Plates

Plate 1

Figs. 1, 6 *Angulobracchia crassa* OZVOLDOVA
(1: WIND8, C-37095, 1004UWA91, sc. = 130 μm; 6: WIND15, C-37096, 196LAUS91, sc. = 110 μm)

Fig. 2 *Paronaella* sp.
(WIND8, C-37097, 1016UWA91, sc. = 100 μm)

Fig. 3 *Paronaella* (?) sp.
(WIND8, C-37098, 1013UWA91, sc. = 100 μm)

Figs. 4, 8 *Patulibracchium* sp.
(4: WIND15, C-37108, 185LAUS91, sc. = 100 μm; 8: WIND15, C-37109, 969UWA91, sc. = 90 μm)

Figs. 5, 10, 13 *Paronaella* spp.
(5: WIND4, C-37102, 1747UWA87, sc. = 90 μm; 10: WIND8, C-37103, 1017UWA92, sc. = 100 μm; 13: WIND4, C-37104, 1748UWA87, sc. = 100 μm)

Figs. 7, 12, 16, 17 *Patulibracchium* (?) sp.
Note the distinctive raised triangular portion on both sides of the test.
(7: WIND15, C-37105, 941UWA91, sc. = 100 μm; 12, 17: WIND15, C-37106, 226LAUS91, sc. = 100 μm & 75 μm, 16: WIND4, C-37107, 955UWA87, sc. = 100 μm)

Figs. 9, 11, 15 *Paronaella diastimusphere* n. sp.
(9: holotype WIND15, C-37099, 943UWA91, sc. = 115 μm; 11: paratype WIND15, C-37100, 198LAUS91, sc. = 115 μm; 14: paratype WIND4, C-37101, 245LAUS91, sc. = 115 μm)

Figs. 14, 18 *Spongodiscus renillaeformis* CAMPBELL & CLARK
(14: WIND4, C-37110, 1274LAUS93, sc. = 100; 18: WIND15, C-37111, 1273LAUS93, sc. = 100 μm)

Figs. 19 *Orbiculiforma* sp.
(WIND5, C-37112, 988UWA87, sc. = 120 μm)

Fig. 20 *Orbiculiforma mclaughlini* PESSAGNO
(WIND8, C-37113, 1006UWA91, sc. = 110 μm)

Fig. 21 *Orbiculiforma depressa* WU
(WIND15, C-37203, 1258LAUS93, sc. = 100 μm)

