

# Répartition stratigraphique des radiolaires de L'AAELENIEN a L'APTIEN

Mésozoïque ou secondaire	Crétacé	Supérieur	Maastrichien
			Campanien
			Santonien
			Coniacien
			Turonien
			Cénomanién
	Jurassique	Inférieur	Albien
			Aptien
			Barrémien
			Hauterivién
			Valanginién
		Berriasién	
		Supérieur	Tithonien
			Kimméridgién
			Oxfordien
			Moyen
	Bathonien		
	Bajocién		
	Trias	Inférieur	Aalénién
Toarcién			
Pliensbachien			
Supérieur		Sinemurien	
		Hettangien	
		Rhétien	
		Norien	
		Carnien	
Moyen	Ladinién		
	Anisien		
Inférieur	Scythien		

*Extrait de l'échelle stratigraphique pour le mésozoïque*

## Alphabetical Listing of Genera, Species and Subspecies with MRD-numbers and UAZone Ranges

### EXPLANATORY NOTES

In the listing the age range is stated as follows: The hyphen "-" marks the age range of each UAZone, the "to" links the age ranges of the early and the late UAZone. By definition, the total possible age range of a taxon goes from the beginning of the earliest to the end of the latest UAZone. The actual range of a taxon, however, can be anywhere from within the range of the earliest to within the range of the latest UAZone.

Example: A range of UAZones 7-9 means that the species makes its first appearance in UAZone 7 and its last in UAZone 9. The age range of UAZ. 7 is late Bathonian-early Callovian. The age range of UAZ. 9 is middle-late Oxfordian. The maximal age range of the taxon is late Bathonian-early Callovian to middle-late Oxfordian. The actual range of the taxon could be for instance early Callovian to middle Oxfordian, etc.

The abbreviations used are as follows: **Aal.** = Aalenian, **Baj.** = Bajocian, **Bath.** = Bathonian, **Call.** = Callovian, **Oxf.** = Oxfordian, **Kimm.** = Kimmeridgian, **Tith.** = Tithonian, **Berr.** = Berriasian, **Val.** = Valanginian, **Haut.** = Hauterivaian, **Barr.** = Barremian, **Apt.** = Aptian and **mid.** = middle

Name	Genus, species, subspecies	MRD	UAZ	Range
Acaeniotyle	Acaeniotyle	3600	4-22	late Baj. to late Barr.-early Apt.
Acaeniotyle (?) sp. A	Acaeniotyle (?) sp. A	3091	8-11	mid Call.-early Oxf. to late Kimm.-early Tith.
Acaeniotylopsi	Acaeniotylopsi	3701	1-8	early-mid Aal. to mid Call.-early Oxf.
Acanthocircus	Acanthocircus	3601	3-22	early-mid Baj. to late Barr.-early Apt.
Actinomma	Actinomma	3820	1-4	early-mid Aal. to late Baj.
acus	Pseudoeucyrtis acus	5572	15-21	late Berr.-earliest Val. to early Barr.
acutipodium	Pseudopoulpus acutipodium	2007	1-2	early-mid Aal. to late Aal.
adrianae	Milax adrianae	5453	13-20	latest Tith.-earliest Berr. to late Haut.
adriani	Pseudocrucella adriani	3129	4-10	late Baj. to late Oxf.-early Kimm.
agolarium	Syringocapsa agolarium	3291	13-20	latest Tith.-earliest Berr. to late Haut.
alievi	Xitus (?) alievi	5674	11-22	late Kimm.-early Tith. to late Barr.-early Apt.
Alievium	Alievium	3603	8-22	mid Call.-early Oxf. to late Barr.-early Apt.
Alievium sp. A	Alievium sp. A	4004	8-9	mid Call.-early Oxf. to mid-late Oxf.
altiforamina	Stichocapsa altiforamina	5761	18-21	latest Val.-earliest Haut. to early.
altissima	Ristola altissima altissima	3241	7-12	late Bath.-early Call. to early-early late Tith.
altissima	Ristola altissima major	3238	5-7	latest Baj.-early Bath. to late Bath.-early Call.

Name	Genus, species, subspecies	MRD	UAZ	Range
altissima	Ristola altissima s.l.	3164	5-12	latest Baj.-early Bath. to early-early late Tith. .
amabilis	Archaeodictyomitra (?) amabilis	3237	4-7	late Baj. to late Bath.-early Call.
Amphipyndax	Amphipyndax	3605	3-7	early-mid Baj. to late Bath.-early Call.
amphitrepera	Podocapsa amphitrepera	3171	9-18	mid-late Oxf. to latest Val.-earliest Haut.
amphorella	Artocapsa (?) amphorella	3924	13-14	latest Tith.-earliest Berr. to early-early late Berr.
Angulobracchia	Angulobracchia	3607	1-22	early-mid Aal. to late Barr.-early Apt.
Angulobracchia sp. B	Angulobracchia sp. B	4006	7-9	late Bath.-early Call. to mid-late Oxf.
angustus	Acanthocircus trizonalis angustus	3082	6-10	mid Bath. to late Oxf.-early Kimm.
annemariae	Paronaella (?) annemariae	5314	14-21	early-early late Berr. to early Barr.
antiqua	Haliodictya (?) antiqua antiqua	3218	4-11	late Baj. to late Kimm.-early Tith.
antiqua	Haliodictya (?) antiqua s.l.	3243	4-11	late Baj. to late Kimm.-early Tith.
antiqua	Haliodictya (?) antiqua ssp. B.	3217	6-11	mid Bath. to late Kimm.-early Tith.
apenninicus	Mirifusus apenninicus	5716	14-21	early-early late Berr. to early Barr.
apiarium	Archaeodictyomitra apiarium	3263	8-22	mid Call.-early Oxf. to late Barr.-early Apt.
Archaeodictyomitra	Archaeodictyomitra	3608	4-22	late Baj. to late Barr.-early Apt.
Archaeodictyomitra (?) sp. A	Archaeodictyomitra (?) sp. A	3235	6-7	mid Bath. to late Bath.-early Call.
Archaeohagiastrum	Archaeohagiastrum	3609	1-8	early-mid Aal. to mid Call.-early Oxf.
Archaeospongoprimum	Archaeospongoprimum	3610	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
Archaeotritrabs	Archaeotritrabs	3611	16-21	early Val. to early Barr.
Archicapsa	Archicapsa	3612	3-4	early-mid Baj. to late Baj. .
Ares	Ares	3613	1-6	early-mid Aal. to mid Bath.
Ares sp.A	Ares sp.A	4008	1-3	early-mid Aal. to early-mid Baj.
argolidensis	Homoeoparonaella argolidensis	3103	4-11	late Baj. to late Kimm.-early Tith.
argolidensis	Homoeoparonaella sp. aff. H. argolidensis 2003		1-2	early-mid Aal. to late Aal.
Artocapsa	Artocapsa	3801	13-14	latest Tith.-earliest Berr. to early-early late Berr.
asparagus	Ristola asparagus	5575	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
aspera	Pseudoeucyrtis (?) aspera	5576	16-21	early Val. to early Barr.
asymbatos	Stichomitra sp. aff. S. asymbatos	5672	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
baileyi	Mirifusus dianae baileyi	3406	9-11	mid-late Oxf. to late Kimm.-early Tith.
banale	Canoptum banale	5785	13-16	latest Tith.-earliest Berr. to early Val.
bandyi	Paronaella bandyi	3135	3-10	early-mid Baj. to late Oxf.-early Kimm.
barbui	Holocryptocanium barbui	6107	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
barmsteinensis	Pyramispongia barmsteinensis	6109	13-20	latest Tith.-earliest Berr. to late Haut.
beniderkoulensis	Linaresia beniderkoulensis	3813	3-7	early-mid Baj. to late Bath.-early Call.
bernoullii	Thetis (?) bernoullii	3003	7-7	late Bath.-early Call. to late Bath.-early Call.
Bernoullius	Bernoullius	3614	1-22	early-mid Aal. to late Barr.-early Apt.
Berr.um	Pantanellium Berr.um	3280	13-15	latest Tith.-earliest Berr. to late Berr.-earliest Val.
bicornis	Theocapsomma bicornis	3276	6-7	mid Bath. to late Bath.-early Call.
bifida	Tetradityma corralitosensis bifida	4048	5-7	latest Baj.-early Bath. to late Bath.-early Call.
biordinalis	Angulobracchia biordinalis	3145	9-11	mid-late Oxf. to late Kimm.-early Tith.
biscutum	Halesium biscutum	5166	14-22	early-early late Berr. to late Barr.-early Apt.
bisellea	Emiluvia bisellea	4018	11-11	late Kimm.-early Tith. to late Kimm.-early Tith.
Bistarkum	Bistarkum	3800	13-21	latest Tith.-earliest Berr. to early Barr.
blakei	Triactoma blakei	3095	4-11	late Baj. to late Kimm.-early Tith.
boesii	Parvicingula boesii gr.	3185	9-22	mid-late Oxf. to late Barr.-early Apt.
boneti	Napora boneti	3037	10-11	late Oxf.-early Kimm. to late Kimm.-early Tith.
bossoensis	Crucella bossoensis	5204	16-22	early Val. to late Barr.-early Apt.
breggiensis	Obesacapsula breggiensis	3955	13-16	latest Tith.-earliest Berr. to early Val.
brevicostatum	Transhsuum brevicostatum gr.	3181	3-11	early-mid Baj. to late Kimm.-early Tith.
brevilatum	Bistarkum brevilatum	3918	13-14	latest Tith.-earliest Berr. to early-early late Berr.
broennimanni	Paronaella broennimanni	3137	4-10	late Baj. to late Oxf.-early Kimm.
bulbosa	Tetratrabs bulbosa	3122	7-11	late Bath.-early Call. to late Kimm.-early Tith.
bullata	Obesacapsula bullata	5568	13-19	latest Tith.-earliest Berr. to early Haut.
cameroni	Elodium cameroni	3411	1-2	early-mid Aal. to late Aal.
Canoptum	Canoptum	3615	13-16	latest Tith.-earliest Berr. to early Val.
cantuchapai	Pantanellium sp. aff. P. cantuchapai	5065	13-21	latest Tith.-earliest Berr. to early Barr.
capita	Hemicryptocapsa capita	4026	17-18	late Val. to latest Val.-earliest Haut.
carinatus	Acanthocircus carinatus	5012	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.

