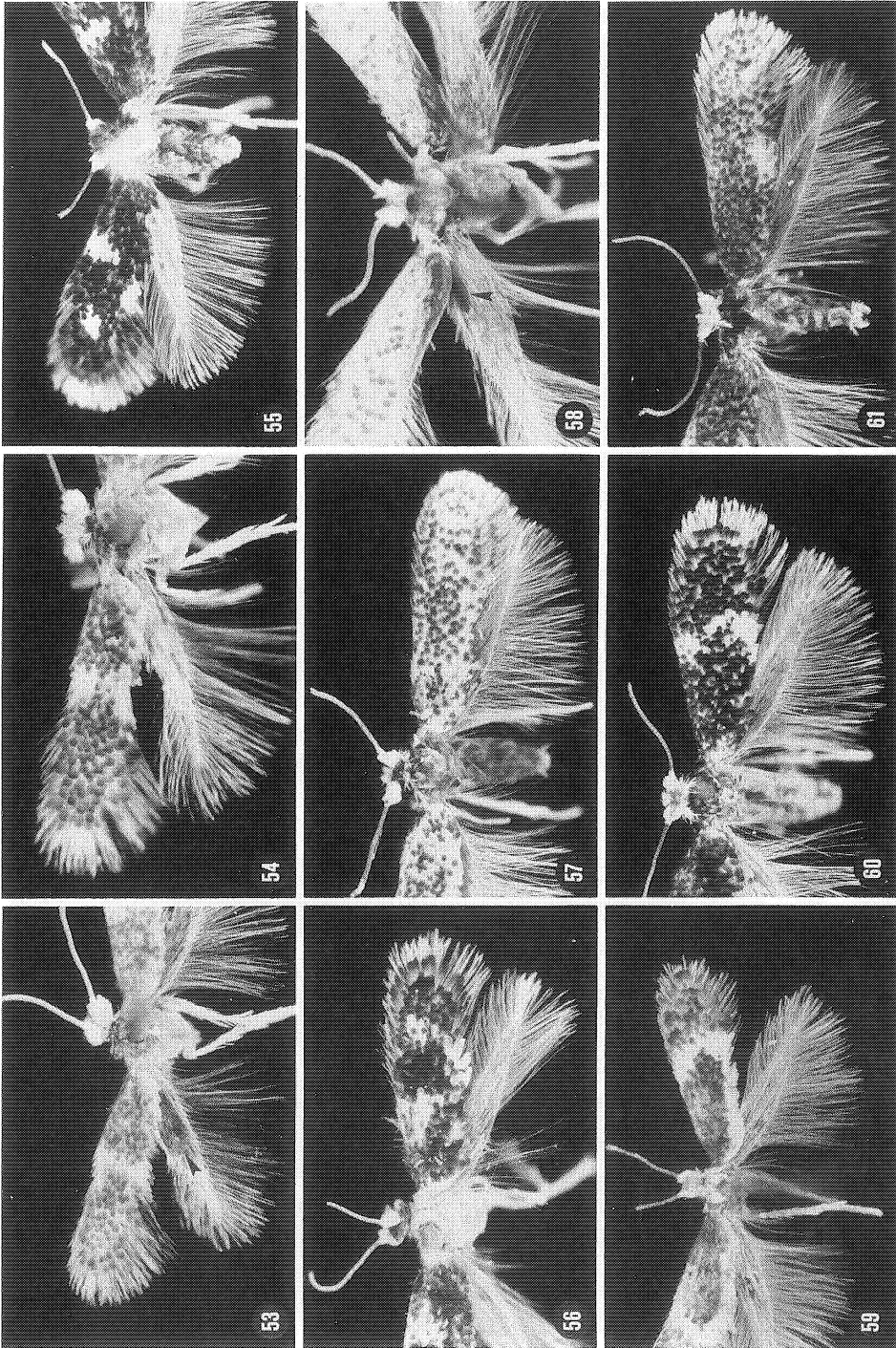
Figs. 25—26. *Ectoedemia occultella*, forewing scale structure. Figs. 27—28. *E. (Zimmermannia) longicaudella*, lateral aspect; 28, *E. atricollis*, ventral aspect with part of valvae and aedeagus, showing basal spines of carinae (arrow). Figs. 29—34. Female postabdomen. 29, *E. occultella*, dorsolateral aspect; 30, *Idem*, lateral aspect, ap = anal papillae (on tergite 9), s7 = sternite 7, s8 = sternite 8 (with spines), t7 = tergite 7, t8 = tergite 8; 31, *E. (Zimmermannia) monemeasiacae*, dorsal aspect, showing long setae on t7/t8; 32, Detail of pectinate setae; 33, *E. (Zimmermannia) atrifrontella*, dorsal aspect; 34, Detail of smooth setae. Scales, 25: 10 μ m; 26: 1 μ m; 28, 33: 20 μ m; 29, 30: 50 μ m; 31: 100 μ m; 34: 5 μ m.



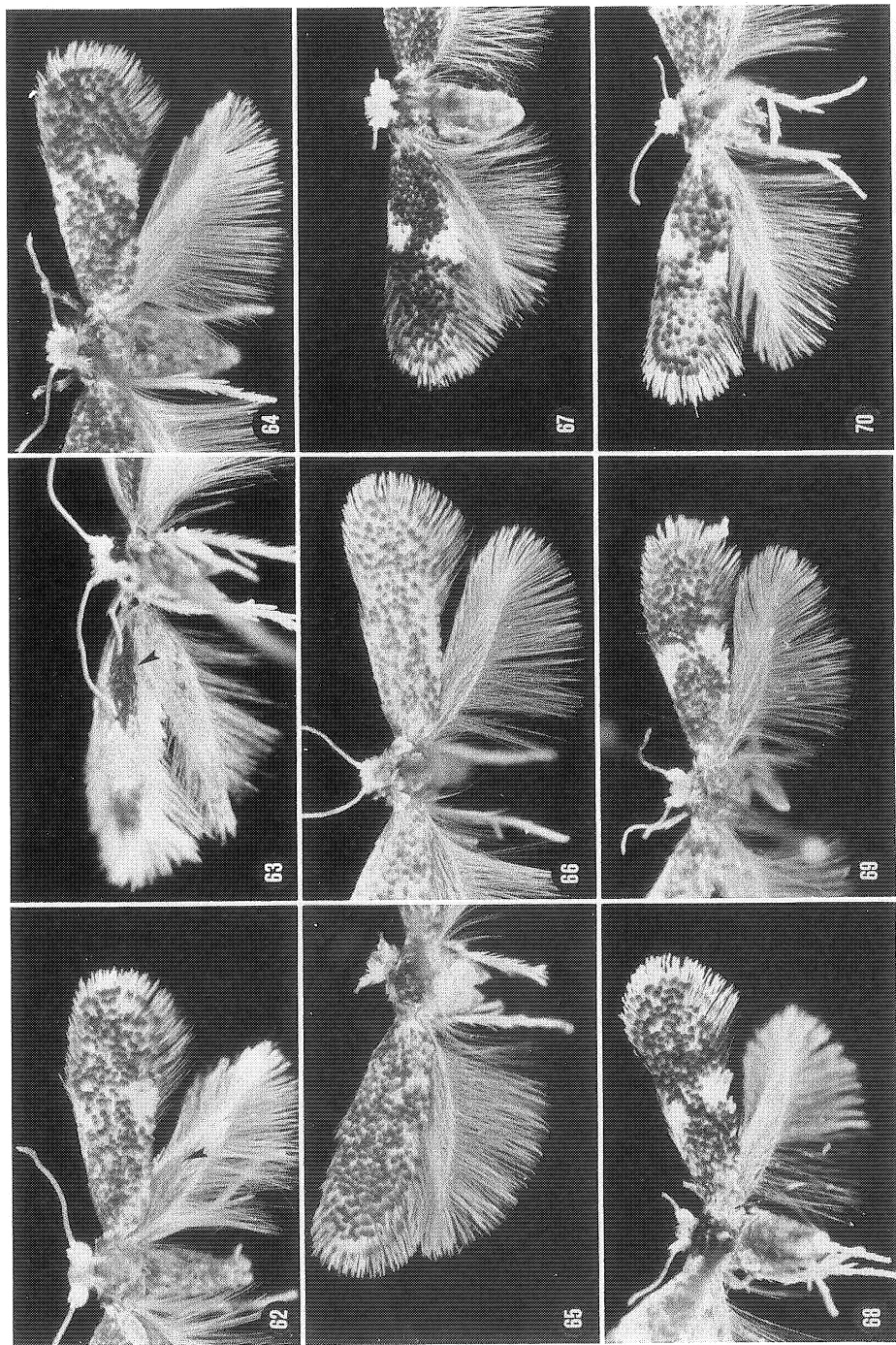
Figs. 35—43. *Ectoedemia (Zimmermannia)* spp. 35, *E. atrifrontella*, ♂, Netherlands, Hollandse Rading; 36, *E. liebwerdella*, ♂, East Germany, Tharandt; 37, *E. liebwerdella*, ♀, idem; 38, *E. longicaudella*, ♂, Sweden, Hogsby; 39, *E. hispanica*, ♂, holotype; 40, *E. monemvasiae*, ♀, paratype, Greece, Monemvasia; 41, *E. amani*, ♀, Sweden, Kullaberg; 42, *E. nursistanica*, ♂, holotype; 43, *E. liguricella*, ♂, Morocco, Oukaim'den. Arrows indicate specialised scales in males.



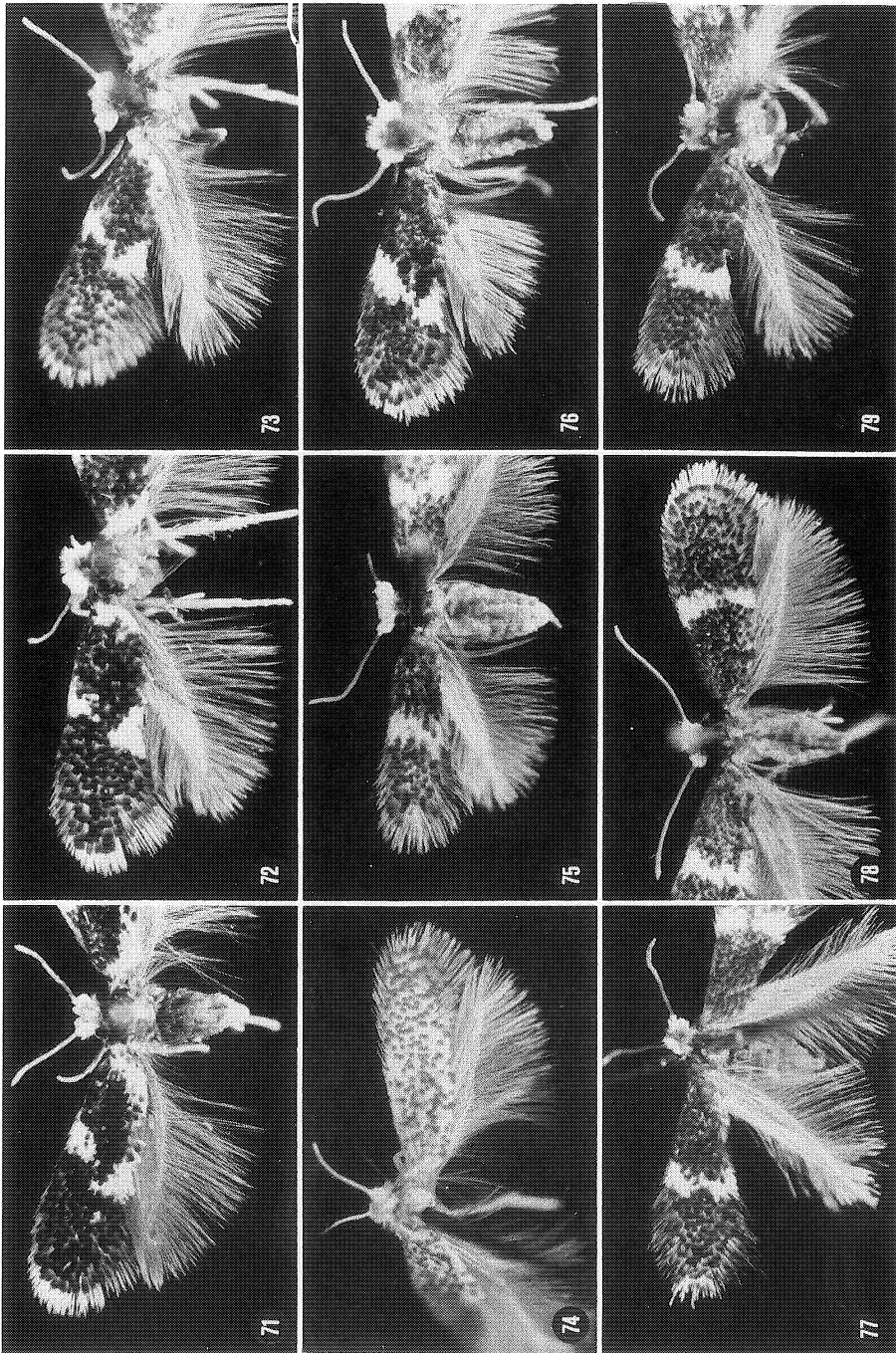
Figs. 44—52. *Ectoedemia* (s.str.) spp. 44. *E. intimella*, ♀, Netherlands, Ootmarsum; 45. *E. hannoverella*, ♂, Netherlands, De Lutte; 46. *E. turbidella*, ♀, Netherlands, Leiden; 47. *E. klimeschi*, ♂, Austria, Wien; 48. *E. argyropeza*, ♀, Netherlands, Berg en Dal; 49. *E. preisseckeri*, ♂, lectotype; 50. *E. caradjai*, ♀, Hungary, Nagykovacs; 51. *E. suberis*, ♀, France, Cannes; 52. *E. andalusiae*, ♀, holotype.



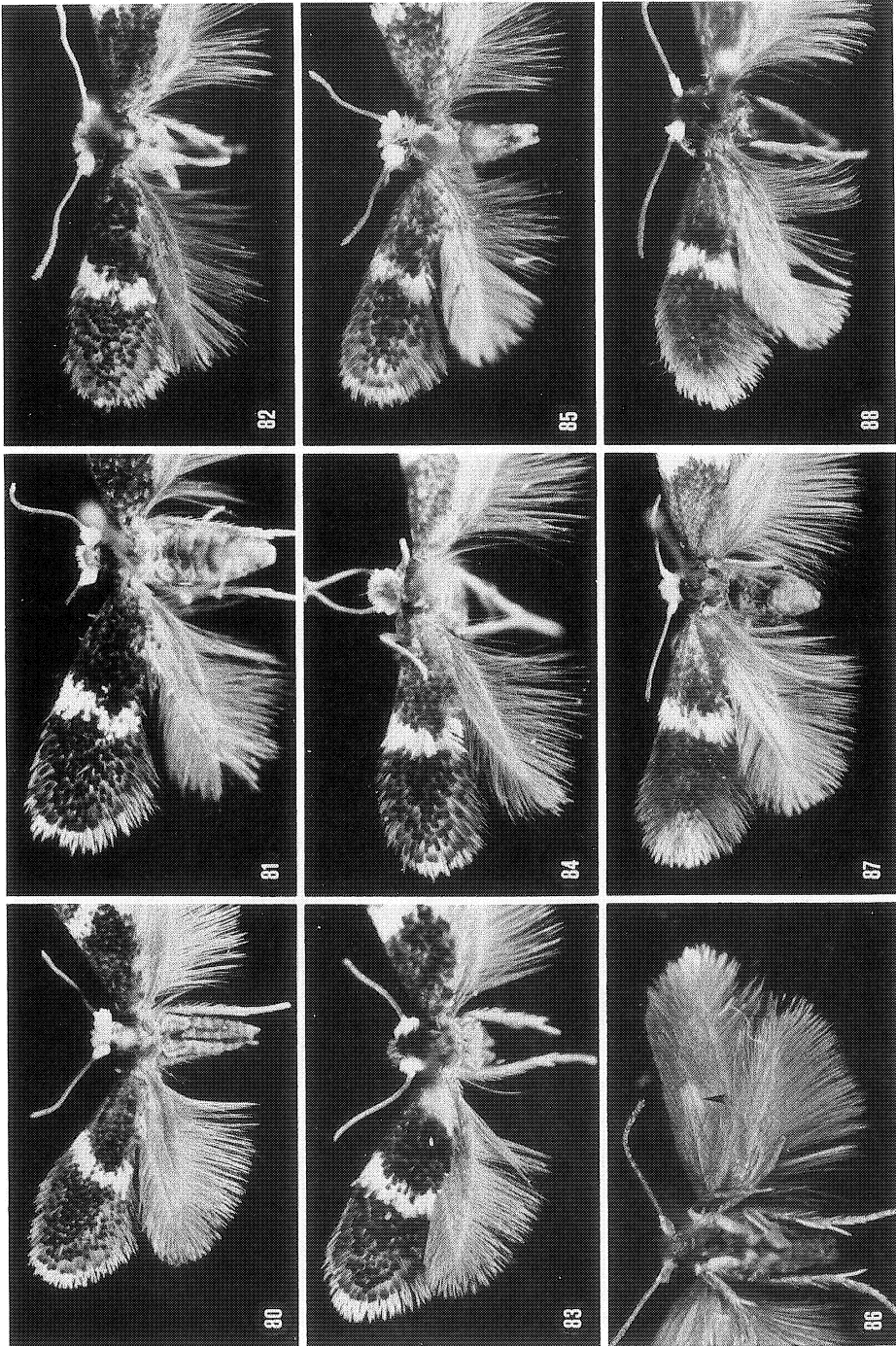
Figs. 53—61. *Ectoedemia* (s.str.) spp. 53, *E. aegilopidella*, ♂, special scales arrowed, paratype, Greece, Rhodos; 54, *E. aegilopidella*, ♀, paratype, idem; 55, *E. quinquefasciata*, ♀, Great Britain, Herringswell; 56, *E. algeriensis*, ♀, holotype; 57, *E. gilvipes*, ♂, holotype; 58, *E. gilvipes*, ♂, detail showing black hair-pencil (arrow), Hungary, Törökbalint; 59, *E. leucothorax*, ♀ paratype, Spain, Marbella; 60, *E. baraldi*, ♀, Spain, N. Benahavis; 61, *E. ilicis*, ♂, Spain, Igualeja.



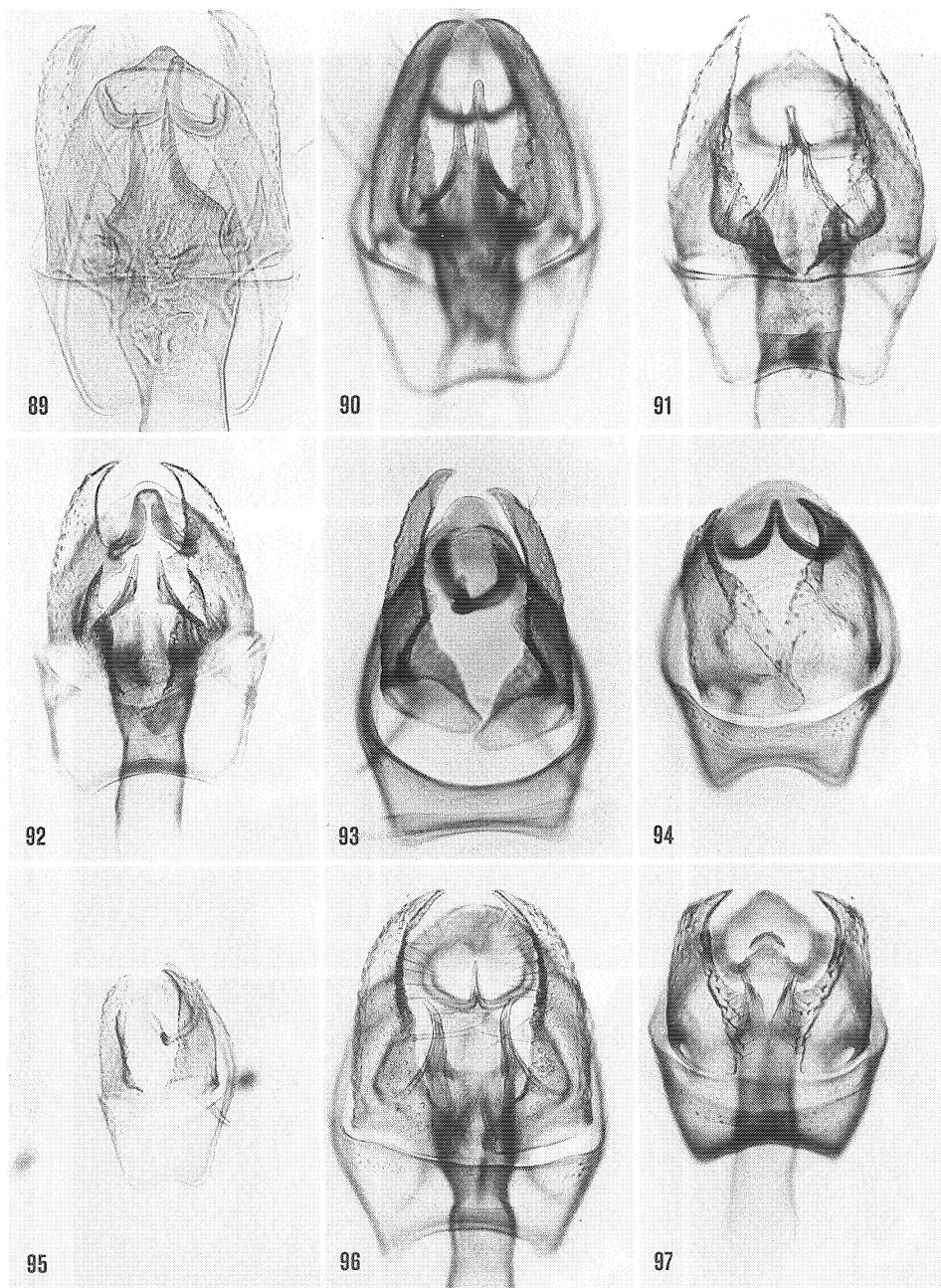
Figs. 62—70. *Ectoedemia* (s.str.) spp., *subbimaculella* group. 62—64, *E. heringella*, Yugoslavia, Rijeka; 62, ♂, upperside; 63, ♂, underside; 64, ♀; 65, *E. alnifoliae*, ♀, holotype; 66, *E. migrosparsella*, ♀, Italy, Sardegna; 67, *E. albifascella*, ♀, Netherlands, Wageningen; 68, *E. cerris*, ♀, Hungary, Szár; 69, *E. pubescivora*, ♀, Italy, Sardegna, Belvi; 70, *E. contorta*, ♀, holotype. Arrows in 62 and 63 indicate specialised scales.



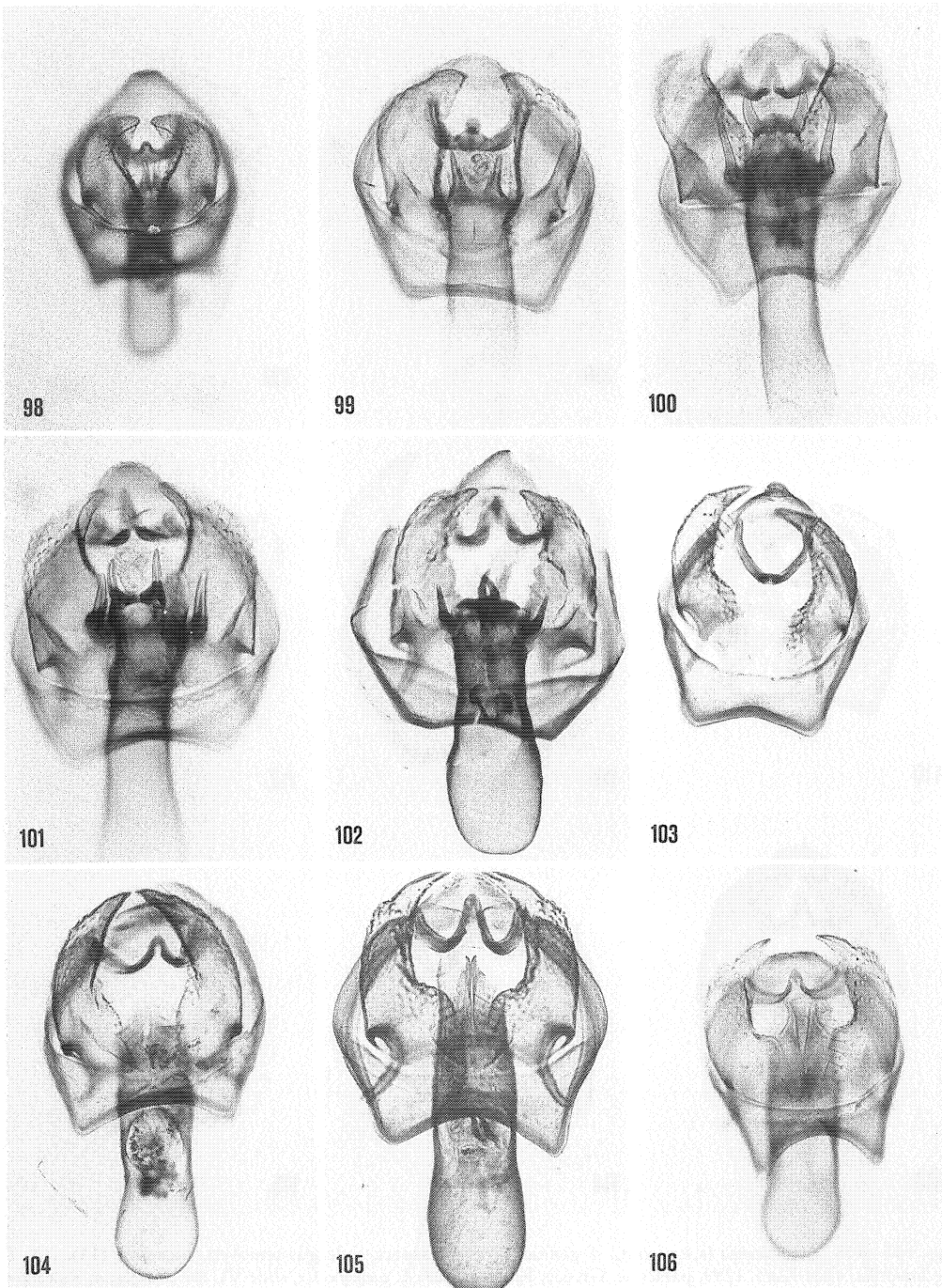
Figs. 71—79. *Ectoedemia* (s.str.) spp. 71, *E. subbimaculella*, ♀, Netherlands, Hoge Veluwe; 72, *E. heringi*, ♀, Austria, Hackelsberg; 73, *E. phyllotomella*, ♂, lectotype; 74, *E. spec.* (specimen 1375), ♀, Iran, Shiraz; 75, *E. terebinthivora*, ♀, Greece, Dhelfoi; 76, *E. erythrogenella*, ♂, England, Portland; 77, *E. spiratae*, ♀, Czechoslovakia, Murán; 78, *E. agrimoniae*, ♂, Greece, Evvoia; 79, *E. hexapetalae*, ♀, Hungary, Budaörs.



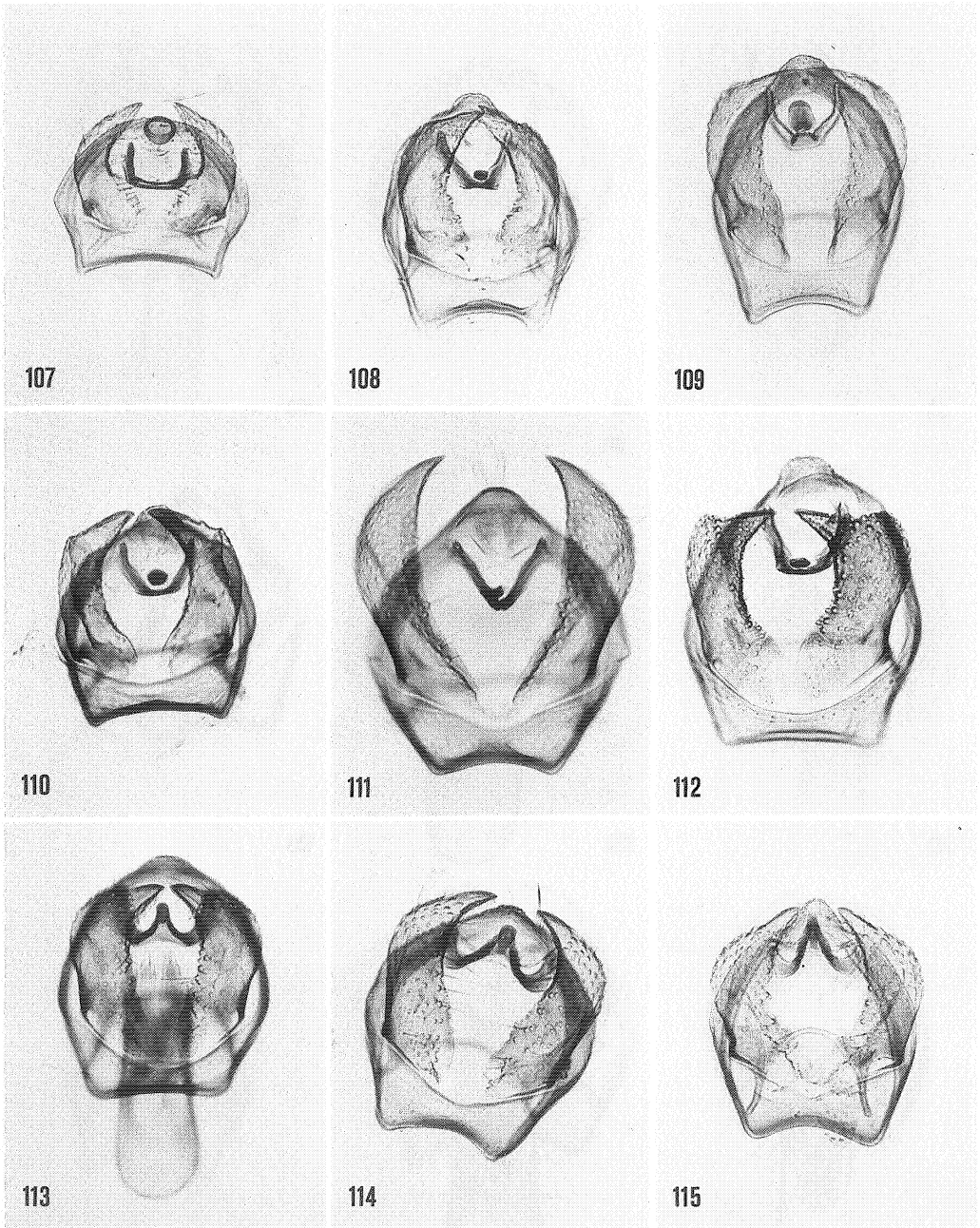
Figs. 80—88. *Ectoedemia* (s. str.) spp. 80. *E. angulifasciella*, ♂, Netherlands, Oortmarsum; 81. *E. atricollis*, ♀, Netherlands, breeding ex ovo; 82. *E. arcuatella*, ♂, Greece, Frangista; 83. *E. rubivora*, ♂, Netherlands, Winterswijk; 84. *E. spinosella*, ♀, Netherlands, Gulpen; 85. *E. mahalebella*, ♂, Italy, Trento; 86. *E. occultella*, ♂, underside, patch of white special scales arrowed, Germany-West, Alendorf; 87. *E. occultella*, ♀, Netherlands, Wageningen; 88. *E. mimmella*, ♂, Norway, Grøvdalen.



