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APPENDIX: DATABASE

DATABASE OF MIDDLE JURASSIC - EARLY CRETACEOUS RADIOLARIA

Includes first and final occurrences of 111 species in 51 localities (245 samples). Version 30A, updated: May 1984.

- * - new data not used in computation of Unitary Associations of this paper.
- ** - revised data as used for computation of U. A. in January 1984, presented in this paper.

Format: Number. Name of locality: Number of sequential samples.
Species number. Lowest sample - highest sample.
Total number of species at locality.

1. Dhimaina, Argolis Peninsula, Peloponnesus, Greece: 9.

17.7-9, 18.3-3, 20.3-3, 21.1-8, 25.1-1, 27.1-3, 28.3-3, 29.3-6,
32.3-5, 40.1-3, 46.2-2, 49.1-1, 56.2-9, 57.1-1, 60.3-3, 62.3-3,
64.1-4, 72.3-3, 73.3-3, 75.1-8, 76.2-9, 77.3-3, 78.2-9, 79.2-3,
84.1-5, 88.2-3. 26.

2. Angelokastron, Argolis Peninsula, Peloponnesus, Greece: 8.

16.2-2, 18.2-7, 19.2-4, 20.4-6, 23.1-8, 24.2-8, 25.1-6, 26.2-8,
27.1-6, 28.2-4, 29.1-8, 30.4-4, 31.2-4, 32.1-8, 33.2-8, 35.2-4,
36.1-8, 37.1-6, 38.2-6, 40.2-8, 43.2-5, 44.2-4, 45.1-4, 46.2-6,
47.1-8, 48.1-5, 49.2-4, 50.1-4, 51.2-5, 52.2-4, 53.2-6, 54.2-4,
55.2-4, 56.2-8, 57.1-8, 58.2-4, 59.2-4, 60.1-8, 62.2-8, 64.2-8,
65.1-4, 66.4-4, 67.2-4, 70.2-4, 72.2-4, 73.2-5, 74.2-4, 75.1-8,
76.1-6, 77.4-8, 78.5-5, 79.2-5, 84.2-4, 86.2-4, 88.6-6, 89.1-5,
90.2-8, 91.1-1. 58.

3. Prosimni, Argolis Peninsula, Peloponnesus, Greece: 3.

21.1-3, 25.1-1, 29.1-1, 32.3-3, 33.1-1, 37.1-1, 40.1-3, 49.3-3,
56.1-3, 60.1-3, 62.1-1, 64.1-3, 71.1-3, 73.3-3, 75.1-3, 76.1-3,
77.1-1, 84.1-1, 86.1-1. 19.

4. Taxiarchis, Argolis Peninsula, Peloponnesus, Greece: 3.

18.2-3, 20.2-2, 21.3-3, 23.1-3, 24.1-2, 25.3-3, 27.1-3, 29.1-3,
30.1-3, 32.1-3, 33.1-3, 36.2-2, 37.1-3, 40.1-1, 43.1-1, 44.1-1,
47.1-3, 49.1-1, 50.1-3, 53.1-1, 54.3-3, 56.1-3, 60.1-3, 62.1-3,
64.1-1, 71.3-3, 72.1-1, 73.1-2, 75.1-3, 76.1-3, 77.1-2, 85.3-3,
88.1-1, 89.1-1, 90.1-2. 35.

5. Kandhia, Argolis Peninsula, Peloponnesus, Greece: 2.

18.1-2, 21.1-2, 23.1-2, 24.2-2, 25.1-2, 26.2-2, 27.2-2, 29.1-2,
30.1-2, 32.1-2, 33.1-2, 40.1-2, 44.1-1, 46.1-1, 54.2-2, 56.1-2,

57.2-2, 59.1-1, 60.1-2, 62.1-2, 64.1-2, 69.1-2, 71.1-1, 72.2-2, 73.1-2, 75.1-2, 76.1-2, 86.1-1, 90.1-2. 29.

6. Serrada, Trento Province, Northern Italy: 1.

24.1-1, 25.1-1, 30.1-1, 33.1-1, 55.1-1, 60.1-1, 64.1-1, 69.1-1, 75.1-1, 76.1-1, 84.1-1. 11.