Name	Genus, species, subspecies	MRD	UAZ	Range
carpathicum	Williriedellum carpathicum	4055	7-11	late Bath.-early Call. to late Kimm.-early Tith.
carpatica	Cinguloturris carpatica	3193	7-11	late Bath.-early Call. to late Kimm.-early Tith.
carpatica	Pseudodictyomitra carpatica	3293	11-21	late Kimm.-early Tith. to early Barr.
casmaliaensis	Tritrabs casmaliaensis	3117	4-10	late Baj. to late Oxf.-early Kimm.
catenaria	Orbiculiforma (?) catenaria	3205	7-9	late Bath.-early Call. to mid-late Oxf.
catenarum	Stylocapsa catenarum	3044	6-7	mid Bath. to late Bath.-early Call.
caudatum	Yamatoum caudatum	2016	2-2	late Aal. to late Aal.
Cecrops	Cecrops	6000	17-21	late Val. to early Barr.
cetia	Obesacapsula cetia	3203	10-17	late Oxf.-early Kimm. to late Val.
chalilovi	Archaeodictyomitra chalilovi	5582	20-22	late Haut. to late Barr.-early Apt.
chandrika	Dibolachras chandrika	3265	7-11	late Bath.-early Call. to late Kimm.-early Tith.
channelli	Xitus (?) channelli	5673	16-21	early Val. to early Barr.
charlottensis	Tympaneides charlottensis	3408	1-3	early-mid Aal. to early-mid Baj.
chenodes	Mirifusus chenodes	3162	6-22	mid Bath. to late Barr.-early Apt.
chica	Emiluvia chica decussata	5132	13-18	latest Tith.-earliest Berr. to latest Val.-earliest Haut.
chica	Emiluvia chica s.l.	3213	3-18	early-mid Baj. to latest Val.-earliest Haut.
chrafatensis	Linaresia chrafatensis	3074	2-7	late Aal. to late Bath.-early Call.
cincta	Parvingingula (?) sp. aff. P. cincta	5724	17-18	late Val. to latest Val.-earliest Haut.
Cinguloturris	Cinguloturris	3617	7-17	late Bath.-early Call. to late Val.
collina	Crucella collina	5194	13-21	latest Tith.-earliest Berr. to early Barr.
columbaria	Eucyrtis columbaria	5620	16-22	early Val. to late Barr.-early Apt.
columnum	Wrangellium columnum	5580	13-20	latest Tith.-earliest Berr. to late Haut.
concentrica	Sethocapsa (?) concentrica	5433	13-14	latest Tith.-earliest Berr. to early-early late Berr.
conexa	Tricolocapsa conexa	3297	4-7	late Baj. to late Bath.-early Call.
conoformis	Dicolocapsa (?) conoformis	4013	6-6	mid Bath. to mid Bath.
convexa	Stichocapsa convexa	3055	1-11	early-mid Aal. to late Kimm.-early Tith.
cordis	Theocapsomma cordis	3277	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
corniculum	Saitoum corniculum	3023	7-7	late Bath.-early Call. to late Bath.-early Call.
cornuta	Triactoma cornuta	3166	8-10	mid Call.-early Oxf. to late Oxf.-early Kimm.
coronaria	Higumastra coronaria	3108	8-9	mid Call.-early Oxf. to mid-late Oxf.
coronata	Godia coronata	6125	18-20	latest Val.-earliest Haut. to late Haut.
coronata	Spongocapsula sp. aff. S. coronata	5773	17-22	late Val. to late Barr.-early Apt.
coronata	Syringocapsa coronata	5417	13-16	latest Tith.-earliest Berr. to early Val.
coronata	Syringocapsa sp. aff. S. coronata	5416	11-20	late Kimm.-early Tith. to late Haut.
corpulenta	Paronaella sp. aff. P. corpulenta	3310	1-2	early-mid Aal. to late Aal.
corralitosensis	Tetraditryma corralitosensis bifida	4048	5-7	latest Baj.-early Bath. to late Bath.-early Call.
corralitosensis	Tetraditryma corralitosensis corralitosensis	3124	3-10	early-mid Baj. to late Oxf.-early Kimm.
corralitosensis	Tetraditryma corralitosensis s.l.	3273	3-10	early-mid Baj. to late Oxf.-early Kimm.
cosmoconica	Parvingingula cosmoconica	3255	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
crassa	Palinandromeda crassa	3009	7-10	late Bath.-early Call. to late Oxf.-early Kimm.
cretacea	Ristola cretacea	3165	12-17	early-early late Tith. to late Val.
cristatum	Pseudocrolanium cristatum	5521	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.
cristatus	Bernoullius cristatus	3221	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
Crolanium	Crolanium	6001	12-17	early-early late Tith. to late Val.
Crolanium spp.	Crolanium spp.	6123	16-22	early Val. to late Barr.-early Apt.
Crucella	Crucella	3619	7-22	late Bath.-early Call. to late Barr.-early Apt.
cruciferum	Parashuum cruciferum	2010	1-1	early-mid Aal.
crystallinum	Williriedellum crystallinum	3069	7-11	late Bath.-early Call. to late Kimm.-early Tith.
cucurbiformis	Theocapsomma cucurbiformis	3047	6-7	mid Bath. to late Bath.-early Call.
cuetaense	Hsuum sp. aff. H. cuetaense	3182	10-13	late Oxf.-early Kimm. to latest Tith.-earliest Berr.
Cyclastrum	Cyclastrum	6002	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
cylindra	Cinguloturris cylindra	6101	12-17	early-early late Tith. to late Val.
cylindricus	Ares cylindricus cylindricus	3001	1-4	early-mid Aal. to late Baj.
cylindricus	Ares cylindricus flexuosus	4032	4-6	late Baj. to mid Bath.
cylindricus	Ares cylindricus s.l.	4061	1-6	early-mid Aal. to mid Bath.
Cyrtocapsa	Cyrtocapsa	3622	3-15	early-mid Baj. to late Berr.-earliest Val.
daneliani	Novixitus (?) daneliani	5524	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.
decora	Stichocapsa decorata	3269	4-7	late Baj. to late Bath.-early Call.

