

## Supplemental Appendix 1

List of Albian localities from which the coral material was collected, number of species (colonial/solitary), and paleoenvironment recorded for each area (paleoecological data retrieved from original publications marked \* in the reference list (also see Supplemental Appendix 2) with updates provided by Paleobiology Database [paleobiodb.org]). For coordinates and paleocoordinates of localities see Table 1.

Albian localities [corresponding number in Figure 4]	Number of coral species (colonial/solitary)	Paleoenvironment	Remarks
Australia [2]	1 (1/-)	shallow subtidal	no bioconstructions reported
Austria [11]	12 (6/6)	non-reefal	
Egypt [6]	28 (15/13)	non-reefal	
England [15]	17 (4/13)	non-reefal	
France [16, 17, 18]	48 (39/9)	[16, 17] non-reefal, [18] reefal	reefal locality [18]: 39 species (32 colonial/ 7 solitary)
Georgia (Caucasus) [7]	23 (23/-)	reefal	
Germany [12, 14]	3 (1/2)	[12] reefal, [14] non-reefal	reefal locality [12]: 1 species (colonial)
Greece [8]	60 (55/5)	open shallow subtidal	generally no bioconstructions reported, two specimens (1 colonial, 1 solitary [Steuber 1999]) reported from rudist bioconstructions ("bioherms")
Greenland [21]	2 (-/2)	non-reefal	
India [3]	1 (1/-)	?non-reefal	
Iran [5]	1 (-/1)	shallow subtidal	no bioconstructions reported
Madagascar [30]	16 (8/8)	offshore	no bioconstructions reported
Mexico [27, 28]	67 (62/5)	reefal and non-reefal paleoenvironments	Paleoenvironmental information unavailable for some occurrences
New Zealand [1]	1 (1/-)	coastal	no bioconstructions reported
Poland [13]	1 (-/1)	non-reefal	
Slovenia [9]	2 (2/-)	reefal	

## Appendix 1.—Continued.

Albian localities [corresponding number in Figure 4]	Number of coral species (colonial/solitary)	Paleoenvironment	Remarks
South Africa [29]	1 (1/-)	?non-reefal	no bioconstructions reported
Spain [19, 20]	29 (21/8)	reefal and non-reefal paleoenvironments	[20]: only colonial forms described but presence of solitary corals reported with no further information provided
Switzerland [10, 11]	10 (4/6)	non-reefal	
Tibet [4]	7 (5/2)	marine	no information provided
USA [22–26]	91 (59/32)	shallow subtidal, some reefal but mainly non-reefal paleoenvironments	