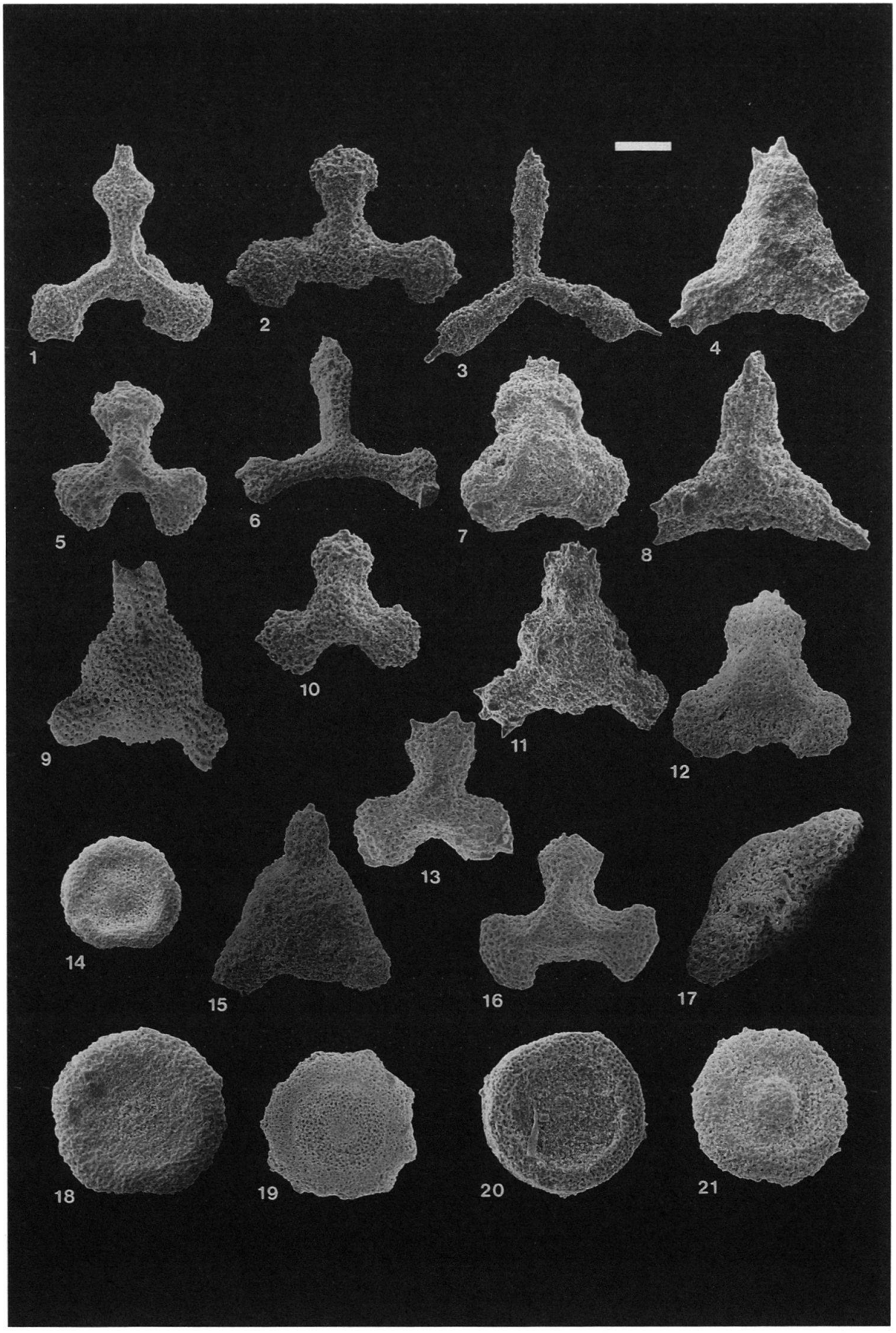
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Plate 2

Figs. 1–4 *Crucella messinae* PESSAGNO
Note increase in growth of patagium with increasing test size.
(1: WIND15, C-37114, 224LAUS91, sc. = 120 μm; 2: WIND15, C-37115, 258LAUS91, sc. = 140 μm; 3: WIND15, C-37116, 192LAUS91, sc. = 180 μm; 4: WIND15, C-37117, 190LAUS91, sc. = 120 μm)

Figs. 5, 6 *Napora dumitricai* PESSAGNO
(5: WIND15, C-37119, 1532UWA87, sc. = 80 μm; 6: WIND15, C-37120, 161LAUS91, sc. = 100 μm)

Fig. 7 *Napora* sp. cf. *N. durhami* Pessagno
(WIND15, C-37121, 1526UWA87, sc. = 80 μm)

Fig. 8 *Crucella* sp.
(WIND4, C-37122, 93LAUS91, sc. = 120 μm)

Fig. 9 *Acaeniotyle* (?) sp. A
(WIND8, C-37123, 1071UWA91, sc. = 115 μm)

Figs. 10, 13 *Haliomma* sp.
(10: WIND15, C-37126, 197LAUS91, sc. = 95 μm; 13: WIND15, C-37127, 253LAUS91, sc. = 85 μm)

Fig. 11 *Spongopyle stauromorphos* RENZ
(WIND5, C-37118, 1247LAUS93, sc. = 95 μm)

Figs. 12, 15 *Triactoma* sp.
(12: WIND15, C-37128, 263LAUS91, sc. = 100 μm; 15: WIND4, C-37129, 1744UWA87, sc. = 105 μm)

Figs. 14, 16 *Archaeocenosphaera euganea* (SQUINABOL)
(14: WIND4, C-37130, 96LAUS91, sc. = 100 μm; 16: WIND8, C-37131, 1123UWA91, sc. = 100 μm)

Fig. 17 *Alievium* (?) sp. A
(WIND8, C-37124, 1126UWA91, sc. = 80 μm)

Fig. 18 *Praeconocaryomma lipmanae* PESSAGNO
(WIND8, C-37125, 1014UWA91, sc. = 80 μm)

