

第2表 大野川層群産動物化石  
List of the animal fossils from the Onogawa group

Stratigraphic unit.  Species	Onogawa group																			
	Lowermost s.		Lower subgroup						Middle subgroup				Upper subgroup							
	Soyou f.	Uso f.	Ryozen formation		Okukawa-rauchi f.		Nakakawa-rauchi f.		Shibakita formation		Inukai formation		Ugaku formation		Takeyama formation		Mizugajo formation		Amabe formation	
			R1	R2	O1	O2	N1	N2	N3	S1	S2	I1	I2	U1	U2	T1	T2	M1	M2	A1
<i>Anagaidryceras limatum</i> (YABE)											X									
<i>Gaudryceras denseplicatum</i> (JIMBO)													X					X		
G. sp.																				
<i>Mesopuzosia yubarensis</i> (JIMBO)				X																
<i>Neopuzosia</i> sp.																				
<i>Subprionocyclus neptuni</i> (GEINITZ)																				
S. <i>bravaisianus</i> (D'ORBIGNY.)																				
S. <i>normalis</i> (ANDERSON)																				
<i>Bostrychoceras indicum</i> (STOLICZKA)													X							
<i>Otoscaphtes puerclus</i> (JIMBO)				X																
O. sp.																				
<i>Scaphites</i> spp.																				
<i>Scalarites</i> sp.																				
<i>Polypthyoceras pseudogaultinum</i> (YOKOYAMA)																				
P spp.																				
<i>Baculites</i> sp.																				
Ammonoidea gen. and sp. indet.																				
<i>Dentalium (Antalis) cooperi ezoense</i> (NAGAO)																				
<i>Avellana sculptilis</i> STOLICZKA																				
A. sp.																				
Gastropoda gen. and sp. indet.																				
<i>Nucula</i> sp.																				
<i>Acila (Truncacila) hokkaidoensis</i> (NAGAO)																				
A. (T.) sp.																				
<i>Nuculana formosa</i> NAGAO																				
N. sp.																				
<i>Portlandia</i> sp.																				
<i>Navicula</i> sp.																				
<i>Nanonavis (Nanonavis) sachalinensis</i> (SCHMIDT)				X	X															
<i>Cucullaea ezoensis</i> (YABE & NAGAO)					X															
<i>Matsumotoa japonica</i> OKADA																				
<i>Glycymeris amakusense solida</i> NAGAO				X																
G. <i>hokkaidoana multicostata</i> NAGAO																				
G. sp.																				
<i>Crenella gyliakiana</i> MATSUMOTO																				
<i>Pinna</i> sp.																				
<i>Inoceramus hobetsensis</i> NAGAO & MATSUMOTO																				
I. <i>mukawaensis</i> NAGAO & MATSUMOTO																				
I. <i>teshioensis</i> NAGAO & MATSUMOTO																				
I. <i>uwajimensis</i> YEHARA																				
I. <i>u. yeharai</i> NAGAO & MATSUMOTO																				
I. <i>pedalionoides</i> NAGAO & MATSUMOTO																				
I. <i>ezoensis</i> YOKOYAMA																				
I. <i>amakusensis</i> NAGAO & MATSUMOTO																				
I. <i>naumanni</i> YOKOYAMA																				
I. <i>yokoyamai</i> NAGAO & MATSUMOTO																				
I. spp.																				
<i>Diadymotis akamatsui</i> YEHARA																				
<i>Propeamussium cowperi yubarensis</i> YABE & NAGAO																				
<i>Pecten raduloides</i> STOLICZKA				X																
<i>Anomia</i> sp.																				
<i>Ostrea</i> sp.																				
<i>Apiotrigonia undulosa</i> NAKANO																				
<i>Pterotrigonia datemasamunei</i> (YEHARA) var.																				
<i>Acanthotrigonia higoensis</i> TAMURA & TASHIRO																				
A. <i>mashikiensis</i> TAMURA & TASHIRO																				
<i>Astarte</i> sp.																				
<i>Lucina fallax</i> STOLICZKA					X															
L. (Myrtea) <i>arcotina</i> STOLICZKA					X															
" <i>Callista</i> " <i>pseudoplana</i> YABE & NAGAO																				
"C." ( <i>Pseudoamiantis</i> ) <i>crenulatus</i> MATSUMOTO																				
<i>Pseudoasaphis japonica</i> MATSUMOTO																				
<i>Siliqua</i> sp.																				
Pelecypoda gen. and sp. indet.																				
Brachiopoda gen. and sp. indet.																				
<i>Hemiasper</i> sp.																				
Echinoidea gen. and sp. indet.																				

X : cf. \* : aff.

