

**APPENDIX 1**  
**Foraminifera species list from the Tihau Section**

Species/Samples	TH1	TH2	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17
Agglutinated benthics																			
<i>Ammodiscus incertus</i>	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Ammodiscus miocenicus</i>	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Ammodiscus</i> sp.	0	2	0	0	3	3	0	0	0	0	0	0	0	0	0	1	1	0	0
<i>Bathysiphon</i> sp.	7	0	0	0	0	1	1	0	0	1	0	0	0	0	9	4	0	1	17
<i>Budashevella multicamerata</i>	43	5	0	0	3	1	0	0	0	0	0	0	0	0	3	3	0	1	0
<i>Budashevella</i> sp.	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cibrostomoides</i> sp.	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	8
<i>Cyclammina cancellata</i>	0	0	0	0	3	1	0	0	0	0	0	0	0	0	1	2	0	0	0
<i>Cyclammina</i> sp.	0	0	0	0	6	2	0	0	1	2	0	0	0	1	2	0	0	7	2
<i>Cyandroclavulina rudis</i>	0	0	0	2	1	0	0	1	1	2	0	1	1	3	2	4	0	1	0
<i>Glomospira</i> sp.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Haplophragmoides</i> sp.	0	13	0	0	0	0	0	0	2	0	0	0	0	0	3	0	1	3	0
<i>Hyperammina rugosa</i>	0	1	0	0	4	0	0	0	0	0	0	0	0	0	1	0	0	1	1
<i>Hyperammina</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Karrerulina conversa</i>	1	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karrerulina</i> sp.	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Martinottiella communis</i>	0	0	0	2	0	0	1	2	0	4	0	0	0	0	0	0	0	0	0
<i>Martinottiella</i> sp.	0	0	1	3	0	0	3	0	0	0	0	2	2	0	0	0	0	0	0
<i>Milammina</i> sp.	0	1	3	14	7	6	8	9	4	14	0	6	7	3	0	0	0	0	0
<i>Popovia</i> sp.	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	1	0
<i>Reophax</i> sp.	1	2	0	1	5	4	1	0	0	1	0	0	0	0	0	0	0	1	0
<i>Reticulophragmium acutidorsatum</i>	0	0	0	0	13	4	0	0	0	0	0	0	0	0	4	2	0	0	0
<i>Reticulophragmium rotundidorsatum</i>	0	1	0	0	18	7	0	0	0	0	0	0	0	0	3	5	0	0	0
<i>Reticulophragmium venezuelanum</i>	85	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizammina</i> sp.	0	0	0	0	7	0	0	0	0	1	0	0	0	0	10	5	1	6	7
<i>Rzehakina</i> sp.	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sacamina</i> sp.	0	0	0	1	3	0	0	1	0	2	0	0	0	0	1	0	0	0	0
<i>Saccamina grzybowskii</i>	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Saccamina sphaerica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
<i>Semivulvulina pectinata</i>	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Spiroplectammina carinata</i>	0	17	29	44	5	4	10	9	6	21	0	0	0	1	1	0	0	0	0
<i>Textularia gramen</i>	0	0	4	2	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0
<i>Textularia laevigata</i>	0	6	0	8	0	2	2	3	1	0	1	3	0	0	0	0	0	0	0
<i>Textularia</i> sp.	40	3	1	3	1	1	0	3	0	0	0	0	2	1	2	0	2	2	0
Undetermined agglutinated 1	0	2	0	1	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0
Undetermined agglutinated 2	0	0	0	0	1	0	0	1	1	0	0	2	0	0	0	0	0	0	0
<i>Vulvulina haeringensis</i>	0	0	3	0	4	0	1	3	4	11	0	0	1	0	0	1	0	0	0
Calcareous benthics																			
Species/Samples	TH1	TH2	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17
<i>Ammonia beccarii</i>	0	0	16	1	0	1	0	2	2	0	1	0	0	0	0	0	11	3	1
<i>Amphicoryna armata</i>	0	5	0	3	0	3	2	2	2	0	1	2	1	1	0	0	0	0	0
<i>Amphicoryna badensis</i>	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphicoryna intersila</i>	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
<i>Amphicoryna proxima</i>	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Amphicoryna</i> sp.	0	3	0	1	0	0	0	2	0	0	0	1	0	0	0	0	0	1	0
<i>Amphicoryna venusta</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Anomalina ammonoides</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterigerinata planorbis</i>	0	0	2	1	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0
<i>Bolivina anticha</i>	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	0	0	0	0
<i>Bolivina beyrichi beyrichi</i>	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0
<i>Bolivina dilatata dilatata</i>	0	0	1	0	1	0	0	0	0	1	2	2	0	0	0	0	2	0	0
<i>Bolivina fastigia</i>	0	1	1	4	0	0	0	0	0	3	2	2	1	0	0	0	0	0	0
<i>Bolivina liebusi</i>	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bolivina molasica</i>	0	0	2	2	0	1	0	0	0	1	3	0	2	1	0	0	3	0	0
<i>Bolivina</i> sp.	1	0	7	6	0	0	0	2	0	3	0	5	4	2	0	1	0	0	0
<i>Bolivina versatilis</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bulimina alazanensis</i>	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bulimina elongata</i>	0	0	2	0	0	0	0	1	0	0	0	1	1	3	0	0	0	1	0
<i>Bulimina</i> sp.	1	0	5	5	0	2	1	1	0	1	3	2	1	0	2	0	7	0	1
<i>Bulimina striata striata</i>	6	0	15	12	0	1	1	6	3	4	6	0	4	2	0	0	4	0	0
<i>Bulimina subulata</i>	0	0	1	1	0	0	1	1	2	0	0	2	0	0	0	0	1	0	0
<i>Cassidulina margareta</i>	0	0	1	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Cassidulina</i> sp.	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
<i>Chilostomella</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Chilostomella oolina</i>	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cibicides pachyderma</i>	0	0	2	2	3	6	9	12	3	7	3	8	6	4	0	0	0	0	0
<i>Cibicides pseudoungarianus</i>	0	4	0	3	0	0	0	2	0	3	0	3	1	2	0	0	1	0	0
<i>Cibicides</i> sp.	0	0	18	6	0	3	1	7	2	3	7	6	7	9	0	0	12	0	0
<i>Cibicides ungerianus</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dentalina leguminiformis</i>	0	4	0	1	0	3	1	1	2	0	0	1	3	1	0	0	0	0	0
<i>Dentalina paronai</i>	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dentalina</i> sp.	1	0	8	7	3	2	0	0	2	0	0	2	0	0	0	0	0	1	0
<i>Elphidium</i> sp.	0	0	7	2	0	1	0	2	0	0	0	0	0	0	0	0	1	0	0
<i>Euuvigerina ecuadorensis</i>	0	15	3	0	2	9	3	7	1	8	0	1	0	0	0	0	0	0	0
<i>Fissurina</i> sp.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Fursenkoina schreibersiana</i>	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
<i>Glandulina giba</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
<i>Glandulina ovula</i>	0	10	1	0	0	1	1	2	0	1	1	0	2	0	0	0	0	0	0
<i>Glandulina</i> sp.	0	0																	