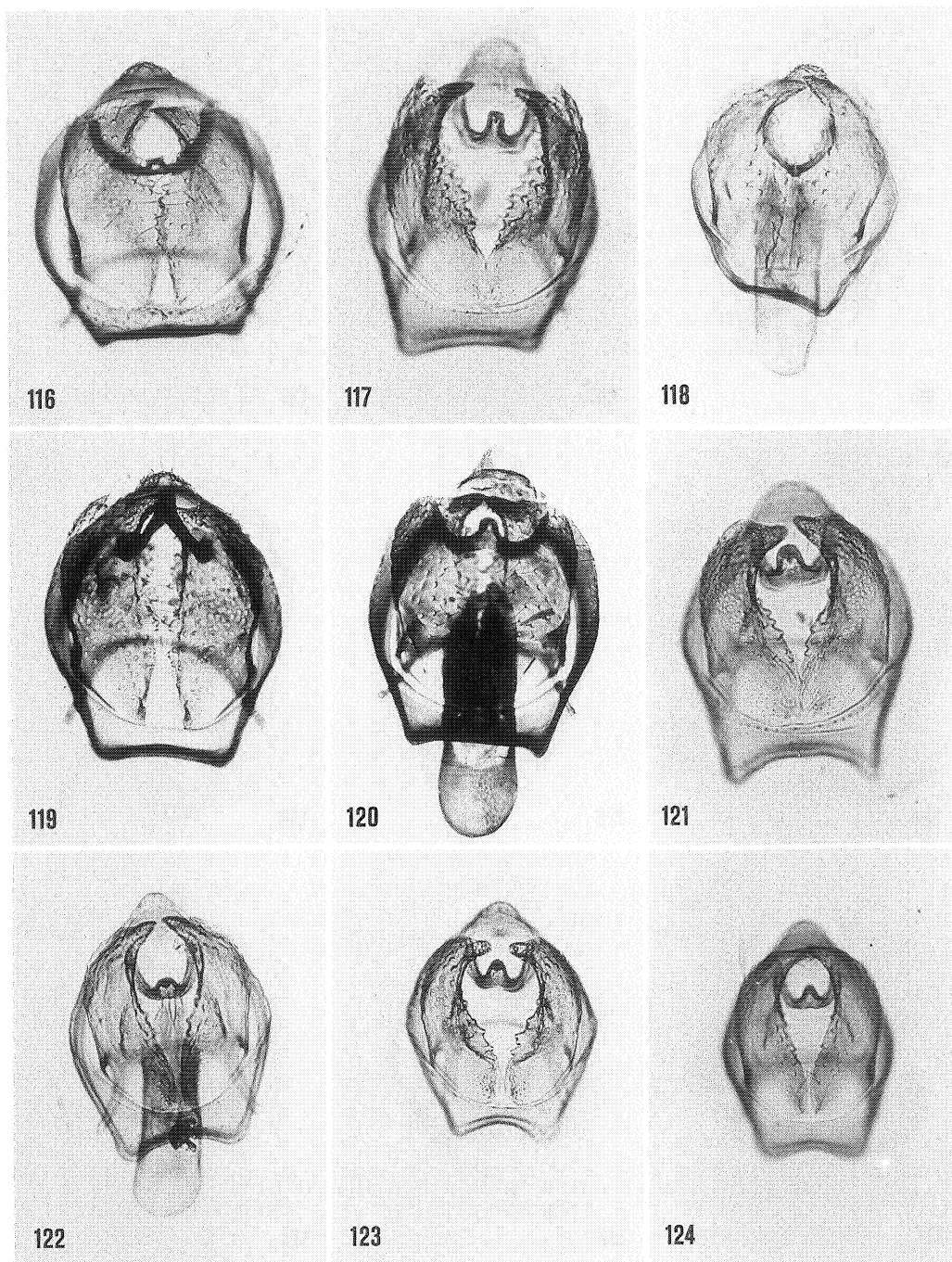
Figs. 89—97. *Ectoedemia* spp., ♂ genitalia (aedeagus removed in 93—95), ventral aspect. 89, *E. atrifrontella*, slide VU 087, Netherlands, Overveen; 90, *E. liebwerdella*, East Germany, Tharandt, slide on pin; 91, *E. longicaudella*, slide VU 1835, Anatolia, Kizilchamam; 92, *E. hispanica*, slide VU 1931, holotype; 93, *E. monemvasiae*, slide VU 1834, paratype, Anatolia, Kizilchamam; 94, *E. amani*, slide MV 5752, Austria, Hundsheimer Berg; 95, *E. nuristanica*, slide MV 5402, holotype; 96, *E. liguricella*, slide VU 1828, Spain, Sierra Alfacar; 97. *E. intimella*, slide VU 1213, Netherlands, Rockanje.



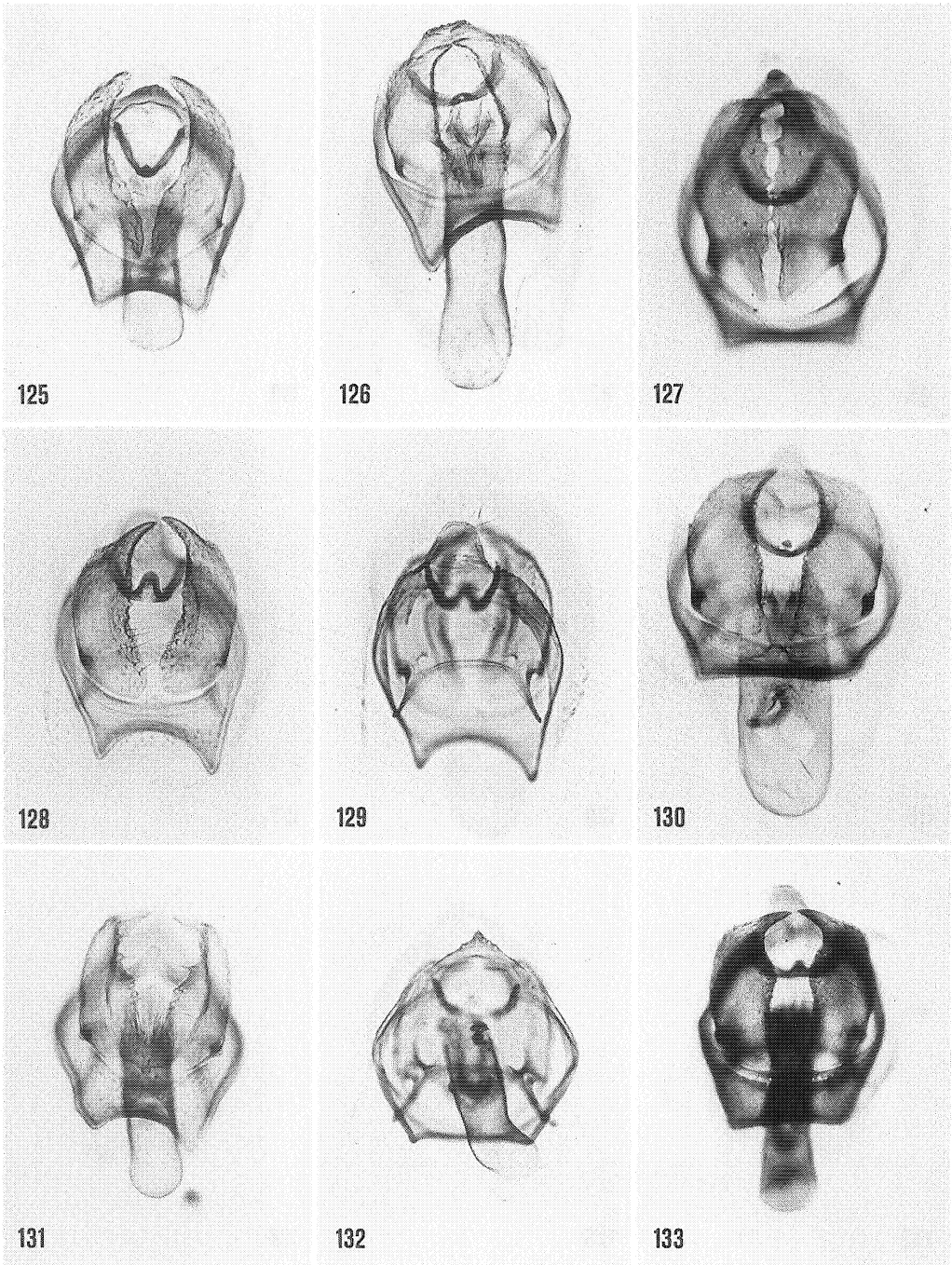
Figs. 98—106. *Ectoedemia* (s.str.) spp., ♂ genitalia, ventral aspect (aedeagus removed in 103). 98, *E. populella*, slide VU 1252, syntype, USA; 99, *E. hannoverella*, slide MV 12202, West Germany, Baiern; 100, *E. turbidella*, slide MV 12206, Austria, Linz; 101, *E. klimeschi*, slide VU 1230, Austria, Linz; 102, *E. preisseckeri*, slide MV 12218, Austria, Wien; 103, *E. caradjai*, slide VU 1382, Hungary, Csopak; 104, *E. spec.* (specimen 1843), slide VU 1843, Spain, Rubielos de Mora; 105, *E. suberis*, slide VU 1112, France, "Nesp."; 106, *E. andalusiae*, slide VU 1415, paratype, Spain, Camino de Ojen.



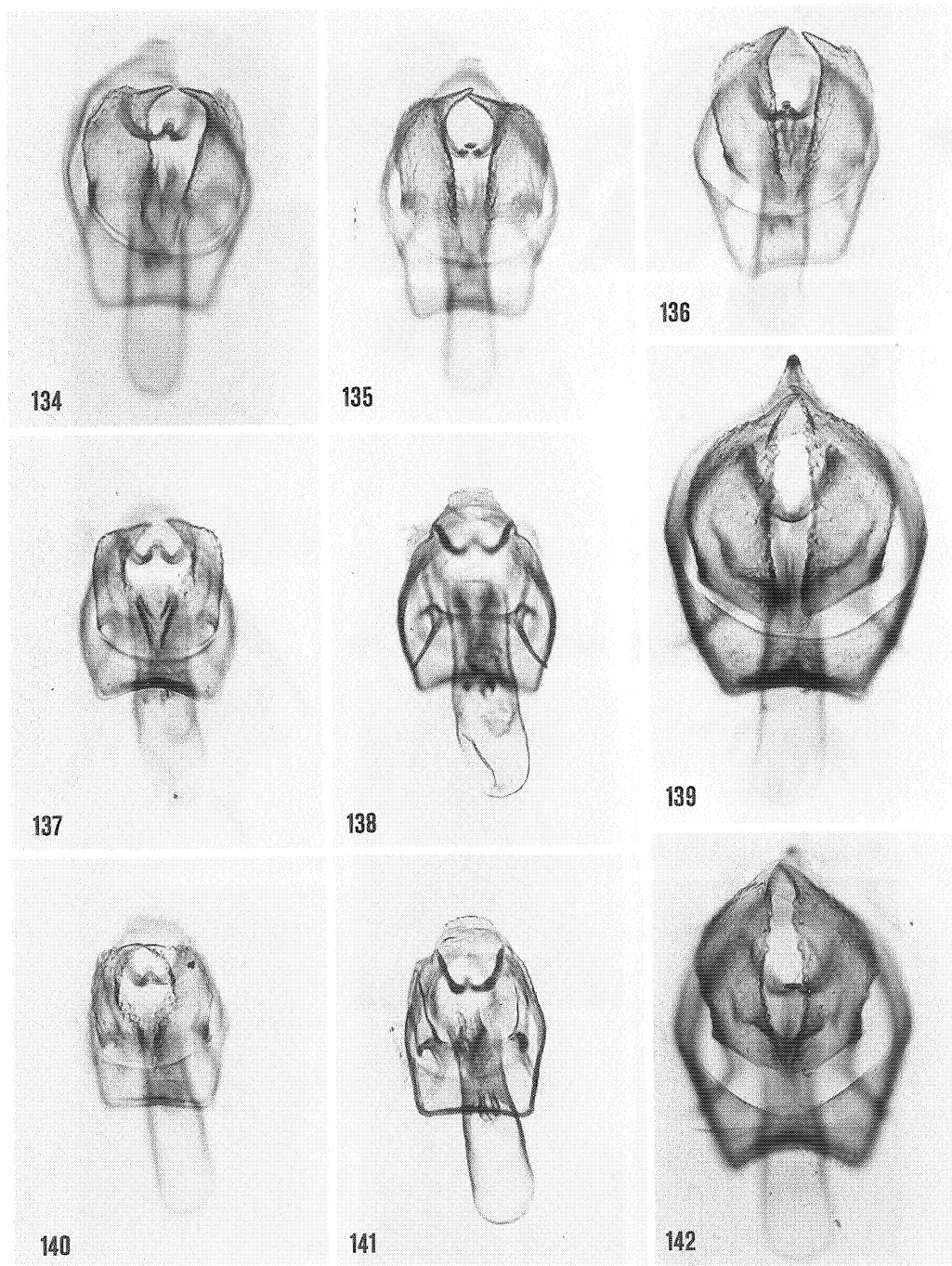
Figs. 107—115. *Ectoedemia* (s.str.) spp., ♂ genitalia, ventral aspect, aedeagus removed (except in 113). 107, *E. aegilopidella*, slide Klim. 1299, paratype, Greece, Rhodos; 108, *E. quinquella*, slide VU 869, England, Rainham; 109, *E. cf. algeriensis*, slide VU 1864, Morocco, Azrou; 110, *E. gilvipennella*, slide VU 1381, Hungary, Törökbálint; 111, *E. leucothorax*, slide VU 1885, paratype, Spain, Camino de Ojen; 112, *E. haraldi*, slide VU 868, paralectotype, France, Angoulême; 113, *E. ilicis*, slide VU 1420, Spain, Marbella; 114, *E. heringella*, slide VU 1395, Italy, Monti Aurunci; 115, *E. heringella*, slide RM 6666, Cyprus, Arakapos.



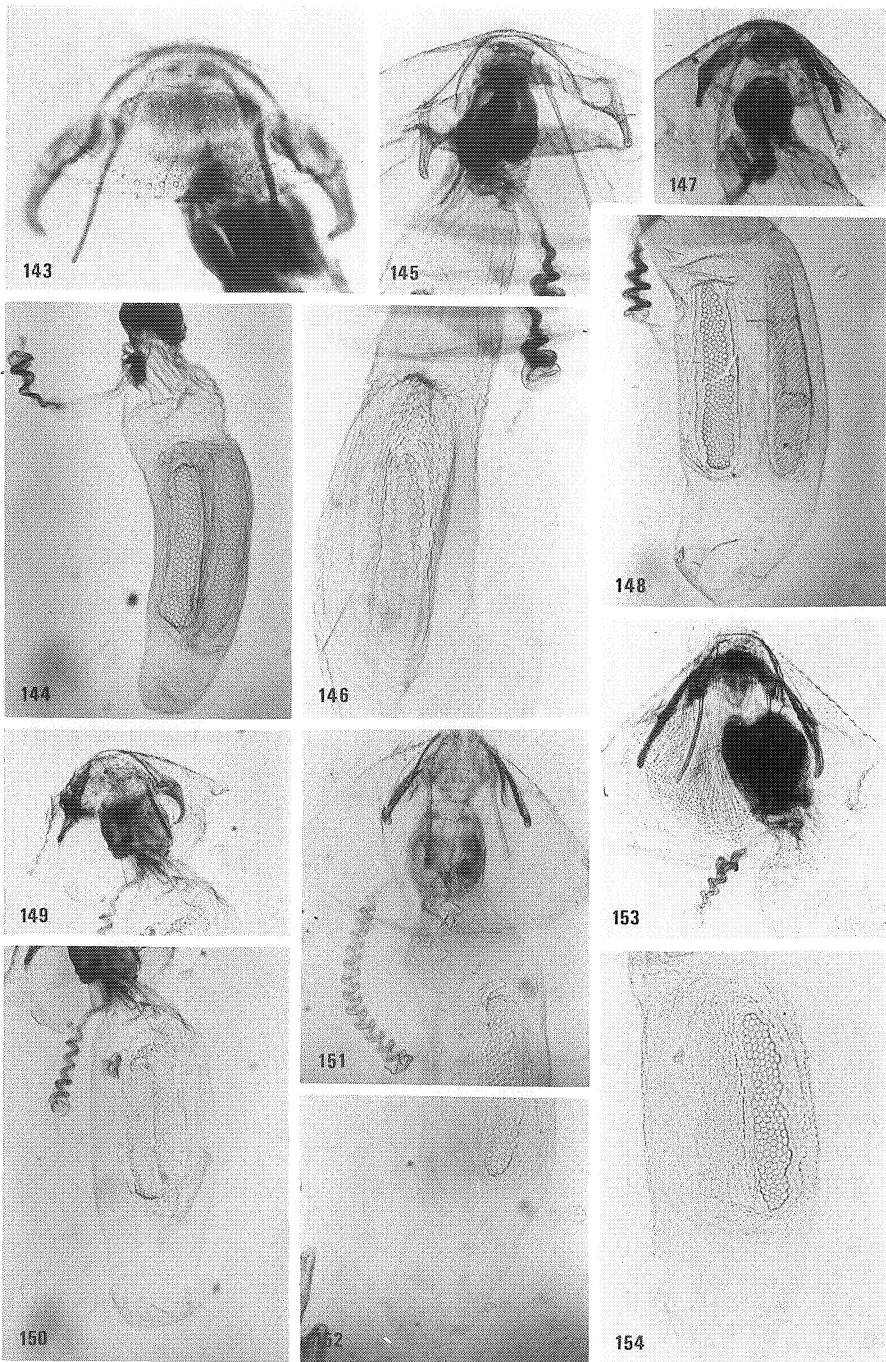
Figs. 116—124. *Ectoedemia* (s.str.) spp., ♂ genitalia, ventral aspect, aedeagus removed (except in 118, 120, 122). 116, *E. nigrosarsella*, slide VU 1378, Hungary, Törökbálint; 117, *E. albifasciella*, slide VU 864, Netherlands, Hilversum; 118, *E. cerris*, slide VU 1729, Hungary, Szár; 119, *E. pubescivora*, slide VU 1342, paralectotype, Switzerland, Somazzo; 120, *E. cf. contorta*, slide VU 909, Austria, Hundsheimer Berg; 121, *E. subbimaculella*, slide VU 863, Netherlands, Hilversum; 122, *E. beringi*, slide VU 1109, Poland, Bydgoszcz; 123, *E. beringi*, slide VU 867, paralectotype *N. zimmermanni*, Czechoslovakia, Libochowan; 124, *E. liechtensteini*, slide VU 1875, Hungary, Törökbálint.



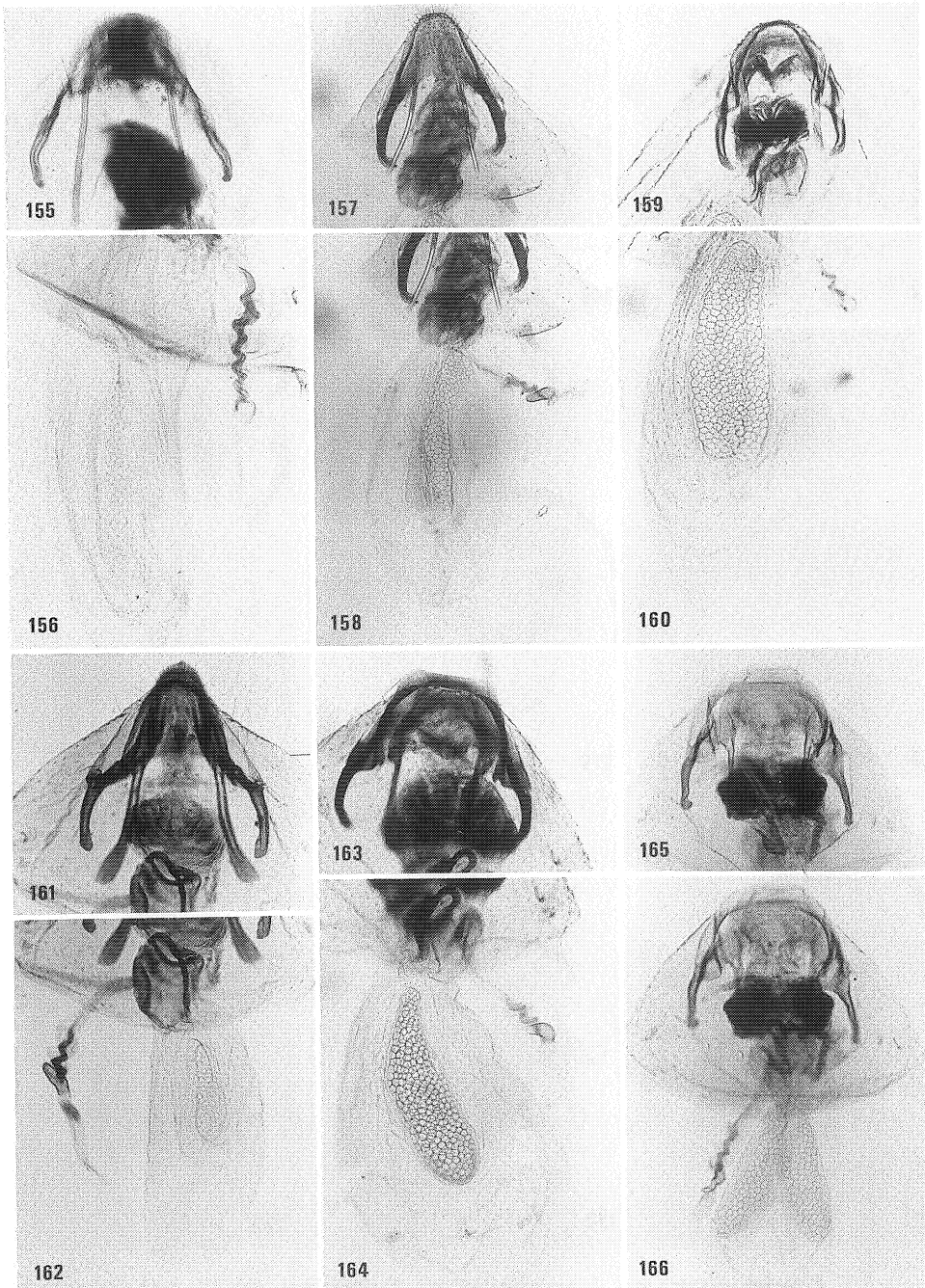
Figs. 125—133. *Ectoedemia* (s.str.) spp., ♂ genitalia, ventral aspect, aedeagus removed in 127—129. 125, *E. phyllotomella*, slide VU 1849, Italy, Mte Vulture; 126, *E. terebinthivora*, slide VU 1250, Greece, Dhelfoi; 127, *E. spiraeae*, slide VU 873, Hungary, Sástó; 128, 129, *E. erythrogenella*, slide VU 946, lectotype, 129 focussed on more dorsal part; 130, *E. hexapetalae*, slide VU 1739, Hungary, Budaörs; 131, *E. agrimoniae*, slide VU 642, Greece, Evvoia; 132, *E. agrimoniae*, slide MV 12186, East Germany, Potsdam (focussed more dorsally); 133, *E. angulifasciella*, slide MV 12180, Austria, Hundsheimer Berg.



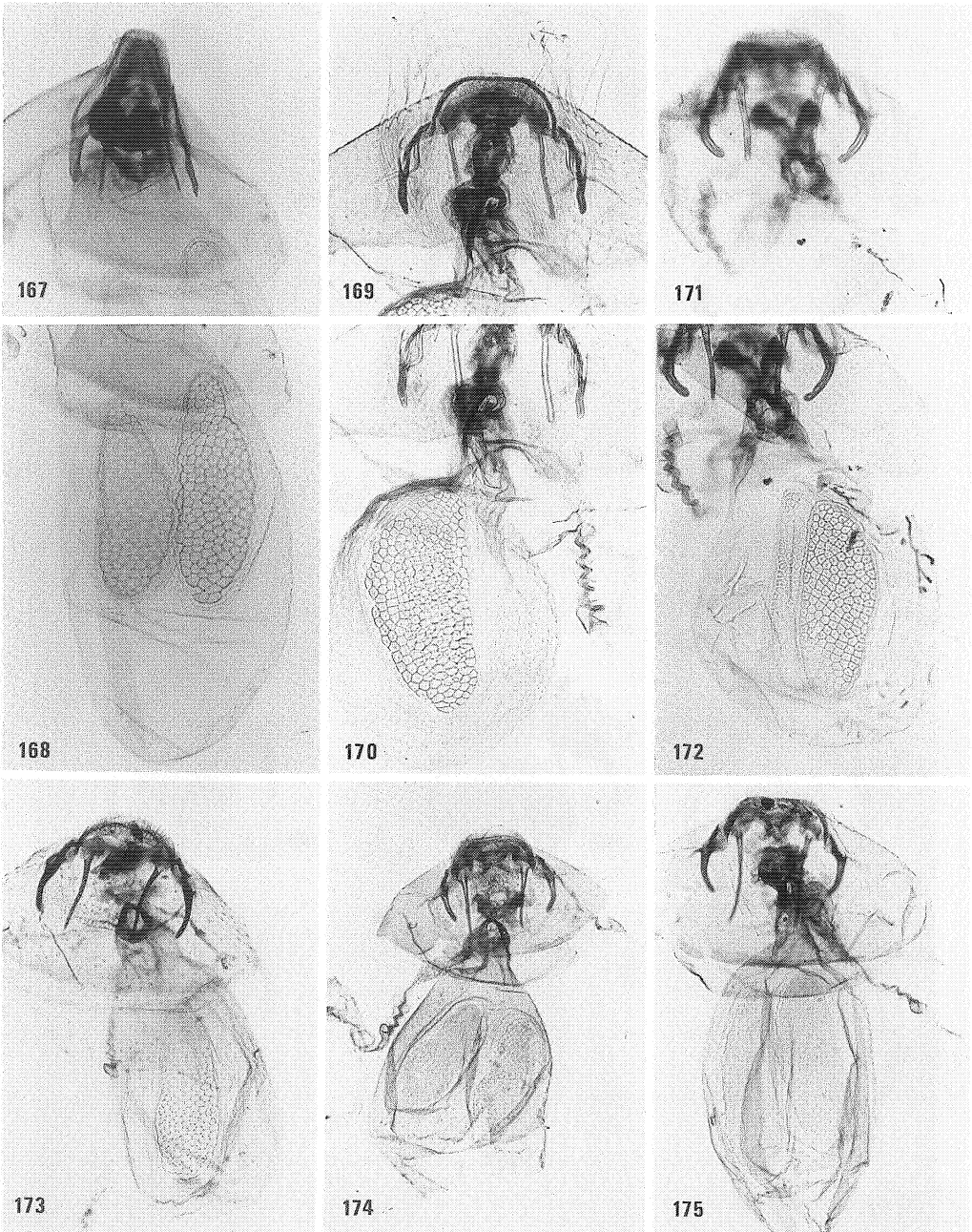
Figs. 134—142. *Ectoedemia* (s.str.) spp., ♂ genitalia, ventral aspect. 134, *E. atricollis*, slide VU 1152, France, Clamart (from *Crataegus*); 135, *E. rubivora*, slide VU 1103, Denmark, Faaborg; 136, *E. arcuatella*, slide MV 12184, East Germany, Friedland; 137, 138, *E. spinosella*, slide VU 644, Greece, Arákhova (138 focussed more dorsally); 139, *E. occultella*, slide VU 1227, France, Pralognan; 140, 141, *E. mahalebella*, slide VU 997, Greece, Mt. Timfristos, (141 focussed more dorsally); 142, *E. minimella*, slide VU 1173, Norway, Rennebu.



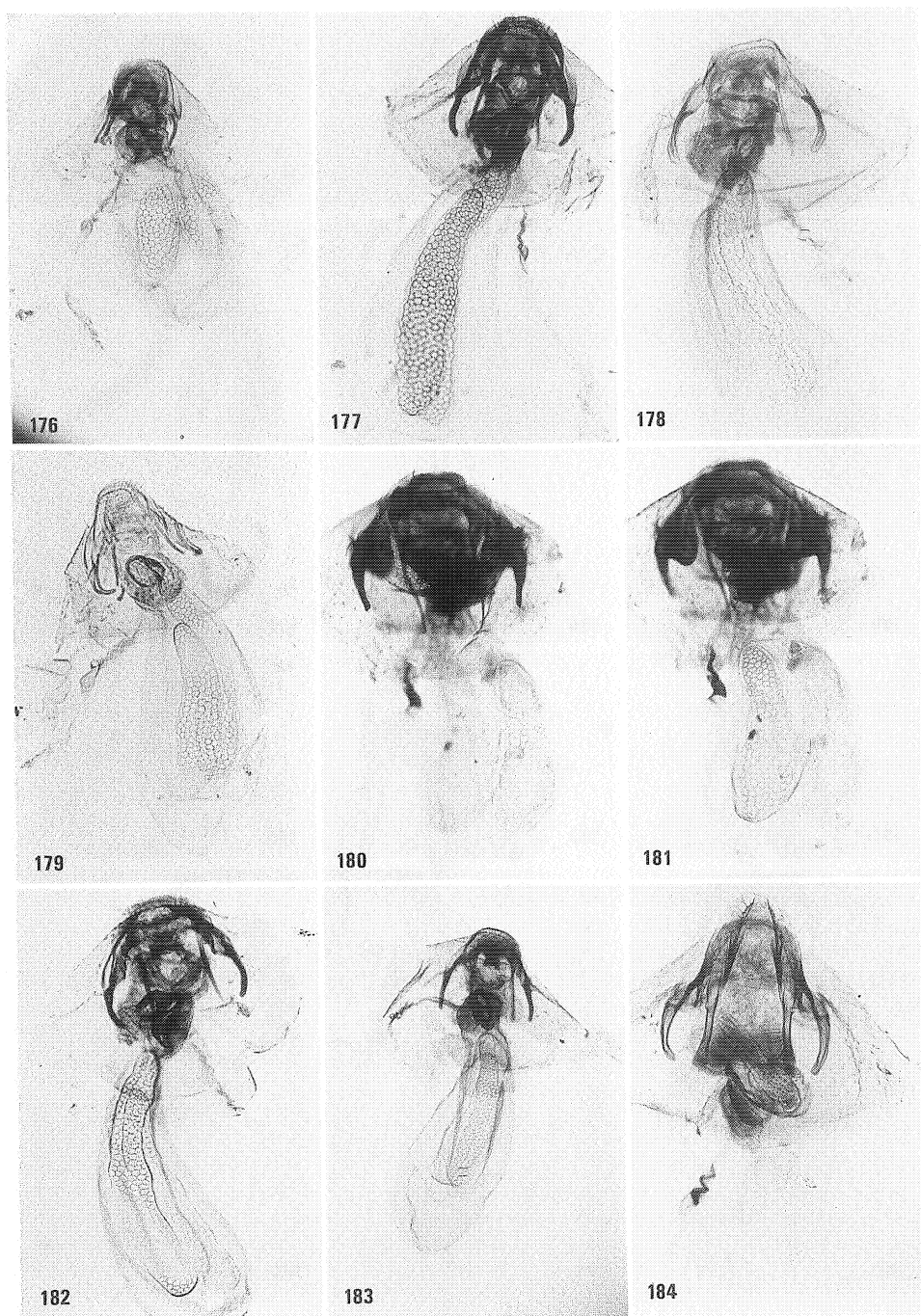
Figs. 143—154. *Ectoedemia* (*Zimmermannia*) spp., ♀ genitalia. 143, *E. atrifrontella*, abdominal tip, slide VU 496, Netherlands, Nijmegen; 144, idem, bursa, slide VU 483, Netherlands, Hilversum; 145, 146, *E. liebwerdella*, slide VU 1873, East Germany, Tharandt; 147, 148, *E. longicaudella*, slide VU 860, Belgium, Aye; 149, 150, *E. monemvasiae*, slide VU 486, paratype, Greece, Monemvasia; 151, 152, *E. amani*, slide VU 918, Sweden, Kulaberg; 153, 154, *E. nuristanica*, slide MV 12141, paratype.



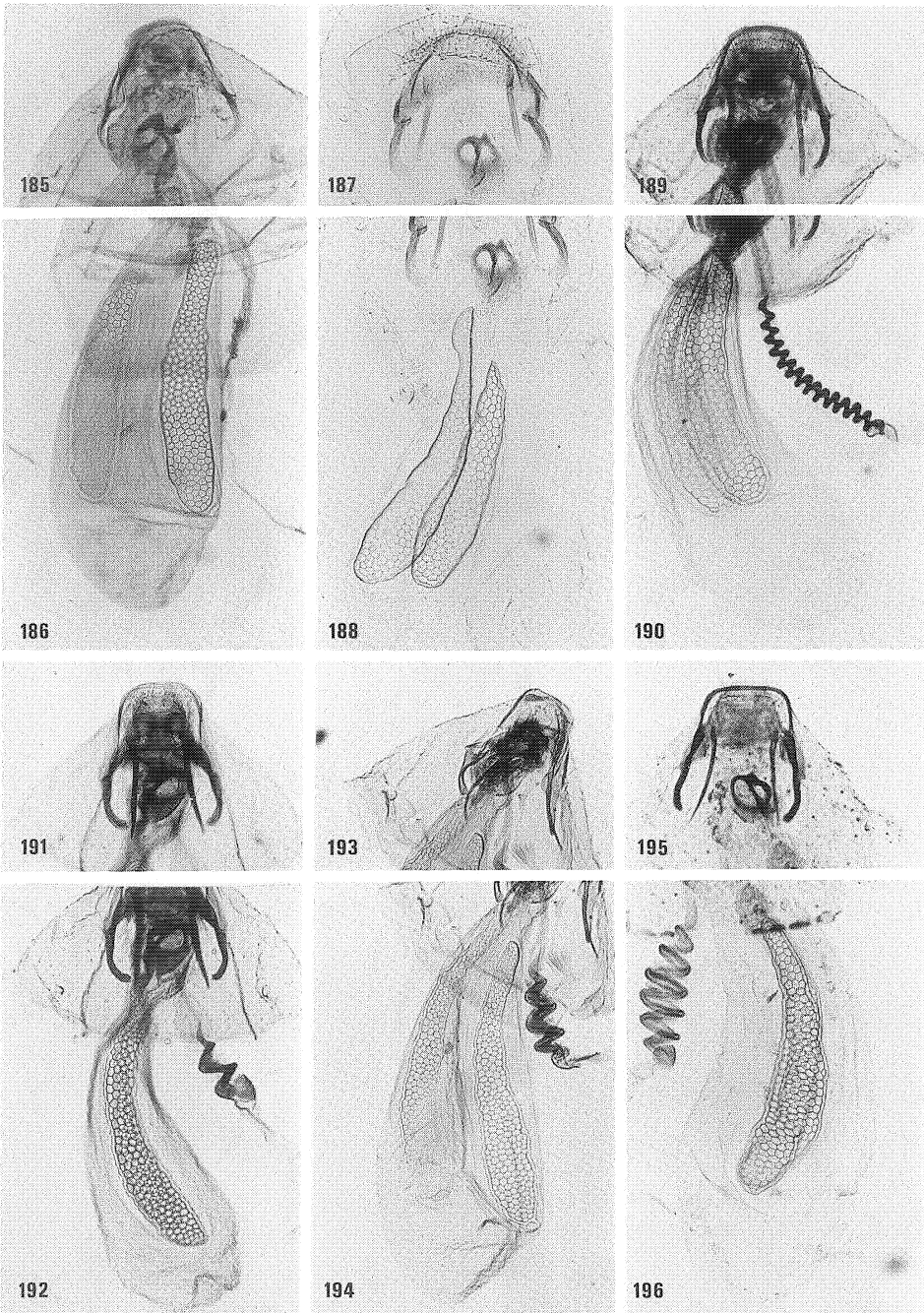
Figs. 155—166. *Ectoedemia* spp., ♀ genitalia. 155, 156, *E. liguricella*, slide VU 1414, Spain, Refugio de Juanar; 157, 158, *E. intimella*, slide VU 1254, England, Earls Colne; 159, 160, *E. hamoverella*, slide MV 12205, East Germany, Bautzen; 161, 162, *E. turbidella*, slide VU 1491, Netherlands, Santpoort; 163, 164, *E. klimeschi*, slide MV 12193, Austria, Hundsheimer Berg; 165, 166, *E. argyropeza*, slide VU 1933, Austria, Gumpoldskirchen.