Fig. 19 *Acaeniotyle* (?) sp. B
(WIND19, C-37132, 313LAUS91, sc. = 130 μm)

Fig. 20 *Spongopyle* sp. cf. *S. insolita* KOZLOVA
(WIND4, C-37204, 1246LAUS93, sc. = 95 μm)

Fig. 21 *Spongopyle ecleptos* RENZ
(WIND4, C-37205, 1242LAUS93, sc. = 95 μm)

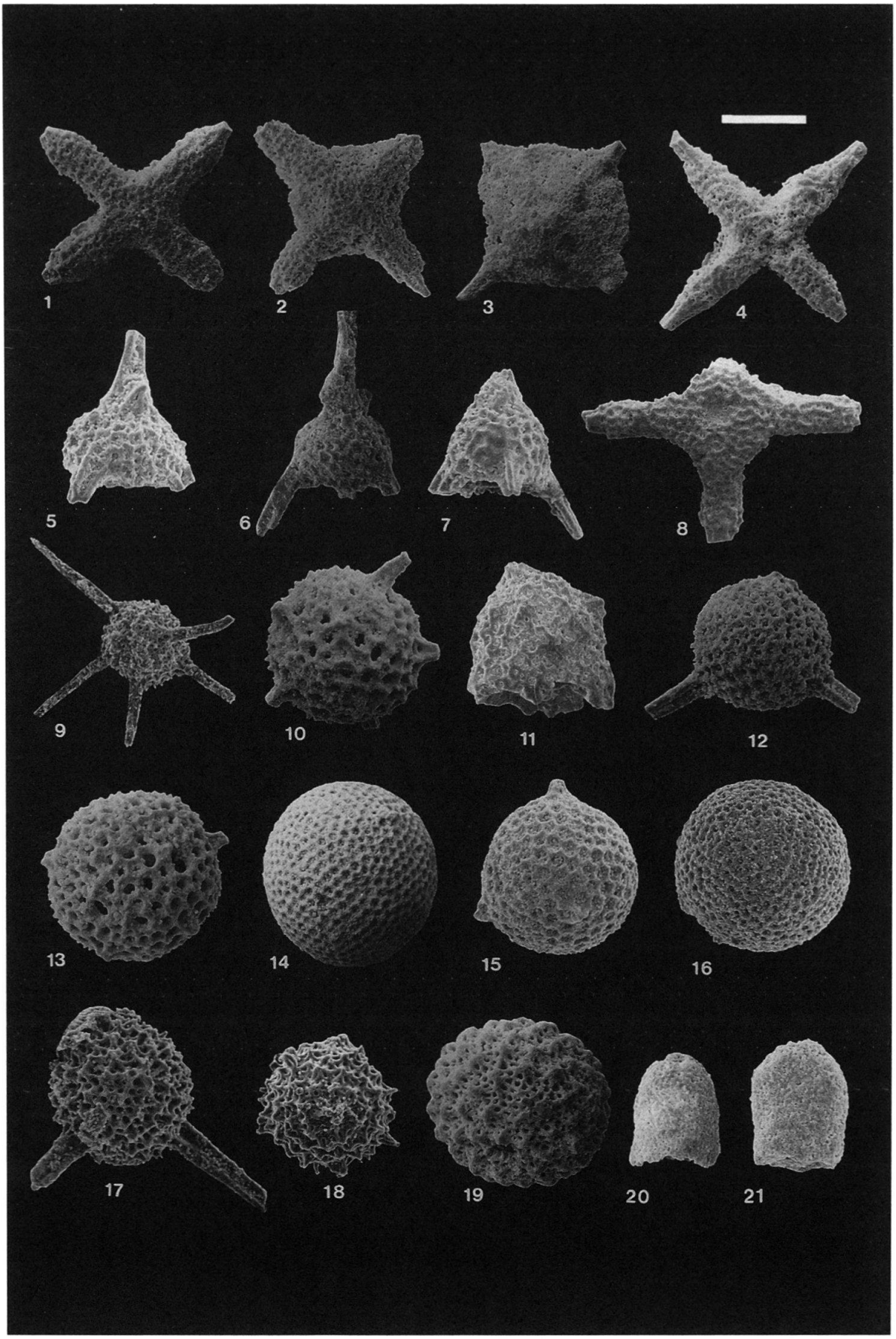
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Plate 3