7. Koliaki, Argolis Peninsula, Peloponnesus, Greece: 4.

1.1-2, 2.1-2, 3.1-1, 4.1-2, 6.3-3, 9.2-3, 11.3-3, 12.3-3, 14.3-3, 15.3-3, 17.1-4, 18.3-3, 20.3-3, 21.3-4, 23.2-4, 24.1-3, 27.4-4, 28.4-4, 29.4-4, 32.3-3, 34.2-3, 35.3-3, 36.2-4, 37.3-3, 39.3-3, 40.4-4, 43.3-3, 47.3-3, 49.3-3, 56.3-4, 57.3-4, 60.4-4, 61.3-3, 63.1-1, 71.4-4, 75.4-4, 76.4-4, 88.3-3, 90.3-3. 39.

8. Theokafra, Argolis Peninsula, Peloponnesus, Greece: 1.

20.1-1, 23.1-1, 24.1-1, 25.1-1, 27.1-1, 28.1-1, 29.1-1, 30.1-1, 31.1-1, 33.1-1, 36.1-1, 38.1-1, 40.1-1, 43.1-1, 54.1-1, 56.1-1, 57.1-1, 58.1-1, 59.1-1, 60.1-1, 62.1-1, 65.1-1, 67.1-1, 68.1-1, 69.1-1, 71.1-1, 73.1-1, 75.1-1, 76.1-1, 78.1-1, 79.1-1, 80.1-1, 81.1-1, 86.1-1, 88.1-1, 90.1-1. 36.

9. Rhadon, Argolis Peninsula, Peloponnesus, Greece: 1.

21.1-1, 27.1-1, 29.1-1, 37.1-1, 47.1-1, 88.1-1, 91.1-1. 7.

10. Pindos, Central Greece: 3.

25.2-2, 27.2-2, 32.2-2, 36.2-2, 37.2-2, 40.2-2, 44.2-2, 45.2-2, 48.1-1, 54.1-1, 56.1-1, 60.2-2, 62.2-2, 64.2-2, 76.2-2, 86.2-2, 97.3-3, 106.3-3, 109.3-3. 19.

11. Marathos, Central Greece: 6.

23.2-2, 32.3-4, 33.2-3, 47.1-1, 53.1-1, 62.3-4, 68.4-4, 69.2-3, 76.2-4, 99.5-5, 106.5-6, 109.5-6. 12.

12. Pojorita, Rarau Mountains, Roumania: 2.

18.2-2, 19.2-2, 21.1-2, 23.1-2, 24.2-2, 25.2-2, 26.2-2, 27.2-2, 28.2-2, 29.2-2, 32.2-2, 33.2-2, 35.2-2, 36.1-2, 37.2-2, 43.1-2, 45.2-2, 47.2-2, 54.1-1, 56.2-2, 57.1-2, 60.2-2, 62.2-2, 64.2-2, 67.1-1, 75.2-2, 76.2-2, 91.2-2. 28.

13. Laen Rosu, Haghimas Mountains, Roumania: 1.

16.1-1, 23.1-1, 29.1-1, 36.1-1, 37.1-1, 46.1-1, 47.1-1, 88.1-1, 91.1-1. 9.

14. Piatra Soimului, Rarau Mountains, Roumania: 1.

21.1-1, 23.1-1, 27.1-1, 29.1-1, 32.1-1, 35.1-1, 36.1-1, 43.1-1, 44.1-1, 56.1-1, 60.1-1, 62.1-1, 75.1-1, 76.1-1, 85.1-1, 87.1-1,

91.1-1. 17.

15. Gomielor Valley, Drocea Mountains, Roumania: 1

8.1-1, 35.1-1, 36.1-1, 37.1-1, 57.1-1. 5.

16. Svinita, Banat, Danube section, S-Carpathians, Roumania: 9.

29.1-1, 54.1-9, 59.5-5, 68.1-2, 69.1-1, 71.1-1, 75.1-7, 79.1-8, 80.1-8, 81.1-8, 82.1-8, 83.1-8, 84.3-8, 94.1-8, 95.1-8, 97.2-7, 98.2-8, 99.1-9, 100.2-8, 101.1-3, 102.1-1, 103.1-8, 104.2-8, 105.1-8, 106.2-7, 108.2-8, 109.2-8, 110.6-8, 111.6-8. 29.