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decussata	Emiluvia chica decussata	5132	13-18	latest Tith.-earliest Berr. to latest Val.-earliest Haut.
delnortensis	Bernoullius rectispinus delnortensis	3222	2-7	late Aal. to late Bath.-early Call.
dentata	Acaeniotyle dentata	3281	12-20	early-early late Tith. to late Haut.
dentatum	Eucyrtidiellum unumaense dentatum	3015	6-7	mid Bath. to late Bath.-early Call.
depressa	Palinandromeda depressa	3005	3-7	early-mid Baj. to late Bath.-early Call.
depressa	Palinandromeda sp. aff. P. depressa	3415	3-4	early-mid Baj. to late Baj. .
depressum	Wrangellium depressum	3284	13-18	latest Tith.-earliest Berr. to latest Val.-earliest Haut.
Deviatus	Deviatus	3634	8-22	mid Call.-early Oxf. to late Barr.-early Apt.
deweveri	Napora deweveri	3035	7-11	late Bath.-early Call. to late Kimm.-early Tith.
dhimenaensis	Parvicingula dhimenaensis dhimenaensis	4072	3-11	early-mid Baj. to late Kimm.-early Tith.
dhimenaensis	Parvicingula dhimenaensis s.l.	3197	3-11	early-mid Baj. to late Kimm.-early Tith.
dhimenaensis	Parvicingula dhimenaensis ssp. A	4071	3-8	early-mid Baj. to mid Call.-early Oxf.
Diacanthocapsa	Diacanthocapsa	3623	3-7	early-mid Baj. to late Bath.-early Call.
diamphidius	Deviatus diamphidius s.l.	4073	8-22	mid Call.-early Oxf. to late Barr.-early Apt.
diamphidius	Deviatus diamphidius diamphidius	3112	8-14	mid Call.-early Oxf. to early-early late Berr.
diamphidius	Deviatus diamphidius hipposidericus	3111	9-13	mid-late Oxf. to latest Tith.-earliest Berr.
dianae	Mirifusus dianae baileyi	3406	9-11	mid-late Oxf. to late Kimm.-early Tith.
dianae	Mirifusus dianae dianae	3274	7-12	late Bath.-early Call. to early-early late Tith.
dianae	Mirifusus dianae minor	3286	9-20	mid-late Oxf. to late Haut.
dianae	Mirifusus dianae s.l.	3161	7-20	late Bath.-early Call. to late Haut.
diaphorogona	Acaeniotyle diaphorogona gr.	3090	4-22	late Baj. to late Barr.-early Apt.
Dibolachras	Dibolachras	3624	7-22	late Bath.-early Call. to late Barr.-early Apt.
dicera	Bernoullius dicera	3223	3-10	early-mid Baj. to late Oxf.-early Kimm.
dickinsoni	Zartus dickinsoni gr.	3041	3-4	early-mid Baj. to late Baj. .
Dicolocapsa	Dicolocapsa	3625	6-6	mid Bath. to mid Bath.
dicranacanthos	Acanthocircus trizonalis dicranacanthos	3087	10-17	late Oxf.-early Kimm. to late Val.
Dicroa	Dicroa	6003	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
Dictyomitra	Dictyomitra	6004	17-22	late Val. to late Barr.-early Apt.
Dictyomitrella	Dictyomitrella	3628	3-7	early-mid Baj. to late Bath.-early Call.
digitata	Angulobracchia digitata	3147	3-10	early-mid Baj. to late Oxf.-early Kimm.
diplocyclis	Parasaturnalis diplocyclis	2013	1-3	early-mid Aal. to early-mid Baj.
Ditrabs	Ditrabs	3629	11-21	late Kimm.-early Tith. to early Barr.
dorysphaeroides	Sethocapsa dorysphaeroides	5544	7-22	late Bath.-early Call. to late Barr.-early Apt.
durisaeptum	Amphipyndax durisaeptum	4005	3-7	early-mid Baj. to late Bath.-early Call.
echinatus	Unuma echinatus	3231	1-6	early-mid Aal. to mid Bath.
echiodes	Suna echiodes	3094	9-22	mid-late Oxf. to late Barr.-early Apt.
elegans	Homoeoparonaella elegans	3104	4-10	late Baj. to late Oxf.-early Kimm.
elegans	Homoeoparonaella sp. aff. H. elegans	2004	1-3	early-mid Aal. to early-mid Baj.
elegans	Parvicingula sp. aff. P. elegans	3188	11-11	late Kimm.-early Tith. to late Kimm.-early Tith.
elegans	Saitoum elegans	3022	8-21	mid Call.-early Oxf. to early Barr.
elegantissima	Thanarla elegantissima	5296	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.
elisabethae	Pseudocrucella (?) elisabethae	3947	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
Elodium	Elodium	3823	1-2	early-mid Aal. to late Aal.
Emiluvia	Emiluvia	3631	1-18	early-mid Aal. to latest Val.-earliest Haut.
espartoensis	Crucella sp. aff. C. espartoensis	5196	17-21	late Val. to early Barr.
Eucyrtidiellum	Eucyrtidiellum	3632	1-13	early-mid Aal. to latest Tith.-earliest Berr.
Eucyrtis	Eucyrtis	3633	16-22	early Val. to late Barr.-early Apt.
euganea	Stichomitra (?) sp. aff. S. euganea	5550	21-22	early Barr. to late Barr.-early Apt.
ewingi	Tritrabs ewingi worzeli	3115	7-12	late Bath.-early Call. to early-early late Tith.
ewingi	Tritrabs ewingi s.l.	3113	4-22	late Baj. to late Barr.-early Apt.
excellens	Archaeodictyomitra excellens	3287	11-22	late Kimm.-early Tith. to late Barr.-early Apt.
exotica	Tritrabs exotica	3119	4-11	late Baj. to late Kimm.-early Tith.
favosus	Gongylothorax favosus	6131	8-10	mid Call.-early Oxf. to late Oxf.-early Kimm.
favosus	Gongylothorax sp. aff. G. favosus	3279	7-8	late Bath.-early Call. to mid Call.-early Oxf.
feliformis	Hsuum feliformis	5824	13-15	latest Tith.-earliest Berr. to late Barr.-earliest Val.
flexa	Turanta flexa	2024	6-8	mid Bath. to mid Call.-early Oxf.
flexuosus	Ares cylindricus flexuosus	4032	4-6	late Baj. to mid Bath.
florea	Acaeniotyle (?) florea	5032	17-22	late Val. to late Barr.-early Apt.