Fig. 1 *Protoxiphotractus* (?) *rugosa* TAN
(WIND15, C-37133, 261LAUS91, sc. = 85 μm)

Fig. 2 *Archaeospongoprunum* sp.
(WIND8, C-37134, 1002UWA91, sc. = 95 μm)

Figs. 3, 4 *Archaeospongoprunum carrierensis* PESSAGNO
(3: WIND15, C-37135, 246LAUS91, sc. = 105 μm; 4: WIND15, C-37136, 949UWA91, sc. = 105 μm)

Fig. 5 *Archaeospongoprunum* sp. cf. *A. tehamaensis* PESSAGNO
(WIND15, C-37138, 150LAUS91, sc. = 90 μm)

Fig. 6 *Archaeospongoprunum* sp. cf. *A. praelongum* PESSAGNO
(WIND19, C-37139, 344LAUS91, sc. = 100 μm)

Fig. 7 *Archaeospongoprunum klingi* PESSAGNO
(WIND15, C-37137, 264LAUS91, sc. = 100 μm)

Figs. 8, 9 *Acaeniotyle longispina* (SQUINABOL)
(8: WIND15, C-37140, 218LAUS91, sc. = 105 μm; 9: WIND4, C-37141, 1743UWA87, sc. = 100 μm)

Fig. 10 *Acaeniotyle diaphorogona* FOREMAN
(WIND15, C-37142, 1740UWA87, sc. = 100 μm)

Fig. 15 *Alievium* (?) sp. B
(WIND15, C-37143, 1997UWA91, sc. = 85 μm)

Fig. 11 *Archaeospongoprunum diversispina* SQUINABOL
(WIND8, C-37144, 980UWA91, sc. = 105 μm)

Fig. 12 *Mesosaturninus hueyi* group (PESSAGNO)
(WIND8, C-37145, 1000UWA91, sc. = 100 μm)

Fig. 13 *Stylosphaera pusillus* CAMPBELL & CLARK emend. Foreman
(WIND4, C-37146, 1753UWA87, sc. = 75 μm)

Fig. 14 *Stylosphaera* sp. cf. *S. hastatus* (CAMPBELL & CLARK)
(WIND8, C-37147, 1137UWA91, sc. = 115 μm)

Figs. 16, 17 *Praeconocaryomma prisca* PESSAGNO
(16: WIND19, C-37148, 347LAUS91, sc. = 110 μm; 17: WIND19, C-37149, 353LAUS91, sc. = 115 μm)

Fig. 18 aff. *Staurocyclia martini* RÜST
(WIND8, C-37150, 1011UWA91, sc. = 175 μm)

Fig. 19 *Spongotripus* sp. cf. *Tripodictya triacummata* LIPMAN
(WIND15, C-37151, 1533UWA87, sc. = 100 μm)

Fig. 20 *Patellua* sp.
(WIND19, C-37152, 290LAUS91, sc. = 125 μm)

Fig. 21 *Histastrum aster* LIPMAN
(WIND15, C-37153, 1738UWA87, sc. = 85 μm)

Figs. 22–24 *Praeconocaryomma excelsa* n. sp.
(22: WIND4, C-37154, 847UWA87, sc. = 110 μm; 23: WIND4, C-37155, 840UWA87, sc. = 120 μm; 24: WIND4, C-37156, 851UWA87, sc. = 100 μm)

Fig. 25 *Acaeniotyle* sp. cf. *A. diaphorogona* FOREMAN
(WIND15, C-37157, 1735UWA87, sc. = 95 μm)