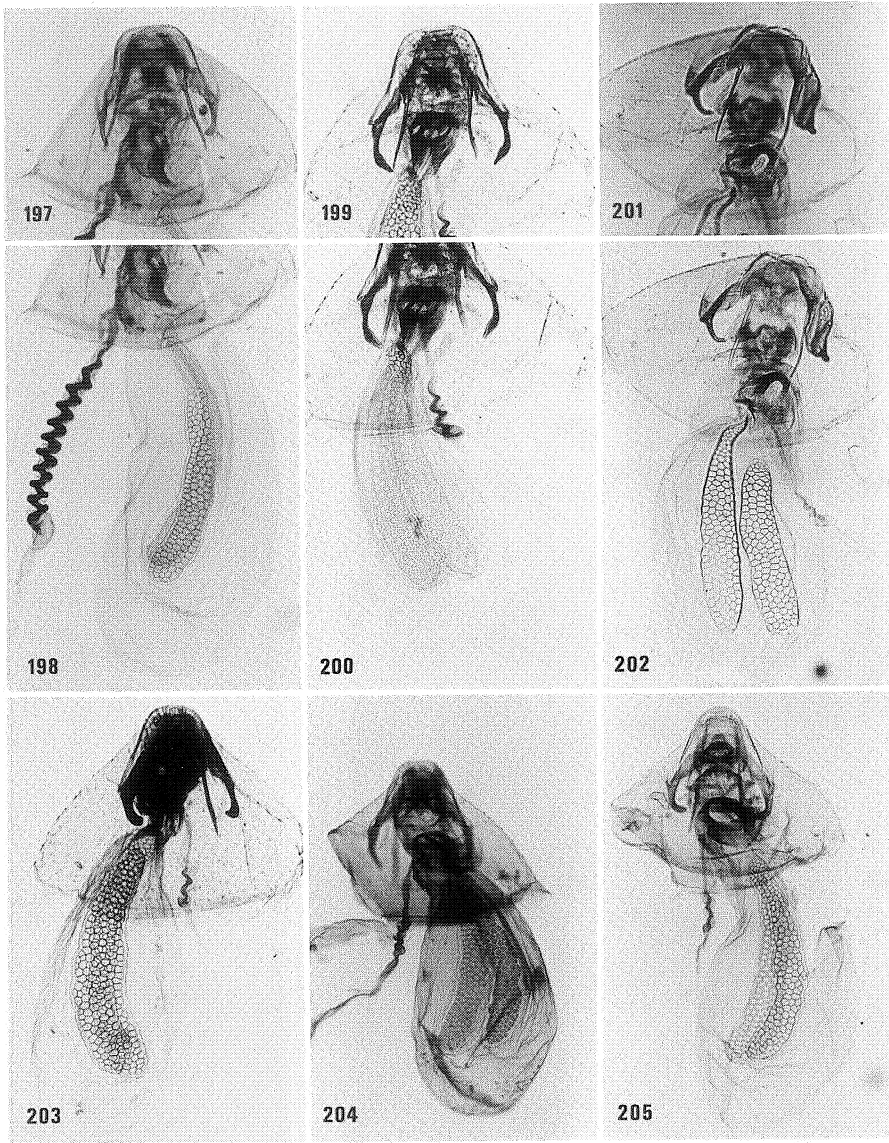
Figs. 167—175. *Ectoedemia* (s.str.) spp., ♀ genitalia. 167, 168, *E. preisseckeri*, slide VU 1955, Hungary, Budapest; 169, 170, *E. suberis*, slide VU 899, France, Golfe Juan; 171, 172, *E. andalusiae*, slide VU 1417, paratype, Spain, Camino de Ojen; 173, *E. caradjai*, slide VU 1447, USSR, Babince, ex *Quercus pubescens*; 174, *E. cf. caradjai*, slide VU 1867, Greece, Rhodos, ex *Quercus infectoria*; 175, *E. cf. caradjai*, slide VU 1393, Greece, Rhodos, ex *Quercus coccifera*.



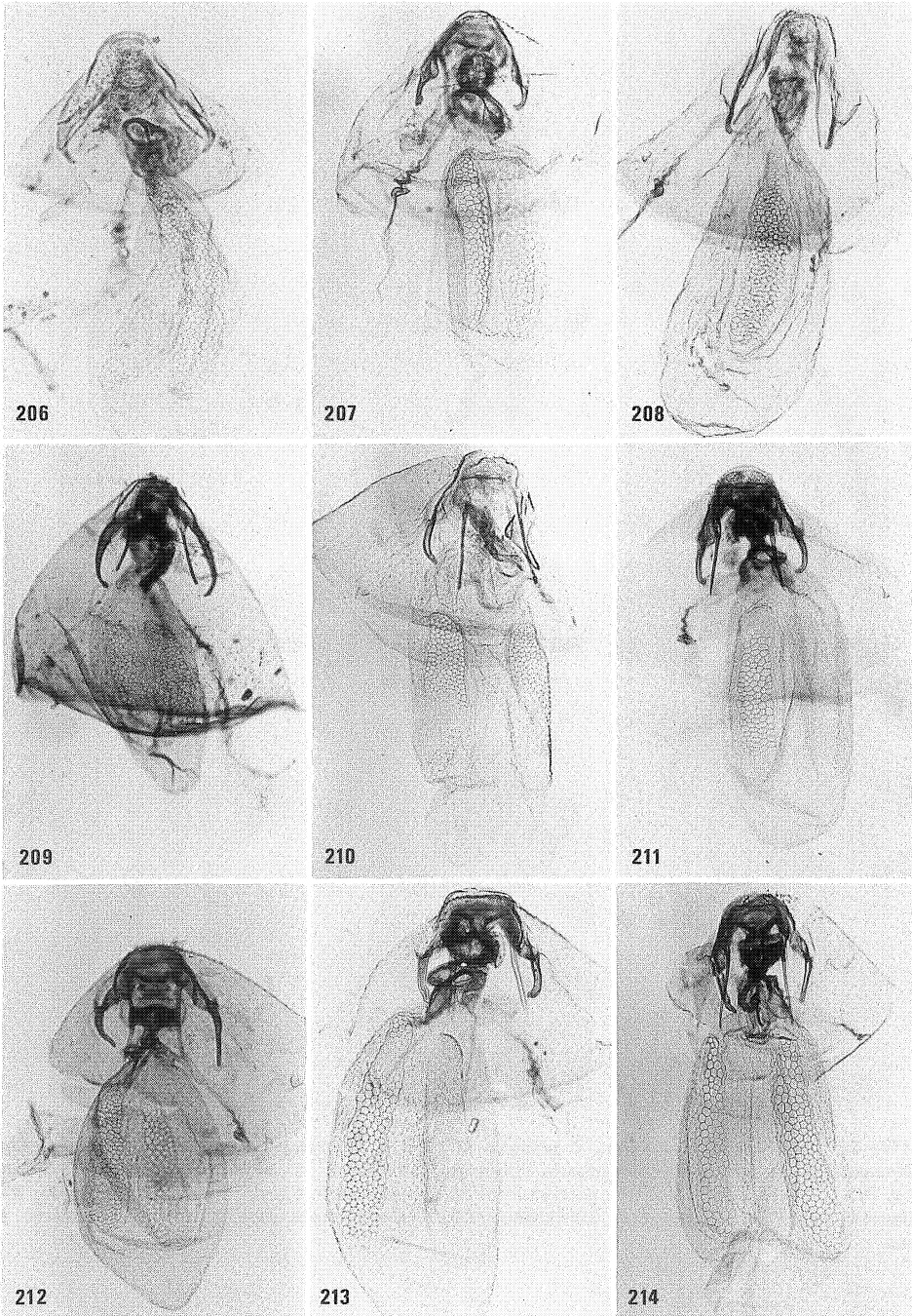
Figs. 176—184. *Ectoedemia* (s.str.) spp., ♀ genitalia. 176, *E. aegilopidella*, slide VU 1390, paratype, Greece, Rhodos; 177, *E. quinquella*, slide VU 898, England, Rainham; 178, *E. algeriensis*, slide VU 1125, holotype; 179, *E. gilvipennella*, slide VU 1380, Hungary, Törökbálint; 180, 181, *E. leucothorax*, slide Klim. 774, paratype, Spain, Marbella; 182, *E. baraldi*, slide VU 901, paralectotype, France, Angoulême; 183, *E. ilicis*, slide VU 943, paralectotype, Portugal, San Fiel; 184, *E. cf. turbidella*, slide VU 1492, Iran, Keredj.



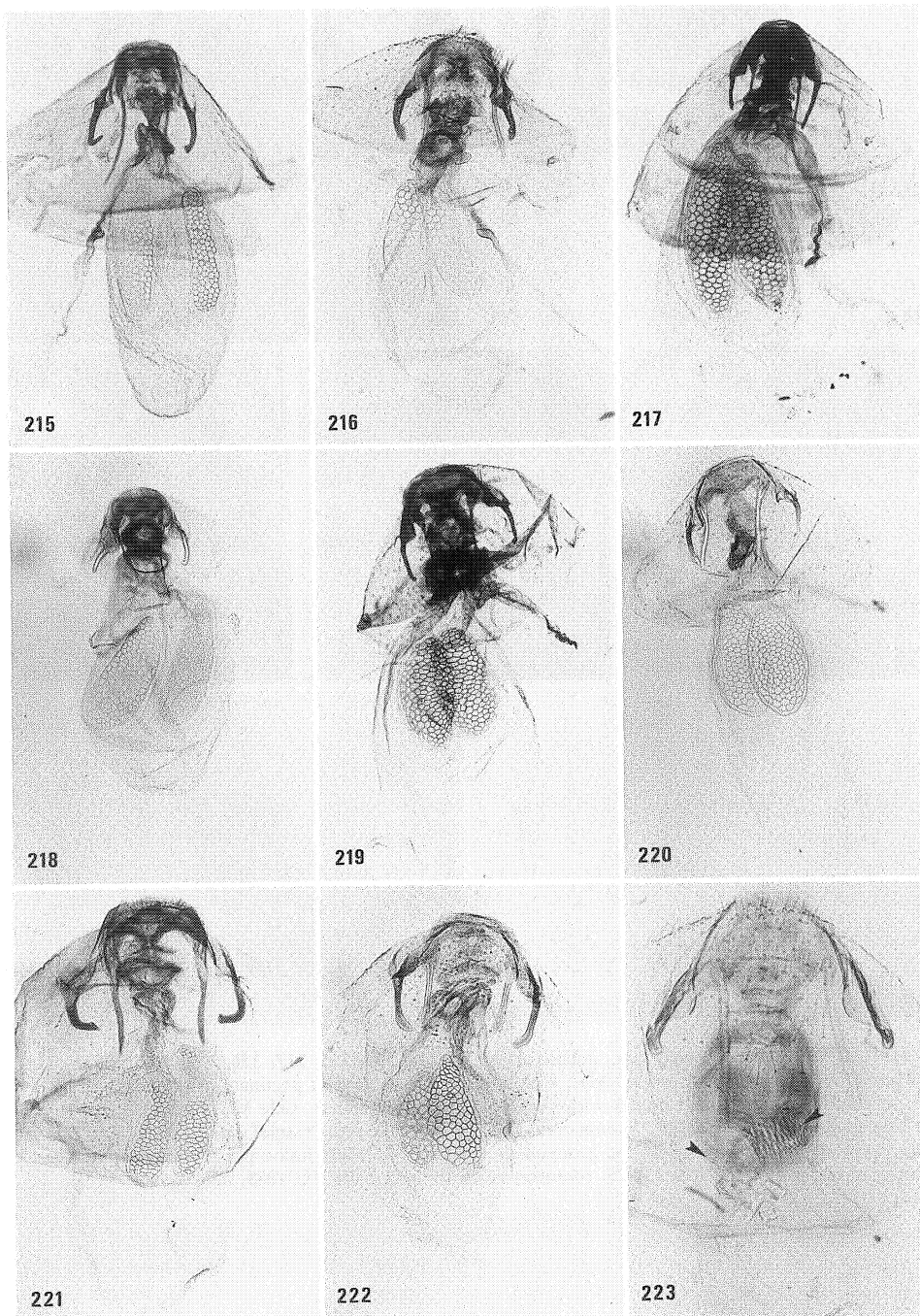
Figs. 185—196. *Ectoedemia* (s.str.) spp., ♀ genitalia. 185, 186, *E. heringella*, slide VU 1398, Italy, Monti Aurunci; 186, 187, *E. alnifoliae*, slide RM 6572, holotype; 189, 190, *E. nigrosarsella*, slide VU 897, Italy, Sardegna; 191, 192, *E. albifasciella*, slide VU 892, Netherlands, Hilversum; 193, 194, *E. cerris*, slide VU 1333, lectotype; 195, 196, *E. pubescivora*, slide VU 1403, Italy, Sardegna, Belvi.



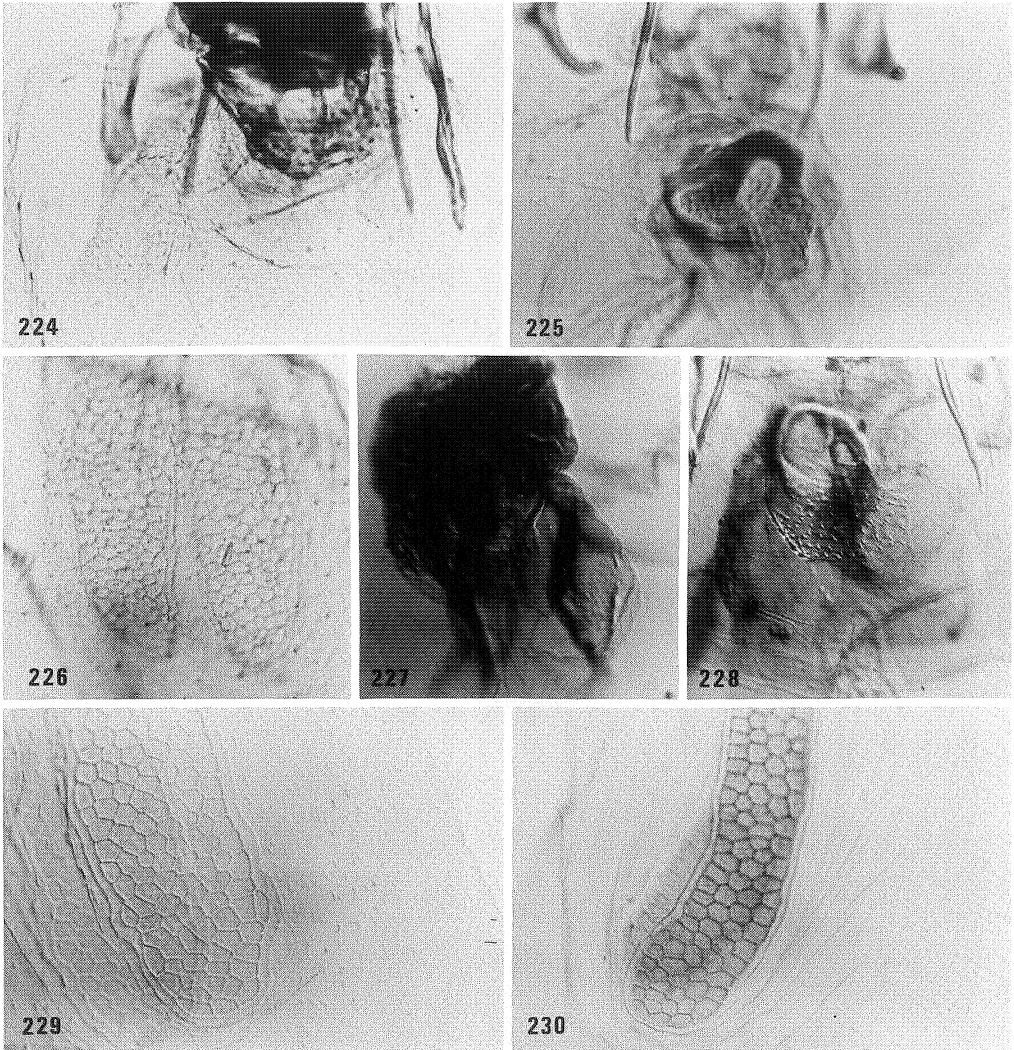
Figs. 197—205. *Ectoedemia* (s.str.) spp., ♀ genitalia. 197, 198, *E. contorta*, slide VU 1388, holotype; 199, 200, *E. subbimaculella*, slide VU 891, Netherlands, Hilversum; 201, 202, *E. terebinthivora*, slide VU 1245, Greece, Dhelfoi; 203, *E. heringi*, slide VU 894, paralectotype *N. zimmermanni*, Czechoslovakia, Libochowan; 204, *E. liechtensteini*, slide VU 1876, Hungary, Törökbálint; 205, *E. phyllotomella*, slide VU 1392, paralectotype, Italy, Ferrania.



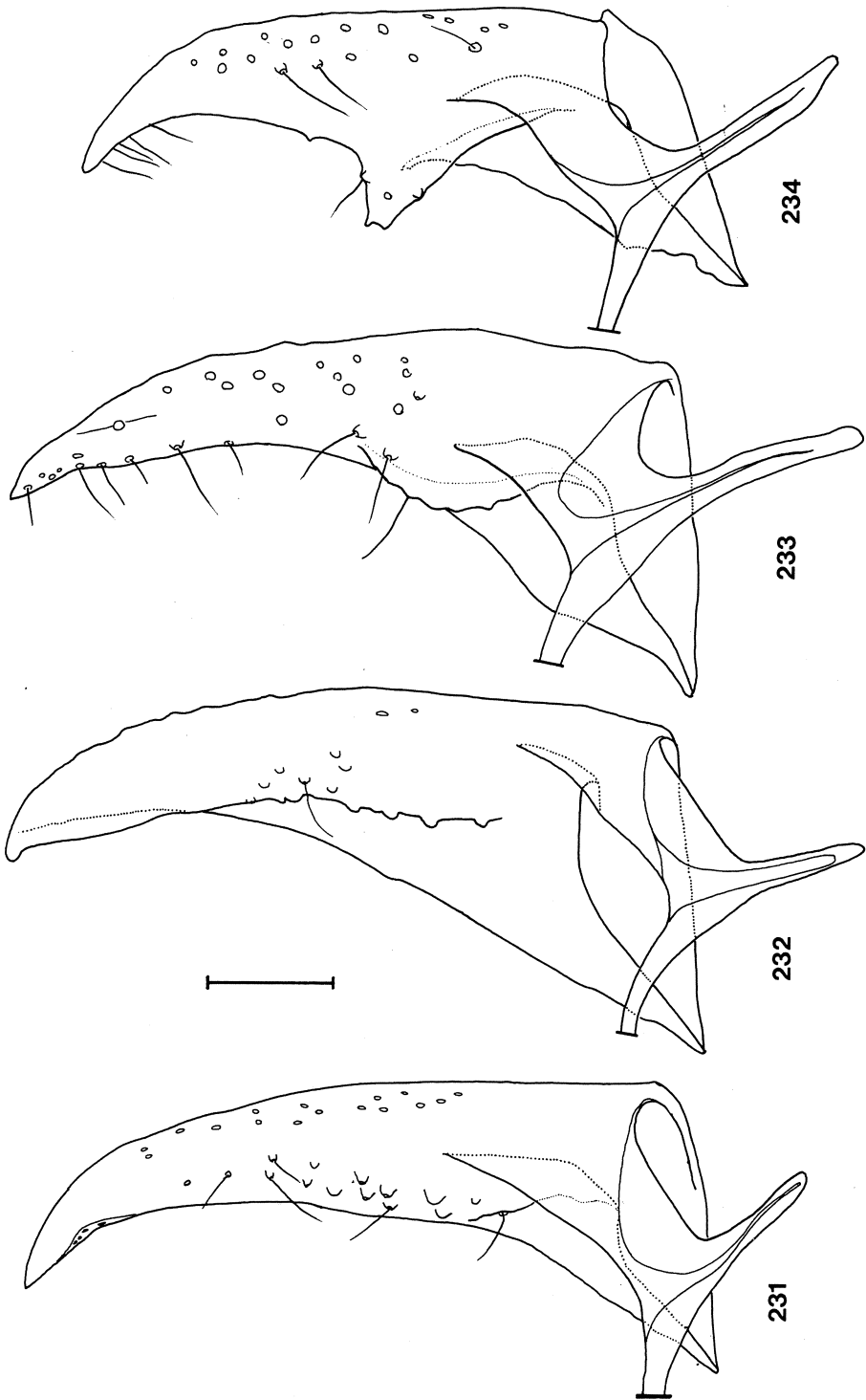
Figs. 206—214. *Ectoedemia* (s.str.) spp., ♀ genitalia. 206, *E. spec.* (specimen 1375), slide VU 1375, Iran, W. Shiraz; 207, *E. erythrogenella*, slide VU 972, France, Vannes; 208, *E. spiracae*, VU 1868, paratype, Czechoslovakia, Čingov; 209, *E. agrimoniae*, slide VU 970, Greece, Kátsika; 210, *E. hexapetalae*, slide VU 1741, Hungary, Budaörs; 211, *E. angulifasciella*, slide MV 12178, no locality, ex *Rosa*; 212, *E. angulifasciella*, slide VU 1345, paralectotype *N. utensis*, Switzerland, Zürich, ex *Sanguisorba*; 213, *E. atricollis*, slide MV 12177, Austria, Linz; 214, *E. atricollis*, slide VU 1186, Hungary, Budapest, ex *Staphylea*.



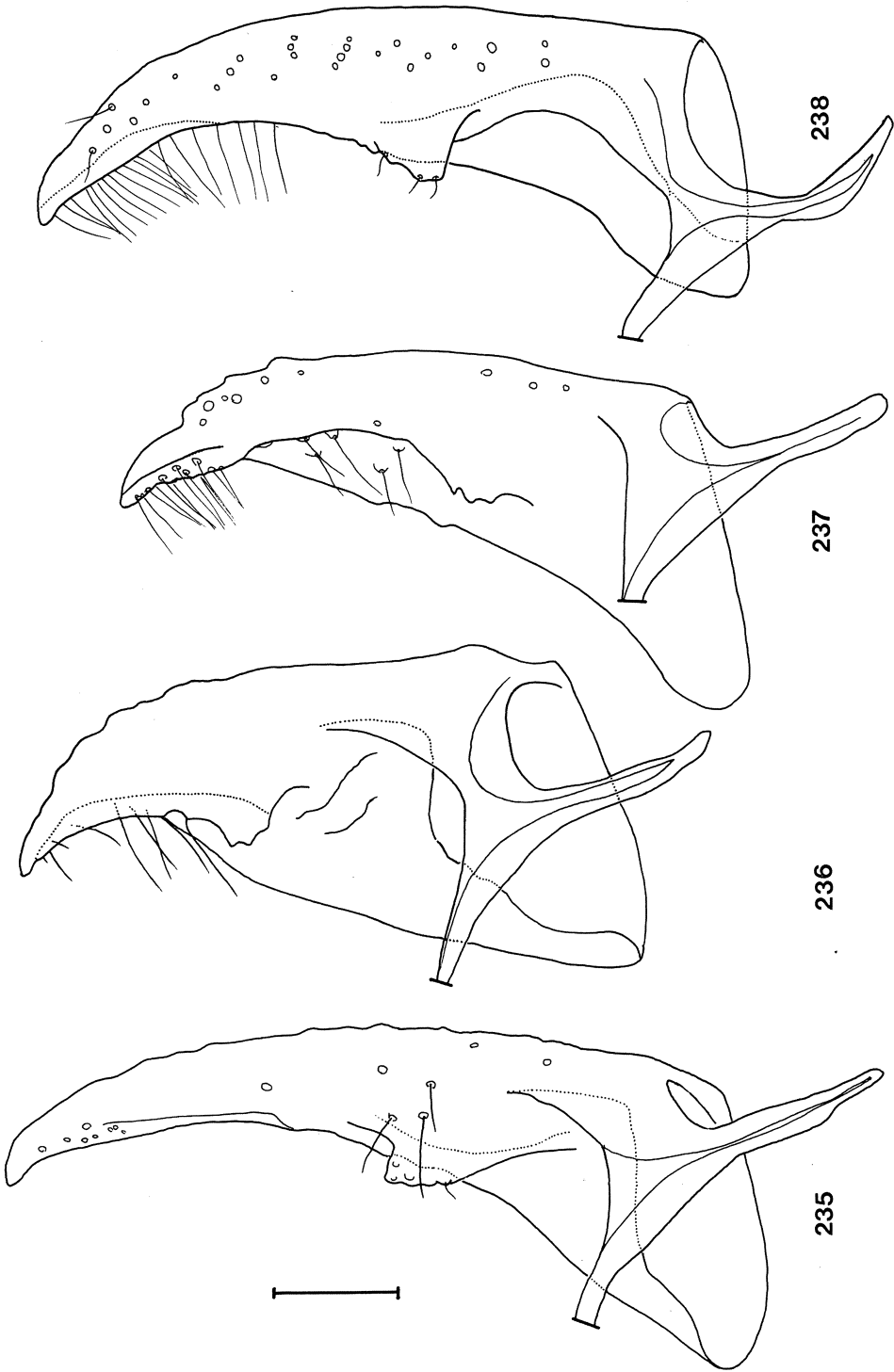
Figs. 215—222. *Ectoedemia* (s.str.) spp., ♀ genitalia. 215, *E. arcuatella*, slide MV 12183, Austria, Wien; 216, *E. rubivora*, slide VU 964, Netherlands, Winterswijk; 217, *E. spinosella*, slide VU 947, lectotype; 218, *E. spinosella*, slide VU 1171, Greece, Arákhova, ex *Prunus dulcis*; 219, *E. mahalebella*, slide VU 976, Greece, Mt. Timfristos; 220, *E. mahalebella*, slide VU 1751, Hungary, Budaörs; 221, *E. occultella*, slide VU 1182, Austria; 222, *E. minimella*, slide VU 1220, France, Pralognan; 223, *E. (Zimmermannia) amani*, detail of vestibulum with two groups of spines (arrows), slide VU 918, Sweden, Kullaberg.



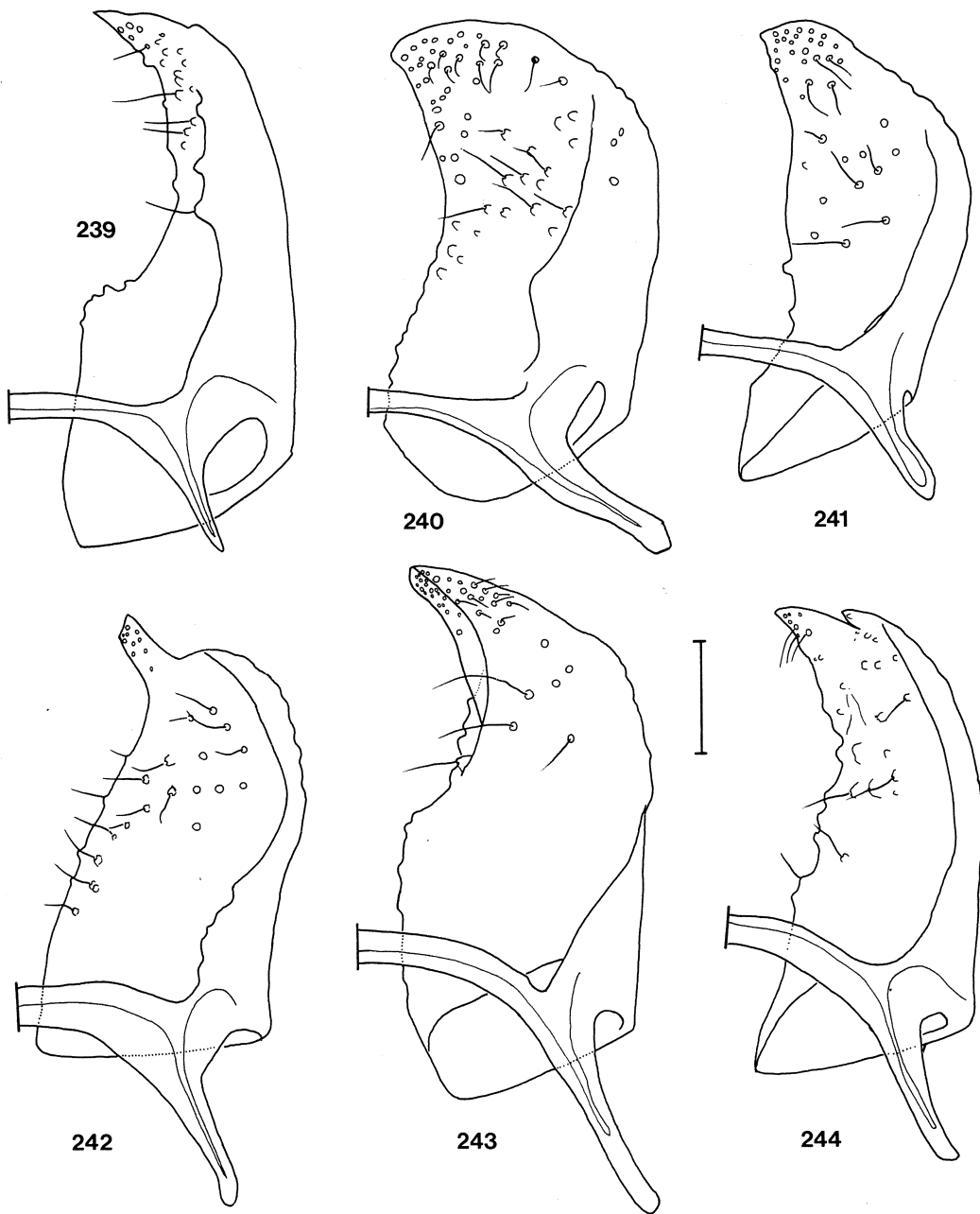
Figs. 224—230. *Ectoedemia* (s.str.) spp., details of ♀ genitalia. 224, 225, 227, 228, Vestibulum; 226, 229, 230, Part of bursa with signa. 224, *E. preisseckeri*, with dense concentration of pectinations (arrow), slide VU 1955; 225, *E. terebinthivora*, spiculate pouch with single, long pointed spines, slide VU 1245; 226, *E. agrimoniae*, "spiny" signa, slide VU 970; 227, *E. hamnoverella*, spiculate pouch with "single" spines, slide VU 1208; 228, *E. contorta*, spiculate pouch with single and grouped spines, slide VU 1388, holotype; 229, *E. hamnoverella*, bursa with pectinations, slide VU 1208; 230, *E. contorta*, bursa smooth, slide VU 1388, holotype.