17. Besozzo II, Prov. Varese, Lombardy, Northern Italy: 3.

6.2-2, 7.2-2, 11.2-2, 12.2-2, 13.1-2, 17.2-2, 18.2-2, 19.2-2, 21.3-3, 24.1-3, 26.3-3, 27.2-3, 29.3-3, 31.2-2, 32.3-3, 33.2-3, 36.2-3, 37.2-2, 41.2-2, 42.2-2, 44.3-3, 47.3-3, 50.3-3, 55.2-2, 56.3-3, 57.3-3, 60.3-3, 61.2-2, 64.3-3, 65.2-2, 67.3-3, 69.3-3, 71.3-3, 73.2-2, 74.2-2, 76.3-3, 84.3-3, 85.2-2, 86.1-1. 39.

18. Monte Generoso, Ticino, Southern Switzerland: 3.

6.1-1, 15.1-1, 17.2-2, 18.2-2, 23.2-2, 24.2-2, 25.2-2, 26.2-2, 27.2-2, 31.2-2, 36.2-3, 37.1-2, 38.2-2, 40.2-2, 43.2-2, 48.2-2, 49.2-2, 50.2-2, 51.2-2, 53.2-2, 55.2-2, 56.2-3, 57.2-2, 60.2-2, 64.2-2, 65.2-2, 69.3-3, 71.2-3, 72.2-2, 73.2-2, 74.2-2, 75.2-2, 76.2-2, 85.2-2, 88.2-2. 35.

19. Torre de Busi, Prov. Como, Lombardy, Northern Italy: 9.

1.1-1, 2.1-1, 3.1-1, 4.1-1, 5.1-1, 6.4-5, 7.3-6, 10.1-1, 11.2-2, 12.1-6, 15.3-5, 16.6-6, 17.1-6, 21.7-7, 23.1-6, 24.1-6, 29.1-1, 32.6-8, 33.3-4, 35.4-6, 36.1-1, 37.6-6, 38.4-4, 40.1-1, 43.2-6, 46.4-6, 47.2-2, 50.6-6, 51.7-7, 56.7-7, 60.7-7, 61.2-9, 63.1-1, 66.1-2, 69.7-9, 70.7-7, 71.7-7, 72.7-9, 75.9-9, 76.7-7, 77.7-7, 82.9-9, 86.2-6, 88.4-9. 44.

20. Valmaggioro, Brenta, Prov. Varese, Northern Italy: 4.

6.1-1, 7.1-1, 11.1-1, 15.1-1, 17.1-1, 19.1-1, 22.1-1, 23.1-1, 24.1-3, 26.3-3, 27.2-2, 29.2-2, 33.3-3, 37.1-1, 40.2-2, 41.3-3, 47.1-1, 49.2-2, 55.2-2, 60.3-3, 61.1-1, 62.3-4, 64.2-3, 67.2-2, 69.3-4, 74.1-1, 75.4-4, 82.4-4, 84.3-4, 85.3-3, 88.2-2. 31.

21. Besozzo I, Besozzo Sup., Prov. Varese, Northern Italy: 5.

17.1-1, 19.1-1, 21.1-5, 22.5-5, 25.2-2, 27.2-5, 30.5-5, 32.4-5, 33.1-5, 41.1-2, 44.2-2, 48.4-5, 49.1-1, 50.1-1, 51.5-5, 52.5-5, 53.2-5, 54.2-5, 55.1-5, 56.1-5, 60.1-5, 61.4-4, 64.4-5, 69.1-5, 71.1-5, 72.1-1, 73.1-1, 74.1-1, 75.1-5, 76.2-5, 77.5-5, 82.5-5, 84.1-1. 33.

22. Sangiano, Prov. Varese, Northern Italy: 7.

7.1-3, 8.1-3, 11.1-3, 12.1-3, 13.2-3, 15.3-4, 16.1-1, 17.1-4,

18.1-4, 19.1-3, 20.1-3, 21.1-7, 23.1-4, 24.1-4, 25.4-4, 26.1-5,
27.2-4, 29.2-4, 31.4-4, 32.4-7, 33.2-7, 35.4-4, 36.1-4, 37.1-4,
41.6-6, 42.2-3, 43.2-2, 44.4-4, 46.4-4, 47.1-4, 48.4-4, 50.1-2,
54.2-4, 55.4-7, 56.1-6, 57.3-4, 58.3-6, 60.4-6, 61.1-7, 62.4-7,
64.3-3, 68.7-7, 69.5-7, 71.5-7, 72.3-7, 74.2-7, 75.4-7, 76.6-6,
77.2-7, 80.7-7, 82.6-7, 84.6-6, 85.1-4, 86.1-3, 88.4-4, 89.4-4.
56.