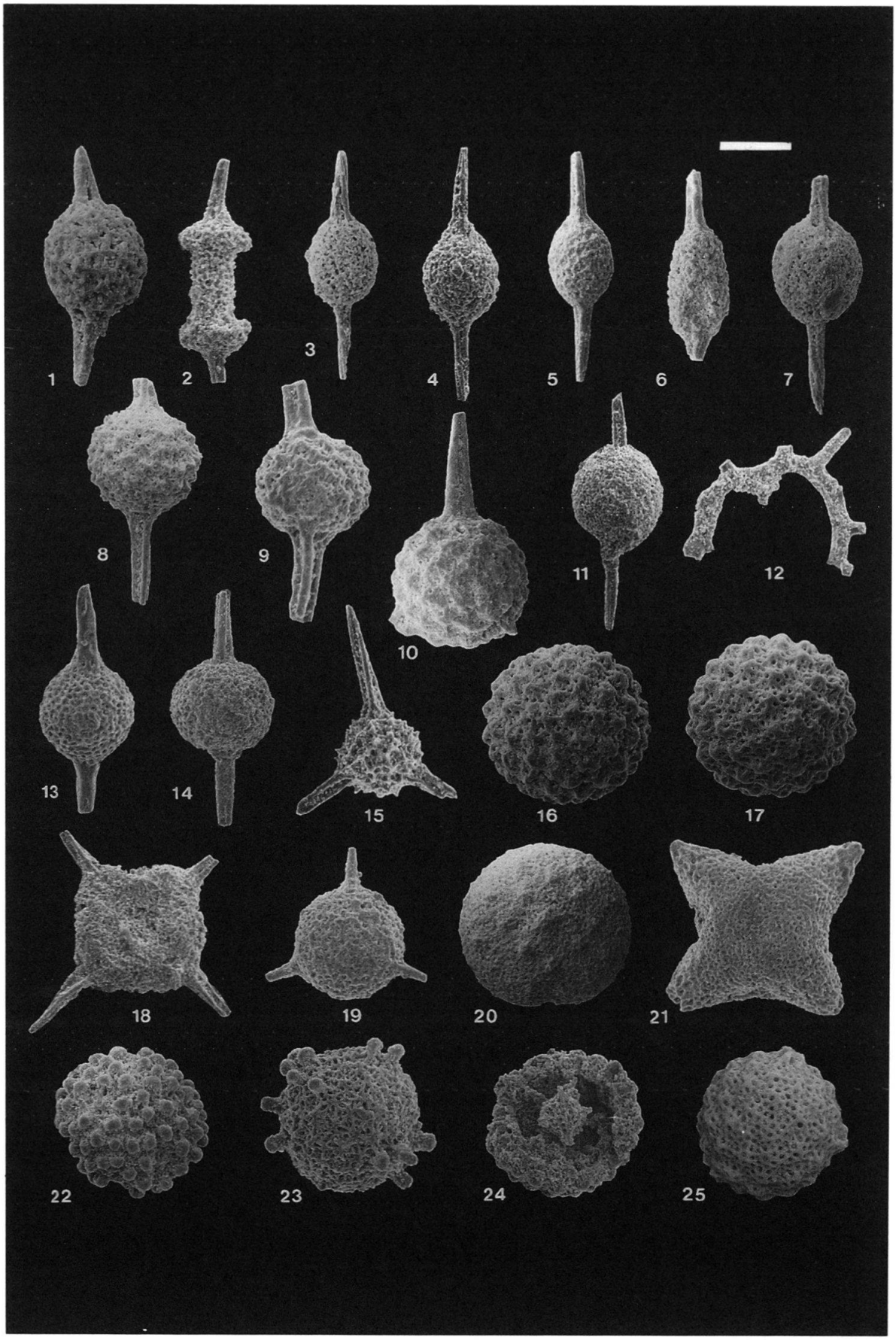
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Plate 4

Figs. 1–3 *Arachnosphaera exilis* (HINDE)
(1: WIND19, C-37158, 351LAUS91, sc. = 105 μm; 2: WIND4, C-37159, 975UWA87, sc. = 60 μm; 3: WIND4, C-37160, 1670UWA87, sc. = 105 μm)

Fig. 4 Actinommid gen. and sp. indet
(WIND4, C-37161, 1384UWA87, sc. = 100 μm)

Figs. 5–7 *Actinomma* (?) *pleiadesensis* n. sp.
(5: WIND15, C-37162, 234LAUS91, sc. = 115 μm; 6: WIND15, C-37163, 214LAUS91, sc. = 125 μm; 7: WIND15, C-37164, 1529UWA87, sc. = 125 μm)

Fig. 8 *Spongopyle galeata* RENZ
(WIND4, C-37206, 1244LAUS93, sc. = 85 μm)