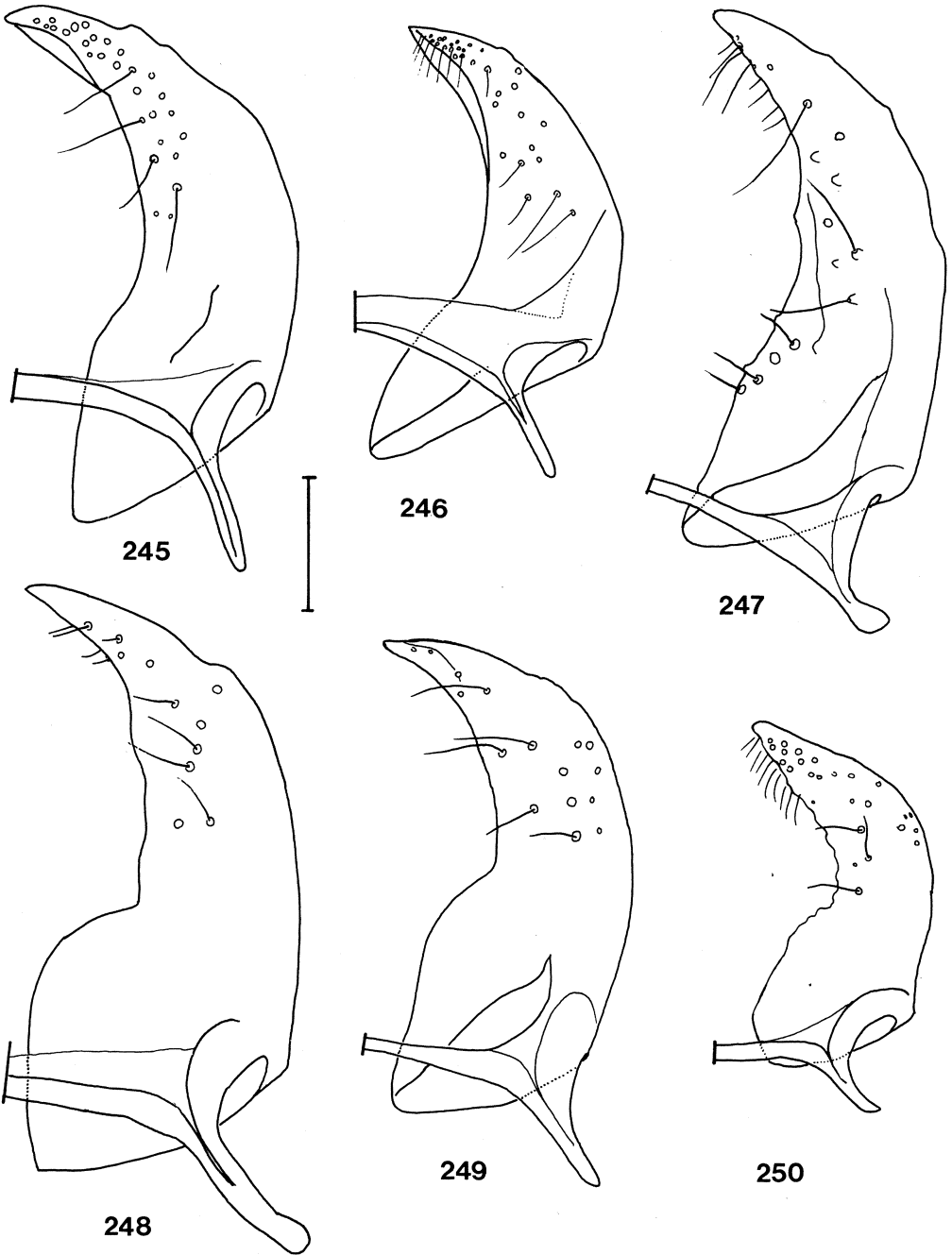
Figs. 231—234. *Ectoedemia (Zimmermannia)* spp., ♂, valva, dorsal (inner) aspect. 231, *E. atrifrontella*, slide VU 938, France, "Antarv."; 232, *E. liebwerdella*, slide VU 1457, East Germany, Tharandt; 233, *E. longicaudella*, slide MV 12138, Austria, Gumpoldskirchen; 234, *E. hispanica*, slide VU 1830, paratype, Spain, Rubielos de Mora. Scale: 0.05 mm.



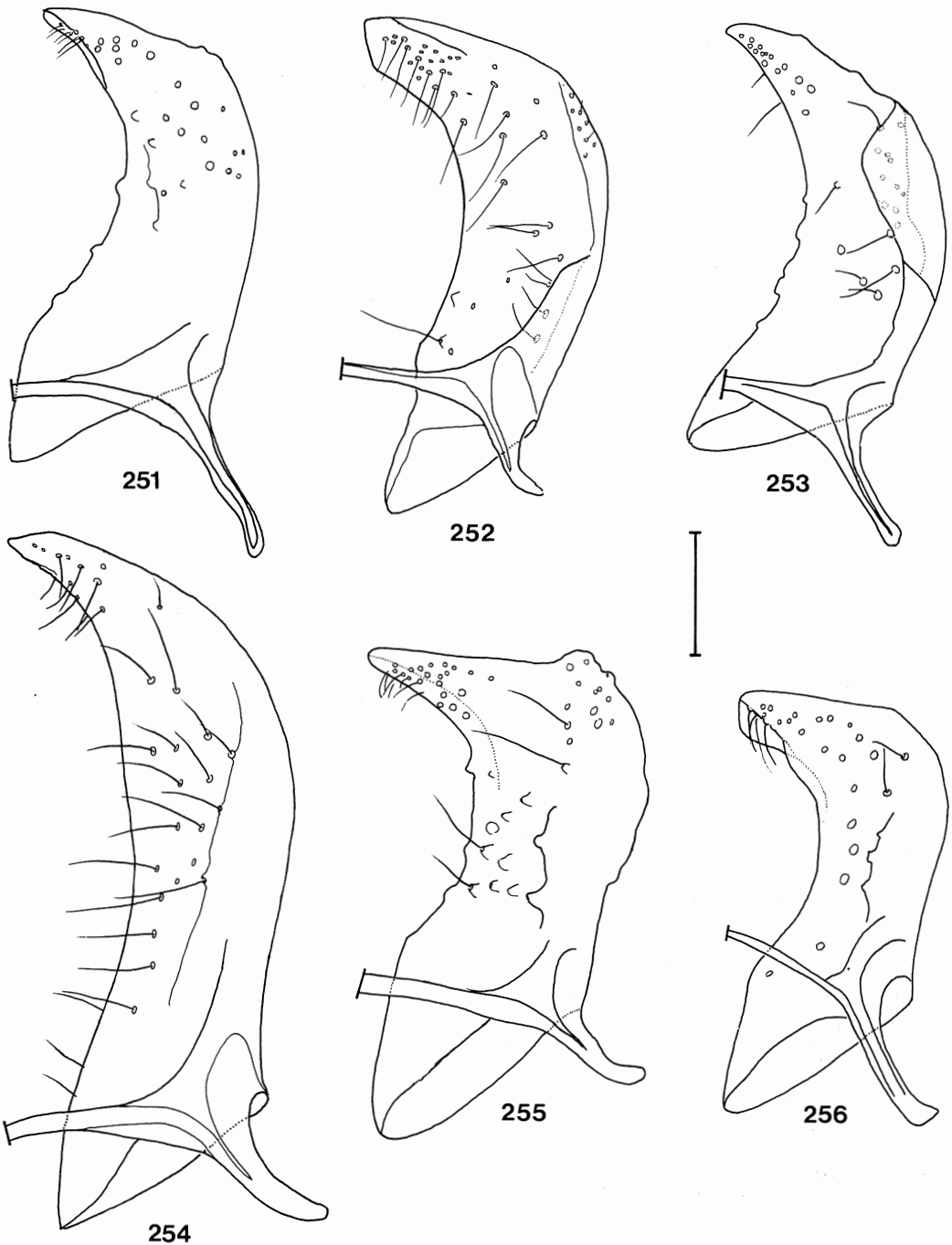
Figs. 235—238. *Ectoedemia (Zimmermannia) spp.*, ♂, valva, dorsal (inner) aspect. 235, *E. monemvasiae*, slide VU 1372, paratype, Greece, Monemvasia; 236, *E. amani*, slide VU 1865, Austria, Klosterneuburg; 237, *E. nuristanica*, slide MV 5402, holotype; 238, *E. liguricella*, slide VU 1828, Spain, Sierra Alfacar. Scale: 0.05 mm.



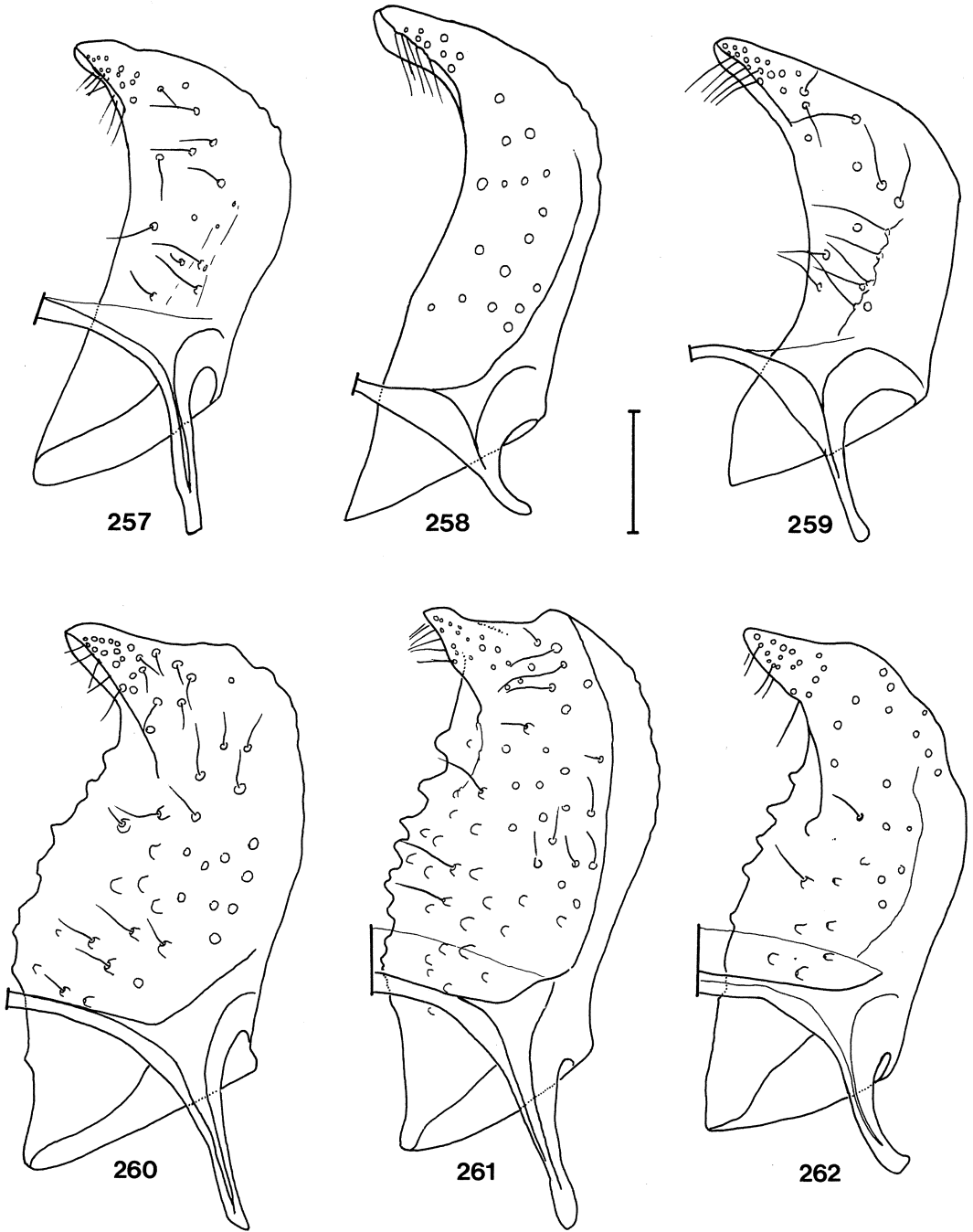
Figs. 239—244. *Ectoedemia* (s.str.) spp., *populella* and *preisseckeri* groups, ♂ valva, dorsal (inner) aspect. 239, *E. intimella*, slide VU 1253, England, Earls Colne; 240, *E. populella*, slide VU 1252, syntype, USA; 241, *E. hannoverella*, slide MV 12202, West Germany, Baiern; 242, *E. turbidella*, slide MV 12206, Austria, Linz; 243, *E. klimeschi*, slide VU 1230, Austria, Linz; 244, *E. preisseckeri*, slide MV 12218, Austria, Wien. Scale: 0.05 mm.



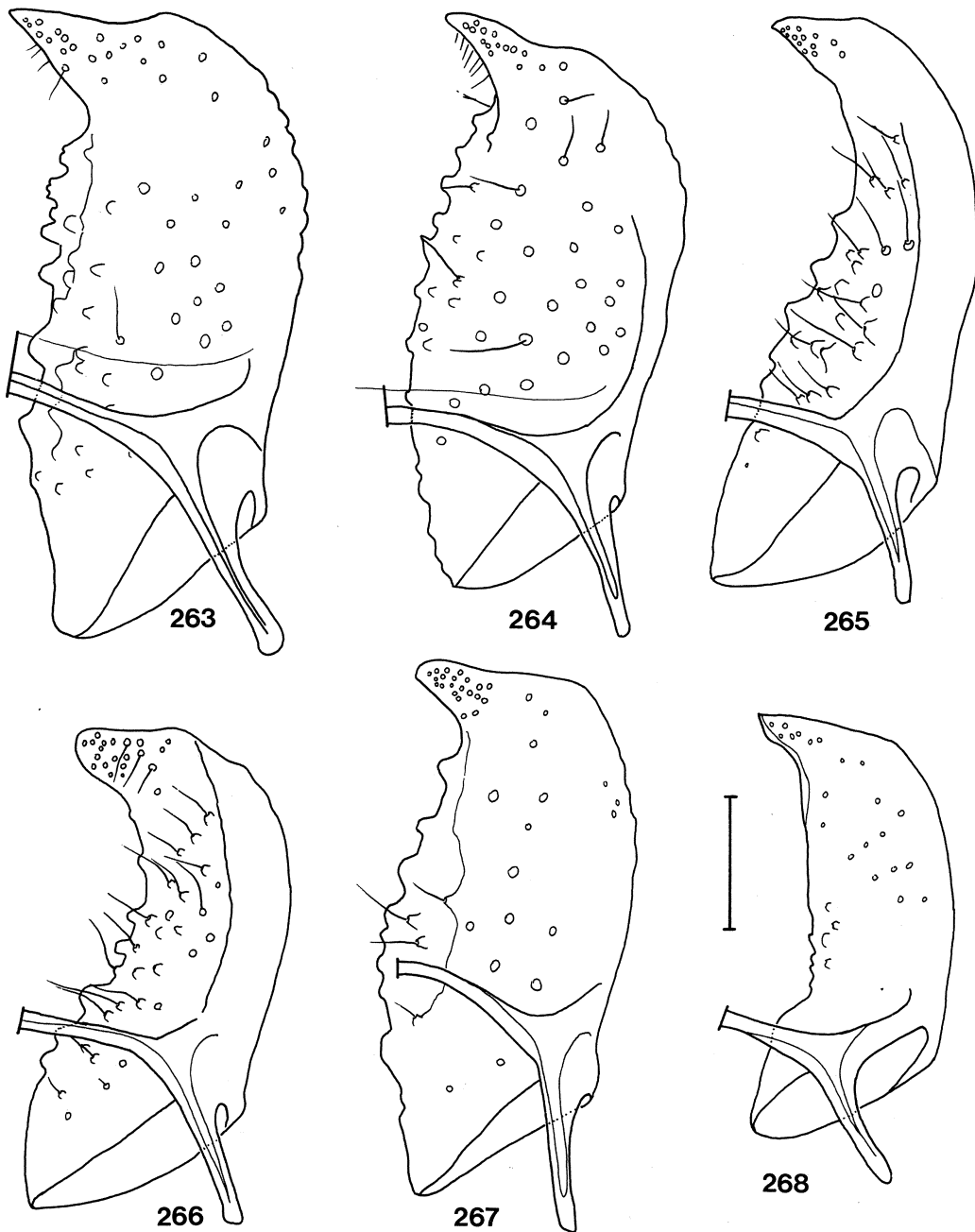
Figs. 245—250. *Ectoedemia* (s.str.) spp., *suberis* group, ♂, valva, dorsal (inner) aspect. 245, *E. caradjai*, slide MV 12153, Austria, Gumpoldskirchen; 246, *E. cf. caradjai*, slide Klim. 4200, Greece, Rhodos, from *Quercus infectoria*; 247, *E. spec.* (specimen 1843), slide VU 1843, Spain, Rubielos de Mora; 248, *E. suberis*, slide VU 1112, France, "Nesp."; 249, *E. andalusiae*, slide VU 1416, paratype, Spain, Camino de Ojen; 250, *E. aegilopidella*, slide Klim. 1299, paratype, Greece, Rhodos. Scale: 0.05 mm.



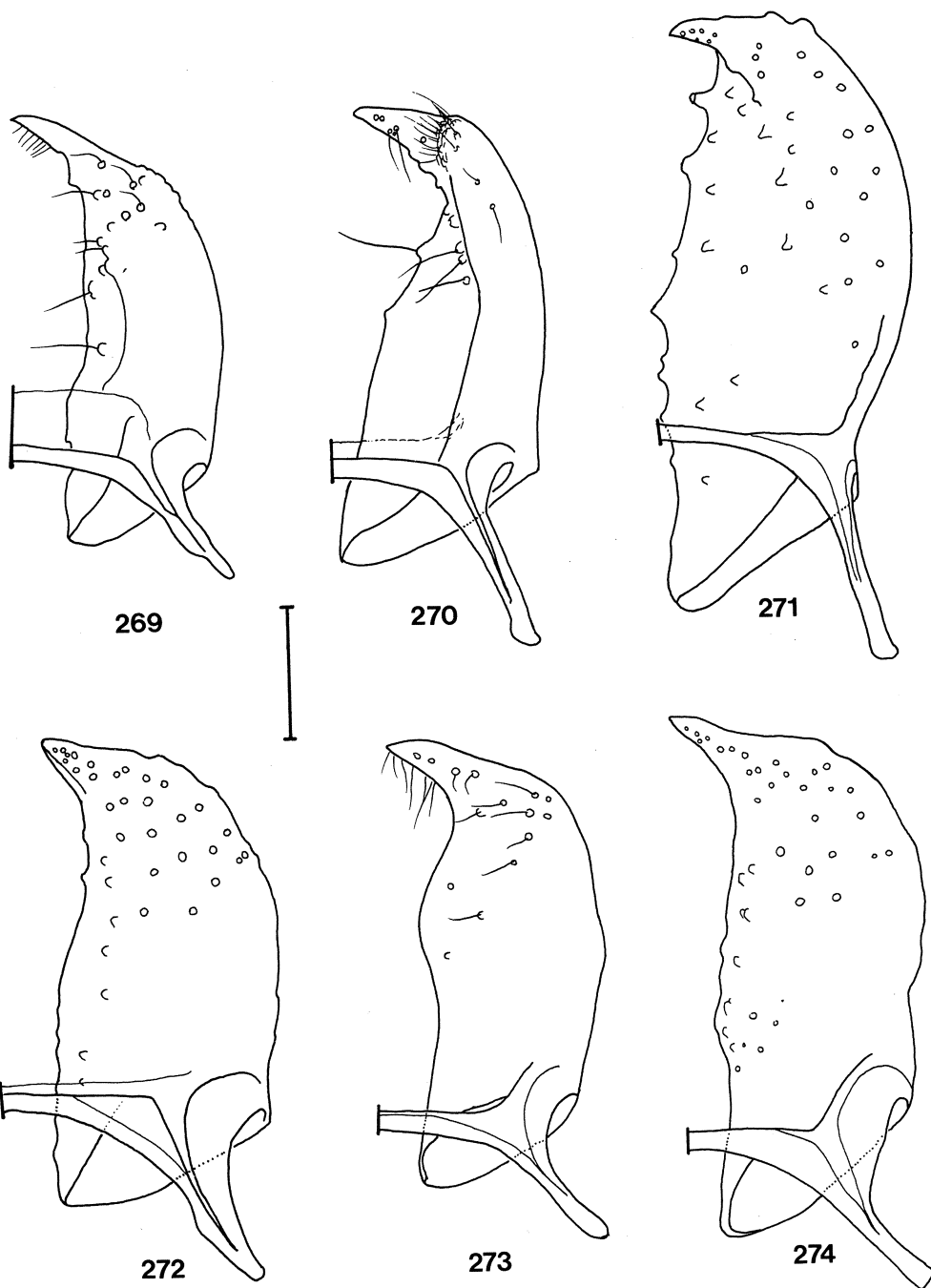
Figs. 251—256. *Ectoedemia* (s.str.) spp., *subbimaculella*-group, ♂, valva, dorsal (inner) aspect. 251, *E. quin-quella*, slide VU 1111, England, Rainham; 252, *E. cf. algeriensis*, slide VU 1864, Morocco, Azrou; 253, *E. gilvi-pennella*, slide VU 1381, Hungary, Törökbálint; 254, *E. leucothorax*, slide VU 1885, paratype, Spain, Camino de Ojen; 255, *E. haraldi*, slide VU 942, Portugal, [San Fiel]; 256, *E. ilicis*, slide VU 1358, lectotype. Scale: 0.05 mm.



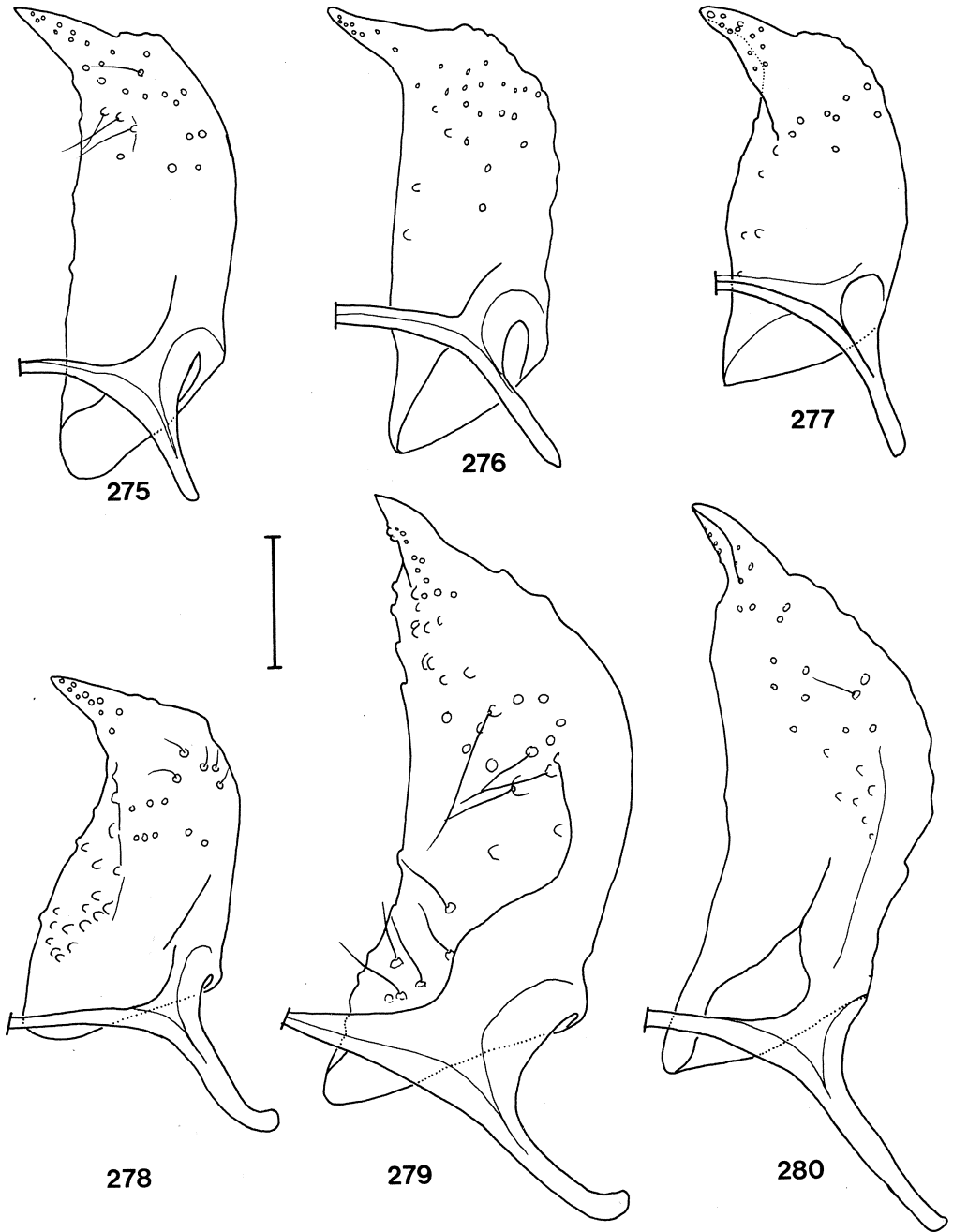
Figs. 257—262. *Ectoedemia* (s.str.) spp., *subbimaculella* group, ♂, valva, dorsal (inner) aspect. 257, *E. ilicis*, slide VU 1420, Spain, Marbella; 258, *E. heringella*, slide VU 1395, Italy, Monti Aurunci; 259, *E. heringella*, slide RM 6666, Cyprus, Arakapos; 260, *E. nigrosparsella*, slide VU 1378, Hungary, Törökbálint; 261, *E. albifasciella*, slide VU 637, Netherlands, Winterswijk; 262, *E. cerris*, slide VU 1729, Hungary, Szár. Scale: 0.05 mm.



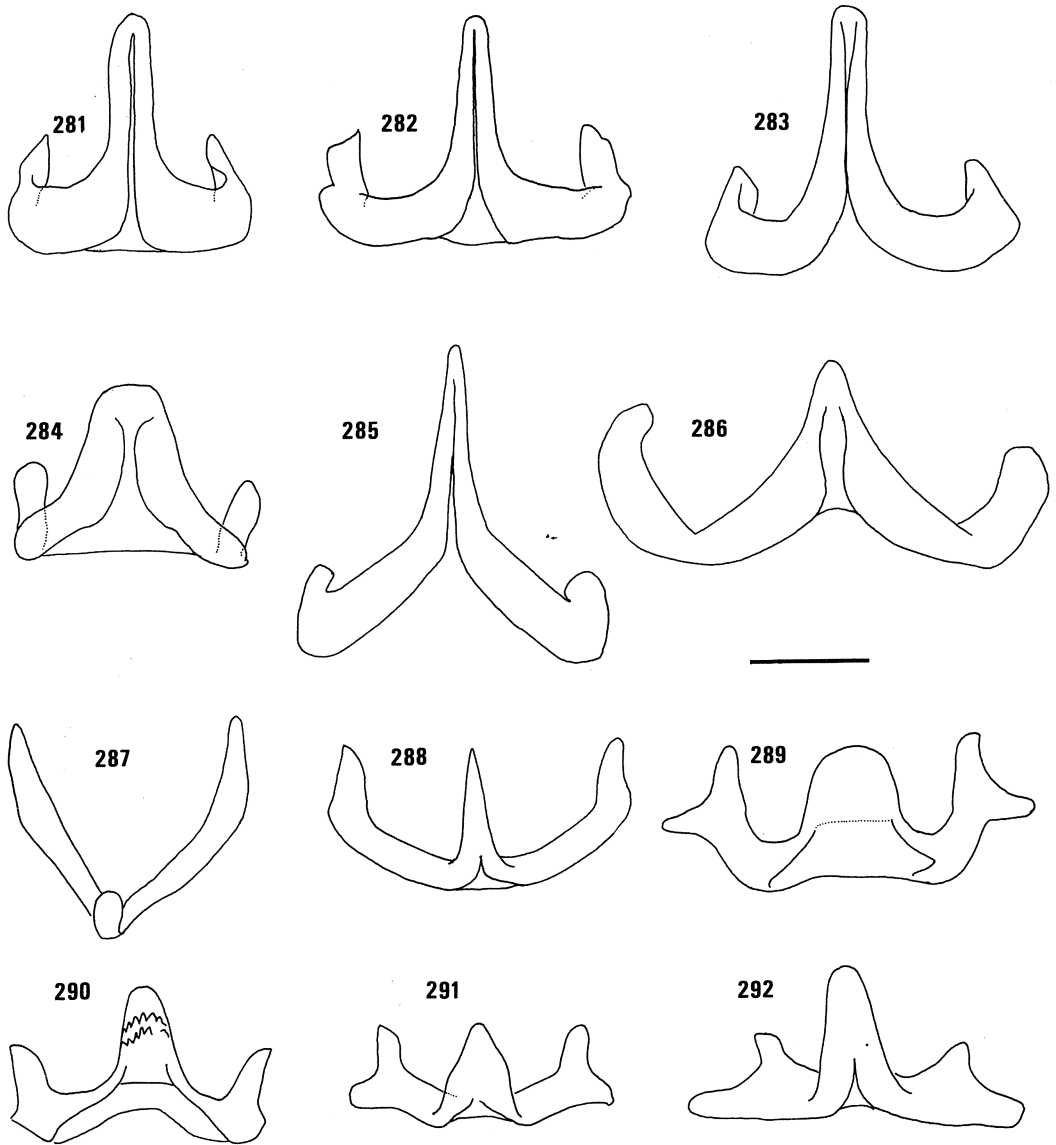
Figs. 263—268. *Ectoedemia* (s.str.) spp., *subbimaculella* and *terebinthivora* group, ♂, valva, dorsal (inner) aspect. 263, *E. pubescivora*, slide VU 1342, paralectotype, Switzerland, Somazzo; 264, *E. cf. contorta*, slide VU 1387, Hungary, Nagykovacsí; 265, *E. subbimaculella*, slide VU 1105, France, Alouette Pessac; 266, *E. heringi*, slide MV 12142, Austria, Klosterneuburg; 267, *E. phyllotomella*, slide Klim. 269, paralectotype, Italy, Ferrania; 268, *E. terebinthivora*, slide VU 1250, Greece, Dhelfoi. Scale: 0.05 mm.



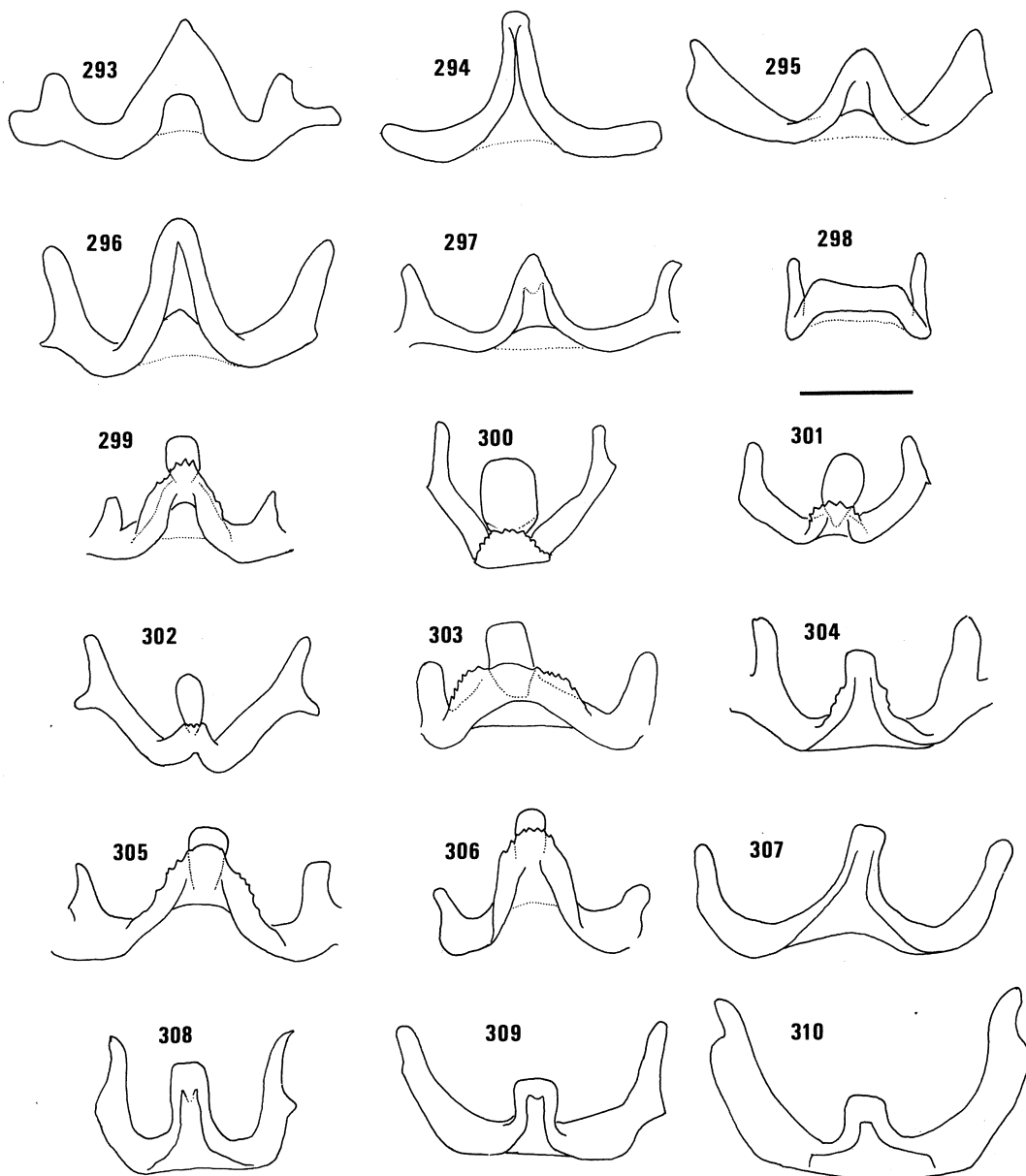
Figs. 269—274. *Ectoedemia* (s.str.) spp., *angulifasciella* group, ♂, valva, dorsal (inner) aspect. 269, *E. erythro-*
genella, slide VU 1170, paralectotype, France, Vannes; 270, *E. agrimoniae*, slide VU 642, Greece, Evvoia; 271,
E. spiraeae, slide VU 873, Hungary, Sástó; 272, *E. hexapetalae*, slide VU 1739, Hungary, Budaörs; 273,
E. angulifasciella, slide MV 12180, Austria, Hundsheimer Berg; 274, *E. atricollis*, slide VU 608, Netherlands,
 Winterswijk. Scale: 0.05 mm.