23. Cava Rusconi, Cittiglio, Prov. Varese, Northern Italy: 1.

27.1-1, 29.1-1, 30.1-1, 33.1-1, 50.1-1, 54.1-1, 68.1-1, 69.1-1,
71.1-1, 72.1-1, 73.1-1, 74.1-1, 75.1-1, 78.1-1, 79.1-1, 80.1-1,
81.1-1, 82.1-1, 83.1-1, 84.1-1, 93.1-1, 94.1-1, 95.1-1, 96.1-1,
97.1-1, 98.1-1, 99.1-1, 101.1-1, 102.1-1, 103.1-1, 106.1-1. 31.

24. Breggia Gorge, Ticino, Southern Switzerland: 24.

2.2-2, 6.3-9, 7.1-13, 8.3-10, 9.7-7, 11.3-14, 12.5-13, 13.5-12,
14.3-7, 15.3-9, 16.3-14, 17.1-15, 18.3-13, 19.5-15, 20.3-15,
21.5-20, 22.12-12, 23.3-14, 24.1-21, 25.5-21, 26.3-20, 27.12-18,
28.3-5, 29.2-19, 30.18-21, 31.5-18, 32.5-23, 33.3-23, 34.2-2,
35.9-21, 36.3-12, 37.3-14, 38.2-16, 39.3-7, 40.5-19, 41.4-19,
42.5-15, 43.1-20, 44.10-14, 46.12-12, 47.7-17, 48.15-18,
49.19-19, 50.14-19, 51.4-19, 53.12-16, 54.7-24, 56.10-23,
57.2-18, 58.4-10, 59.24-24, 60.15-18, 61.4-20, 62.8-19, 63.2-5,
64.14-20, 65.14-17, 66.8-8, 68.24-24, 69.19-24, 71.10-24,
72.8-12, 73.18-18, 74.7-24, 75.15-24, 76.7-23, 77.12-21,
80.24-24, 81.24-24, 82.22-24, 83.24-24, 84.12-24, 85.1-19,
86.1-20, 87.3-10, 88.17-17, 89.14-18, 90.2-3, 91.4-4, 92.4-4,
93.24-24, 94.24-24, 95.24-24, 96.24-24, 97.24-24, 98.24-24,
99.24-24, 100.24-24, 101.24-24, 102.24-24, 103.24-24, 104.24-24.
92.

25. Saltrio, Prov. Varese, Northern Italy: 12.

2.1-1, 5.3-5, 6.6-12, 7.1-12, 8.2-12, 9.3-11, 10.1-2, 11.1-12,
12.2-12, 13.1-11, 14.1-11, 15.1-12, 16.2-11, 17.1-12, 18.1-12,
19.2-11, 20.2-11, 21.1-11, 22.10-10, 23.1-11, 24.1-12, 25.3-11,
26.6-12, 27.12-12, 28.3-4, 29.1-11, 31.5-5, 32.2-12, 33.2-12,
35.7-12, 36.2-12, 37.11-11, 38.7-11, 39.2-12, 40.2-10, 42.7-11,
43.4-12, 46.6-11, 47.5-11, 49.3-11, 50.1-1, 52.1-11, 57.2-8,
58.1-11, 61.1-12, 63.1-2, 66.3-9, 67.4-4, 70.11-11, 73.5-11,
74.6-12, 84.3-11, 86.4-11, 87.1-11, 88.5-11, 89.6-7, 91.5-9,
92.5-11. 58.

26. Fiume Bosso, near Pianello, Umbria, Central Italy: 17.

** Sample 1 added -> old sample number + 1 = new.

1.1-1, 2.1-2, 3.1-1, 6.3-3, 8.5-5, 9.2-3, 10.1-1, 11.7-7, 12.6-6,
13.4-4, 14.1-1, 15.3-3, 16.3-6, 17.2-5, 18.2-6, 19.1-7, 20.1-3,
21.2-14, 22.2-3, 23.1-8, 24.2-10, 25.3-15, 26.7-7, 27.2-9,
28.1-1, 29.1-16, 30.8-9, 31.7-8, 32.3-8, 33.4-11, 35.6-6, 36.3-9,
37.3-11, 38.7-7, 39.3-3, 41.7-7, 43.15-15, 47.3-5, 49.6-6,
50.7-9, 54.8-16, 55.8-9, 56.5-15, 57.3-14, 59.8-8, 60.8-15,
61.2-5, 62.8-15, 63.1-1, 64.8-11, 65.7-7, 67.3-3, 68.16-16,
69.8-16, 70.16-16, 71.15-16, 72.6-8, 73.6-6, 74.14-15, 75.8-15,
76.7-15, 79.16-16, 80.16-16, 81.16-16, 82.15-17, 83.16-16,