Fig. 9 *Spongatractus biconstrictus* RÜST
(WIND8, C-37165, 1133UWA91, sc. = 100 μm)

Fig. 10 *Spongatractus* sp. cf. *S. biconstrictus* RÜST
(WIND19, C-37166, 358LAUS91, sc. = 110 μm)

Fig. 11 *Tricolocapsa* sp.
(WIND15, C-37162, 1530UWA87, sc. = 70 μm)

Fig. 12 *Stichocapsa* sp.
(WIND15, C-37170, 1265LAUS93, sc. = 100 μm)

Fig. 13 *Xitus vermiculatus* (RENZ)
(WIND15, C-37171, 174LAUS91, sc. = 78 μm)

Figs. 14, 15 *Artocapsa ultima* (TAN)
(14: WIND4, C-37173, 969UWA87, sc. = 100 μm; 15: WIND4, C-37174, 1742UWA87, sc. = 110 μm)

Fig. 16 *Gongylothorax cephalocrypta* (TAN)
(WIND15, C-37172, 177LAUS91, sc. = 50 μm)

Figs. 17, 22 *Tricolocapsa antiqua* (SQUINABOL)
(17: WIND19, C-37168, 340LAUS91, sc. = 75 μm; 22: WIND4, C-37169, 60LAUS91, sc. = 85 μm)

Fig. 18 *Pseudodictyomitra lodogaensis* PESSAGNO
(WIND4, C-37175, 17LAUS91, sc. = 85 μm)

Fig. 19 *Amphipyndax stocki* (CAMPBELL & CLARK)
(WIND15, C-37176, 1263LAUS93, sc. = 100 μm)

Fig. 20 Nassellarian gen. and sp. indet
(WIND4, C-37177, 78LAUS91, sc. = 88 μm)

Figs. 21, 23 *Hemicryptocapsa* sp. cf. *H. simplex* DUMITRICA
(21: WIND4, C-37178, 9LAUS91, sc. = 56 μm; 23: WIND4, C-37179, 70LAUS91, sc. = 74 μm)

Fig. 24 *Holocryptocanium barbui barbui* DUMITRICA
(WIND4, C-37180, 66LAUS91, sc. = 95 μm)

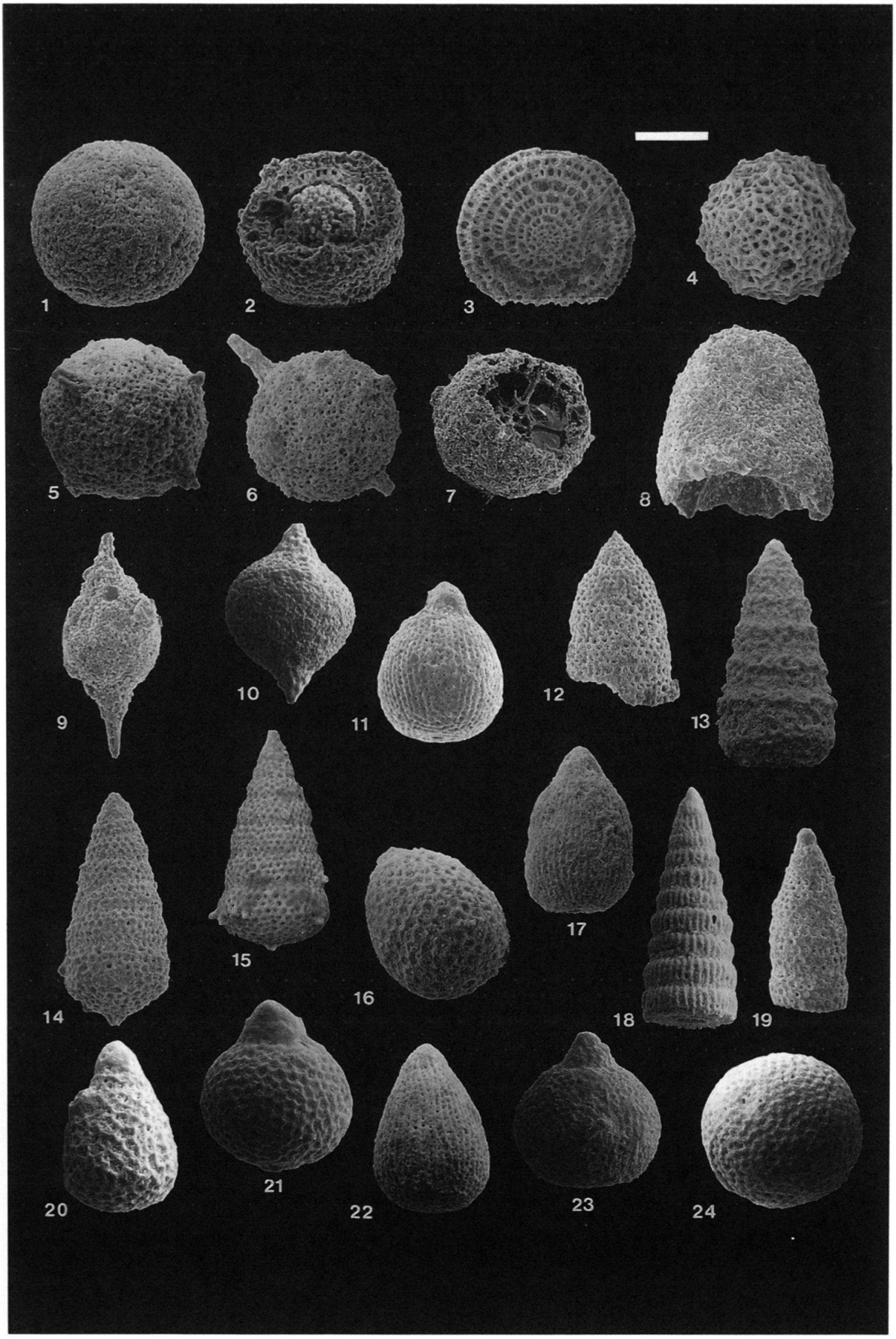
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Plate 5