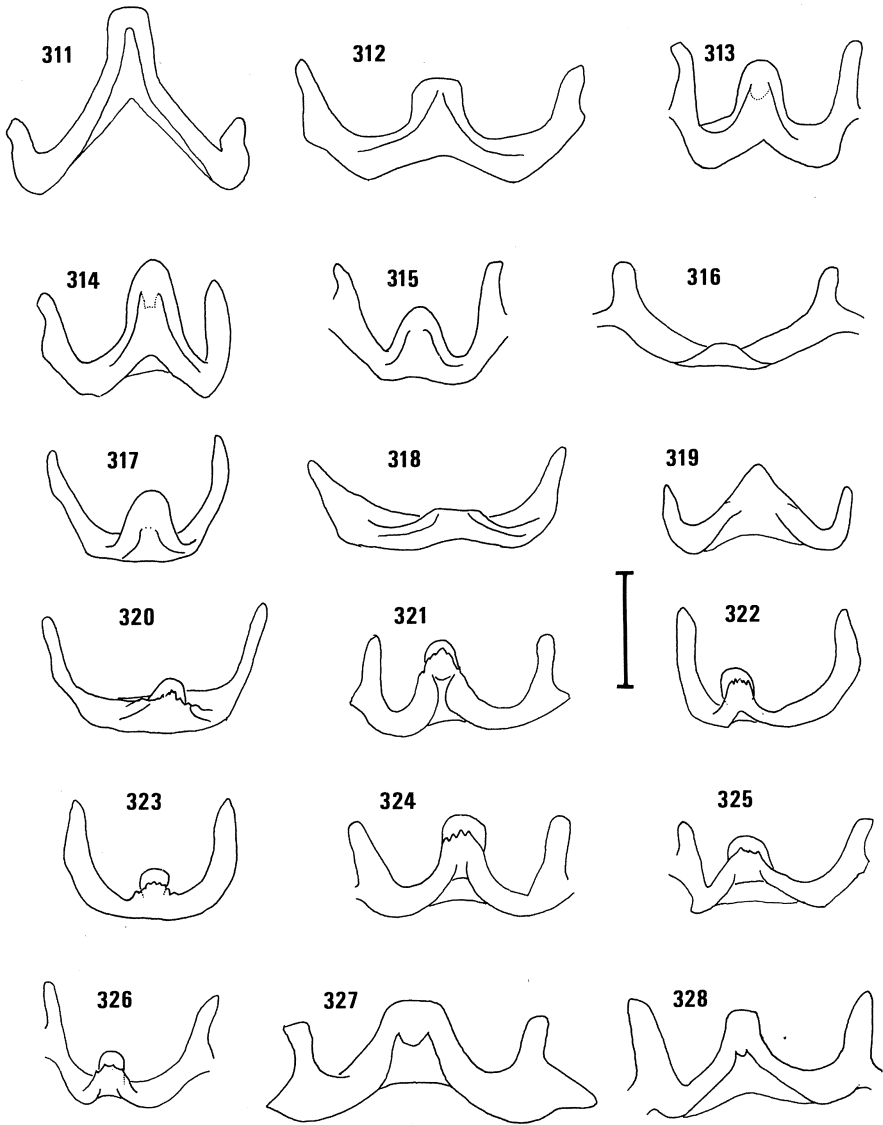
Figs. 275—280. *Ectoedemia* (s.str.) spp., *angulifasciella* and *occultella* group, ♂, valva, dorsal (inner) aspect. 275, *E. arcuatella*, slide MV 12184, East Germany, Friedland; 276, *E. rubivora*, slide VU 1103, Denmark, Faaborg; 277, *E. spinosella*, slide VU 1137, Netherlands, Gulpen; 278, *E. mahalebella*, slide VU 881, Greece, Mt. Timfristos; 279, *E. occultella*, slide VU 1226, Netherlands, Rockanje; 280, *E. minimella*, slide VU 1173, Norway, Rennebu. Scale: 0.05 mm.



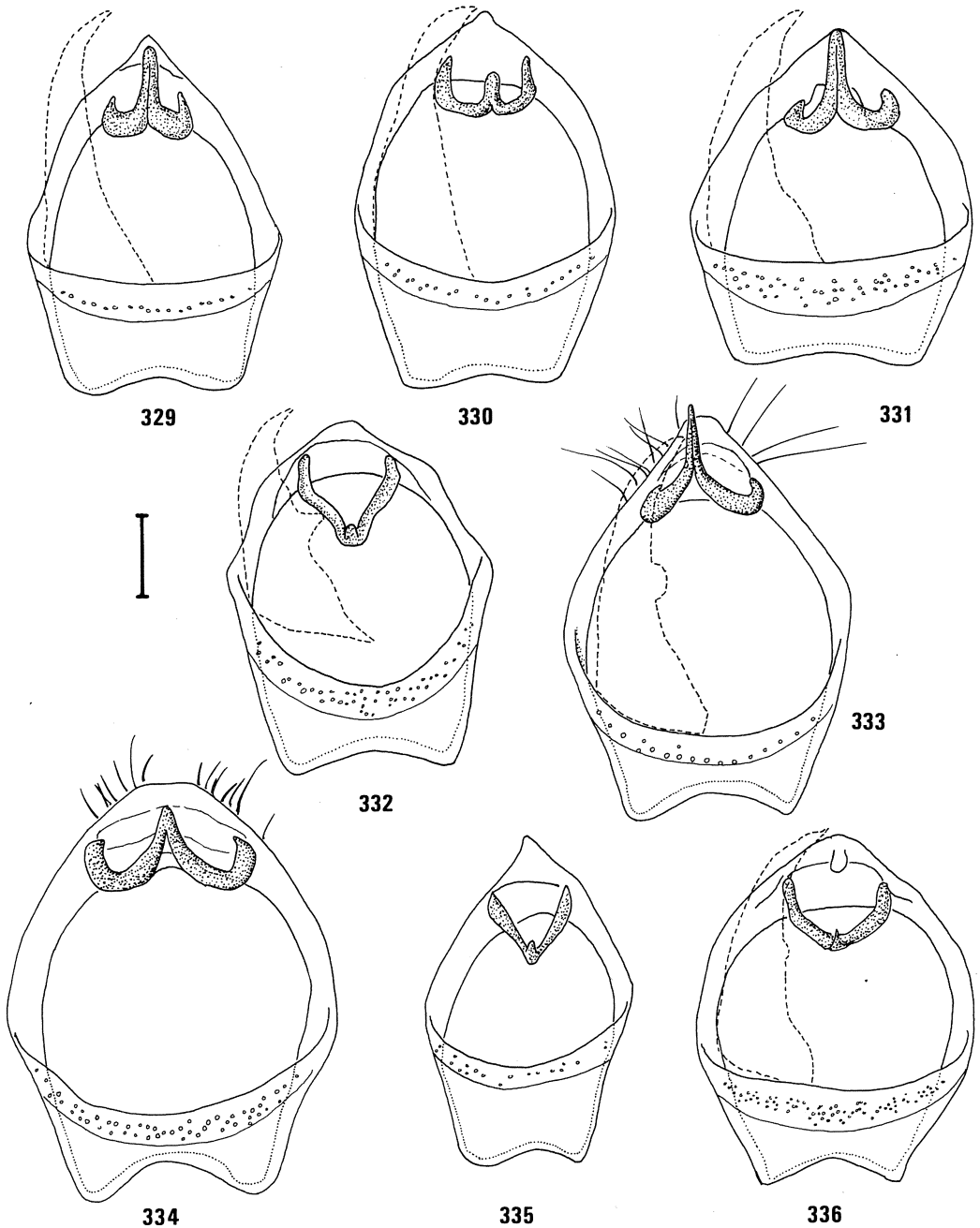
Figs. 281—292. *Ectoedemia* spp., ♂ genitalia, gnathos, ventral aspect (287 ventro-caudal aspect). 281, *E. atrifrontella*, slide VU 937, France, Digne; 282, *E. liebwerdella*, slide VU 1832, France, St. Barnabé; 283, *E. longicaudella*, slide VU 983, France, Digne; 284, *E. hispanica*, slide VU 1931, holotype; 285, *E. monemvasiae*, slide VU 1372, paratype, Greece, Monemvasia; 286, *E. amani*, slide MV 5752, Austria, Hundsheimer Berg; 287, *E. nuristanica*, slide MV 5402, holotype; 288, *E. liguricella*, slide VU 1828, Spain, Sierra Alfacar; 289, *E. intimella*, slide VU 1253, England, Earls Colne; 290, *E. hannoverella*, slide VU 292, West Germany, Regensburg; 291, *E. turbidella*, slide MV 12206, Austria, Linz; 292, *E. klimeschi*, slide VU 1230, Austria, Linz. Scale: 0.05 mm.



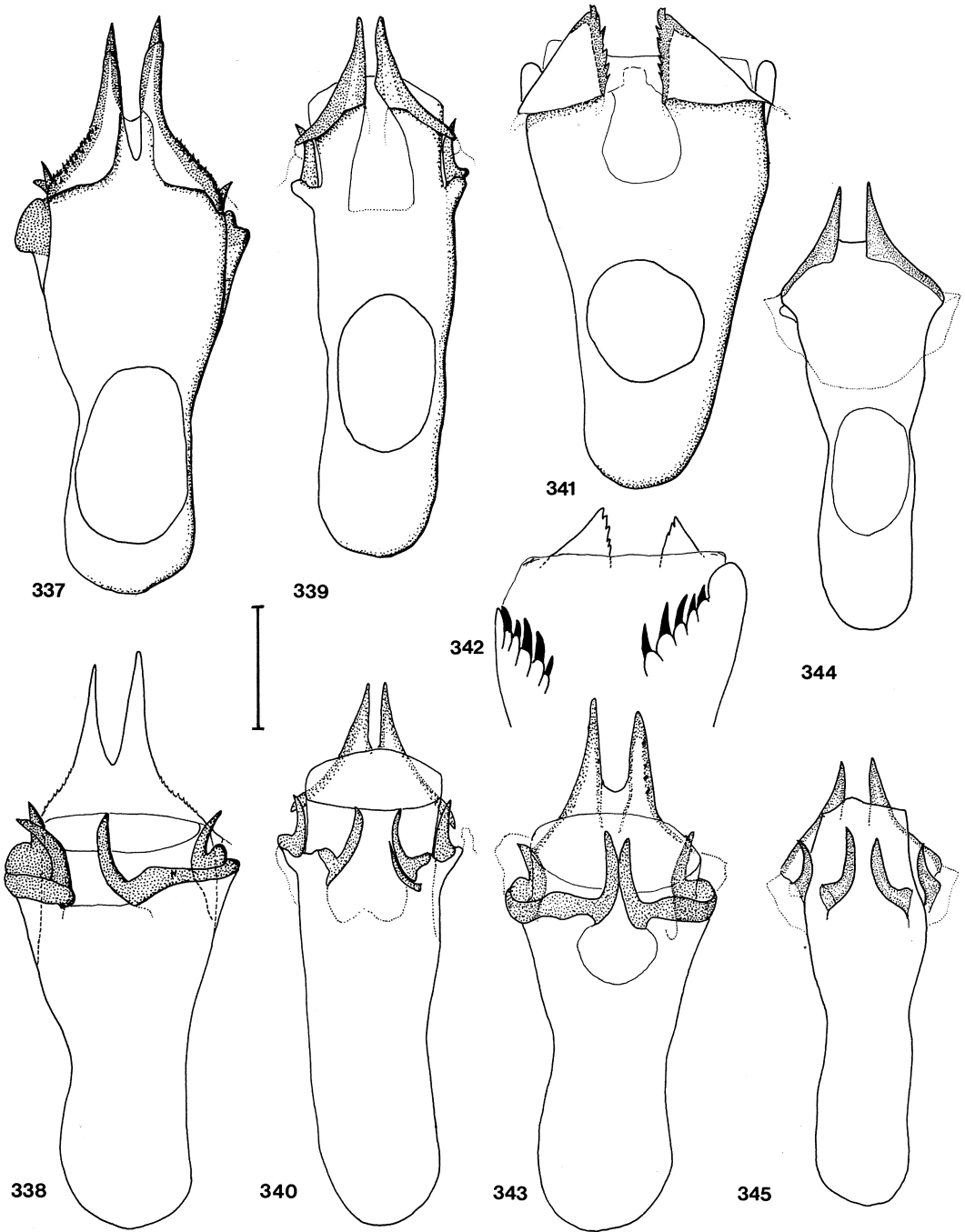
Figs. 293—310. *Ectoedemia* spp., ♂ genitalia, gnathos, ventral aspect. 293, *E. preisseckeri*, slide MV 12218, Austria, Wien; 294, *E. caradjai*, slide RJ 946, Italy, Monti Aurunci (slightly squashed); 295, *E. spec.* (specimen 1843), slide VU 1843, Spain, Rubielos de Mora; 296, *E. suberis*, slide VU 1112, "Nesp."; 297, *E. andalusiae*, slide VU 1416, paratype, Spain, Camino de Ojen; 298, *E. aegilopidella*, slide Klim. 1298, paratype, Greece, Rhodos; 299, *E. quinquella*, slide VU 1110, France, L'Étang-la-Ville; 300, *E. cf. algeriensis*, slide VU 1864, Morocco, Azrou; 301, *E. gilvipennella*, slide Klim. 272, lectotype; 302, *E. leucothorax*, slide VU 1885, paratype, Spain, Camino de Ojen; 303, *E. baraldi*, slide VU 868, paralectotype, France, Angoulême; 304, *E. ilicis*, slide VU 1420, Spain, Marbella; 305, *E. heringella*, slide VU 1395, Italy, Monti Aurunci; 306, *E. heringella*, slide RM 6666, Cyprus, Arakapos; 307, *E. nigrosarsella*, slide VU 1736, Hungary, Törökbalint; 308, *E. albifasciella*, slide VU 240, Netherlands, Hollandse Rading; 309, *E. albifasciella*, slide VU 1199, Netherlands, Overveen (position of gnathos slightly different from 308); *E. cerris*, slide VU 1729, Hungary, Szár. Scale: 0.05 mm.



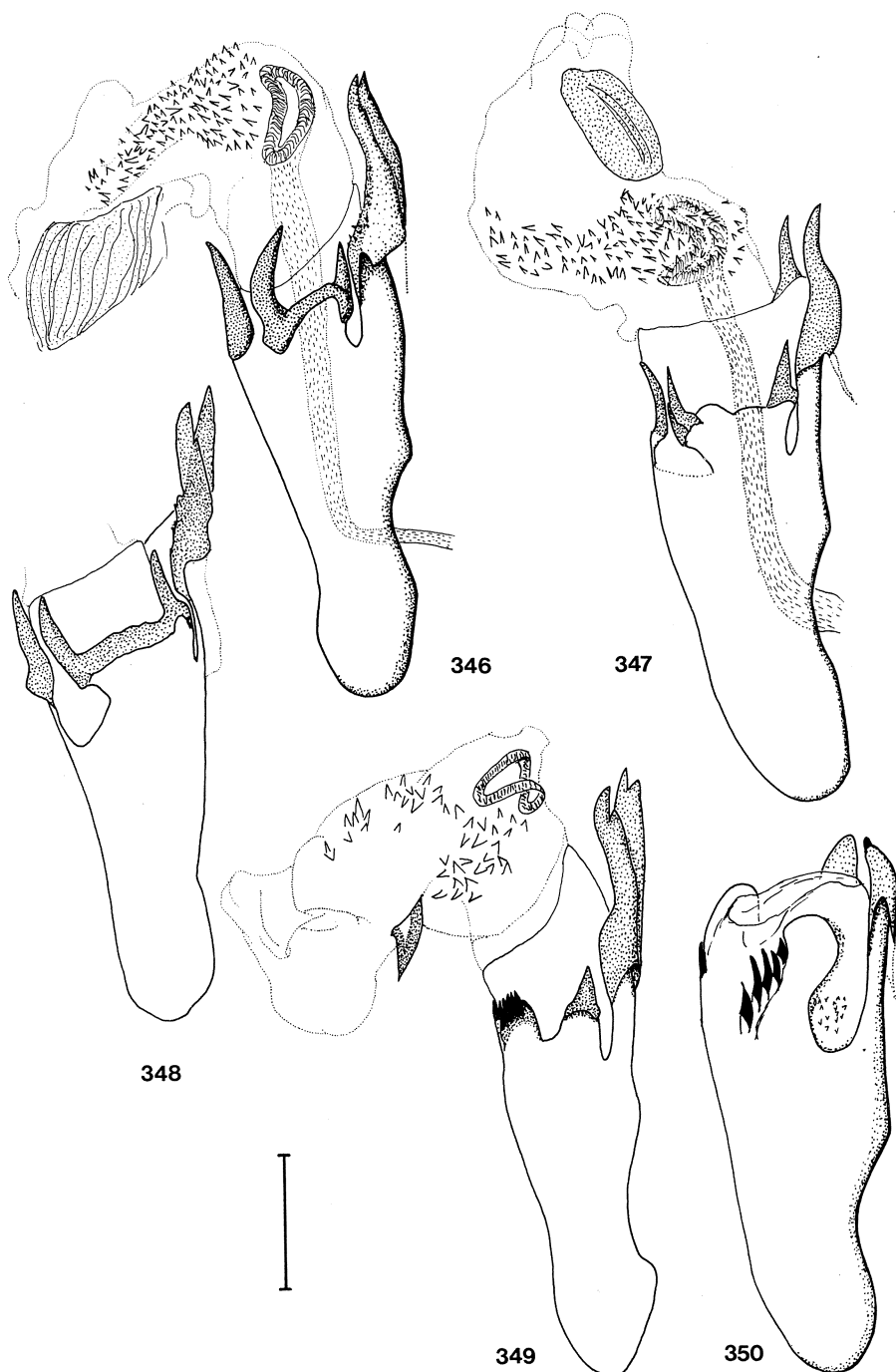
Figs. 311—328. *Ectoedemia* spp., ♂ genitalia, gnathos, ventral aspect. 311, *E. pubescivora*, slide VU 1342, paralectotype, Switzerland, Somazzo; 312, *E. cf. contorta*, slide VU 909, Austria, Hundsheimer Berg; 313, *E. subbi-maculella*, slide VU 1105, France, Alouette Pessac; 314, *E. heringi*, slide VU 1731, Hungary, Pécs Mecsek; 315, *E. heringi*, slide VU 867, paralectotype *N. zimmermanni*, Czechoslovakia, Libochowan; 316, *E. terebinthivora* slide VU 1250, Greece, Dhelfoi; 317, *E. erythrogenella*, slide VU 946, lectotype; 318, *E. spiraeae*, slide VU 1187, Hungary, Sástó; 319, *E. agrimoniae*, slide VU 642, Greece, Evvoia; 320, *E. hexapetalae*, slide VU 1740, Hungary, Budapest; 321, *E. angulifasciella*, slide VU 1870, Netherlands, Ootmarsum; 322, *E. atricollis*, slide VU 1152, France, Clamart; 323, *E. arcuatella*, slide MV 12184, East Germany, Friedland; 324, *E. rubivora*, slide VU 1001/1002, Netherlands, Winterswijk; 325, *E. spinosella*, slide VU 1139, paralectotype, France, Vannes; 326, *E. mahalebella*, slide VU 997, Greece, Mt. Timfristos; 327, *E. occultella*, slide VU 1495, Netherlands, Kerkrade; 328, *E. minimella*, slide VU 825, Norway, Rennebu. Scale: 0.05 mm.



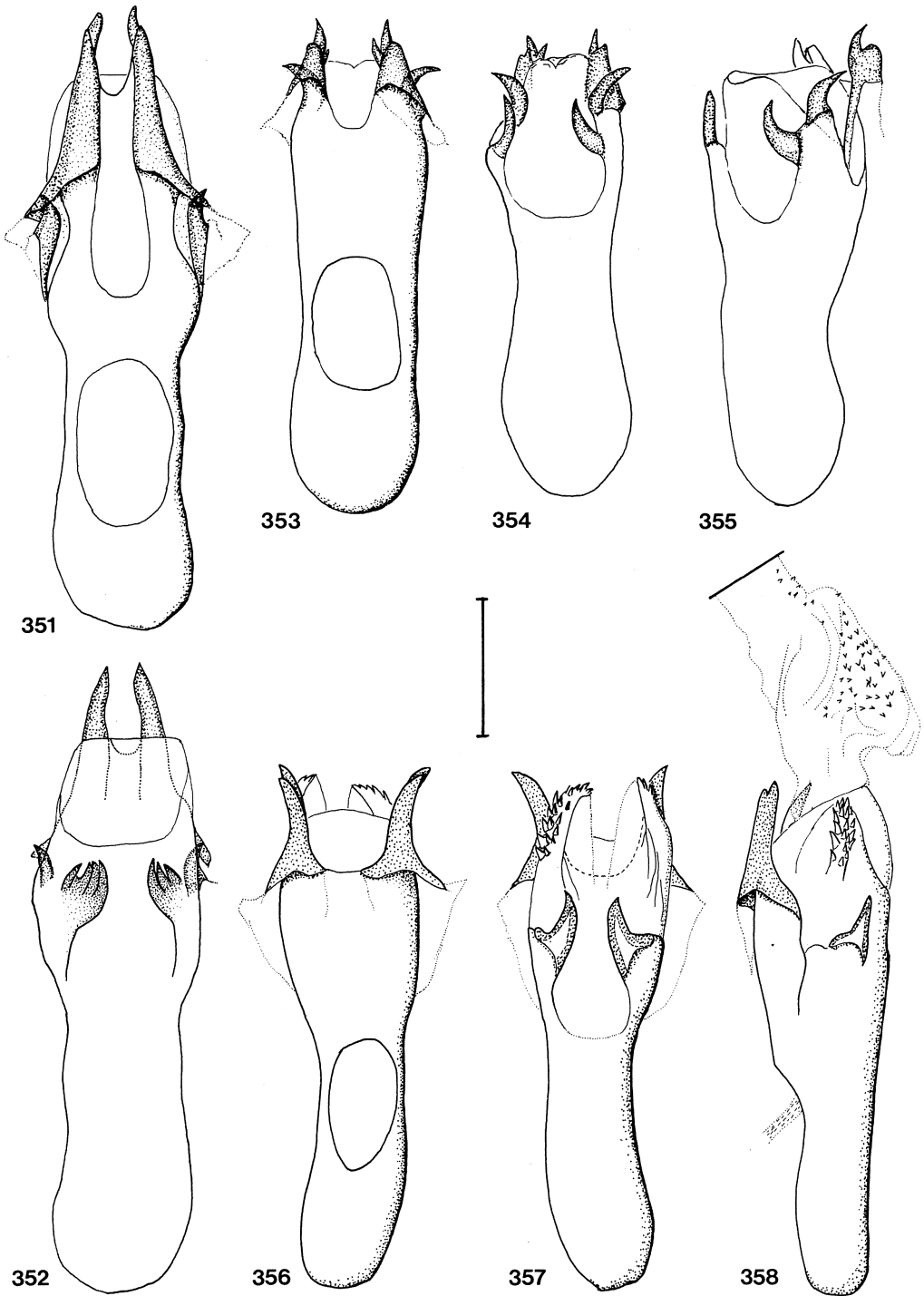
Figs. 329—336. *Ectoedemia* (*Zimmermannia*) spp., ♂ genitalia, capsule, ventral aspect, outline of left valva dotted or omitted. 329, *E. atrifrontella*, slide VU 937, France, Digne; 330, *E. liebwerdella*, slide Carolsfeld-Krause, East Germany, Tharandt; 331, *E. longicaudella*, slide VU 983, France, Digne; 332, *E. hispanica*, slide VU 1830, paratype, Spain, Rubielos de Mora; 333, *E. monemvasiae*, slide VU 476, paratype, Greece, Monemvasia; 334, *E. amani*, slide VU 848, Sweden, Stockholm; 335, *E. nuristanica*, slide MV 5402, holotype; 336, *E. liguricella*, slide VU 929, France, "Nesp.". Scale: 0.1 mm.



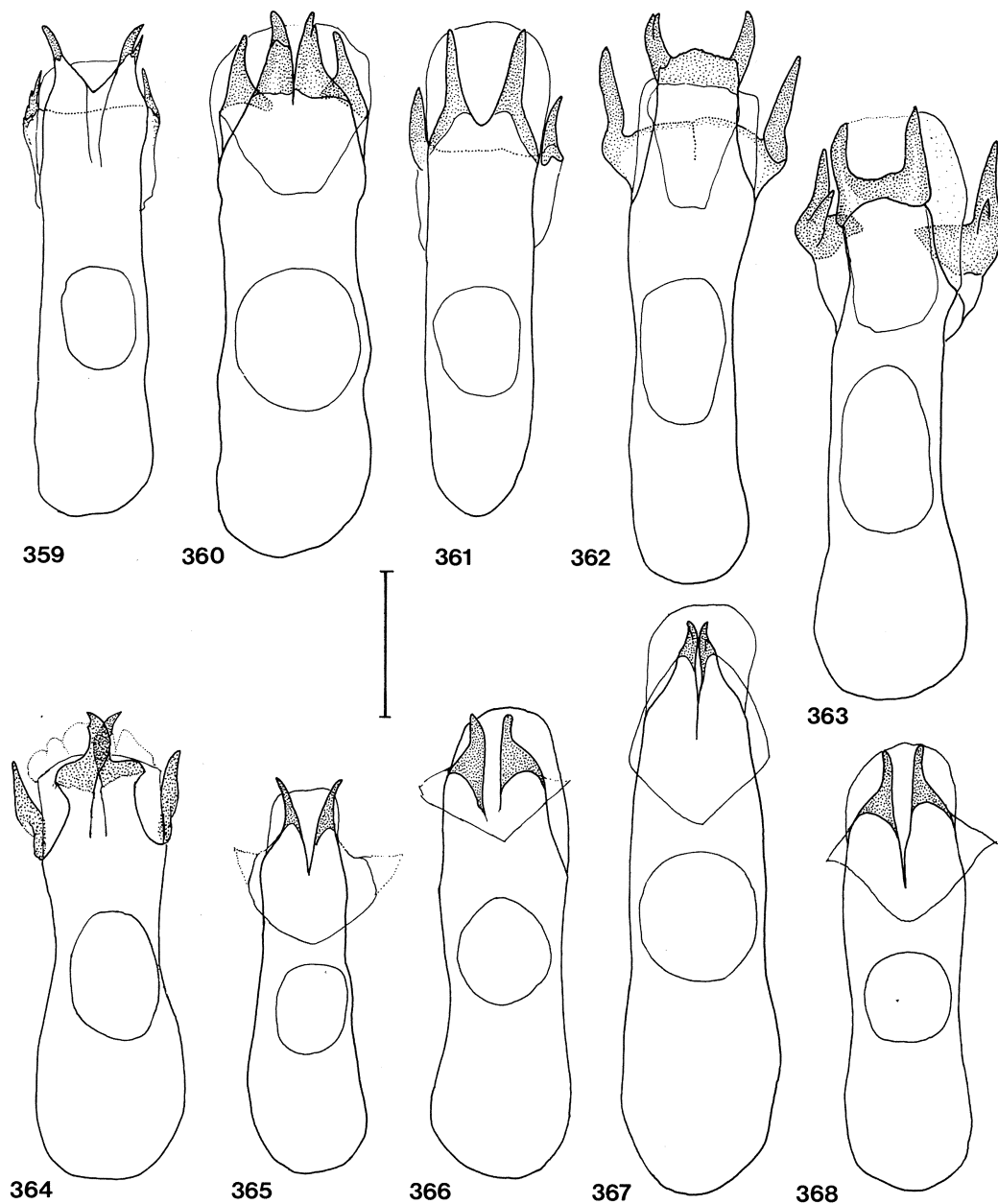
Figs. 337—345. *Ectoedemia* (*Zimmermannia*) spp., ♂, aedeagus, ventral (337, 339, 341, 344) and dorsal aspect (338, 340, 342, 343, 345). 337, 338, *E. atrifrontella*, slide VU 087, Netherlands, Overveen; 339, 340, *E. longicaudella*, slide VU 830, Netherlands, Nijmegen; 341, 342, *E. amani*, slide MV 5752, Austria, Hundsheimer Berg; 343, *E. liebwerdella*, slide Carolsfeld-Krause, East Germany, Tharandt; 344, 345, *E. hispanica*, slide VU 1931, holotype. Scale: 0.1 mm.



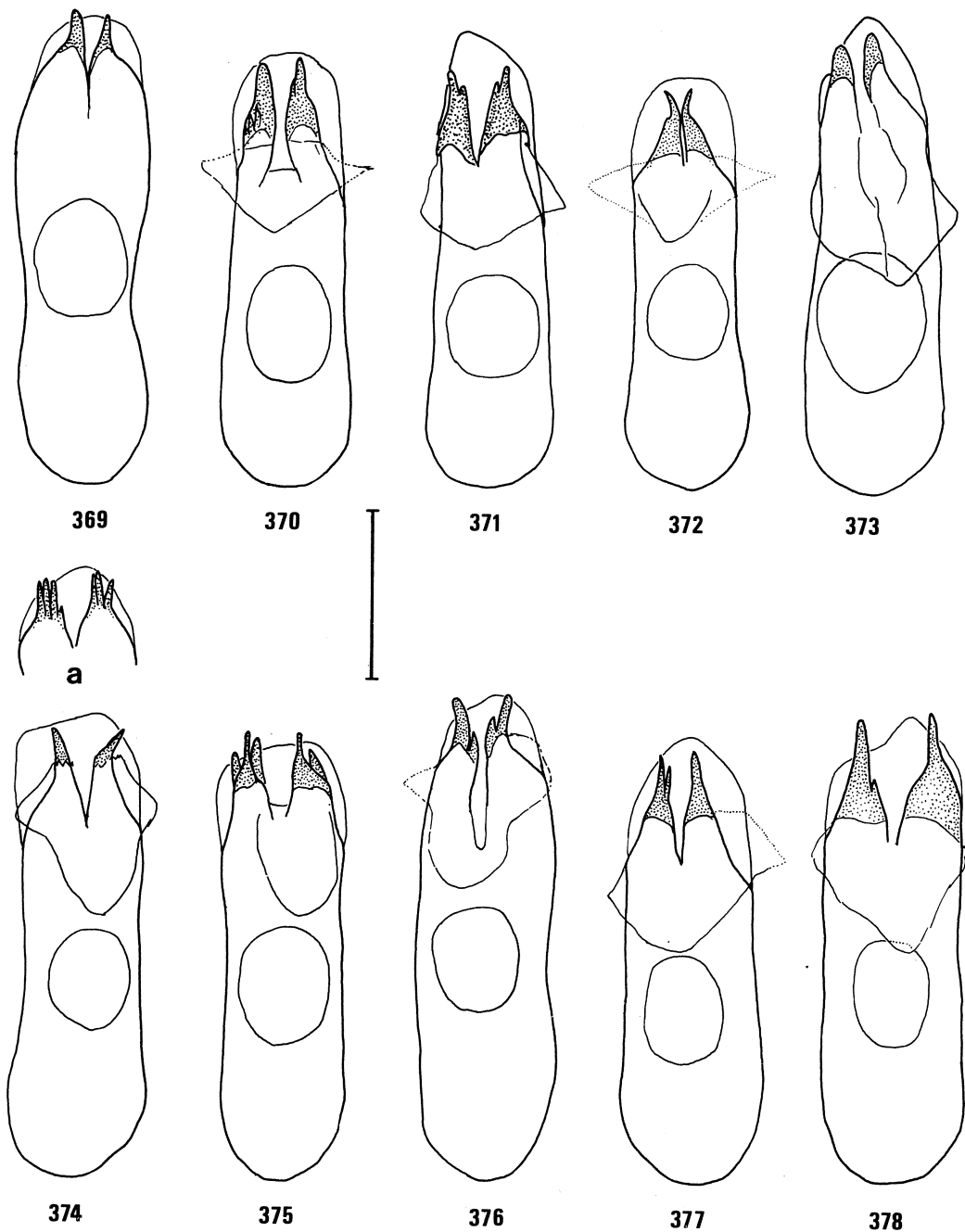
Figs. 346—350. *Ectoedemia* (*Zimmermannia*) spp., ♂, aedeagus, left lateral aspect, in 346, 347 and 349 vesica extracted, in 348 and 350 omitted. 346, *E. atrifrontella*, slide MV 12134, Austria, Gumpoldskirchen; 347, *E. longicaudella*, slide VU 830, Netherlands, Nijmegen; 348, *E. liebwerdella*, slide Carolsfeld-Krause, East Germany, Tharandt; 349, *E. monemvasiae*, slide VU 482, paratype, Greece, Monemvasia; 350, *E. amani*, slide MV 5752, Austria, Hundsheimer Berg. Scale: 0.1 mm.