84.10-10, 85.4-12, 86.4-4, 87.3-6, 88.7-7, 89.6-6, ** not 99.8-8, 102.16-17, 103.16-16. 74.

27. Monte Cetona, Tuscany, Central Italy: 9.

6.1-8, 7.8-8, 8.2-2, 11.2-8, 12.4-4, 13.8-8, 15.3-8, 16.8-8, 17.2-9, 18.8-8, 19.6-6, 20.3-9, 22.6-6, 23.4-4, 24.1-9, 26.1-7, 29.3-4, 32.8-8, 33.1-8, 36.8-8, 38.2-3, 39.8-8, 42.5-8, 43.3-8, 47.4-8, 50.3-8, 56.9-9, 57.8-8, 61.2-9, 65.2-2, 66.3-3, 86.1-6. 32.

28. Santa Anna, near Caltabellotta, Sicily, Italy: 4.

16.2-3, 18.3-3, 19.4-4, 21.4-4, 23.4-4, 24.1-1, 25.4-4, 27.4-4, 29.1-1, 30.3-3, 32.1-4, 33.4-4, 36.2-3, 37.1-3, 38.4-4, 40.4-4, 50.3-4, 54.3-3, 56.1-4, 57.1-3, 59.4-4, 60.3-4, 62.3-4, 64.1-4, 65.4-4, 69.1-3, 71.2-3, 72.1-3, 73.4-4, 74.3-3, 75.4-4, 76.1-4, 77.4-4, 78.3-3, 84.4-4, 85.4-4, 86.4-4, 90.3-3, 91.4-4. 39.

29. DSDP Leg 41, Site 367, Cape Verde Basin, E-Atlantic: 7.

16.3-3, 18.1-3, 21.1-6, 23.1-6, 24.1-1, 25.1-5, 30.2-6, 31.1-3, 32.4-4, 33.1-3, 37.1-1, 40.1-3, 43.4-4, 47.1-1, 52.1-1, 54.6-6, 55.1-6, 56.1-5, 57.3-3, 59.3-3, 60.1-4, 62.1-1, 64.1-7, 68.4-7, 69.2-6, 70.4-4, 71.3-5, 73.1-3, 74.2-4, 75.1-5, 76.1-6, 79.1-7, 82.6-6, 86.1-6, 89.4-4, 90.6-6, 99.7-7. 37.

30. DSDP Leg 76, Site 534, Blake Bahama Basin, W-Atlantic: 28.

5.1-2, 6.5-23, 7.1-23, 8.1-23, 9.1-23, 10.2-2, 11.2-23, 12.2-19, 13.2-22, 14.2-18, 15.2-23, 16.2-20, 17.2-23, 18.2-23, 19.2-21, 20.2-20, 21.2-23, 22.2-20, 23.2-23, 24.1-23, 25.1-24, 26.2-19, 27.2-22, 28.17-18, 29.2-24, 30.2-24, 31.2-24, 32.2-24, 33.2-24, 34.3-23, 35.3-23, 36.3-23, 37.5-20, 38.7-20, 39.3-12, 40.3-24, 41.11-11, 42.12-20, 43.14-20, 44.19-19, 45.16-20, 47.1-23, 48.4-20, 49.24-24, 50.19-20, 53.16-18, 54.16-24, 55.16-24, 56.17-21, 57.18-18, 58.18-19, 59.18-26, 60.24-24, 61.1-20, 63.3-3, 64.24-24, 65.12-12, 69.24-25, 71.24-24, 74.25-25, 75.24-28, 76.24-24, 79.25-25, 80.24-28, 81.24-25, 82.25-28, 84.2-28, 85.8-20, 86.12-19, 87.1-23, 88.2-24, 90.24-24, 91.2-23, 92.2-12, 93.25-25, 94.25-28, 95.25-25, 96.25-25, 97.25-28, 98.25-25, 100.26-28, 102.25-26, 103.25-25, 105.25-28, 106.26-28, 107.26-28, 108.26-28, 109.26-26. 88.