Figs. 1–3, 5, 21, 26 *Windalia pyrgodes* (RENZ)
(1: WIND15, C-37181, 956UWA91, sc. = 120 µm; 2: WIND8, C-37182, 1138UWA91, sc. = 110 µm; 3: WIND19, C-37183, 332LAUS91, sc. = 95 µm; 21: WIND15, C-37184, 981UWA91, sc. = 45 µm, note septal partition with wide aperture; 26: WIND15, C-37185, 960UWA91, sc. = 55 µm, note short terminal extension and constricted aperture)

Figs. 4, 6, 11 *Windalia* sp. B
(4: WIND15, C-37186, 125LAUS91, sc. = 105 µm; 6: WIND15, C-37187, 133LAUS91, sc. = 120 µm; 11: WIND4, C-37188, 970UWA87, sc. = 110 µm)

Figs. 7, 14 *Archaeodictyomitra vulgaris* (PESSAGNO)
(7: WIND4, C-37189, 58LAUS91, sc. = 80 µm; 14: WIND4, C-37190, 71LAUS91, sc. = 65 µm)

Figs. 8–10, 12 *Windalia* sp. A
(8: WIND19, C-37192, 311LAUS91, sc. = 95 µm; 9, 12: WIND14, C-37193, 1707UWA87, sc. = 110 µm & 55 µm; 10: WIND8, C-37194, 1129UWA91, sc. = 125 µm)

Fig. 13 *Mita* sp.
(WIND15, C-37195, 138LAUS91, sc. = 45 µm)

Fig. 15 *Archaeodictyomitra sliteri* PESSAGNO
(WIND4, C-37191, 1749UWA87, sc. = 80 µm)