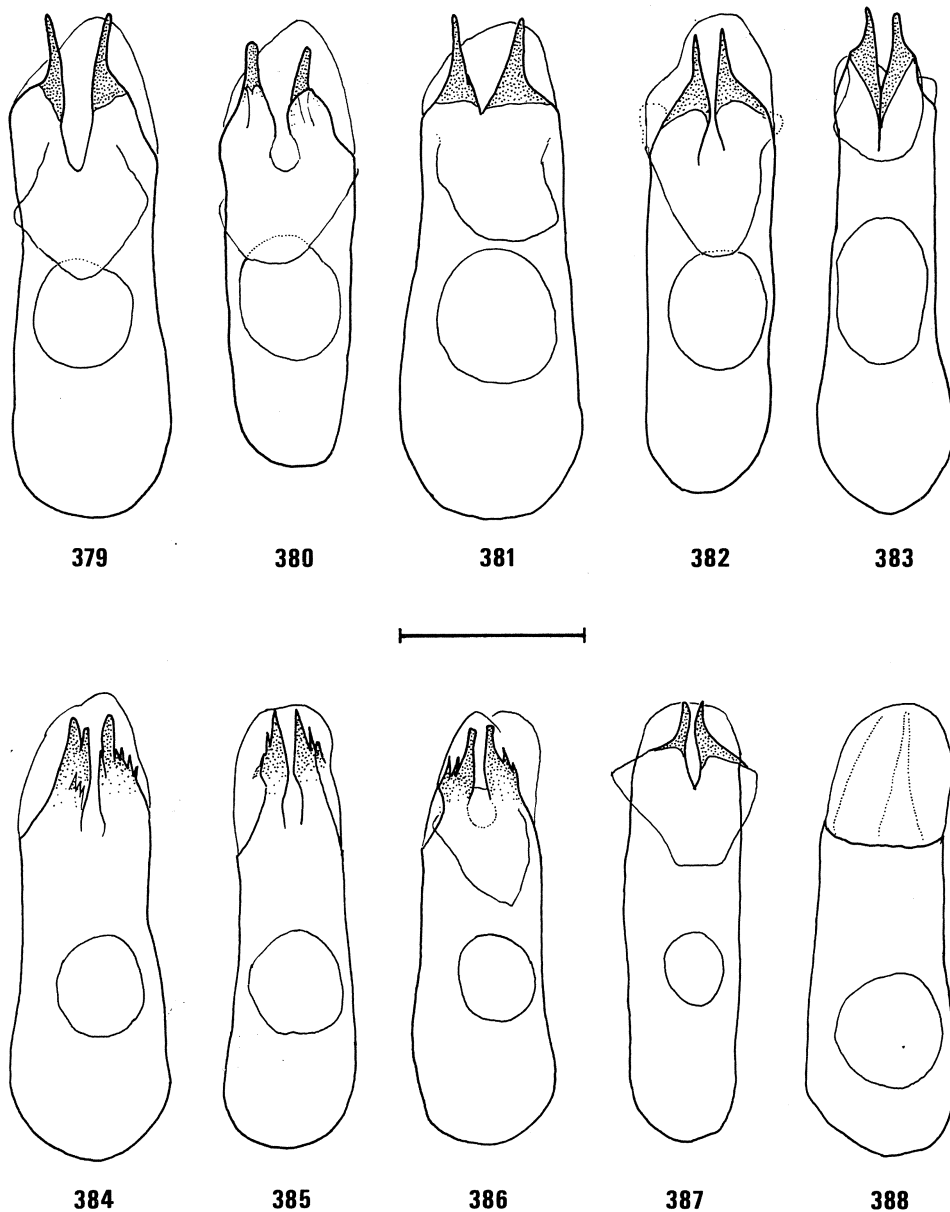
Figs. 351—358. *Ectoedemia* (*Zimmermannia*) spp., ♂, aedeagus, 351, 353, 356, ventral aspect, 352, 354, 357, dorsal aspect; 355, 358, lateral aspect. 351, 352, *E. monemvasiae*, slide VU 470, paratype, Greece, Monemvasia; 353—355, *E. nuristanica*, slide MV 5402, holotype; 356—358, *E. liguricella*, slide MV 5415, Morocco, Oukaim'den. Scale: 0.1 mm.



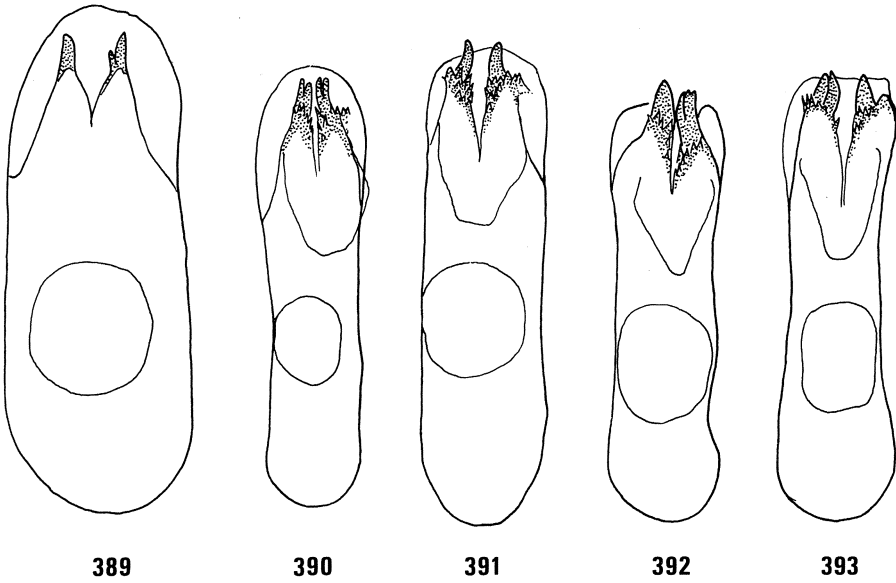
Figs. 359—368. *Ectoedemia* (s.str.) spp., ♂, aedeagus, ventral aspect. 359, *E. intimella*, slide VU 1213, Netherlands, Rockanje. 360, *E. populella*, slide VU 1252, syntype, USA; 361, *E. hannoverella*, slide VU 278, Netherlands, Winterswijk; 362, *E. turbidella*, slide MV 12206, Austria, Linz; 363, *E. klimeschi*, slide VU 1230, Austria, Linz; 364, *E. preisseckeri*, slide MV 12214, lectotype; 365, *E. caradjai*, slide MV 12152, Austria, Hackelsberg; 366, *E. spec.* (specimen 1843), slide VU 1843, Spain, Rubielos de Mora; 367, *E. suberis*, slide VU 1112, France, "Nesp."; 368, *E. andalusiae*, slide VU 1416, Spain, Camino de Ojen. Scale: 0.1 mm.



Figs. 369—378. *Ectoedemia* (s.str.) spp., ♂, aedeagus, ventral aspect. 369, *E. aegilopidella*, slide Klim. 4107, holotype; 370, *E. quinquella*, slide VU 1111, England, Rainham; 371, *E. cf. algeriensis*, slide VU 1864, Morocco, Azrou; 372, *E. gilvipennella*, slide VU 1737, Hungary, Törökbálint; 373, *E. leucothorax*, slide VU 1892, holotype; 374, *E. haraldi*, slide VU 1116, France, Villenave d'Ornon, a, idem, tip of aedeagus of paralectotype, slide VU 868; 375, *E. ilicis*, slide VU 1358, lectotype; 376, *E. heringella*, slide BM 22604, France, Corsica; 377, *E. heringella*, slide RM 6666, Cyprus, Arakapos; 378, *E. nigrosarsella*, slide VU 1736, Hungary, Törökbálint. Scale: 0.1 mm.



Figs. 379—388. *Ectoedemia* (s.str.) spp., ♂, aedeagus, ventral aspect. 379, *E. albifasciella*, slide VU 1199, Netherlands, Overveen; 380, *E. cerris*, slide VU 1729, Hungary, Szár; 381, *E. pubescivora*, slide VU 1342, paralectotype, Switzerland, Somazzo; 382, *E. cf. contorta*, slide VU 1387, Hungary, Nagykovacsí; 383, *E. terebinthivora*, slide VU 883, Greece, Dhelfoi; 384, *E. subbimaculella*, slide VU 863, Netherlands, Hilversum; 385, *E. heringi*, slide VU 1109, Poland, Bydgoszcz; 386, *E. phyllotomella*, slide Klim. 269, paralectotype, Italy, Ferrania; 387, *E. erythrogenella*, slide VU 1170, paralectotype, France, Vannes; 388, *E. spiraeae*, slide VU 1187, Hungary, Sástó. Scale: 0.1 mm.



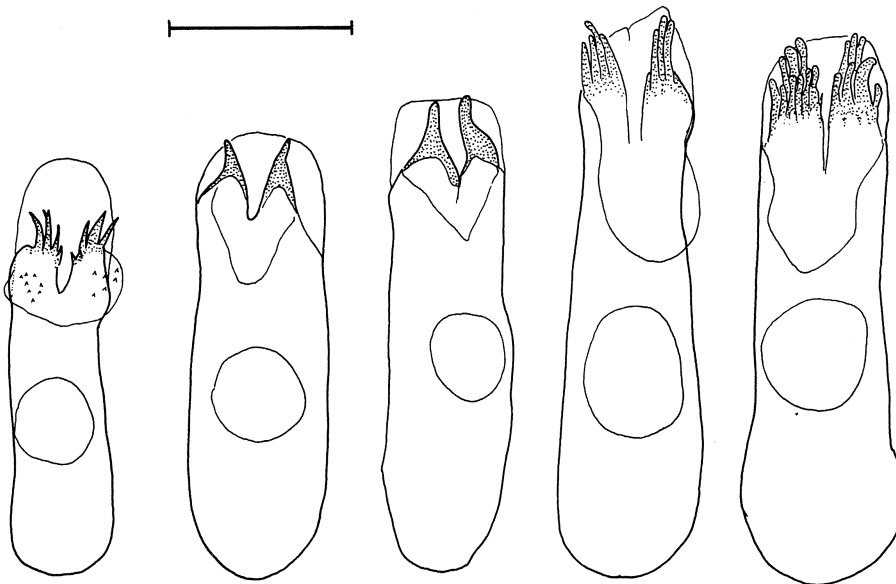
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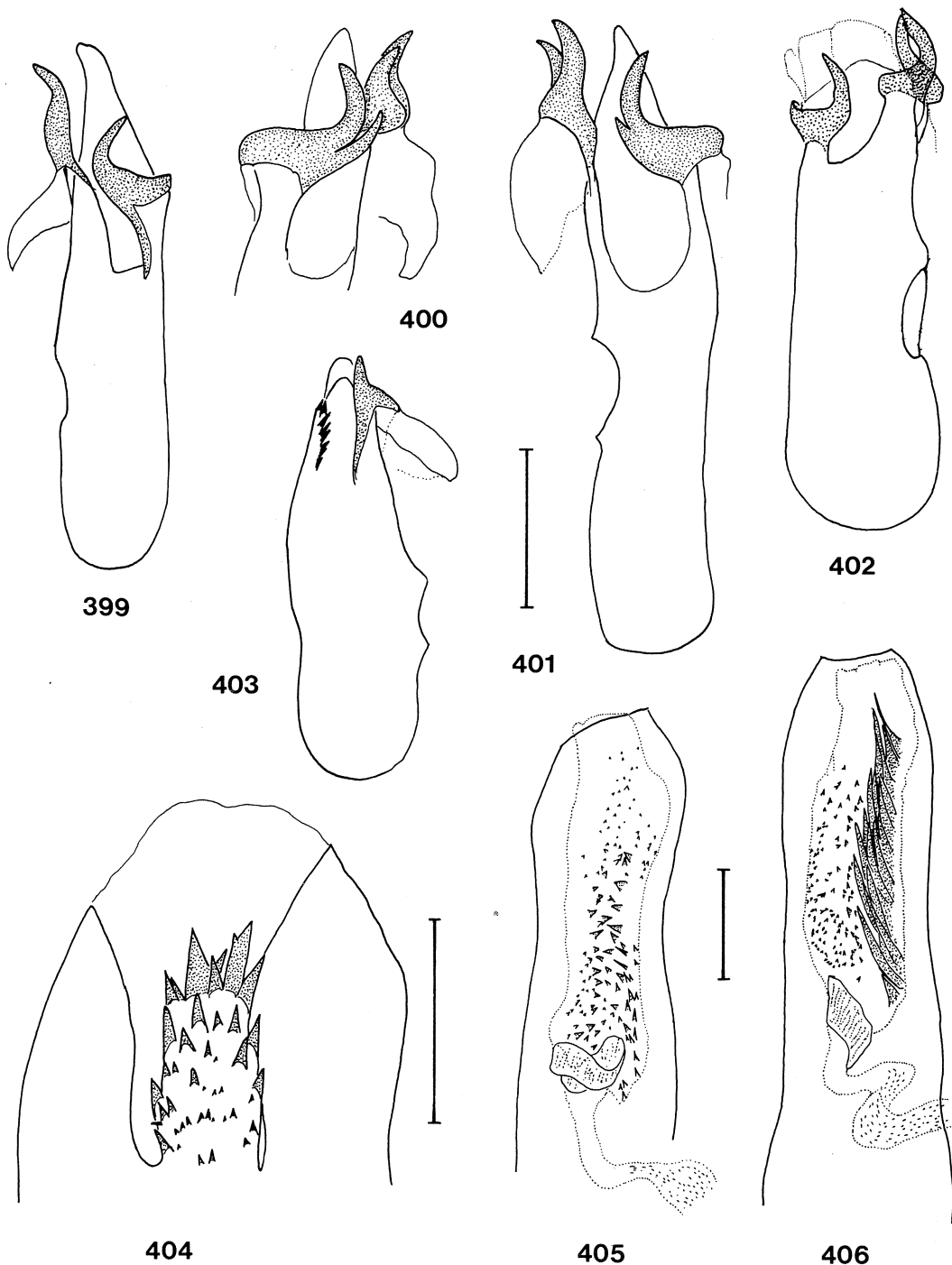
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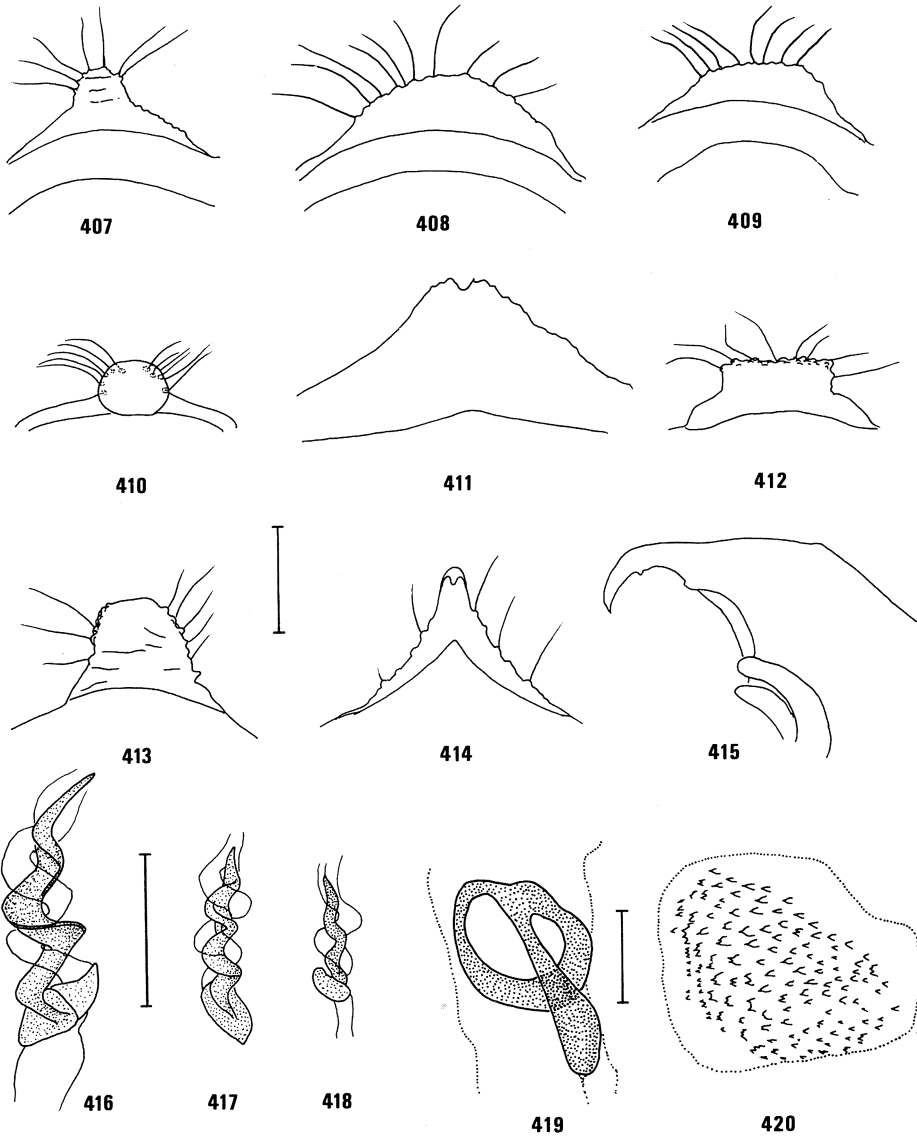
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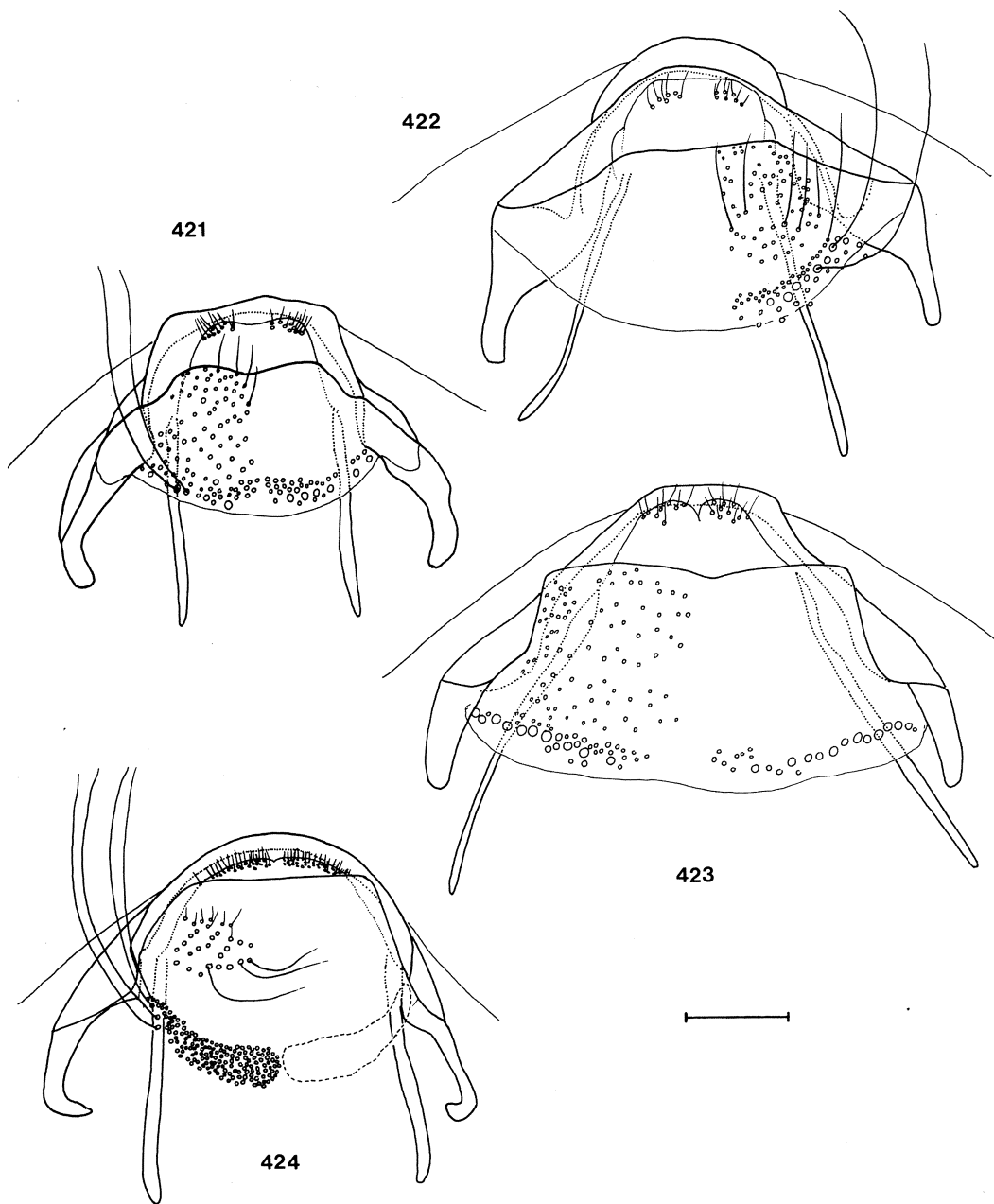
Figs. 389—398. *Ectoedemia* (s.str.) spp., ♂, aedeagus, ventral aspect. 389, *E. hexapetalae*, slide VU 1739, Hungary, Budaörs; 390, *E. angulifasciella*, slide VU 1157, France, Chaville; 391, *E. atricollis*, slide VU 1152, France, Clamart; 392, *E. arcuatella*, slide MV 12184, East Germany, Friedland; 393, *E. rubivora*, slide 1103, Denmark, Faaborg; 394, *E. agrimoniae*, slide VU 642, Greece, Evvoia; 395, *E. spinosella*, slide VU 1137, Netherlands, Gulpen; 396, *E. mahalebella*, slide VU 1750, Hungary, Budaörs; 397, *E. occultella*, slide VU 1226, Netherlands, Rockanje; 398, *E. minimella*, slide VU 1184, Norway, Grøvdalen. Scale: 0.1 mm.



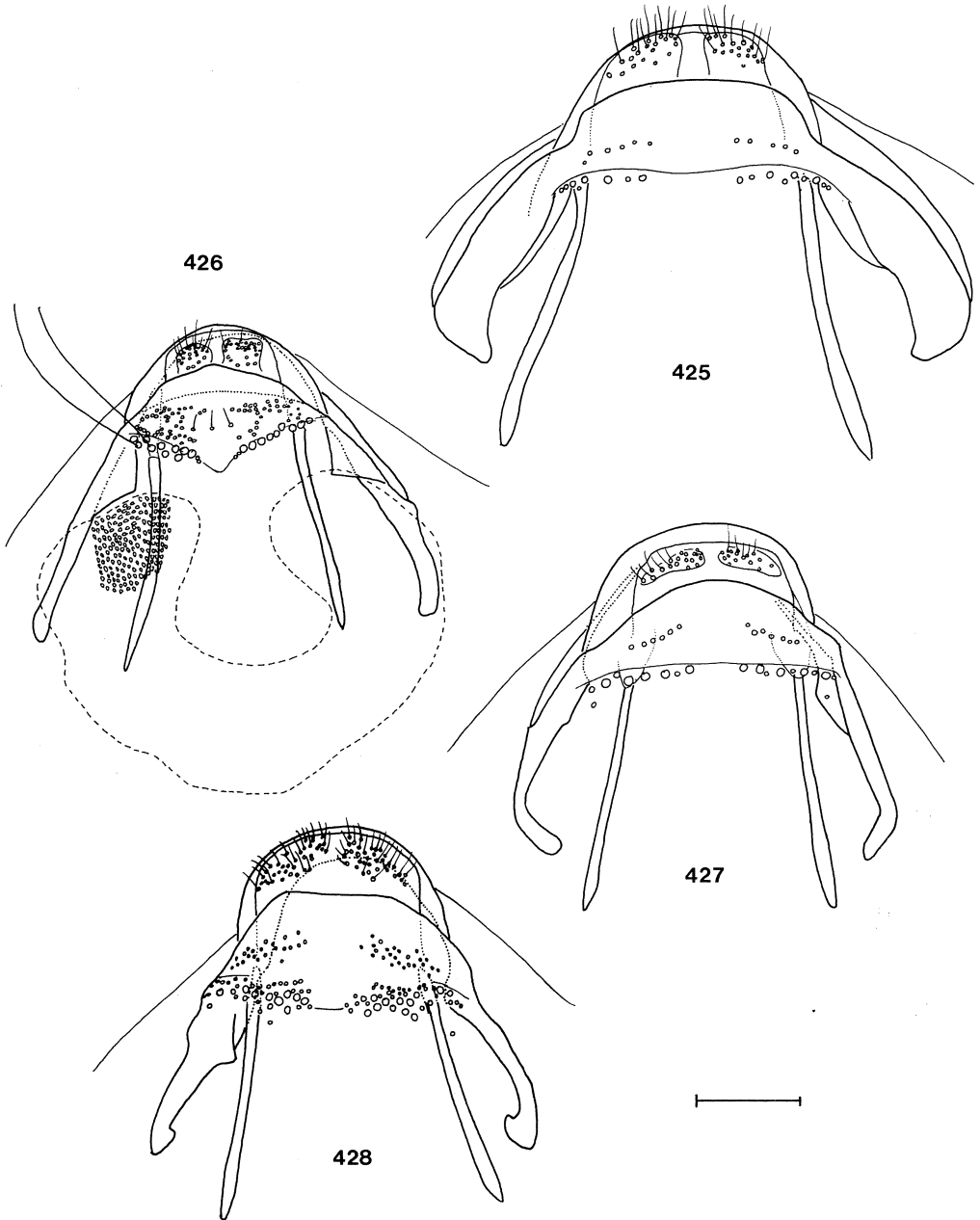
Figs. 399—406. *Ectoedemia* (s.str.) spp., ♂, aedeagus. 399, 401, right lateral aspect, 400, 402, 403, left lateral aspect; 399, *E. hannoverella*, Netherlands, Winterswijk; 400, 401, *E. klimeschi*, slide VU 801, Austria, Linz; 402, *E. preisseckeri*, slide MV 12214, lectotype; 403, *E. hexapetalae*, slide VU 1494, Hungary, Budaörs; 404, *E. hexapetalae*, dorsal aspect, detail of spinose lobe, slide VU 1739, Hungary, Budaörs; 405, 406, Aedeagus with vesica, carinae omitted, ventral aspect; 405, *E. occultella*, slide VU 1226, Netherlands, Rockanje; 406, *E. mini-mella*, slide VU 1184, Norway, Grøvdalen. Scales, 399—403: 0.1 mm, 404: 0.05 mm, 405—406: 0.05 mm.



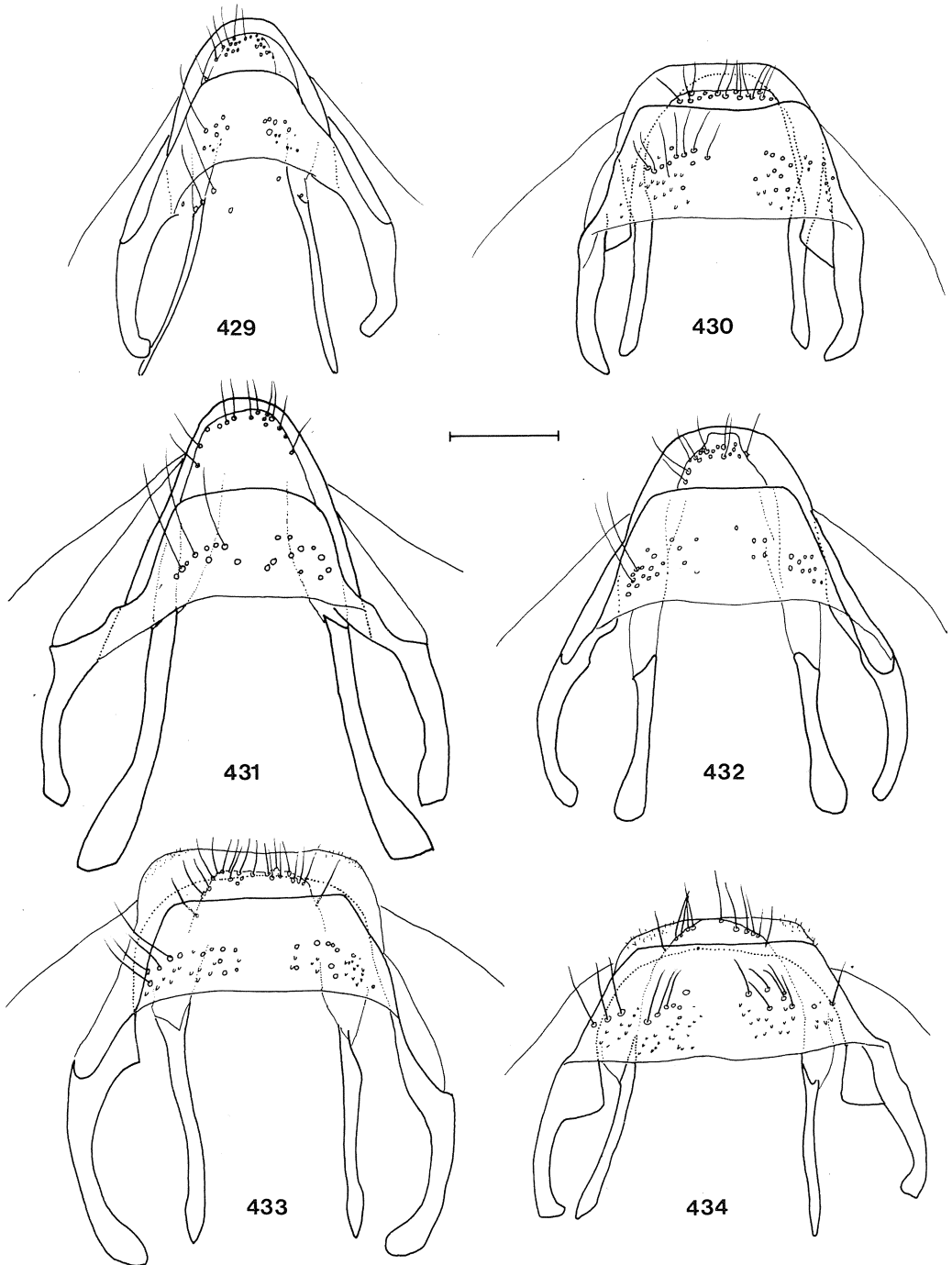
Figs. 407—420. *Ectoedemia* (s.str.) spp., details of genitalia. 407—414, ♂, Tegumen (pseuduncus), ventral aspect. 407, *E. caradjai*, slide VU 1861, Anatolia, Kizilcahamam; 408, *E. suberis*, slide VU 1496, Italy, Sardegna, Mt. Istiddi; 409, *E. andalusiae*, slide VU 1416, paratype, Spain, Camino de Ojen; 410, *E. aegilopidella*, slide Kl. 1298, paralectotype, Greece, Rhodos; 411, *E. quinquella*, slide VU 1111, England, Rainham (slightly squashed); 412, *E. terebinthivora*, slide VU 1249, Greece, Dhelfoi; 413, *E. rubivora*, slide 1001, Netherlands, Winterswijk; 414, *E. minimella*, slide VU 825, Norway, Rennebu; 415, idem, lateral aspect; 416—418, ♀, Ductus spermathecae. 416, *E. albifasciella*, slide VU 893, Greece, Palaiokastron; 417, *E. subbimaculella*, slide VU 638, England, Weeley; 418, *E. heringi*, slide VU 1900, Spain, San Pedro de Alcantara; 419, *E. pubescivora*, vaginal sclerite, ventral aspect, slide VU 1403, Italy, Sardegna, Belvi; 420, *E. algeriensis*, spiculate pouch, dorsal aspect, slide VU 1125, holotype. Scales: 407—415: 0.05 mm; 416—418: 0.1 mm; 419, 420: 0.05 mm.