31. DSDP Leg 17, Site 167, Magellan Rise, Central Pacific: 6.

27.2-2, 30.3-3, 64.1-1, 68.6-6, 69.1-2, 78.2-2, 79.2-3, 80.3-3, **82.2-6, **85.1-5, 86.1-5, 88.1-1, 99.1-6, 100.2-6, 102.2-3, 103.3-3, **107.2-6, **109.3-6, **110.4-6, **111.6-6. 20.

32. DSDP Leg 32, Site 306, Shatsky Rise, northwest Pacific: 7.

30.1-4, 54.4-4, 59.1-7, 68.1-5, 69.1-4, 75.1-7, 79.1-7, 80.1-7, 81.3-7, 82.1-4, 83.1-4, 84.1-4, 93.2-2, 97.2-3, 98.2-3, 99.1-6, 100.3-3, 101.2-3, 102.1-4, 103.2-2, 104.6-7, 106.2-3, 107.2-7. 23.

33. DSDP Leg 32, Site 307, Shatsky Rise, northwest Pacific: 6.

30.1-2, 59.2-5, 68.1-4, 75.1-5, 78.5-5, 79.5-5, 80.2-6, 81.3-6, 82.1-6, 83.2-4, 84.2-4, 94.4-4, 99.1-4, 100.4-5, 102.1-4, 104.3-6, 106.4-5, 107.1-6, 109.5-5, 110.3-6, 111.4-5. 21.

34. DSDP Leg 20, Site 195, SE-Japan Abyssal Plain, NW-Pacific: 4.

59.1-3, 79.4-4, 80.1-3, 83.1-2, 84.1-3, 102.1-4, 104.3-4, 105.3-3, 107.3-4, 110.1-3. 10.

35. DSDP Leg 20, Site 196, SE-Japan Abyssal Plain, NW-Pacific: 3.

30.1-1, 54.1-1, 59.1-3, 68.1-1, 69.1-1, 84.1-3, 71.1-1, 75.1-1, 78.2-2, 79.1-3, 80.1-3, 81.2-3, 82.1-3, 83.1-3, 93.1-1, 98.1-2, 99.1-1, 100.1-1, 102.1-1, 104.2-3, 105.2-3, 106.2-2, 107.1-3, 110.2-3. 24.

36. Glasenbach Gorge, near Salzburg, Austria: 2.

6.1-2, 8.2-2, 11.2-2, 12.2-2, 13.1-2, 15.2-2, 17.1-2, 19.2-2, 20.2-2, 23.2-2, 24.1-2, 26.1-1, 27.1-2, 28.1-1, 29.1-1, 31.1-2, 33.1-2, 35.1-2, 36.1-1, 37.2-2, 38.1-2, 43.2-2, 46.1-2, 50.1-1, 53.1-2, 54.2-2, 61.1-2, 65.1-1, 66.1-2, 67.2-2, 74.2-2, 86.1-2. 32.

37. Point Sal, Santa Barbara County, California, USA: 3.

16.1-1, 18.1-1, 19.1-1, 20.1-2, 24.1-2, 25.1-2, 26.1-3, 27.1-1, 28.1-2, 29.1-3, 30.2-2, 31.1-2, 32.1-2, 33.1-2, 36.1-1, 37.1-1, 38.2-2, 42.1-1, 43.1-1, 44.1-2, 45.1-2, 47.1-3, 48.1-1, 49.1-1, 50.1-3, 51.1-2, 53.1-3, 54.1-2, 56.1-2, 57.1-2, 58.2-2, 64.1-2, 65.1-2, 67.1-1, 70.1-1, 71.2-2, 72.1-3, 73.1-2, 74.1-3, 75.1-2, 76.1-3, 77.1-1, 78.1-1, 85.1-1, 86.1-1, 88.1-2, 89.1-1. 47.

38. Veveysse de Chatel S. Denis, Cant. Vaud, Switzerland: 1.

59.1-1, 77.1-1, 80.1-1, 83.1-1, 84.1-1, 97.1-1, 98.1-1, 99.1-1, 104.1-1, 106.1-1, 109.1-1, 110.1-1, 111.1-1. 13.