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florealis	Pseudoaulophacus (?) florealis	5334	16-22	early Val. to late Barr.-early Apt.
fluegeli	Pseudocrolanium fluegeli	5522	20-21	late Haut. to early Barr.
foremanae	Triactoma foremanae	4068	7-11	late Bath.-early Call. to late Kimm.-early Tith.
fragilis	Mirifusus fragilis praeguadalupensis	2026	3-3	early-mid Baj. to early-mid Baj. .
fragilis	Mirifusus fragilis s.l.	3159	3-8	early-mid Baj. to mid Call.-early Oxf.
funatoensis	Sethocapsa funatoensis	3070	3-11	early-mid Baj. to late Kimm.-early.
furcata	Parapodocapsa furcata	5396	13-16	latest Tith.-earliest Berr. to early Val.
furcospinus	Bernoullius furcospinus	4009	1-4	early-mid Aal. to late Baj.
furiosus	Acanthocircus furiosus	5003	10-20	late Oxf.-early Kimm. to late Haut.
fusiformis	Tricolocapsa (?) fusiformis	4049	3-5	early-mid Baj. to latest Baj.-early Bath.
fusiformis	Tricolocapsa (?) sp. aff. T. fusiformis	4050	4-6	late Baj. to mid Bath.
fusus	Pseudoeucyrtis (?) fusus	5408	13-17	latest Tith.-earliest Berr. to late Val.
ghostensis	Acaeniotylopsis ghostensis	2001	1-4	early-mid Aal. to late Baj.
gifuensis	Xitus gifuensis	3294	11-18	late Kimm.-early Tith. to latest Val.-earliest Haut.
gigantea	Homoeoparonaella (?) gigantea	3105	8-10	mid Call.-early Oxf. to late Oxf.-early Kimm.
glebulosa	Acaeniotyle (?) glebulosa	5033	17-22	late Val. to late Barr.-early Apt.
Godia	Godia	3803	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
Gongylothorax	Gongylothorax	3635	4-10	late Baj. to late Oxf.-early Kimm.
Gorgansium	Gorgansium	3636	3-8	early-mid Baj. to mid Call.-early Oxf.
Gorgansium spp.	Gorgansium spp.	3076	3-8	early-mid Baj. to mid Call.-early Oxf.
gracilis	Archaeotribrabs gracilis	5913	16-21	early Val. to early Barr.
grande	Parahsuum (?) grande	4031	1-3	early-mid Aal. to early-mid Baj.
gratiosa	Higumastra gratiosa	3109	3-8	early-mid Baj. to mid Call.-early Oxf.
grutterinki	Cyrtocapsa (?) grutterinki	5506	13-15	latest Tith.-earliest Berr. to late Berr.-earliest Val.
guadalupensis	Mirifusus guadalupensis	3160	5-11	latest Baj.-early Bath. to late Kimm.-early Tith.
Guexella	Guexella	3637	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
guexi	Savaryella guexi	5193	14-21	early-early late Berr. to early Barr.
gutta	Thanarla gutta	5904	20-21	late Haut. to early Barr.
Halesium	Halesium	3639	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
Haliodyctya	Haliodyctya	3640	3-11	early-mid Baj. to late Kimm.-early Tith.
hanni	Pseudoeucyrtis sp.cf. P. hanni	5407	17-18	late Val. to latest Val.-earliest Haut.
hayi	Tribrabs hayi	3116	3-10	early-mid Baj. to late Oxf.-early Kimm.
helenae	Alievium helenae	3228	11-22	late Kimm.-early Tith. to late Barr.-early Apt.
heliotropica	Orbiculiforma (?) heliotropica	3204	3-9	early-mid Baj. to mid-late Oxf.
helvetica	Podobursa helvetica	3169	3-10	early-mid Baj. to late Oxf.-early Kimm.
hemicostata	Stylocapsa (?) hemicostata	4045	5-6	latest Baj.-early Bath. to mid Bath.
Hemicryptocapsa	Hemicryptocapsa	3641	17-18	late Val. to latest Val.-earliest Haut.
hexacubicus	Leugeo hexacubicus	3244	4-8	late Baj. to mid Call.-early Oxf.
hexagonus	Hexasaturnalis hexagonus	3502	1-4	early-mid Aal. to late Baj.
hexaptera	Podocapsa(?) hexaptera	4033	7-7	late Bath.-early Call. to late Bath.-early Call.
Hexapyramis	Hexapyramis	6006	17-22	late Val. to late Barr.-early Apt.
Hexasaturnalis	Hexasaturnalis	3656	1-6	early-mid Aal. to mid Bath.
Hexastylus	Hexastylus	3643	1-4	early-mid Aal. to late Baj.
Hexastylus sp. A	Hexastylus sp. A	2009	1-4	early-mid Aal. to late Baj.
hichisoense	Laxtorum (?) hichisoense	4028	1-4	early-mid Aal. to late Baj.
hiconocosta	Parahsuum (?) hiconocosta	3011	2-4	late Aal. to late Baj. .
Higumastra	Higumastra	3644	1-10	early-mid Aal. to late Oxf.-early Kimm.
Hilarisirex	Hilarisirex	3645	3-7	early-mid Baj. to late Bath.-early Call.
himedaruma	Stichocapsa himedaruma	4038	not zoned	late Mid-early Late Jurassic
hipposidericus	Deviatus diamphidius hipposidericus	3111	9-13	mid-late Oxf. to latest Tith.-earliest Berr.
hisuikyoeense	Transhsuum hisuikyoeense	3194	2-7	late Aal. to late Bath.-early Call.
hojnosi	Haliodyctya (?) hojnosi	3254	3-10	early-mid Baj. to late Oxf.-early Kimm.
Holocryptocanium	Holocryptocanium	6007	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
Homoeoparonaella	Homoeoparonaella	3648	1-22	early-mid Aal. to late Barr.-early Apt.
hopsoni	Emiluvia hopsoni	3225	6-15	mid Bath. to late Berr.-earliest Val. .
horridus	Xitus horridus	5725	19-20	early Haut. to late Haut.
Hsuum	Hsuum	3649	1-15	early-mid Aal. to late Berr.-earliest Val.
Hsuum sp. 1	Hsuum sp. 1	2018	1-2	early-mid Aal. to late Aal.

Name	Genus, species, subspecies	MRD	UAZ	Range
hybum	Suna hybum	5049	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.
ichikawai	Solenotryma ichikawai	4037	7-21	late Bath.-early Call. to early Barr.
imbricata	Higumastra imbricata	3110	4-8	late Baj. to mid Call.-early Oxf.
imlayi	Zartus imlayi gr.	3040	1-4	early-mid Aal. to late Baj.
imperialis	Podocapsa (?) imperialis	5397	18-20	latest Val.-earliest Haut. to late Haut.
inflata	Higumastra inflata	3106	7-10	late Bath.-early Call. to late Oxf.-early Kimm.
inflexa	Crucella (?) inflexa	5902	17-22	late Val. to late Barr.-early Apt.
infundibuliforme	Cyclastrum infundibuliforme	5261	17-22	late Val. to late Barr.-early Apt.
irazuense	Bistarkum irazuense	5199	14-21	early-early late Berr. to early Barr.
irregularis	Homoeoparonaella sp. aff. H. irregularis	5253	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
italicus	Jacus (?) italicus	5371	15-20	late Berr.-earliest Val. to late Haut.
izeensis	Tetratrabs izeensis	3302	1-5	early-mid Aal. to latest Baj.-early Bath.
izeense	Parashuum izeense	2012	1-3	early-mid Aal. to early-mid Baj.
jacobsae	Triactoma jacobae	3409	1-4	early-mid Aal. to late Baj.
Jacus	Jacus	3651	15-20	late Berr.-earliest Val. to late Haut.
japonica	Stichocapsa japonica	3049	3-8	early-mid Baj. to mid Call.-early Oxf.
japonicus	Protunuma japonicus	3292	7-12	late Bath.-early Call. to early-early late Tith.
jonesi	Triactoma jonesi	3096	2-13	late Aal. to latest Tith.-earliest Berr. .
jurassicum	Laxtorum (?) jurassicum	3151	2-3	late Aal. to early-mid Baj. .
kaminogoensis	Sethocapsa sp. aff. S. kaminogoensis	5481	13-21	latest Tith.-earliest Berr. to early Barr.
kamoensis	Dictyomitrella (?) kamoensis	4014	3-7	early-mid Baj. to late Bath.-early Call.
Katroma	Katroma	3652	13-19	latest Tith.-earliest Berr. to early Haut.
kisoensis	Cyrtocapsa (?) kisoensis	3050	3-4	early-mid Baj. to late Baj. .
kitoi	Sethocapsa kitoi	3264	13-16	latest Tith.-earliest Berr. to early Val.
komamiensis	Yamatoum komamiensis	2020	2-2	late Aal. to late Aal.
kotura	Paronaella kotura	3140	3-10	early-mid Baj. to late Oxf.-early Kimm.
lacrimalis	Stylocapsa lacrimalis	4046	6-7	mid Bath. to late Bath.-early Call.
lacrimula	Archaeodictyomitra (?) lacrimula	5595	14-22	early-early late Berr. to late Barr.-early Apt.
lanceloti	Pseudodictyomitra lanceloti	5641	20-22	late Haut. to late Barr.-early Apt.
lanceloti	Pseudodictyomitra sp. aff. P. lanceloti	5642	21-21	early Barr. to early Barr.
latissima	Napora latissima	3031	4-7	late Baj. to late Bath.-early Call.
latusicostatus	Unuma latusicostatus	4058	2-5	late Aal. to latest Baj.-early Bath.
Laxtorum	Laxtorum	3654	1-4	early-mid Aal. to late Baj.
leiostraca	Sethocapsa leiostraca	3062	4-20	late Baj. to late Haut.
lenticulata	Godia lenticulata	5287	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
leporinus	Bernoullius rectispinus leporinus	4064	2-6	late Aal. to mid Bath.
leptoconica	Pseudodictyomitra leptoconica	5973	22-22	late Barr.-early Apt. to late Barr.-early Apt.
Leugeo	Leugeo	3807	4-8	late Baj. to mid Call.-early Oxf.
levium	Saitoum levium	3024	4-9	late Baj. to mid-late Oxf.
levium	Saitoum sp. aff. S. levium	3026	3-4	early-mid Baj. to late Baj. .
lilyae	Pseudodictyomitra lilyae	5625	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.
limatum	Syringocapsa limatum	5426	11-21	late Kimm.-early Tith. to early Barr.
Linaresia	Linaresia	3811	2-7	late Aal. to late Bath.-early Call.
lineatum	Halesium (?) lineatum	5243	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
lipmanae	Crucella lipmanae	5628	17-19	late Val. to early Haut.
Lithatractus	Lithatractus	6009	14-22	early-early late Berr. to late Barr.-early Apt.
lombardensis	Emiluvia lombardensis	3253	1-4	early-mid Aal. to late Baj.
longa	Parvingula longa	5578	13-20	latest Tith.-earliest Berr. to late Haut.
longipes	Archaeohagiastrum longipes	3149	1-7	early-mid Aal. to late Bath.-early Call.
longitubus	Syringocapsa longitubus	5410	13-16	latest Tith.-earliest Berr. to early Val.
lospensis	Napora lospensis	3036	8-13	mid Call.-early Oxf. to latest Tith.-earliest Berr. .
luciae	Triactoma luciae	5055	13-21	latest Tith.-earliest Berr. to early Barr.
lucifer	Obesacapsula lucifer	3283	13-16	latest Tith.-earliest Berr. to early Val.
luminosum	Cyclastrum (?) luminosum	5266	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.
macroxiphus	Stylosphaera (?) macroxiphus	5044	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
magna	Parvivacca magna	3288	14-20	early-early late Berr. to late Haut.
magnum	Parahsuum (?) magnum	3072	2-5	late Aal. to latest Baj.-early Bath.
magnus	Xitus magnus	3259	8-11	mid Call.-early Oxf. to late Kimm.-early Tith.