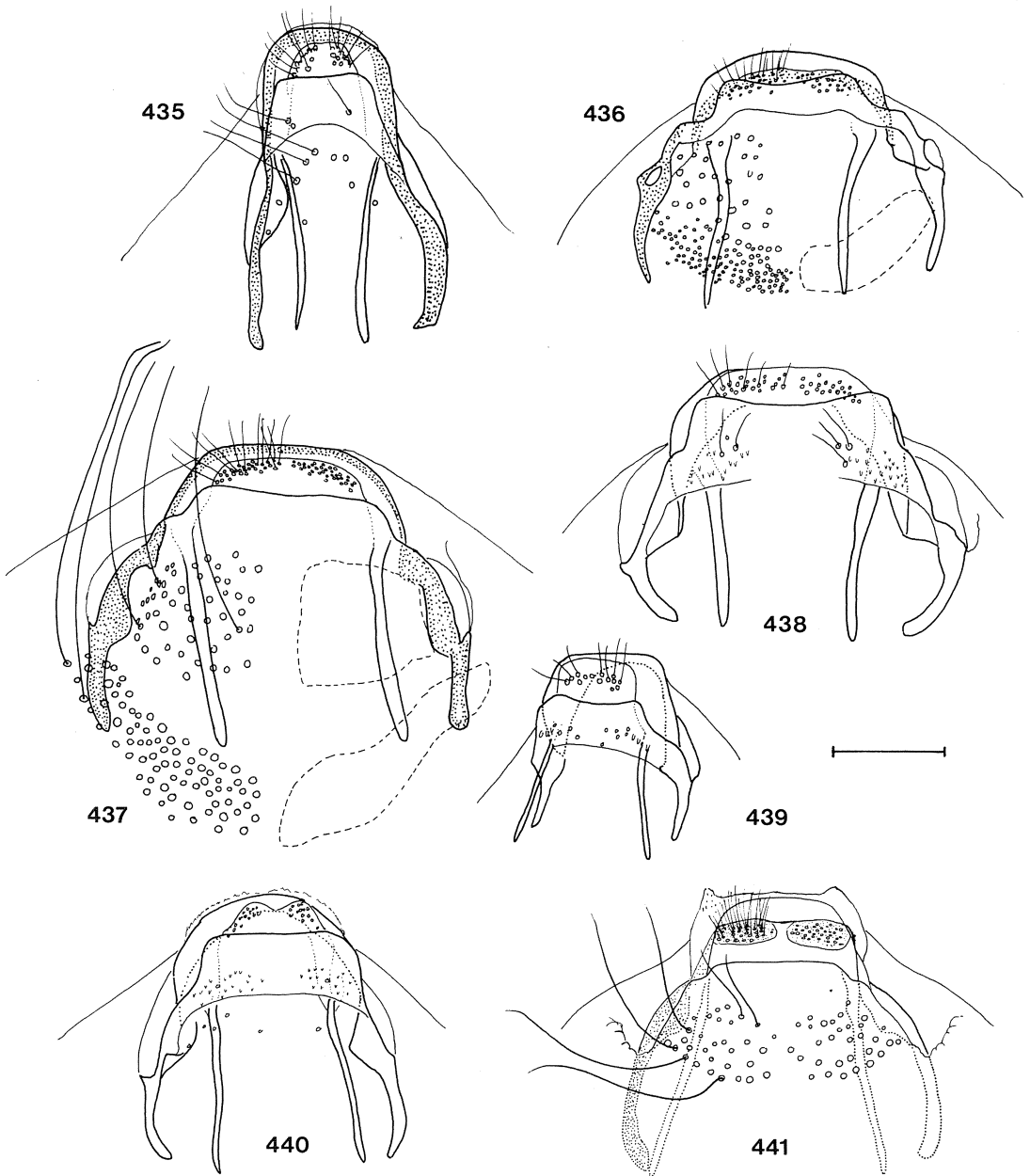
Figs. 421—424. Female postabdomen of *Ectoedemia* (*Zimmermannia*) spp., dorsal aspect. Setal sockets only completely figured on one half of T8. 421, *E. atrifrontella*, slide VU 483, Netherlands, Hilversum; 422, *E. liebwerdella*, slide VU 1873, East Germany, Tharandt; 423, *E. longicaudella*, slide VU 862, Belgium, Aye; 424, *E. monemvasiae*, slide VU 812, paratype, Greece, Monemvasia. Scale: 0.1 mm.



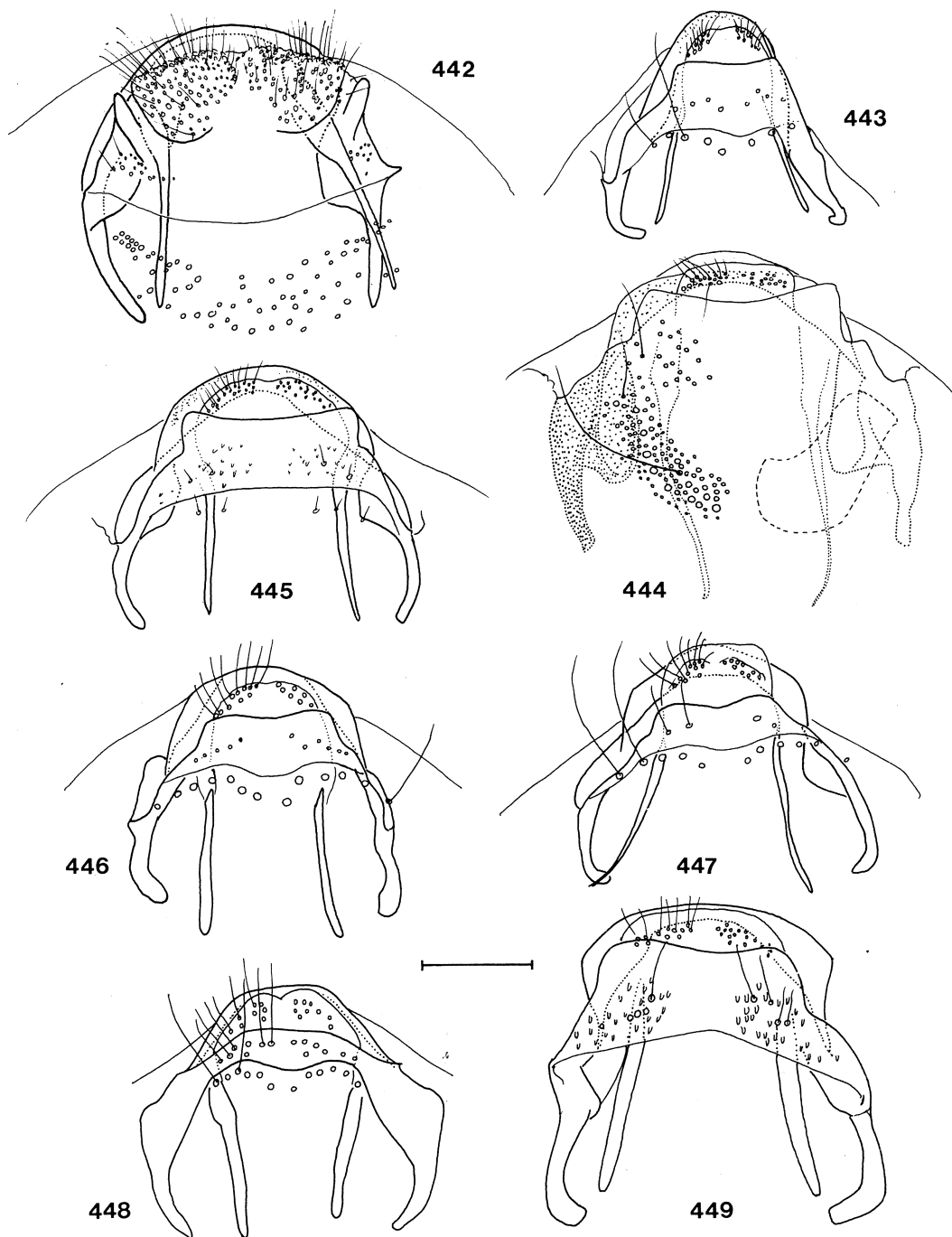
Figs. 425—428. Female postabdomen of *Ectoedemia* (*Zimmermannia*) spp., dorsal aspect. 425, *E. amani*, slide MV 1723 (slightly squashed), Yugoslavia, Skopje; 426, *E. nuristanica*, slide MV 12141, paratype, setal patch on T7 indicated by broken line, setal sockets only partly figured; 427, *E. liguricella*, slide BM 22669, Spain, Sierra Alfacar; 428, *E. liguricella*, aberrant specimen, slide MV 12140, Morocco, Oukaim'den. Scale: 0.1 mm.



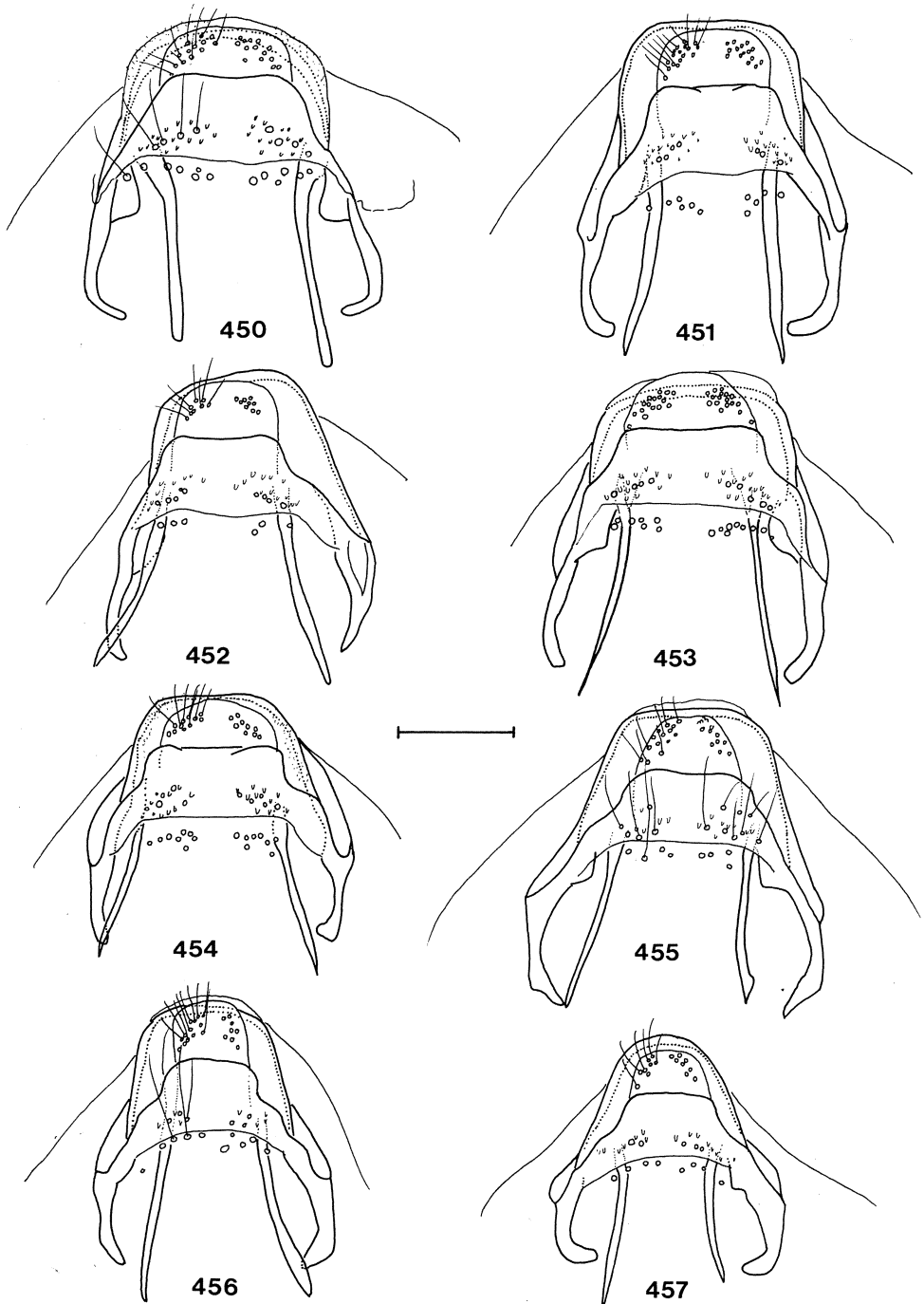
Figs. 429—434. Female postabdomen of *Ectoedemia* (s.str.) spp., *populella* group. 429, *E. intimella*, slide VU 1254, England, Earls Colne; 430, *E. hannoverella*, slide MV 12205, East Germany, Bautzen; 431, *E. turbidella*, slide VU 1491, Netherlands, Santpoort; 432, *E. cf. turbidella*, slide VU 1492, Iran, Keredj; 433, *E. klimeschi*, slide VU 1231, Austria, Linz; 434, *E. argyropeza*, slide VU 1918, West Germany, Heidelberg. Scale: 0.1 mm.



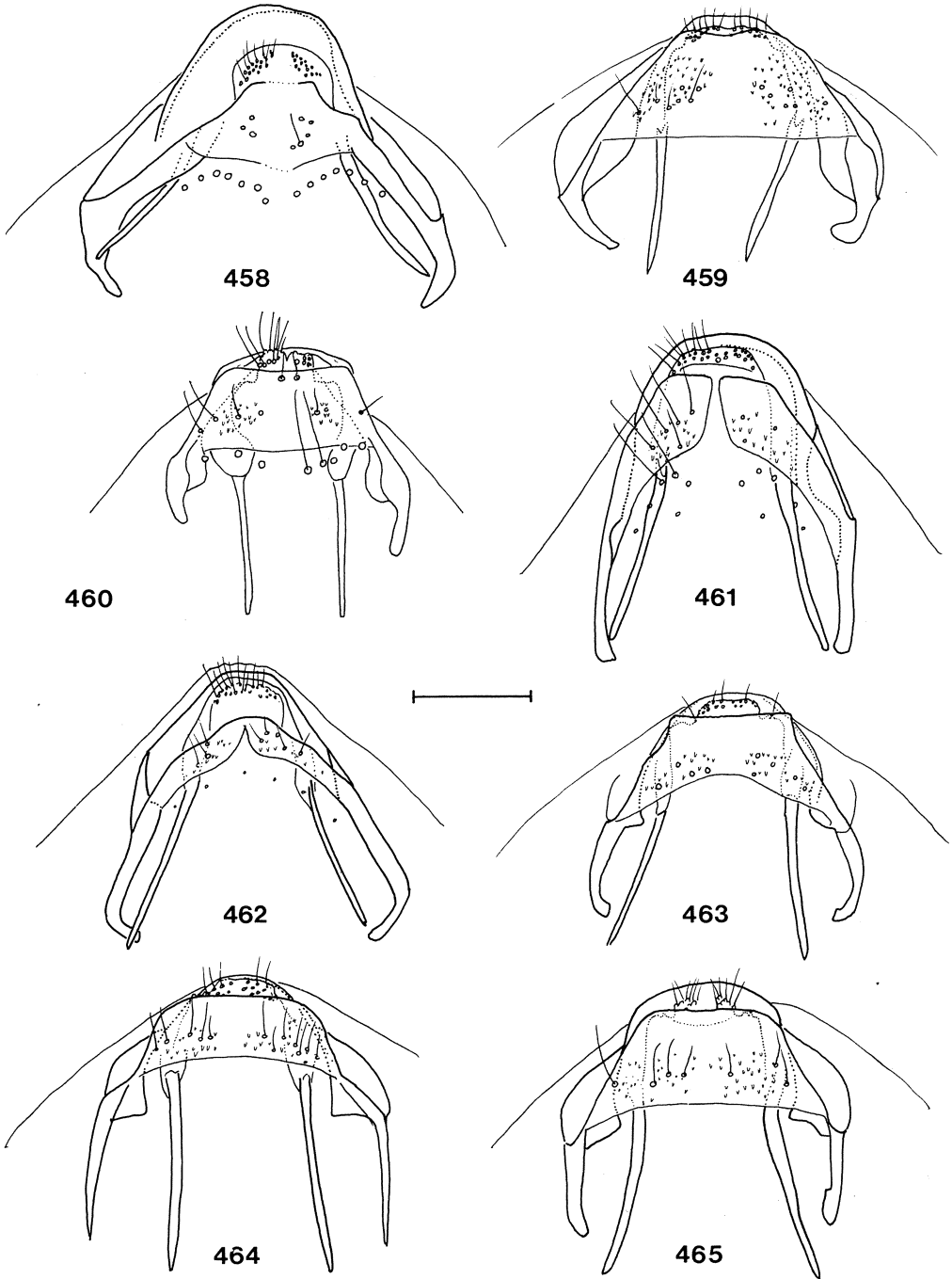
Figs. 435—441. Female postabdomens of *Ectoedemia* (s.str.) spp., in 436 and 437 setal sockets only completed in right half of T8. 435, *E. preisseckeri*, slide MV 12215, paralectotype, Austria, Klosterneuburg; 436, *E. caradjai*, slide VU 1447, USSR, Babince; 437, *E. suberis*, slide VU 899, France, Golfe Juan; 438, *E. andalusiae*, slide VU 1417, paratype, Spain, Camino de Ojen; 439, *E. aegilopidella*, slide VU 1390, paratype, Greece, Rhodos; 440, *E. quinquella*, slide VU 898, England, Rainham; 441, *E. algeriensis*, slide VU 900, paratype, Algeria, Aurès. Scale: 0.1 mm.



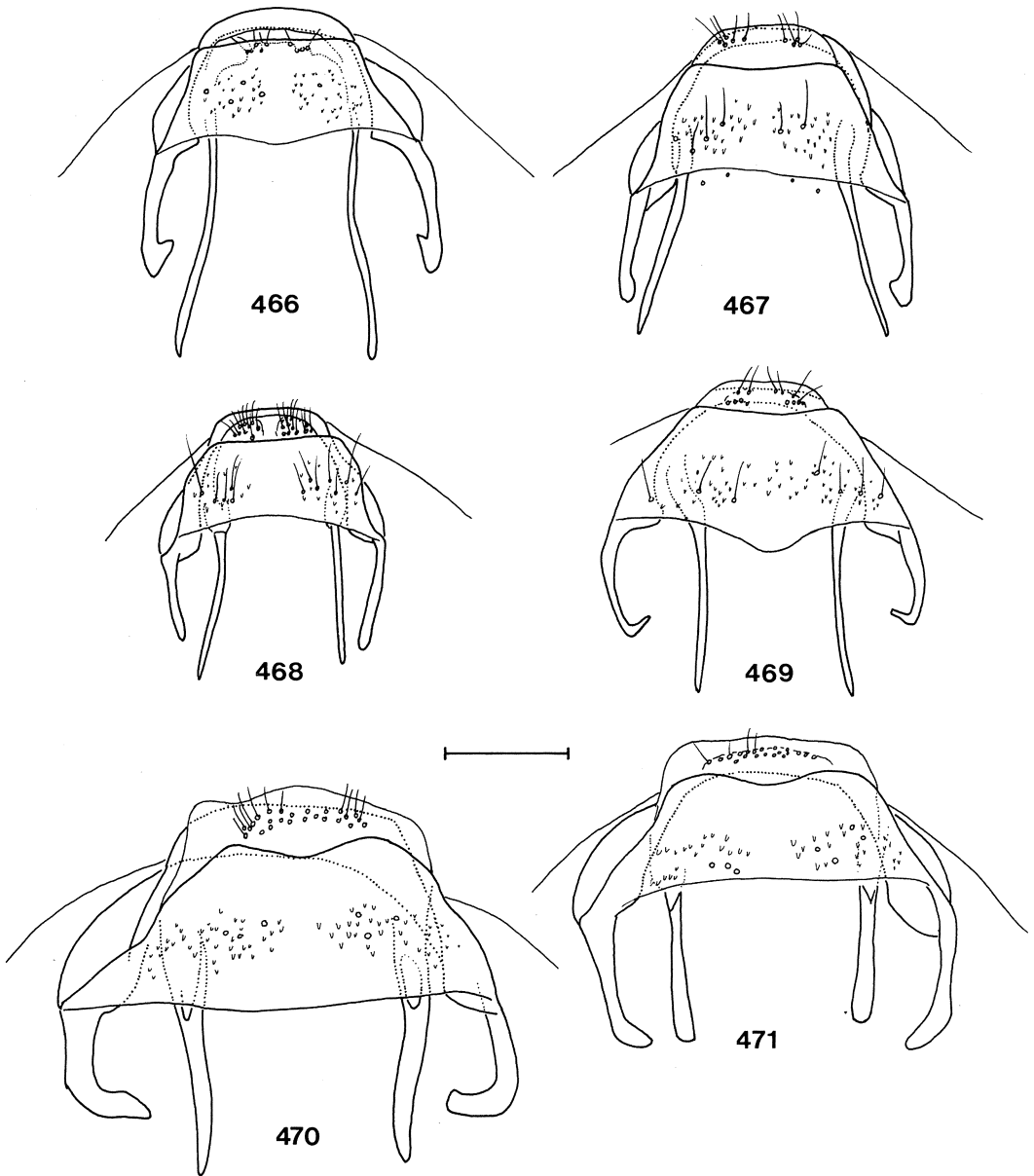
Figs. 442—449. Female postabdomen of *Ectoedemia* (s.str.) spp., *subbimaculella* group. 442, *E. spec.* near *algeriensis*, slide VU 1897, Spain, N. of Benahavis; 443, *E. gilvipennella*, slide VU 1380, Hungary, Törökbálint; 444, *E. leucothorax*, slide Klim. 774, paratype, Spain, Marbella; 445, *E. baraldi*, slide VU 901, paralectotype, France, Angoulême; 446, *E. ilicis*, slide VU 1352, France, “Nesp.”; 447, *E. heringella*, slide VU 902, paralectotype, Italy, Sicilia, Partinico; 448, *E. heringella*, slide RM 6667, Cyprus, Arakapos; 449, *E. alnifoliae*, slide RM 6572, holotype. 448 and 449 slightly squashed. Scale: 0.1 mm.



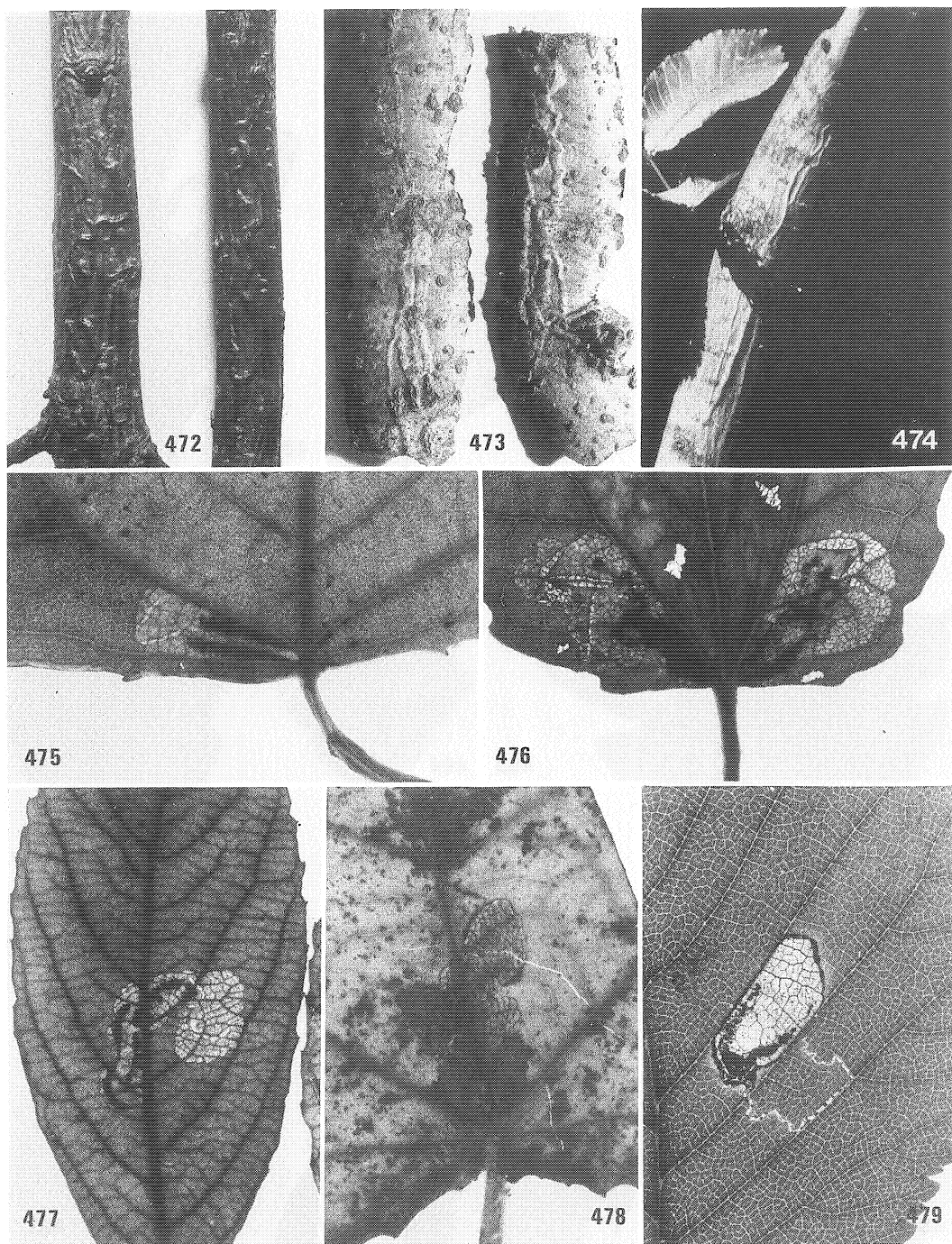
Figs. 450—457. Female postabdomen of *Ectoedemia* (s.str.) spp., *subbimaculella* group. 450, *E. nigrosparsella*, slide VU 1379, Hungary, Törökbalint; 451, *E. albifasciella*, slide VU 892, Netherlands, Hilversum; 452, *E. ceris*, slide VU 1730, Hungary, Szár; 453, *E. pubescivora*, slide VU 1403, Italy, Sardegna, Belvi; 454, *E. contorta*, slide VU 1388, holotype; 455, *E. subbimaculella*, slide VU 891, Netherlands, Hilversum; 456, *E. beringi*, slide VU 895, paralectotype of *N. zimmermanni*, Czechoslovakia, Libochowan; 457, *E. phyllotomella*, slide VU 1392, paralectotype, Italy, Ferrania. Scale: 0.1 mm.



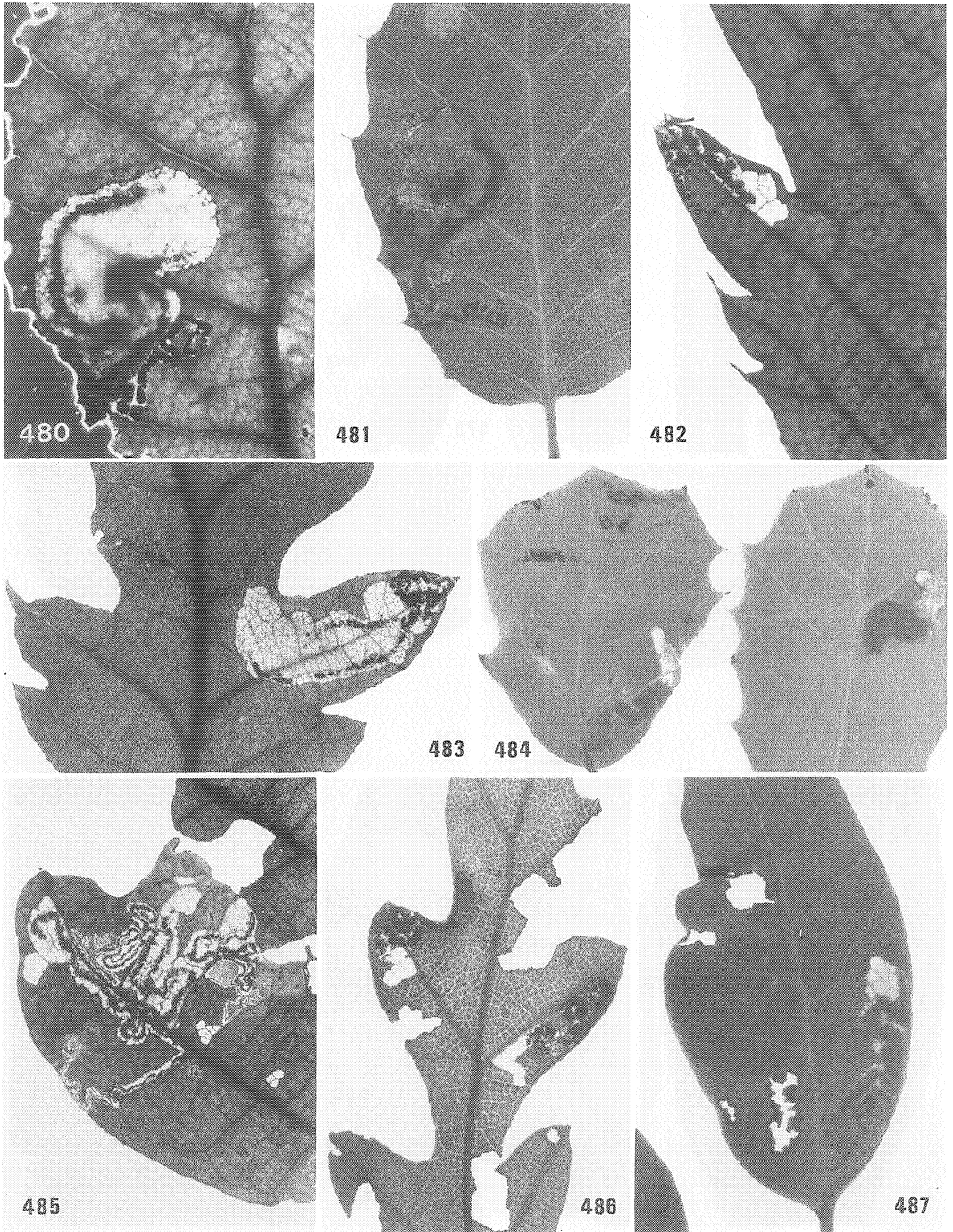
Figs. 458—465. Female postabdomen of *Ectoedemia* (s.str.) spp. 458, *E. spec.* (specimen 1375), slide VU 1375, Iran, W. of Shiraz; 459, *E. terebinthivora*, slide VU 1248, Greece, Dhelfoi; 460, *E. erythrogenella*, slide BM 22675, France, Cannes; 461, *E. spiraeae*, slide VU 1868, paratype, Czechoslovakia, Čingov; 462, *E. agrimoniae*, slide VU 1136, Greece, Katsika; 463, *E. hexapetalae*, slide VU 1742, Hungary, Budapest; 464, *E. angulifasciella*, slide VU 969, Netherlands, Ootmarsum; 465, *E. atricollis*, slide VU 968, Netherlands, Ankeveense Plassen. Scale: 0.1 mm.



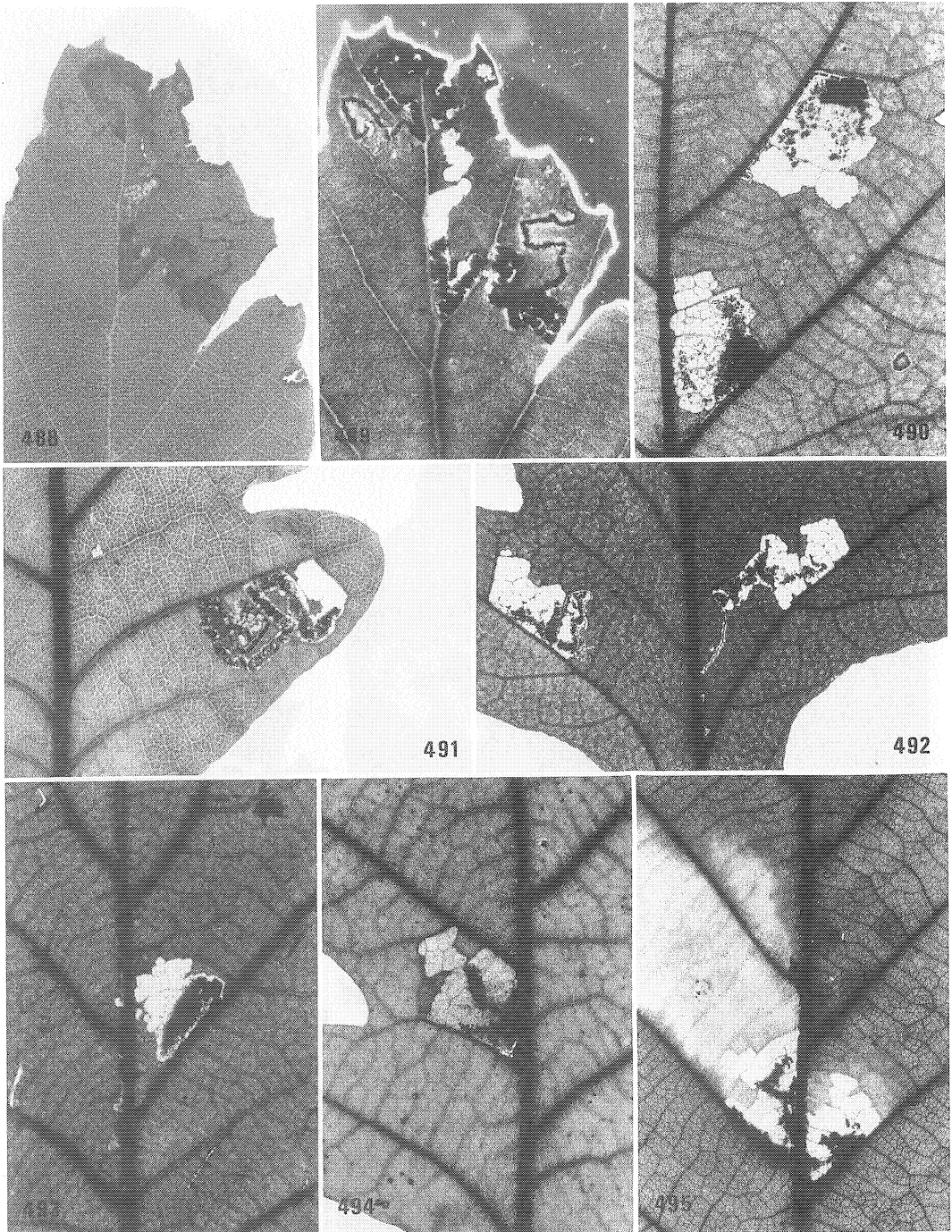
Figs. 466—471. Female postabdomen of *Ectoedemia* (s.str.) spp. 466, *E. arcuatella*, slide BM 22679, paralectotype, Switzerland, Zürich; 467, *E. rubivora*, slide VU 649, Netherlands, Winterswijk; 468, *E. spinosella*, slide VU 947, lectotype; 469, *E. mahalebella*, slide VU 999, France, St. Thibaud-de-Couz; 470, *E. occultella*, slide VU 1183, Austria; 471, *E. minimella*, slide VU 1220, France, Pralognan. Scale: 0.1 mm.