39. DSDP Leg 1, Site 5, Blake Bahama Basin, W-Atlantic: 1.

54.1-1, 69.1-1, 71.1-1, 80.1-1, 83.1-1, 98.1-1, 101.1-1, 103.1-1. 8.

40. IN 7, near Unuma, Inuyama area, Central Japan: 1.

2.1-1, 3.1-1, 5.1-1, 9.1-1, 10.1-1, 14.1-1, 17.1-1, 18.1-1, 19.1-1, 20.1-1, 22.1-1, 24.1-1, 27.1-1, 28.1-1, 29.1-1, 34.1-1, 58.1-1, 61.1-1, 86.1-1. 19.

41. Guatemala, near Santa Rosa, Nicoya Peninsula, Costa Rica: 1.

7.1-1, 9.1-1, 18.1-1, 23.1-1, 24.1-1, 37.1-1, 61.1-1, 87.1-1. 8.

42. OM 191/200, near Sur, Halfa Fm., Hawasina Nappes, SE-Oman: 2.

29.2-2, 68.1-1, 69.1-1, 71.1-1, 80.2-2, 81.2-2, 82.1-2, 99.1-1, 100.1-2, 104.2-2, 105.1-2, 106.2-2, 109.2-2, ** 110.2-2 not 1-2, 111.2-2. 15.

43. Trattberg, Salzburg, Austria: 2.

30.1-1, 50.1-1, 54.1-1, 59.2-2, 68.1-2, 69.1-1, 71.1-1, 75.2-2, 79.1-2, 80.1-2, 81.2-2, 82.1-2, 84.2-2, 93.1-2, 94.1-2, 95.1-1, 96.1-1, 97.1-2, 98.1-1, 99.1-2, 100.2-2, 101.1-1, 102.1-2, 104.1-1, 106.2-2, 107.1-2, 108.2-2. 27.

* 44. Ceniga, near Arco, Trento, N-Italy: 4.

16.1-1, 23.1-3, 24.1-3, 25.1-4, 27.2-2, 29.2-2, 31.1-1, 32.1-2, 33.2-4, 35.1-1, 36.1-1, 43.1-2, 46.1-2, 47.1-1, 55.1-4, 59.3-3, 60.1-4, 62.1-3, 64.1-4, 69.2-4, 71.2-2, 72.2-2, 75.1-1, 76.1-4, 24.

* 45. Sierra de Ricote, Subbetic, Prov. Murcia, Spain: 3.

10.1-1, 13.2-2, 14.1-3, 16.1-3, 18.1-3, 23.1-2, 25.2-2, 27.3-3, 29.1-3, 32.1-3, 33.3-3, 36.3-3, 37.2-3, 43.2-2, 47.2-2, 57.2-2, 87.1-2, 89.2-3, 92.1-1, 19.

* 46. S of Monte Campannello near Volterraio, Elba, Italy: 2.

23.1-1, 24.1-1, 28.1-1, 32.1-1, 35.1-1, 36.1-1, 37.2-2, 43.1-1, 60.1-2, 62.1-2, 71.1-1, 75.1-1, 76.1-2, 13.

* 47. S. Felo - Namia, Elba, Italy: 1.

25.1-1, 27.1-1, 32.1-1, 33.1-1, 46.1-1, 60.1-1, 62.1-1, 64.1-1, 71.1-1, 75.1-1, 76.1-1, 11.

* 48. Rocchetta di Vara, Liguria, Italy: 2.

6.1-1, 14.1-1, 25.1-2, 27.1-1, 29.1-2, 40.1-1, 43.1-1, 57.2-2, 87.1-1, 9.

* 49. C 31 Simantov, N-Evvoia, Eastern Greece: 1.

8.1-1, 9.1-1, 11.1-1, 12.1-1, 19.1-1, 20.1-1, 23.1-1, 27.1-1, 32.1-1, 36.1-1, 43.1-1, 56.1-1, 61.1-1, 90.1-1, 14.

* 50. DB 6214, Jebel al Hasi, Al Aridh Formation, Hawasina Nappes, Central Oman: 1.

2.1-1, 5.1-1, 14.1-1, 18.1-1, 23.1-1, 24.1-1, 29.1-1, 34.1-1, 51.1-1, 63.1-1, 87.1-1, 90.1-1, 12.

* 51. DB 4575, near Achladi, N-Evvoia, Eastern Greece: 1.

17.1-1, 23.1-1, 43.1-1, 56.1-1, 75.1-1, 90.1-1, 6.