Name	Genus, species, subspecies	MRD	UAZ	Range
major	<i>Ristola altissima</i> major	3238	5-7	latest Baj.-early Bath. to late Bath.-early Call.
manica	<i>Bernoullius</i> (?) <i>manica</i>	5357	20-21	late Haut. to early Barr.
martae	<i>Ristola</i> <i>martae</i>	5766	17-20	late Val. to late Haut.
mashitaensis	<i>Parvicingula</i> <i>mashitaensis</i>	3245	8-15	mid Call.-early Oxf. to late Berr.-earliest Val.
mastoidea	<i>Cyrtocapsa</i> <i>mastoidea</i>	3307	3-4	early-mid Baj. to late Baj. .
matsuokai	<i>Hsuum</i> <i>matsuokai</i>	3195	1-5	early-mid Aal. to latest Baj.-early Bath.
maxwelli	<i>Transhsuum</i> <i>maxwelli</i> gr.	3180	3-10	early-mid Baj. to late Oxf.-early Kimm.
mclaughlini	<i>Orbiculiforma</i> (?) sp. aff. <i>O. mclaughlini</i>	3206	8-9	mid Call.-early Oxf. to mid-late Oxf.
medium	<i>Halesium</i> <i>medium</i>	5223	16-21	early Val. to early Barr.
medium	<i>Transhsuum</i> <i>medium</i>	3278	1-7	early-mid Aal. to late Bath.-early Call.
megasphaerica	<i>Quinquecapsularia</i> <i>megasphaerica</i>	3081	3-11	early-mid Baj. to late Kimm.-early Tith.
mexicana	<i>Triactoma</i> <i>mexicana</i>	3412	5-9	latest Baj.-early Bath. to mid-late Oxf.
Milax	<i>Milax</i>	3805	13-20	latest Tith.-earliest Berr. to late Haut.
milloti	<i>Katroma</i> <i>milloti</i>	5436	13-19	latest Tith.-earliest Berr. to early Haut.
minoensis	<i>Archaeodictyomitra</i> <i>minoensis</i>	3305	9-12	mid-late Oxf. to early-early late Tith.
minor	<i>Mirifusus</i> <i>dianae</i> minor	3286	9-20	mid-late Oxf. to late Haut.
minor	<i>Acanthocircus</i> <i>suboblongus</i> minor	3085	3-11	early-mid Baj. to late Kimm.-early Tith.
mirabilis	<i>Archaeodictyomitra</i> (?) <i>mirabilis</i>	3236	7-7	late Bath.-early Call. to late Bath.-early Call.
mirabundum	<i>Hsuum</i> sp. cf. <i>H. mirabundum</i>	2006	3-6	early-mid Baj. to mid Bath.
Mirifusus	<i>Mirifusus</i>	3658	2-21	late Aal. to early Barr.
monoceros	<i>Bernoullius</i> (?) <i>monoceros</i>	5359	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
Monotrabs	<i>Monotrabs</i>	3660	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
morinae	<i>Turanta</i> <i>morinae</i> gr.	3247	1-5	early-mid Aal. to latest Baj.-early Bath.
morroensis	<i>Obesacapsula</i> <i>morroensis</i>	3266	5-21	latest Baj.-early Bath. to early Barr.
mulleri	<i>Paronaella</i> <i>mulleri</i>	3139	6-10	mid Bath. to late Oxf.-early Kimm.
multipora	<i>Emiluvia</i> <i>pessagnoii</i> <i>multipora</i>	3226	8-14	mid Call.-early Oxf. to early-early late Berr.
multispina	<i>Podobursa</i> <i>multispina</i>	5427	20-20	late Haut. to late Haut.
munitum	<i>Archaeohagiastrum</i> <i>munitum</i>	3271	2-8	late Aal. to mid Call.-early Oxf.
murcheyae	<i>Palinandromeda</i> <i>murcheyae</i>	3004	3-6	early-mid Baj. to mid Bath.
nana	<i>Emiluvia</i> <i>nana</i>	3212	6-9	mid Bath. to mid-late Oxf.
Napora	<i>Napora</i>	3661	1-13	early-mid Aal. to latest Tith.-earliest Berr.
Napora sp. A	<i>Napora</i> sp. A	3030	3-3	early-mid Baj. to early-mid Baj. .
Napora sp. B	<i>Napora</i> sp. B	3034	7-13	late Bath.-early Call. to latest.
naradaniensis	<i>Stichocapsa</i> <i>naradaniensis</i>	3045	6-7	mid Bath. to late Bath.-early Call.
natorensis	<i>Parahsuum</i> (?) <i>natorensis</i>	3073	1-3	early-mid Aal. to early-mid Baj.
nipponica	<i>Napora</i> <i>nipponica</i>	3410	1-4	early-mid Aal. to late Baj.
nodosum	<i>Eucyrtidiellum</i> <i>nodosum</i>	3014	3-10	early-mid Baj. to late Oxf.-early Kimm.
normalis	<i>Diacanthocapsa</i> <i>normalis</i>	4012	3-4	early-mid Baj. to late Baj. .
Novixitus	<i>Novixitus</i>	6013	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.
nuda	<i>Pseudodictyomitra</i> <i>nuda</i>	5647	16-22	early Val. to late Barr.-early Apt.
nudata	<i>Guexella</i> <i>nudata</i>	3061	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
obesa	<i>Spongocapsula</i> <i>obesa</i>	5771	10-22	late Oxf.-early Kimm. to late Barr.-early Apt.
Obesacapsula	<i>Obesacapsula</i>	3664	5-21	latest Baj.-early Bath. to early Barr.
oblongula	<i>Stylocapsa</i> <i>oblongula</i>	3059	6-8	mid Bath. to mid Call.-early Oxf.
oblongus	<i>Gongylothorax</i> <i>oblongus</i>	4022	4-4	late Baj. to late Baj. .
ochiensis	<i>Protunuma</i> (?) <i>ochiensis</i>	3290	5-14	latest Baj.-early Bath. to early-early late Berr. .
oculatus	<i>Poulpus</i> sp. aff. <i>P. oculatus</i>	3028	3-7	early-mid Baj. to late Bath.-early Call.
odoghertyi	<i>Mirifusus</i> <i>odoghertyi</i>	5721	13-21	latest Tith.-earliest Berr. to early Barr.
officerense	<i>Parashuum</i> <i>officerense</i>	2011	1-7	early-mid Aal. to late Bath.-early Call.
okamurai	<i>Wrangellium</i> <i>okamurai</i>	3179	7-11	late Bath.-early Call. to late Kimm.-early Tith.
olorizi	<i>Parahsuum</i> (?) <i>olorizi</i>	3071	2-4	late Aal. to late Baj. .
operculi	<i>Diacanthocapsa</i> (?) <i>operculi</i>	3054	3-7	early-mid Baj. to late Bath.-early Call.
Orbiculiforma	<i>Orbiculiforma</i>	3665	1-9	early-mid Aal. to mid-late Oxf.
Orbiculiforma (?) sp. X	<i>Orbiculiforma</i> (?) sp. X	2019	1-6	early-mid Aal. to mid Bath.
orca	<i>Sethocapsa</i> (?) <i>orca</i>	5553	19-22	early Haut. to late Barr.-early Apt.
ordinaria	<i>Emiluvia</i> <i>ordinaria</i>	4015	9-11	mid-late Oxf. to late Kimm.-early Tith.
ordinarium	<i>Perispyridium</i> <i>ordinarium</i> gr.	3100	5-11	latest Baj.-early Bath. to late Kimm.-early Tith.
orea	<i>Emiluvia</i> <i>orea</i> <i>orea</i>	3224	8-11	mid Call.-early Oxf. to late Kimm.-early Tith.