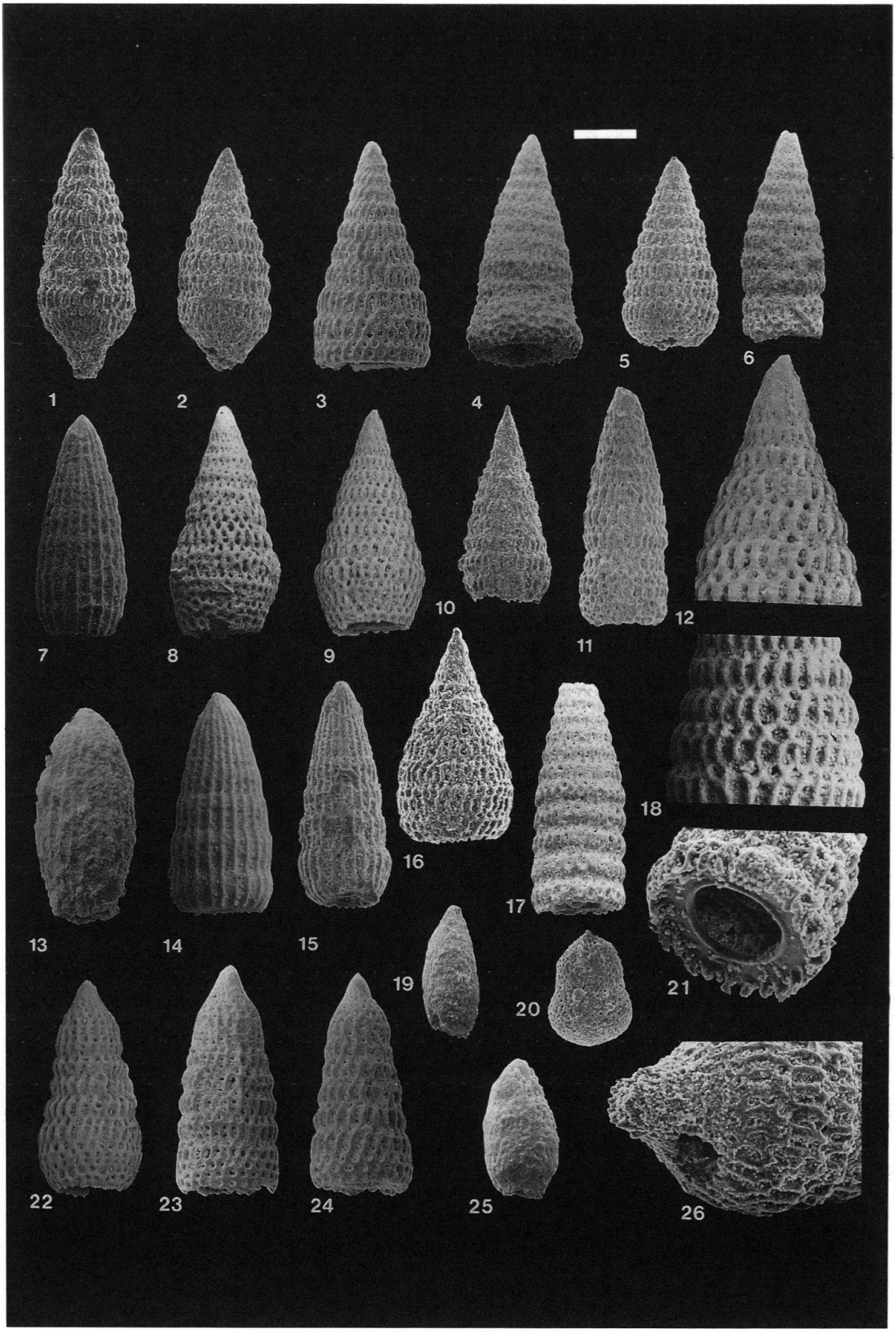
Figs. 16, 18 *Windalia* sp. D
(16: WIND8, C-37196, 1101UWA91, sc. = 95 µm; 18: WIND4, C-37197, 95LAUS91, sc. = 50 µm, note arrangement of ridges and pores characteristic for the genus *Windalia*)

Fig. 17 *Windalia* sp. C
(WIND15, C-37199, 130LAUS91, sc. = 90 µm)

Figs. 19, 25 *Cyrtocalpia operosa* Tan
(19: WIND15, C-37198, 1255LAUS93, sc. = 60 µm; 25: WIND5, C-37207, 1254LAUS93, sc. = 60 µm)

Fig. 20 *Dicanthocapsa* sp. cf. *D. ancus* (FOREMAN)
(WIND15, C-208, 1262LAUS93, sc. = 60 µm)

Figs. 22–24 *Windalia epiplatys* (RENZ)
(22: WIND4, C-37200, 1753UWA87, sc. = 105 µm; 23: WIND19, C-37201, 304LAUS91, sc. = 107 µm; 24: WIND19, C-37202, 308LAUS91, sc. = 95 µm)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