Time-stratigraphic unit	Cenoman.		Turonian				Coniacian				Santonian									
	Low. Gyl. K4α		Up. Gyl. K4β				Low. Urakawan K5α				Up. Urakawan K4β									
Fossil zone			I. hobet. z.		I. teshioensis. z.		I. uwajimensis zone				Inoceramus amakusensis zone									
Rock-stratigraphic unit	Onogawa group																			
	Lowermost subgroup				Lower subgroup				Middle subgroup				Upper subgroup							
	Soyou f.	Uso f.	Ryozen formation		Okukawa-rauchi f.		Nakakaw-arauchi f.		Shibakita formation		Inukai formation		Ugaku formation		Takeyama f.		Mizugajo f.		Amabe formation	
Species	So	Us	R1	R2	O1	O2	NI-2	N3	S1	S2	I1	I2	U1	U2	T1	T2	M1	M2	A1	A2
<i>Inoceramus hobetsensis</i>			••																	
<i>I. teshioensis</i>				•••••																
<i>I. sp.</i>						•														
<i>I. pedalionoides</i>								※												
<i>I. uwajimensis</i>										••••	••••	••••								
<i>I. u. yeharai</i>																				
<i>I. ezoensis</i>														×	×					
<i>I. mukawaensis</i>														•	•••••					
<i>I. amakusensis</i>														••		×	×		••	••
<i>I. naumanni</i>														×	••					
<i>I. yokoyamai</i>																••	•			•
<i>Didymotis akamatsui</i>										•		••••								
<i>Apiotrigonia undulosa</i>				•								•								
<i>Pterotrigonia datemasamunei</i> var.																				
<i>Acanthotrigonia higoensis</i>	•																			
<i>A. mashikiensis</i>	•																			
<i>Anagaudryceras limatum</i>												×								
<i>Gaudryceras denseplicatum</i>															xx			×		
<i>G. sp.</i>								•												
<i>Mesopuzosia yubarensis</i>																			×	
<i>Neopuzosia sp.</i>														•						
<i>Subprionocyclus neptuni</i>				•																
<i>S. bravaisianus</i>				•																
<i>S. normalis</i>				•																
<i>Bostrychoceras indicum</i>															×					
<i>Otoscaphtes puerclus</i>				×									×							
<i>O. sp.</i>																				
<i>Scaphites spp.</i>													••							
<i>Scalarites sp.</i>				••																
<i>Polyptychoceras pseudogaulti-</i>																				
<i>P. num</i>																				
<i>Baculites spp.</i>								•											•	•

× : cf.      ※ : aff.

第 3 表 大野川層群におけるイノセラムス・三角貝およびアンモナイトの層序的分布  
Stratigraphic distribution of inocerami, trigonians and ammonites in the Onogawa group

第 6 表 大野川盆地および隣接地域の白亜紀層の対比  
Correlation of the Cretaceous formations in the Onogawa Basin and its adjacent areas

Area		West Kyushu				East Kyushu							West Shikoku																																														
		Outer zone		Inner zone		Outer zone						Inner zone		Outer zone	Inner z.																																												
		Chichibu t.	Ryoke terrain	Chugoku & Sanoki t.		Chichibu terrain						Sambagawa t.	Ryoke t.	Chichibu terrain	Ryoke t.																																												
		Yatsushiro area	Onogawa sub.	Mifune subbelt	Izumi belt	Gokase area	Shinkai belt	Yamabu belt	Muku-jima	Haidateyama belt	Osaka belt	Notsu belt	Onogawa-Mifune belt	Onogawa graben	Chichibu terrain	Sambagawa terrain	Izumi belt																																										
Upper Cretaceous	Campanian	Maastrichtian	K6β																																																								
		Heterian	K6α																																																								
			K5γ																																																								
	Santonian	Urakawan	K5β	Himenoura group 3000																																																							
			K5α																																																								
			K4β																																																								
	Cenomanian	Gyilakian	K4α	Miyaji f. 230+	Goshanoura group 1000		Mifune group 2400																																																				
			K3γ																																																								
			K3β	Yatsushiro f. 600																																																							
	Lower Cretaceous	Aptian	Miyakooan	K3α	Hlnagu f. 830	Shibanomota f. 1200		Kasabe f. 850		Togawa f. 900+		Shinkai f. 180																																															
			K2	Hachiryuzan f. 350																																																							
Neocomian		K1	Kawaguchi f. 400																																																								
		Sakamoto f. 350																																																									
Upper Jurassic																																																											
				Takahata f.		Mukujima f. 690+		Haidateyama g. Haidateyama f. 1420		Sukubo f. 750+		Higashidani f. 680+		Sukubo f.		Koshigoe f.		Tamarimizu f. 1000		Ochidani f. 30+		Yamabu f. 500		Tano group		Notsuichi f. 1360+		Yamazumi f. 600		Shiib. f. 270+		Onogawa group		Up. s. Amabe f. 3700+		Mid. subg. Mizugajo f. 2100		Takeyama f. 1200		Ugaku f. 3800		Inukai f. 3900		Shibakita f. 2300+		Nakakawa f. 1550+		Okukawa f. 2200+		Ryozen f. 4100+		Lowermost subg. Uso f. 850+		Soyou formation		Maana f.		Izumi group 7000	

~~~~~: unconformity - - - - -: fault .....: unknown |||||: older basement g.: group subg.: subgroup f.: formation Arabic figure: maximum thickness in meter