Name	Genus, species, subspecies	MRD	UAZ	Range
orea	Emiluvia orea ultima	4070	10-11	late Oxf.-early Kimm. to late Kimm.-early Tith.
orea	Emiluvia orea s.l.	4069	4-11	late Baj. to late Kimm.-early Tith.
osteosa	Ditrabs (?) osteosa	3912	13-16	latest Tith.-earliest Berr. to early Val.
ovalis	Quarticella ovalis	4078	4-4	late Baj. to late Baj. .
ovum	Phaseliforma ovum	5362	20-22	late Haut. to late Barr.-early Apt.
ovum	Zhamoidellum ovum	4079	9-11	mid-late Oxf. to late Kimm.-early Tith.
pachyderma	Archicapsa (?) pachyderma	4007	3-4	early-mid Baj. to late Baj. .
pagei	Saitoum pagei	3020	4-11	late Baj. to late Kimm.-early Tith.
pagei	Saitoum sp. aff. S. pagei	3027	3-3	early-mid Baj. to early-mid Baj. .
Palinandromeda	Palinandromeda	3606	1-10	early-mid Aal. to late Oxf.-early Kimm.
palmerae	Spongocapsula palmerae	3199	6-13	mid Bath. to latest Tith.-earliest Berr. .
Pantanellium	Pantanellium	3667	2-22	late Aal. to late Barr.-early Apt.
Pantanellium sp. L	Pantanellium sp. L	3042	2-4	late Aal. to late Baj. .
parablakei	Triactoma parablakei	3413	4-7	late Baj. to late Bath.-early Call.
Parahsuum	Parahsuum	3668	1-11	early-mid Aal. to late Kimm.-early Tith.
Parahsuum sp. S	Parahsuum sp. S	3240	7-11	late Bath.-early Call. to late Kimm.-early Tith.
Parapodocapsa	Parapodocapsa	6014	13-16	latest Tith.-earliest Berr. to early Val.
Parasaturnalis	Parasaturnalis	3821	1-3	early-mid Aal. to early-mid Baj.
Parashuum sp. M	Parashuum sp. M	2015	1-1	early-mid Aal.
Paronaella	Paronaella	3671	1-22	early-mid Aal. to late Barr.-early Apt.
Parvicingula	Parvicingula	3672	3-22	early-mid Baj. to late Barr.-early Apt.
Parvicingula (?) sp. A	Parvicingula (?) sp. A	3239	7-7	late Bath.-early Call. to late Bath.-early Call.
Parvivacca	Parvivacca	3673	14-20	early-early late Berr. to late Haut.
patricki	Archaeospongoprimum patricki	5042	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
pauliani	Pseudoaulophacus (?) pauliani	5332	13-21	latest Tith.-earliest Berr. to early Barr.
perampla	Spongocapsula perampla	3267	6-11	mid Bath. to late Kimm.-early Tith.
periosa	Dicroa periosa	5046	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
Perispyridium	Perispyridium	3675	5-11	latest Baj.-early Bath. to late Kimm.-early Tith.
pessagnoii	Emiluvia pessagnoii multipora	3226	8-14	mid Call.-early Oxf. to early-early late Berr.
pessagnoii	Emiluvia pessagnoii pessagnoii	4017	9-13	mid-late Oxf. to latest Tith.-earliest Berr.
pessagnoii	Emiluvia pessagnoii s.l.	3066	4-17	late Baj. to late Val.
peteri	Homoeoparonaella peteri	5267	19-22	early Haut. to late Barr.-early Apt.
petzholdti	Mirifusus petzholdti	5703	16-17	early Val. to late Val.
Phaseliforma	Phaseliforma	6130	20-22	late Haut. to late Barr.-early Apt.
planum	Cyclastrum (?) planum	5903	19-22	early Haut. to late Barr.-early Apt.
plenoides	Monotrabs plenoides gr.	3152	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
plicarum	Tricolocapsa plicarum plicarum	4053	4-5	late Baj. to latest Baj.-early Bath.
plicarum	Tricolocapsa plicarum s.l.	3051	3-8	early-mid Baj. to mid Call.-early Oxf.
plicarum	Tricolocapsa plicarum ssp. A	4052	4-5	late Baj. to latest Baj.-early Bath.
podbielensis	Palinandromeda podbielensis	3008	5-9	latest Baj.-early Bath. to mid-late Oxf.
Podobursa	Podobursa	3677	3-20	early-mid Baj. to late Haut.
Podocapsa	Podocapsa	3678	7-20	late Bath.-early Call. to late Haut.
polyacantha	Podobursa polyacantha	3174	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
polyedra	Obesacapsula polyedra	5565	13-17	latest Tith.-earliest Berr. to late Val.
portmanni	Angulobracchia (?) portmanni portmanni	3285	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
portmanni	Angulobracchia (?) portmanni s.l.	6121	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
Poulpus	Poulpus	3680	3-7	early-mid Baj. to late Bath.-early Call.
praecrassa	Palinandromeda praecrassa	3007	3-9	early-mid Baj. to mid-late Oxf.
praeguadalupensis	Mirifusus fragilis praeguadalupensis	2026	3-3	early-mid Baj. to early-mid Baj. .
praemirifusus	Ristola praemirifusus	2014	1-2	early-mid Aal. to late Aal.
praeplena	Tetradityma praeplena	3125	1-7	early-mid Aal. to late Bath.-early Call.
praeplena	Tetradityma sp. cf. T. praeplena	3407	1-2	early-mid Aal. to late Aal.
praepodbielensis	Palinandromeda praepodbielensis	3006	1-7	early-mid Aal. to late Bath.-early Call.
precedis	Hexapyramis (?) precedis	5069	17-22	late Val. to late Barr.-early Apt.
premyogii	Emiluvia premyogii	3210	3-10	early-mid Baj. to late Oxf.-early Kimm.
primitiva	Pseudodictyomitra primitiva	3189	7-12	late Bath.-early Call. to early-early late Tith.
pristidentata	Paronaella pristidentata	3138	10-11	late Oxf.-early Kimm. to late Kimm.-early Tith.
proavus	Mirifusus proavus	3158	2-4	late Aal. to late Baj. .