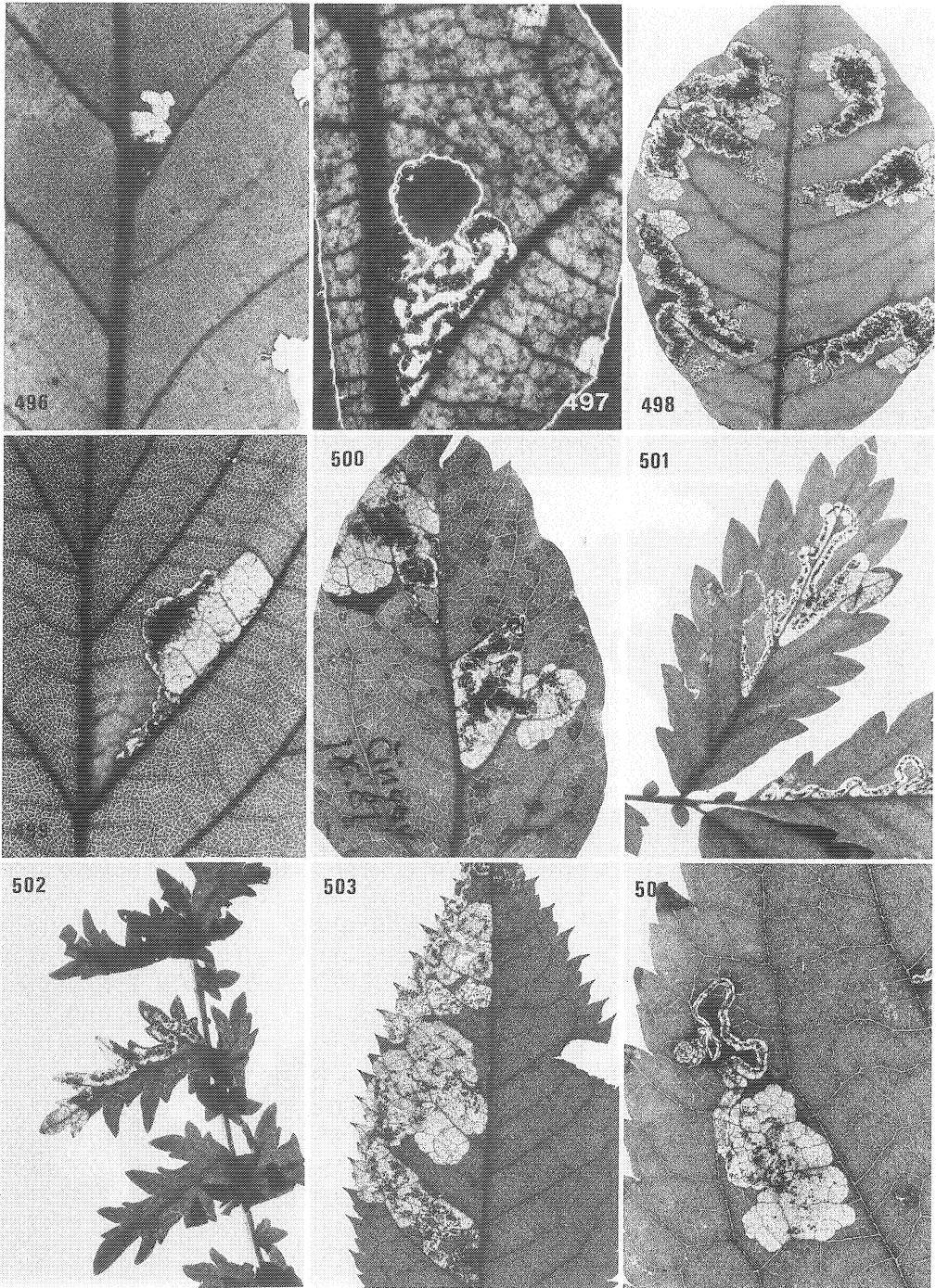
Figs. 472—479. Mines of *Ectoedemia*. 472, *E. atrifrontella* on *Quercus robur* (dried branch), Netherlands, Hollandse Rading; 473, *E. liebwerdella* on *Fagus sylvatica* (dried bark), France, le Sappey-en-Chartreuse; 474, *E. amani* on *Ulmus* sp., Sweden, from colour-slide R. Johansson; 475, *E. hannoverella* on *Populus* × *canadensis*, Netherlands, Bunde; 476, *E. turbidella* on *Populus canescens*, England, Loughton; 477, *E. intimella* on *Salix cinerea*, Netherlands, Rockanje; 478, *E. klimeschi* on *Populus alba*, Austria, Linz; 479, *E. preisseckeri* on *Ulmus* sp., Austria, Wien.



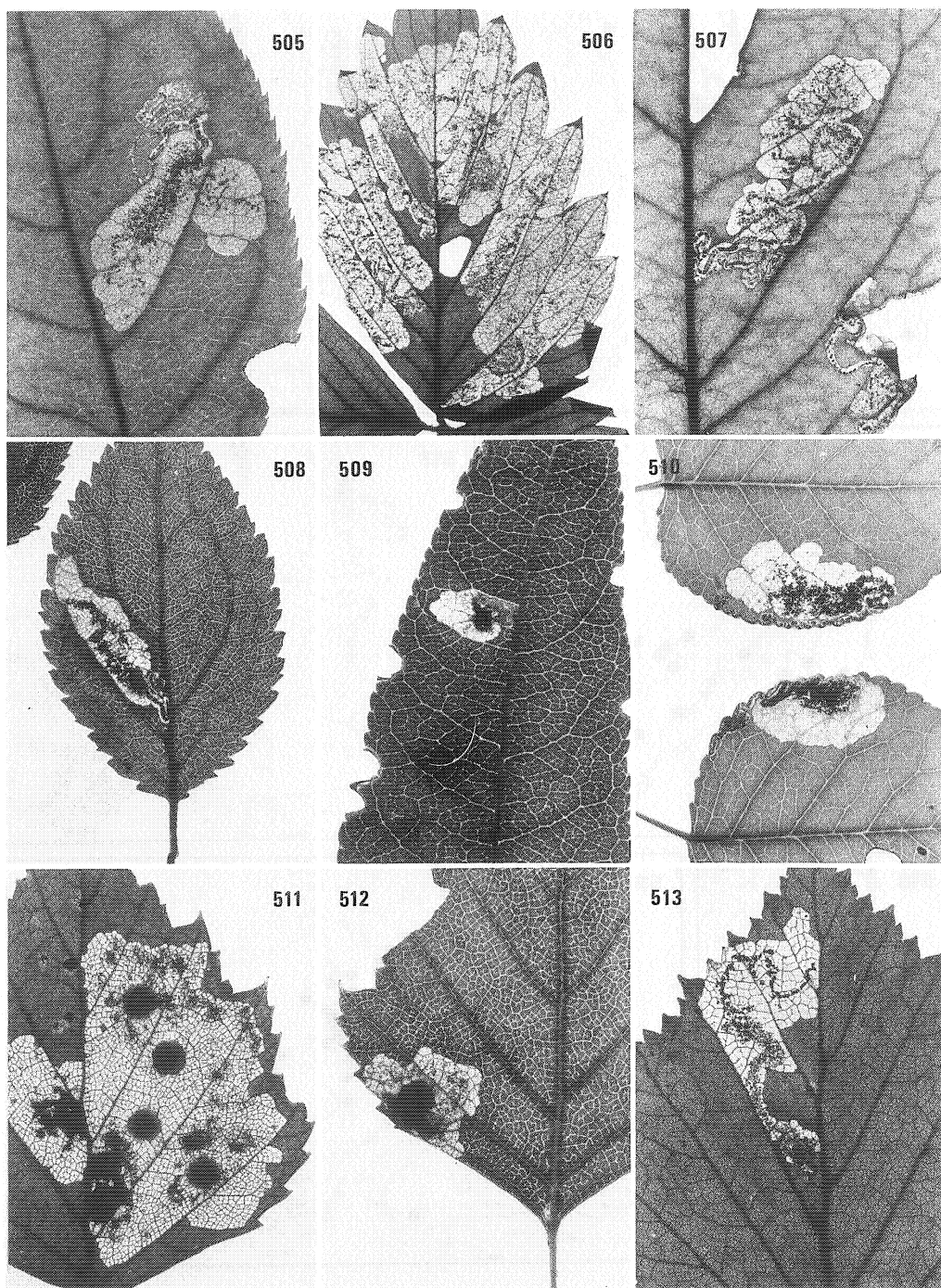
Figs. 480—487. Mines of *Ectoedemia* on leaves of *Quercus* spp. 480, *E. suberis* on *Q. suber*, Spain, Sierra Blanca; 481, *E. suberis* or *andalusiae* on *Q. coccifera*, Spain, Marbella; 482, *E. aegilopidella* on *Q. macrolepis*, Greece, Rhodos; 483, *E. caradjai* on *Q. pubescens*, Greece, Oiti Oros; 484, *E. algeriensis* on *Q. rotundifolia*, Algeria, Arris; 485, *E. quinquella* on *Q. robur*, England, Herringswell; 486, *E. gilvipennella* on *Q. cerris*, Austria, Loreto; 487, *E. baraldi* on *Q. ilex*, France, Roquefort.



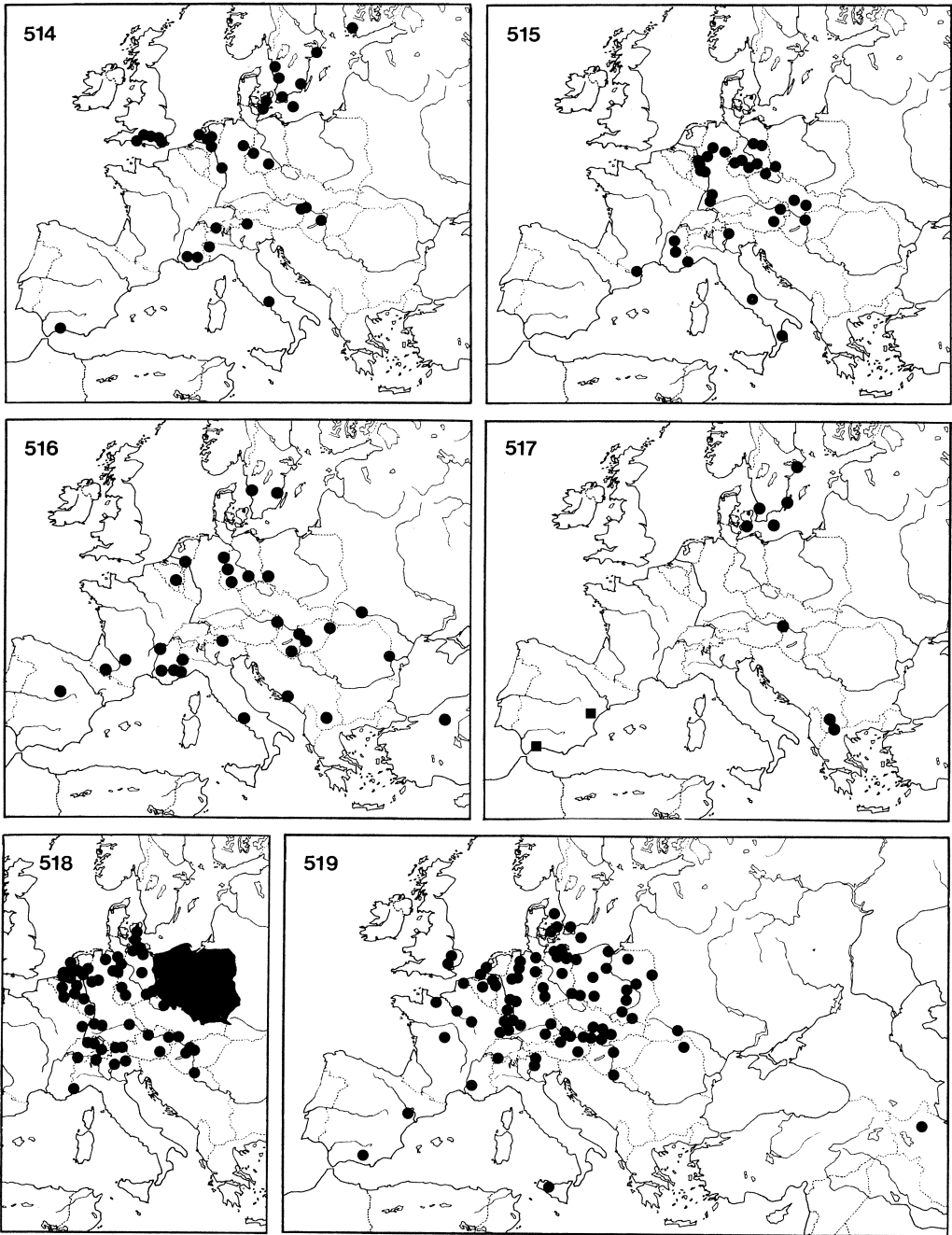
Figs. 488—495. Mines of *Ectoedemia* on leaves of *Quercus* spp. 488, 489, *E. ilicis* on *Q. suber*, Spain, Sierra Blanca; 490, *E. albifasciella* on *Q. petraea*, West Germany, Wiesbaum; 491, *E. nigrosarsella* on *Q. pubescens*, Austria, Gumpoldskirchen; 492, *E. cerris* on *Q. cerris*, Austria, Hof am Leithagebirge; 493, *E. pubescivora* on *Q. pubescens*, Italy, Picinisco; 494, *E. subbimaculella* on *Q. petraea*, Yugoslavia, Bihac; 495, *E. heringi* on *Q. petraea*, Hungary, Törökbálint.



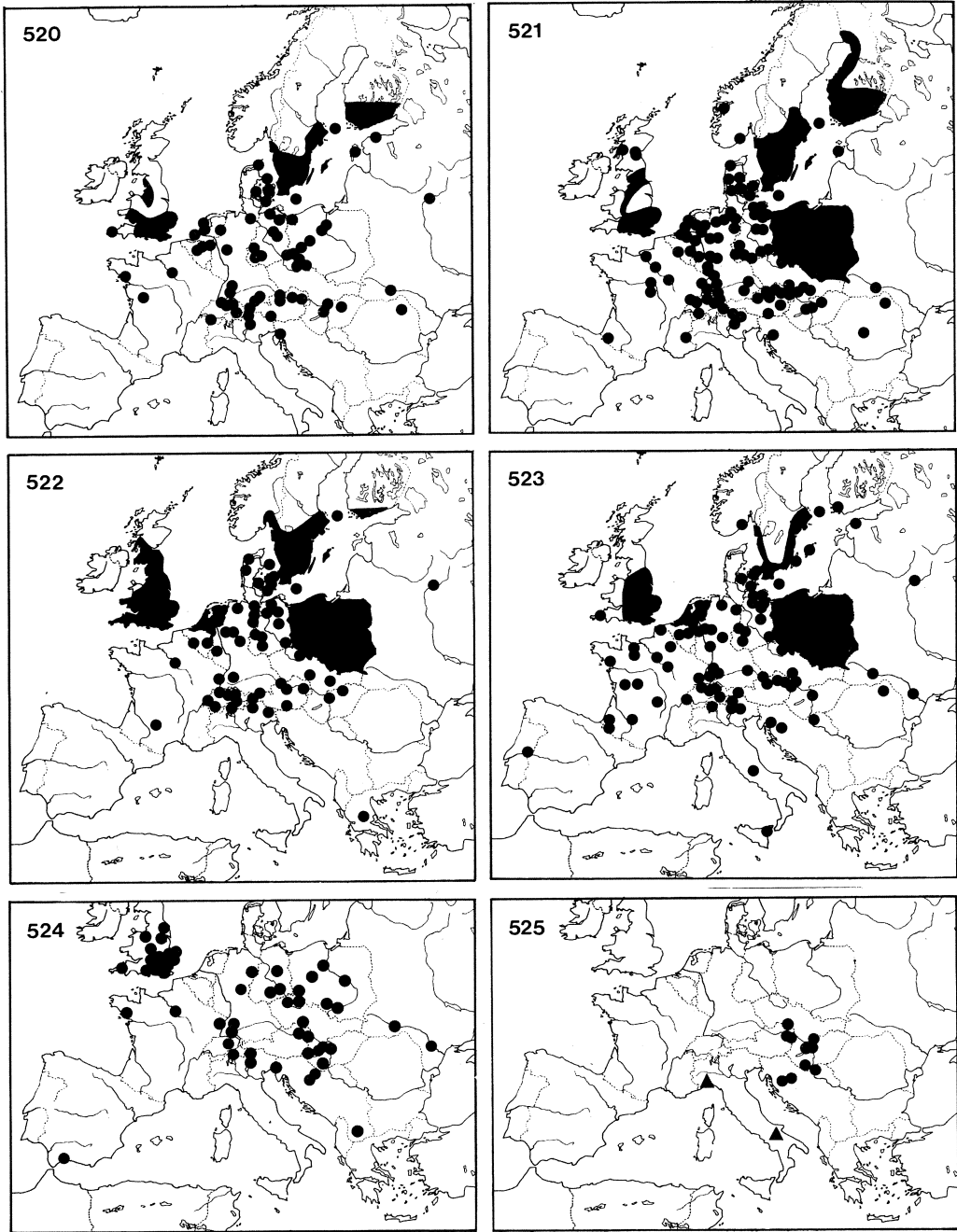
Figs. 496—504. Mines of *Ectoedemia*. 496, *E. liechtensteini* on *Quercus cerris*, Yugoslavia, Han Knežica; 497, *E. phyllotomella* on *Q. cerris*, Italy, Ferrania; 498, *E. terebinthivora* on *Pistacia terebinthus*, Greece, Dhelfoi; 499, *E. erythrogenella* on *Rubus ulmifolius*, Yugoslavia, Piran; 500, *E. spiraeae* on *Spiraea media*, Czechoslovakia, Čingov; 501, *E. agrimoniae* on *Agrimonia eupatoria*, Austria, Hundsheimer Berg; 502, *E. hexapetalae* on *Filipendula vulgaris*, Austria, Gramatneusiedl; 503, *E. angulifasciella* on *Rosa canina*, Netherlands, Ootmarsum; 504, *E. atricollis* on *Prunus avium*, Austria, Hof am Leithagebirge.



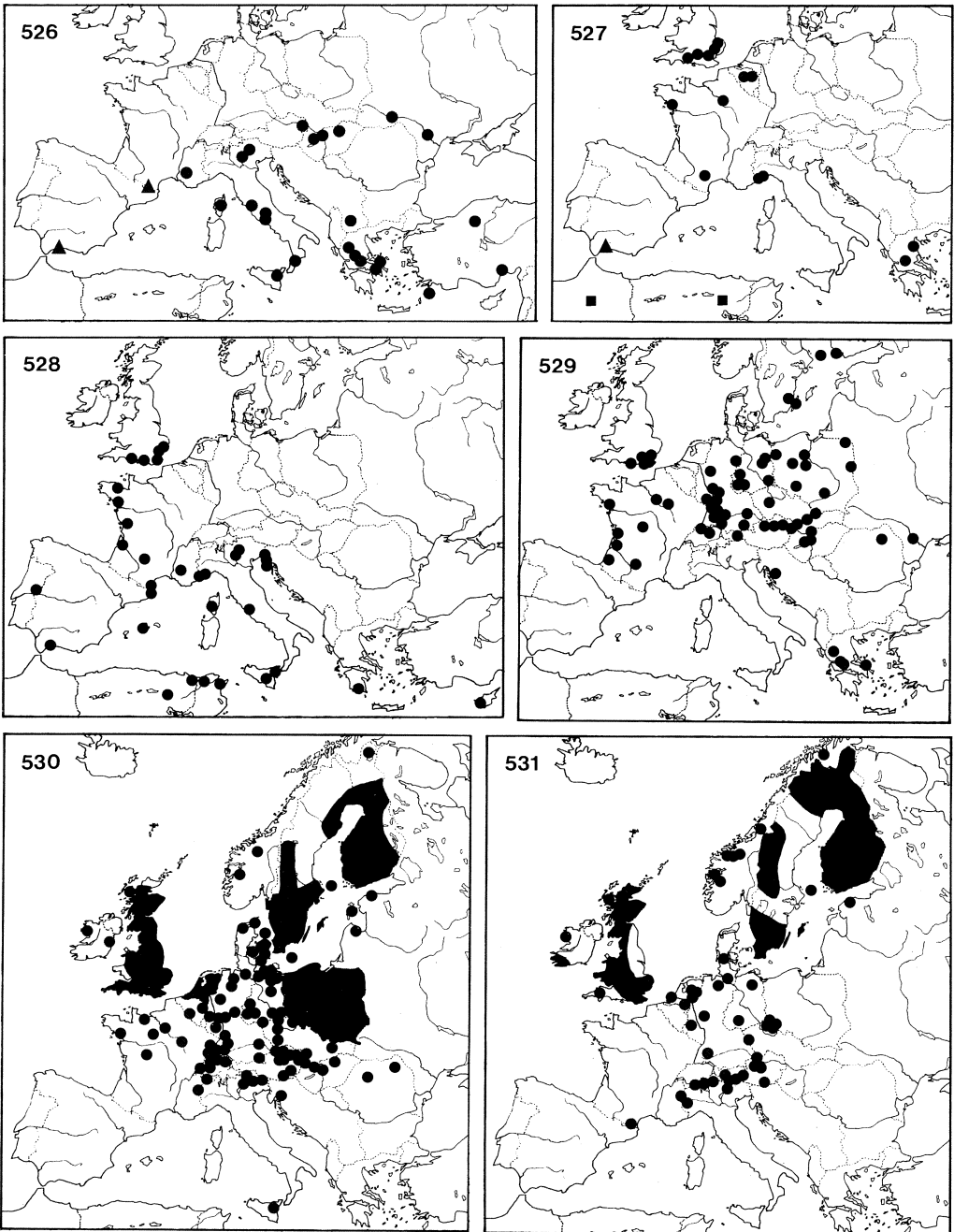
Figs. 505—513. Mines of *Ectoedemia*. 505, *E. atricollis* on *Staphylea pinnata*, Austria, Hundsheimer Berg; 506, *E. arcuatella* on *Fragaria vesca*, Austria, Völkermarkt; 507, *E. rubivora* on *Rubus saxatilis*, Italy, Trento; 508, *E. spinosella* on *Prunus spinosa*, Netherlands, Gulpen; 509, *E. spinosella* on *Prunus dulcis*, Greece, Arákhova; 510, *E. mahalebella* on *Prunus mahaleb*, Yugoslavia, Selce; 511, *E. occultella* on *Betula pubescens*, Italy, Trento; 512, *E. occultella* on *B. pendula*, Austria, Nassfeld Pass; 513, *E. minimella* on *B. pubescens*, Norway, Rennebu.



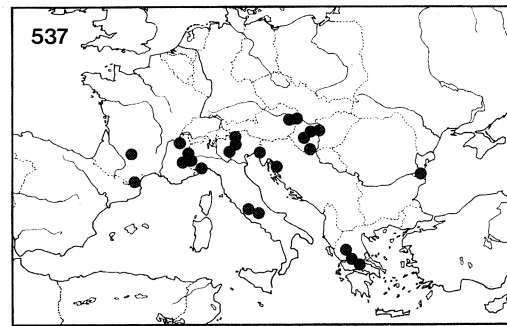
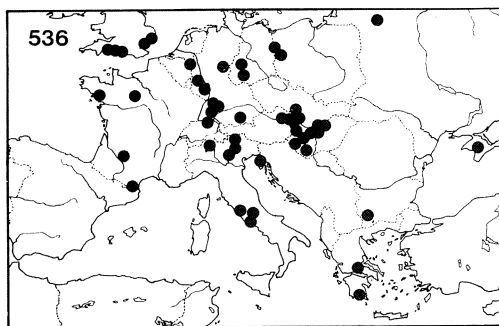
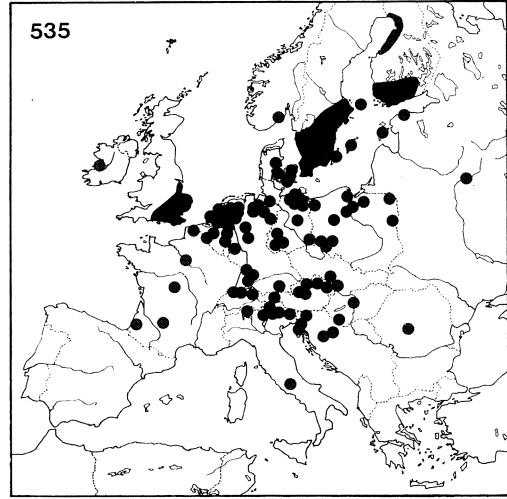
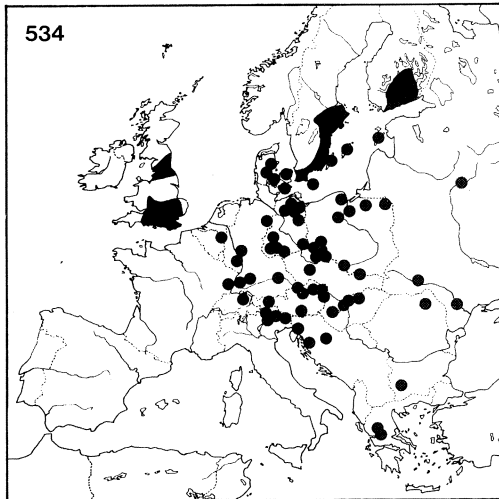
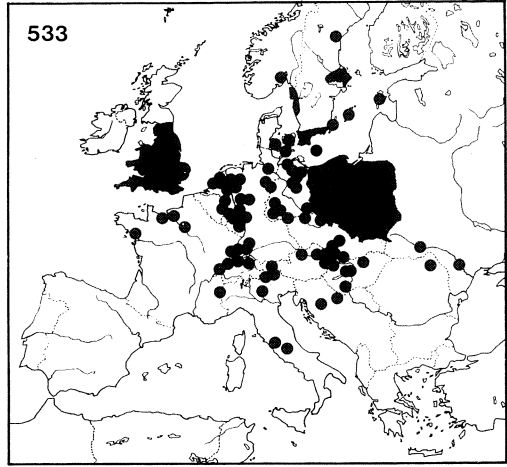
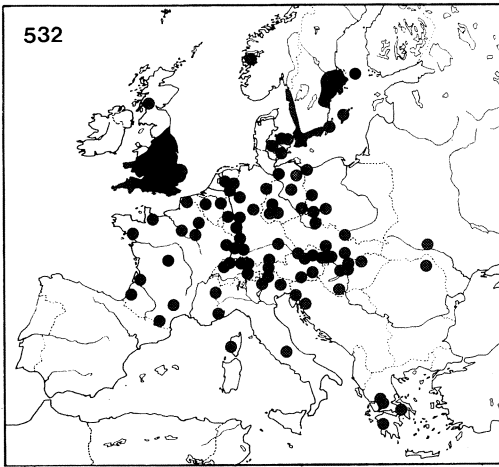
Figs. 514—519. Distribution maps of *Ectoedemia* spp. 514, *E. atrifrontella*; 515, *E. liebwerdella*; 516, *E. longicaudella*; 517, *E. hispanica* (rectangles) and *E. amani* (dots); 518, *E. hannoverella*; 519, *E. turbidella*.



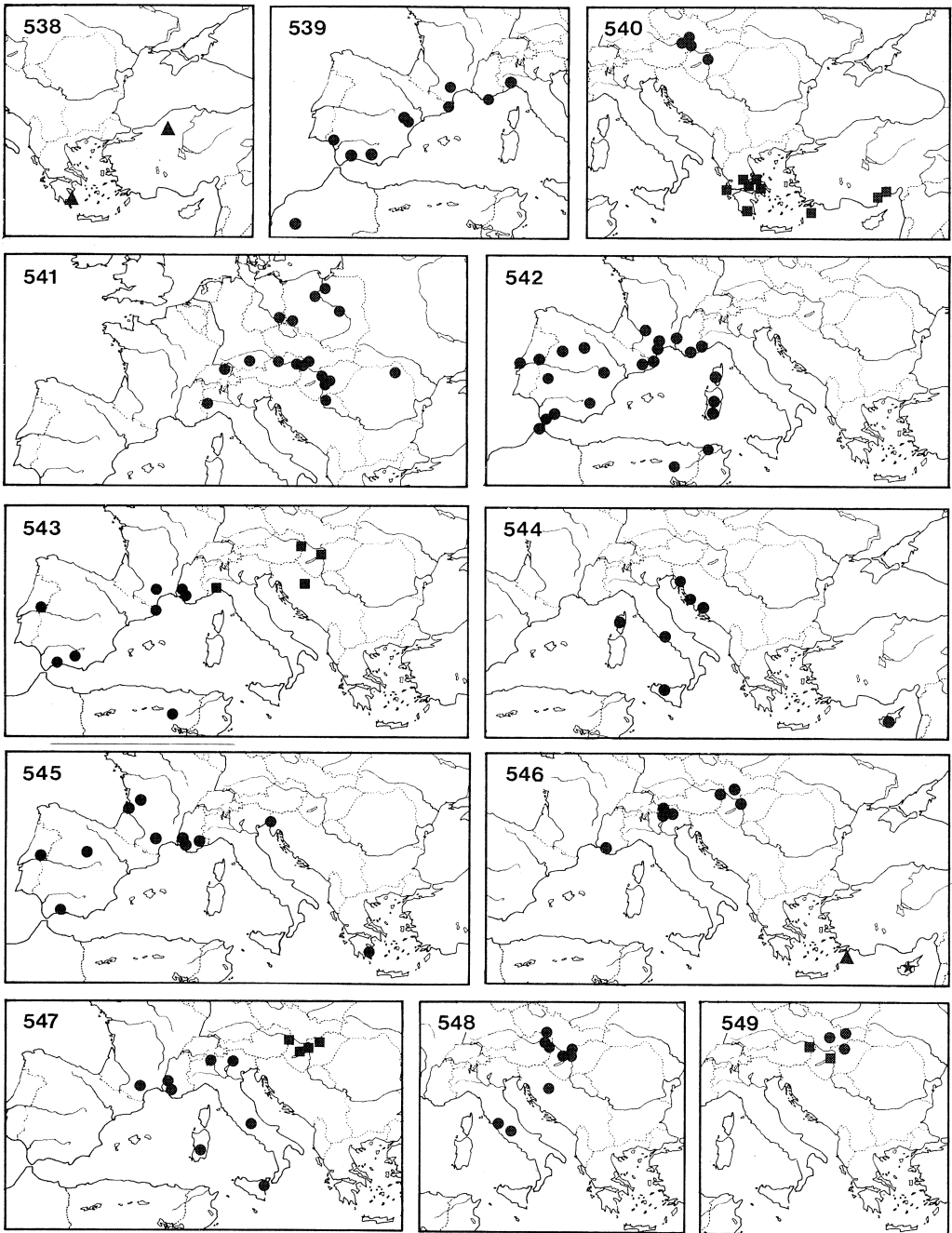
Figs. 520—525. Distribution maps of *Ectoedemia* spp. 520, *E. intimella*; 521, *E. argyropeza*; 522, *E. albifasciella*; 523, *E. subbimaculella*; 524, *E. heringi*; 525, *E. liechtensteini* (dots) and *E. phyllotomella* (triangles).



Figs. 526—531. Distribution maps of *Ectoedemia* spp. 526, *E. caradjai* (dots) and *E. andalusiae* (triangles); 527, *E. quinquella* (dots), *E. algeriensis* and ♂ cf. *algeriensis* (rectangles) and *E. leucothorax* and ♀ cf. *algeriensis* (triangle); 528, *E. erythrogenella*; 529, *E. agrimoniae*; 530, *E. occultella*; 531, *E. minimella*.



Figs. 532—537. Distribution maps of *Ectoedemia* ssp. 532, *E. angulifasciella*; 533, *E. atricollis*; 534, *E. arcuata*; 535, *E. rubivora*; 536, *E. spinosella*; 537, *E. mahalebella*.



Figs. 538—549. Distribution maps of *Ectoedemia* spp. 538, *E. monemvasiae*; 539, *E. liguricella*; 540, *E. preiseckeri* (dots) and *E. terebinthivora* (rectangles); 541, *E. klimeschi*; 542, *E. suberis*; 543, *E. gilvipennella* (rectangles) and *E. ilicis* (dots); 544, *E. heringella*; 545, *E. haraldi*; 546, *E. nigrosparsella* (dots), *E. aegihopidella* (triangle) and *E. albifoliae* (star); 547, *E. pubescivora* (dots) and *E. contorta* (rectangles); 548, *E. cerris*; 549, *E. spiraeae* (dots) and *E. hexapetalae* (rectangles).