

Appendix 7.

Formation	Sample size	Sample type	Sample number	Species identified	No. of specimens
Craighead Limestone Formation, Locality C	ca. 1 kg	Mudstones for calcitic microfossil processing	1a	<i>Steusloffina cuneata</i>	5
				<i>Duoarcus levigatus</i>	1
				<i>Vannieria transversa</i>	4
	ca. 1 kg	Mudstones for calcitic microfossil processing	1b	<i>Steusloffina cuneata</i>	2
				<i>Duoarcus levigatus</i>	1
				<i>Vannieria transversa</i>	5
	ca. 1 kg	Mudstones for calcitic microfossil processing	1	<i>Steusloffina cuneata</i>	4
				<i>Duoarcus levigatus</i>	2
				<i>Vannieria transversa</i>	3
				<i>Kinnekullea</i> n. sp.	1
				<i>Aparchites</i> sp. 1	1
	ca. 1 kg	Mudstones for calcitic microfossil processing	2	<i>Steusloffina cuneata</i>	4
				<i>Duoarcus levigatus</i>	2
				<i>Vannieria transversa</i>	3
	ca. 1 kg	Mudstones for calcitic microfossil processing	3	<i>Steusloffina cuneata</i>	5
				<i>Duoarcus levigatus</i>	1
				<i>Vannieria transversa</i>	3
	ca. 1 kg	Mudstones for calcitic microfossil processing	3a	<i>Steusloffina cuneata</i>	5
				<i>Duoarcus levigatus</i>	3
				<i>Vannieria transversa</i>	6
				<i>Longiscula</i> sp.	1
				<i>Krausella arcuata</i>	1
				? <i>Medianella longa</i>	1
				<i>Ningulella</i> ? sp.	1
				<i>Aparchites</i> sp. 2.	1
				<i>Steusloffina</i> cf. <i>ulrichi</i>	1
	ca. 1 kg	Mudstones for calcitic microfossil processing	3b	<i>Steusloffina cuneata</i>	8
				<i>Duoarcus levigatus</i>	3
				<i>Vannieria transversa</i>	13
	ca. 1 kg	Mudstones for calcitic microfossil processing	4	<i>Steusloffina cuneata</i>	20
				<i>Duoarcus levigatus</i>	2
				<i>Vannieria transversa</i>	14
				cf. ' <i>Schmidtella</i> ' <i>minuta</i>	1
	ca. 1 kg	Mudstones for calcitic microfossil processing	5	<i>Balticella</i> n. sp.	1
				<i>Steusloffina cuneata</i>	2
				<i>Duoarcus levigatus</i>	1
	ca. 1 kg	Mudstones for calcitic microfossil processing	5a	<i>Vannieria transversa</i>	4
				<i>Steusloffina cuneata</i>	3
				<i>Duoarcus levigatus</i>	1
	ca. 1 kg	Mudstones for calcitic microfossil processing	6	<i>Vannieria transversa</i>	2
				<i>Primitiopsis</i> sp.	1
				<i>Steusloffina cuneata</i>	5
	ca. 1 kg	Mudstones for calcitic microfossil processing	7	<i>Duoarcus levigatus</i>	1
				<i>Vannieria transversa</i>	5
				<i>Steusloffina cuneata</i>	2
	ca. 1 kg	Mudstones for calcitic microfossil processing	7a	<i>Steusloffina cuneata</i>	2
				<i>Duoarcus levigatus</i>	3
				<i>Vannieria transversa</i>	2
				<i>Primitiopsis</i> sp.	2
				<i>Steusloffina cuneata</i>	5
	ca. 1 kg	Mudstones for calcitic microfossil processing	8	<i>Hemiaechminoides</i> sp.	1
				<i>Kiesowia</i> sp.	1
				<i>Vannieria transversa</i>	8
	ca. 1 kg	Mudstones for calcitic microfossil processing	8a	<i>Steusloffina cuneata</i>	2
				<i>Vannieria transversa</i>	3
				<i>Steusloffina cuneata</i>	1
Craighead Limestone Formation, Locality A	ca. 7 kg	Limestones rock slabs for calcitic crack out material	Single locality	<i>Oepikella tunnicliffi</i>	30
				<i>Monoceratella teres</i>	1
				<i>Distobolbina</i> sp.	1
				<i>Platybolbina</i> cf. <i>punctata</i>	1
				<i>Levisulculus</i> cf. <i>michiganensis</i>	2
				<i>Leperditella girvanensis</i> n. sp.	14
				<i>Podocope</i> sp. 1	5
				<i>Palaeocope</i> sp. 1	1
Ardwell Farm Formation	ca. 5 kg	Indurated mudstones; slab work for mouldic ostracod material, few specimens are preserved as calcitic	Single locality	<i>Krausella variata</i>	11
				<i>Hippula ventrospinosa</i>	13
				<i>Vannieria transversa</i>	1
				<i>Baltonotella parsispinosa</i>	3
				<i>Hallatia</i> cf. <i>labiosa</i>	1
				<i>Eoaquapulex</i> cf. <i>socialis</i>	1
Lady Burn Formation	ca. 3 kg	Silty nodular mudstones; slab work for mouldic ostracod material	Single locality	<i>Kinnekullea comma</i>	13
				<i>Euprimites</i> (<i>Euprimites</i>) <i>limus</i>	5
				<i>Vittella</i> sp.	11

South Threave Formation	ca. 1 kg	Mudstones; slab work for mouldic ostracod material	Single locality	Kinnekullea comma	20
				Krausella n. sp.	4
				Palaeocope sp. 2	4
Mill Formation	ca. 2 kg	Decalcified moulds on rock slabs from mudstones	Single locality	'Primitia' krausei	1
				'Primitia' ulrichiana	1
				'Primitia' elongata	1
				'Primitia' mundula var. kloedeniana	5
				'Beyrichia' kloedeni infecta	1
				'Beyrichia' kloedeni	1
				'Ulrichia'? sp.	1
				'Cypridina' grayae	
				'Primitia' girvanensis	2
				'Sulcuna' preacurrens	2
				'Aparchites' leperditoides	3
				'Aparchites' subovatus	2
				'Beyrichia' impar	1
				'Primitia' mundula var. fimbriata	1
				'Primitia' grayae	1
				'Ulrichia' girvanensis	1
				'Beyrichia' kloedeni	2
Balclatchie Formation	?	External moulds and 'crack-out' ostracod material	Single locality	Balticella deckeri	1
				Eurychilina sunbloodensis	1

Appendix 7. Table showing the abundance of all ostracod species across all samples.