Name	Genus, species, subspecies	MRD	UAZ	Range
procera	Ristola procera	3163	5-9	latest Baj.-early Bath. to mid-late Oxf.
protoformis	Acanthocircus protoformis	2021	3-8	early-mid Baj. to mid Call.-early Oxf.
Protunuma	Protunuma	3682	4-14	late Baj. to early-early late Barr. .
Pseudoaulophacus	Pseudoaulophacus	6026	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
Pseudocrolanium	Pseudocrolanium	3806	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.
Pseudocrucella	Pseudocrucella	3683	4-22	late Baj. to late Barr.-early Apt.
Pseudocrucella sp. B	Pseudocrucella sp. B	3127	8-9	mid Call.-early Oxf. to mid-late Oxf.
Pseudodictyomitra	Pseudodictyomitra	3684	7-22	late Bath.-early Call. to late Barr.-early Apt.
Pseudoeucyrtis	Pseudoeucyrtis	3685	5-21	latest Baj.-early Bath. to early Barr.
Pseudoeucyrtis sp. J	Pseudoeucyrtis sp. J	3176	5-10	latest Baj.-early Bath. to late Oxf.-early Kimm.
pseudoewingi	Homoeoparonaella (?) pseudoewingi	3150	3-7	early-mid Baj. to late Bath.-early Call.
pseudoplena	Tetraditryma pseudoplena	3123	4-11	late Baj. to late Kimm.-early Tith.
Pseudopoulpus	Pseudopoulpus	3822	1-2	early-mid Aal. to late Aal.
pseudoscalaris	Dictyomitra pseudoscalaris	5927	17-22	late Val. to late Barr.-early Apt.
ptyctum	Eucyrtidiellum ptyctum	3017	5-11	latest Baj.-early Bath. to late Kimm.-early Tith..
puga	Wrangellium puga	5636	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
pulchella	Stichocapsa pulchella	5744	17-22	late Val. to late Barr.-early Apt.
pulcher	Xitus sp. aff. X. pulcher	3258	9-11	mid-late Oxf. to late Kimm.-early Tith.
pulchra	Thanarla pulchra	5073	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
purisimaensis	Angulobracchia purisimaensis	3144	3-10	early-mid Baj. to late Oxf.-early Kimm.
pusillus	Lithatractus sp. aff. L. pusillus	5041	14-22	early-early late Berr. to late Barr.-early Apt.
pustulatum	Eucyrtidiellum unumaense pustulatum	3013	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
pygmaea	Paronaella pygmaea	3133	7-9	late Bath.-early Call. to mid-late Oxf.
pyramidalis	Napora pyramidalis	3033	2-11	late Aal. to late Kimm.-early Tith.
pyramis	Eucyrtidiellum pyramis	3019	12-13	early-early late Tith. to latest Tith.-earliest Berr.
Pyramispongia	Pyramispongia	6018	13-20	latest Tith.-earliest Berr. to late Haut.
pythiae	Crolanium pythiae	5532	17-22	late Val. to late Barr.-early Apt.
quadrangularis	Hilarisirex quadrangularis	3002	3-7	early-mid Baj. to late Bath.-early Call.
quadriaculeata	Podobursa (?) sp. aff. P. quadriaculeata	3289	9-17	mid-late Oxf. to late Val.
Quarticella	Quarticella	3808	4-4	late Baj. to late Baj. .
quinatum	Eucyrtidiellum (?) quinatum	3048	1-4	early-mid Aal. to late Baj.
Quinquecapsularia	Quinquecapsularia	3814	3-11	early-mid Baj. to late Kimm.-early Tith.
radix	Tetratrabs radix	5209	12-17	early-early late Tith. to late Val.
raricostatum	Hsuum raricostatum	3591	13-15	latest Tith.-earliest Berr. to late Barr.-earliest Val.
rarum	Cyclastrum rarum	5290	15-21	late Berr.-earliest Val. to early Barr.
rectispinus	Bernoullius rectispinus delnortensis	3222	2-7	late Aal. to late Bath.-early Call.
rectispinus	Bernoullius rectispinus leporinus	4064	2-6	late Aal. to mid Bath.
rectispinus	Bernoullius rectispinus rectispinus	4011	1-4	early-mid Aal. to late Baj.
rectispinus	Bernoullius rectispinus s.l.	4010	1-9	early-mid Aal. to mid-late Oxf.
rectispinus	Bernoullius rectispinus ssp. B	2017	2-7	late Aal. to late Bath.-early Call.
remanei	Crucella remanei	5143	17-21	late Val. to early Barr.
reticularis	Pseudoeucyrtis reticularis	3177	8-11	mid Call.-early Oxf. to late Kimm.-early Tith.
rhododactylus	Titrabs rhododactylus	3118	3-13	early-mid Baj. to latest Tith.-earliest Berr.
riedeli	Pantanellium riedeli	3078	7-12	late Bath.-early Call. to early-early late Tith.
rifensis	Linaresia rifensis	2022	2-3	late Aal. to early-mid Baj. .
Ristola	Ristola	3687	1-20	early-mid Aal. to late Haut.
robusta	Staurolonche robusta	3220	4-10	late Baj. to late Oxf.-early Kimm.
robusta	Stichocapsa robusta	3298	5-7	latest Baj.-early Bath. to late Bath.-early Call.
rugosa	Angulobracchia (?) rugosa	3911	12-16	early-early late Tith. to early Val.
rusconensis	Obesacapsula rusconensis rusconensis	3282	13-19	latest Tith.-earliest Berr. to early Haut.
rusconensis	Obesacapsula rusconensis umbriensis	5796	13-15	latest Tith.-earliest Berr. to late Barr.-earliest Val.
rusconensis	Obesacapsula rusconensis s.l.	6129	13-19	latest Tith.-earliest Berr. to early Haut.
saginata	Napora saginata	3032	3-7	early-mid Baj. to late Bath.-early Call.
Saitoum	Saitoum	3688	3-21	early-mid Baj. to early Barr.
sakawaensis	Gongylothorax sakawaensis	4023	6-7	mid Bath. to late Bath.-early Call.
salensis	Emiluvia salensis	3215	4-13	late Baj. to latest Tith.-earliest Berr. .
sandovali	Xitus sandovali	5668	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
sanfilippoae	Pseudocrucella sanfilippoae	3126	7-10	late Bath.-early Call. to late Oxf.-early Kimm.

Name	Genus, species, subspecies	MRD	UAZ	Range
sansalvadorensis	Ditrabs sansalvadorensis	3227	11-21	late Kimm.-early Tith. to early Barr.
satoi	Spongotripus (?) satoi	5262	19-22	early Haut. to late Barr.-early Apt.
Savaryella	Savaryella	6017	14-21	early-early late Berr. to early Barr.
sceptrum	Pseudoeucyrtis sceptrum	5577	13-15	latest Tith.-earliest Berr. to late Berr.-earliest Va
schoolhousensis	Parvicingula schoolhousensis gr.	3184	3-3	early-mid Baj. to early-mid Baj. .
sedecimporata	Emiluvia sedecimporata	3216	3-11	early-mid Baj. to late Kimm.-early Tith.
semifactum	Eucyrtidiellum semifactum	3016	5-7	latest Baj.-early Bath. to late Bath.-early Call.
septemporatus	Cecrops septemporatus	5229	17-21	late Val. to early Barr.
Sethocapsa	Sethocapsa	3689	3-22	early-mid Baj. to late Barr.-early Apt.
Sethocapsa sp. A	Sethocapsa sp. A	3167	3-13	early-mid Baj. to latest Tith.-earliest Berr.
sexaspina	Cecrops (?) sexaspina	5068	17-20	late Val. to late Haut.
siciliensis	Actinomma siciliensis	2008	1-4	early-mid Aal. to late Baj.
sicula	Angulobracchia sicula	3301	1-6	early-mid Aal. to mid Bath.
simplex	Sethocapsa simplex	5469	20-22	late Haut. to late Barr.-early Apt.
simplex	Titrabs simplex	3303	1-6	early-mid Aal. to mid Bath.
siphonifer	Gongylothorax sp. aff. G. siphonifer	4024	4-4	late Baj. to late Baj. .
skowkonaensis	Paronaella skowkonaensis	2005	1-2	early-mid Aal. to late Aal.
sognoensis	Palinandromeda sognoensis	3010	1-3	early-mid Aal. to early-mid Baj.
Solenotryma	Solenotryma	3690	7-21	late Bath.-early Call. to early Barr.
speciosa	Homoeoparonaella speciosa	5163	13-21	latest Tith.-earliest Berr. to early Barr.
spelae	Bernoullius spelae	5369	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
sphaerica	Parvicingula sphaerica	3717	13-16	latest Tith.-earliest Berr. to early Val.
sphaerica	Sethocapsa (?) sphaerica	3168	9-11	mid-late Oxf. to late Kimm.-early Tith.
spicularius	Xitus sp. aff. X. spicularius	3295	10-22	late Oxf.-early Kimm. to late Barr.-early Apt.
spinata	Parvicingula (?) spinata	3187	3-10	early-mid Baj. to late Oxf.-early Kimm.
spinellifera	Syringocapsa spinellifera	3170	9-12	mid-late Oxf. to early-early late Tith.
spinosa	Podobursa spinosa	3230	8-13	mid Call.-early Oxf. to latest Tith.-earliest Berr.
spinosa	Syringocapsa sp. aff. S. spinosa	5711	19-22	early Haut. to late Barr.-early Apt.
spinosum	Yamatoum spinosum	4077	1-4	early-mid Aal. to late Baj.
spiralis	Stylocapsa (?) spiralis gr.	3046	6-7	mid Bath. to late Bath.-early Call.
splendida	Emiluvia splendida	2002	1-3	early-mid Aal. to early-mid Baj.
Spongocapsula	Spongocapsula	3691	6-22	mid Bath. to late Barr.-early Apt.
Spongotripus	Spongotripus	3692	19-22	early Haut. to late Barr.-early Apt.
squinaboli	Pantanellium squinaboli	5607	11-22	late Kimm.-early Tith. to late Barr.-early Apt.
stanleyensis	Parashuum stanleyensis	2023	3-8	early-mid Baj. to mid Call.-early Oxf.
Staurolonche	Staurolonche	3693	4-10	late Baj. to late Oxf.-early Kimm.
Stichocapsa	Stichocapsa	3696	1-22	early-mid Aal. to late Barr.-early Apt.
Stichocapsa sp. E	Stichocapsa sp. E	4042	5-5	latest Baj.-early Bath. to latest Baj.-early Bath.
Stichomitra	Stichomitra	3697	3-22	early-mid Baj. to late Barr.-early Apt.
Stichomitra (?) sp. A	Stichomitra (?) sp. A	3192	3-7	early-mid Baj. to late Bath.-early Call.
Stylocapsa	Stylocapsa	3698	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
Stylosphaera	Stylosphaera	3699	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
Stylospongia	Stylospongia	3802	20-22	late Haut. to late Barr.-early Apt.
suboblongus	Acanthocircus suboblongus minor	3085	3-11	early-mid Baj. to late Kimm.-early Tith.
suboblongus	Acanthocircus suboblongus suboblongus	3088	3-11	early-mid Baj. to late Kimm.-early Tith.
suboblongus	Acanthocircus suboblongus s.l.	3064	3-11	early-mid Baj. to late Kimm.-early Tith.
Suna	Suna	3810	9-22	mid-late Oxf. to late Barr.-early Apt.
Syringocapsa	Syringocapsa	3630	7-22	late Bath.-early Call. to late Barr.-early Apt.
Syringocapsa (?) sp. A	Syringocapsa (?) sp. A	3268	7-7	late Bath.-early Call. to late Bath.-early Call.
takanoensis	Stichomitra (?) takanoensis gr.	4044	3-7	early-mid Baj. to late Bath.-early Call.
tecta	Godia tecta	5274	19-22	early Haut. to late Barr.-early Apt.
tecta	Stylocapsa tecta	4047	5-6	latest Baj.-early Bath. to mid Bath.
testatum	Zhamoidellum testatum	5511	18-22	latest Val.-earliest Haut. to late Barr.-early Apt.
tetradactylus	Hexastylus (?) tetradactylus	4027	1-4	early-mid Aal. to late Baj.
Tetraditryma	Tetraditryma	3638	1-11	early-mid Aal. to late Kimm.-early Tith.
tetragona	Tricolocapsa tetragona	4054	5-5	latest Baj.-early Bath. to latest Baj.-early Bath.
tetraspinus	Hexasaturnalis tetraspinus	3089	1-6	early-mid Aal. to mid Bath.
Tetratrabs	Tetratrabs	3642	1-17	early-mid Aal. to late Val.

Name	Genus, species, subspecies	MRD	UAZ	Range
Thanarla	Thanarla	6025	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
Theocapsomma	Theocapsomma	3647	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
Theocapsomma sp. A.	Theocapsomma sp. A.	3043	7-7	late Bath.-early Call. to late Bath.-early Call.
theokaftensis	Crucella theokaftensis	3131	7-11	late Bath.-early Call. to late Kimm.-early Tith.
Thetis	Thetis	3650	7-7	late Bath.-early Call. to late Bath.-early Call.
Tith.um	Triactoma Tith.um	3097	6-22	mid Bath. to late Barr.-early Apt.
titirez	Stylospongia (?) titirez	5090	20-22	late Haut. to late Barr.-early Apt.
trachyostraca	Sethocapsa trachyostraca	3063	7-22	late Bath.-early Call. to late Barr.-early Apt.
Transhsuum	Transhsuum	3809	1-11	early-mid Aal. to late Kimm.-early Tith.
triacanthus	Acaeniotylopsis variatus triacanthus	4066	1-7	early-mid Aal. to late Bath.-early Call.
Triactoma	Triactoma	3655	1-22	early-mid Aal. to late Barr.-early Apt.
trichylum	Saitoum trichylum	3021	7-9	late Bath.-early Call. to mid-late Oxf.
Tricolocapsa	Tricolocapsa	3657	3-8	early-mid Baj. to mid Call.-early Oxf.
Tricolocapsa sp. M	Tricolocapsa sp. M	4056	5-5	latest Baj.-early Bath. to latest Baj.-early Bath.
Tricolocapsa sp. S	Tricolocapsa sp. S	4057	4-5	late Baj. to latest Baj.-early Bath.
tricornis	Sethocapsa tricornis	5510	13-16	latest Tith.-earliest Berr. to early Val.
trifoliacea	Paronaella trifoliacea	5186	14-22	early-early late Berr. to late Barr.-early Apt.
trigonum	Cyclastrum (?) trigonum	5901	16-21	early Val. to early Barr.
Trillus	Trillus	3659	1-5	early-mid Aal. to latest Baj.-early Bath.
Trillus spp.	Trillus spp.	3039	1-5	early-mid Aal. to latest Baj.-early Bath.
tripes	Spongocapsula (?) tripes	5526	19-21	early Haut. to early Barr.
Tritrabs	Tritrabs	3662	1-22	early-mid Aal. to late Barr.-early Apt.
trizonalis	Acanthocircus trizonalis angustus	3082	6-10	mid Bath. to late Oxf.-early Kimm.
trizonalis	Acanthocircus trizonalis dicranacanthos	3087	10-17	late Oxf.-early Kimm. to late Val.
trizonalis	Acanthocircus trizonalis trizonalis	3083	8-11	mid Call.-early Oxf. to late Kimm.-early Tith.
trizonalis	Acanthocircus trizonalis s.l.	3065	6-22	mid Bath. to late Barr.-early Apt.
tsunoensis	Amphipyndax tsunoensis	2025	6-7	mid Bath. to late Bath.-early Call.
tuberculatus	Novixitus (?) tuberculatus	5693	19-22	early Haut. to late Barr.-early Apt.
tubulata	Paronaella (?) tubulata	5183	13-22	latest Tith.-earliest Berr. to late Barr.-early Apt.
Turanta	Turanta	3663	1-8	early-mid Aal. to mid Call.-early Oxf.
turbo	Protunuma turbo	4034	4-7	late Baj. to late Bath.-early Call.
turpicula	Ristola (?) turpicula	3543	5-6	latest Baj.-early Bath. to mid Bath.
Tympaneides	Tympaneides	0007	1-3	early-mid Aal. to early-mid Baj.
typicus	Unuma typicus	4059	3-4	early-mid Baj. to late Baj. .
tythopora	Dibolachras tythopora	5422	17-22	late Val. to late Barr.-early Apt.
ultima	Emiluvia orea ultima	4070	10-11	late Oxf.-early Kimm. to late Kimm.-early Tith.
umbilicata	Acaeniotyle umbilicata	3092	10-22	late Oxf.-early Kimm. to late Barr.-early Apt.
umbriensis	Obesacapsula rusconensis umbriensis	5796	13-15	latest Tith.-earliest Berr. to late Berr.-earliest Val.
Unuma	Unuma	3669	1-6	early-mid Aal. to mid Bath.
Unuma sp. A	Unuma sp. A	3309	4-6	late Baj. to mid Bath.
unumaense	Eucyrtidiellum unumaense dentatum	3015	6-7	mid Bath. to late Bath.-early Call.
unumaense	Eucyrtidiellum unumaense pustulatum	3013	5-8	latest Baj.-early Bath. to mid Call.-early Oxf.
unumaense	Eucyrtidiellum unumaense unumaense	3012	3-8	early-mid Baj. to mid Call.-early Oxf.
unumaense	Eucyrtidiellum unumaense s.l.	3052	3-8	early-mid Baj. to mid Call.-early Oxf.
usotanensis	Parvicingula usotanensis	5712	15-22	late Berr.-earliest Val. to late Barr.-early Apt.
uterculus	Sethocapsa uterculus	5462	11-22	late Kimm.-early Tith. to late Barr.-early Apt.
valdorbiense	Bistarkum valdorbiense	3919	13-17	latest Tith.-earliest Berr. to late Val.
variabilis	Acanthocircus variabilis	5011	17-20	late Val. to late Haut.
variatus	Acaeniotylopsis variatus triacanthus	4066	1-7	early-mid Aal. to late Bath.-early Call.
variatus	Acaeniotylopsis variatus variatus	3270	3-8	early-mid Baj. to mid Call.-early Oxf.
variatus	Acaeniotylopsis variatus s.l.	4063	1-8	early-mid Aal. to mid Call.-early Oxf.
ventricosum	Zhamoidellum ventricosum	3308	8-11	mid Call.-early Oxf. to late Kimm.-early Tith.
verbana	Obesacapsula verbana	3202	11-20	late Kimm.-early Tith. to late Haut.
vicetina	Syringocapsa vicetina	5409	13-17	latest Tith.-earliest Berr. to late Val.
Williriedellum	Williriedellum	3674	4-11	late Baj. to late Kimm.-early Tith.
Williriedellum sp. A	Williriedellum sp. A	4060	4-8	late Baj. to mid Call.-early Oxf.
wintereri	Higumastra wintereri	3148	1-8	early-mid Aal. to mid Call.-early Oxf.
worzeli	Tritrabs ewingi worzeli	3115	7-12	late Bath.-early Call. to early-early late Tith.

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Wrangellium	Wrangellium	3804	7-22	late Bath.-early Call. to late Barr.-early Apt.
Xiphostylus	Xiphostylus	3700	1-6	early-mid Aal. to mid Bath.
Xiphostylus spp.	Xiphostylus spp.	3414	1-6	early-mid Aal. to mid Bath.
Xitus	Xitus	3676	7-22	late Bath.-early Call. to late Barr.-early Apt.
Xitus (?) sp. D	Xitus (?) sp. D	3261	7-9	late Bath.-early Call. to mid-late Oxf.
Yamatoum	Yamatoum	6024	1-4	early-mid Aal. to late Baj.
Zartus	Zartus	3686	1-4	early-mid Aal. to late Baj.
zealis	Tetratrabs zealis	3121	4-13	late Baj. to latest Tith.-earliest Berr. .
Zhamoidellum	Zhamoidellum	3695	8-22	mid Call.-early Oxf. to late Barr.-early Apt.
zweilii	Sethocapsa (?) zweilii	5464	14-19	early-early late Berr. to early Haut.