

Table S1: List of species including voucher's specimen number, species name, locality information, and GenBank accession number

Family	Species	Voucher Specimen Number	Locality	Latitude	Longitude	GenBank Accession Number
Brahmaeidae						
	<i>Dactyloceras lucina</i> 1	MTCR057	Nigeria; CRNP; Oban Division: Nsan community	5.30123	8.346	MN883729
	<i>D. lucina</i> 2	MTCR058	Nigeria; CRNP; Oban Division: Nsan community	5.30123	8.346	MN883730
	<i>D. lucina</i> 3	MTCR059	Nigeria; CRNP; Oban Division: Nsan community	5.34231	8.3481	MN883731
	<i>D. lucina</i> 4	MTCR060	Nigeria; CRNP; Oban Division: Nsan community	5.34762	8.34901	MN883732
Crambidae						
	<i>Cadarena sinuata</i> 1	MTCR065	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883737
	<i>C. sinuata</i> 2	MTCR066	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883738
	<i>C. sinuata</i> 3	MTCR067	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883739
	<i>C. sinuata</i> 4	MTCR068	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883740
	<i>Palpita</i> sp 1	MTCR105	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883777
	<i>Palpita</i> sp 2	MTCR106	Nigeria; CRNP; Oban Division: Nsan community	5.46842	8.42654	MN883778
	<i>Palpita</i> sp 3	MTCR107	Nigeria; CRNP; Oban Division: Nsan community	5.51325	8.42765	MN883779
	<i>Palpita</i> sp 4	MTCR108	Nigeria; CRNP; Oban Division: Nsan community	5.52346	8.45437	MN883780

<i>Palpita</i> sp 5	MTCR117	Nigeria; CRNP; Oban Division: Nsan community	5.52346	8.45437	MN883789
<i>Palpita</i> sp 6	MTCR118	Nigeria; CRNP; Oban Division: Nsan community	5.52346	8.45437	MN883790
<i>Palpita</i> sp 7	MTCR119	Nigeria; CRNP; Oban Division: Nsan community	5.54109	8.46753	MN883791
<i>Palpita</i> sp 8	MTCR120	Nigeria; CRNP; Oban Division: Nsan community	5.54109	8.46753	MN883792
<i>Palpita</i> sp 9	MTCR121	Nigeria; CRNP; Oban Division: Nsan community	5.55687	8.48234	MN883793
<i>Palpita</i> sp 10	MTCR122	Nigeria; CRNP; Oban Division: Nsan community	5.57234	8.48678	MN883794
<i>Palpita</i> sp 11	MTCR123	Nigeria; CRNP; Oban Division: Nsan community	5.57234	8.48678	MN883795
<i>Palpita</i> sp 12	MTCR124	Nigeria; CRNP; Oban Division: Nsan community	5.57234	8.48678	MN883796
<i>Palpita</i> sp 13	MTCR141	Nigeria; CRNP; Oban Division: Nsan community	5.59265	8.49723	MN883813
<i>Palpita</i> sp 14	MTCR142	Nigeria; CRNP; Oban Division: Nsan community	5.59265	8.50765	MN883814
<i>Palpita</i> sp 15	MTCR143	Nigeria; CRNP; Oban Division: Nsan community	5.60423	8.58923	MN883815
<i>Palpita</i> sp 16	MTCR144	Nigeria; CRNP; Oban Division: Nsan community	5.60865	8.59432	MN883816
<i>Hodebertia</i> sp 1	MTCR113	Nigeria; CRNP; Oban Division: Nsan community	5.60865	8.59432	MN883785
<i>Hodebertia</i> sp 2	MTCR114	Nigeria; CRNP; Oban Division: Nsan community	5.61285	8.59943	MN883786
<i>Hodebertia</i> sp 3	MTCR115	Nigeria; CRNP; Oban Division: Nsan community	5.61285	8.59943	MN883787
<i>Hodebertia</i> sp 4	MTCR116	Nigeria; CRNP; Oban Division: Nsan community	5.61285	8.59943	MN883788

Erebidae

<i>Arctia</i> sp 1	MTCR037	Nigeria; CRNP; Oban Division: Nsan community	5.61766	8.60019	MN883709
<i>Arctia</i> sp 2	MTCR038	Nigeria; CRNP; Oban Division: Nsan community	5.61986	8.60052	MN883710
<i>Arctia</i> sp 3	MTCR039	Nigeria; CRNP; Oban Division: Nsan community	5.61986	8.60052	MN883711
<i>Arctia</i> sp 4	MTCR040	Nigeria; CRNP; Oban Division: Nsan community	5.61986	8.60052	MN883712
<i>Arctia</i> sp 5	MTCR073	Nigeria; CRNP; Oban Division: Nsan community	5.62054	8.60121	MN883745
<i>Arctia</i> sp 6	MTCR074	Nigeria; CRNP; Oban Division: Nsan community	5.62054	8.60121	MN883746
<i>Arctia</i> sp 7	MTCR075	Nigeria; CRNP; Oban Division: Nsan community	5.62065	8.60165	MN883747
<i>Arctia</i> sp 8	MTCR076	Nigeria; CRNP; Oban Division: Nsan community	5.34762	8.34901	MN883748
<i>Euchromia lethe</i> 1	MTCR001	Nigeria; CRNP; Oban Division: Erokut Park	5.21243	8.26067	MN883673
<i>E. lethe</i> 2	MTCR002	Nigeria; CRNP; Oban Division: Erokut Park	5.21243	8.26067	MN883674
<i>E. lethe</i> 3	MTCR003	Nigeria; CRNP; Oban Division: Erokut Park	5.21243	8.26067	MN883675
<i>E. lethe</i> 4	MTCR004	Nigeria; CRNP; Oban Division: Erokut Park	5.21243	8.26067	MN883676
<i>E. lethe</i> 5	MTCR005	Nigeria; CRNP; Oban Division: Erokut Park	5.21376	8.26345	MN883677
<i>E. lethe</i> 6	MTCR006	Nigeria; CRNP; Oban Division: Erokut Park	5.21376	8.26345	MN883678

<i>E. lethe</i> 7	MTCR007	Nigeria; CRNP; Oban Division: Erokut Park	5.21376	8.26345	MN883679
<i>E. lethe</i> 8	MTCR008	Nigeria; CRNP; Oban Division: Erokut Park	5.21376	8.26345	MN883680
<i>E. lethe</i> 9	MTCR009	Nigeria; CRNP; Oban Division: Erokut Park	5.21432	8.26541	MN883681
<i>E. lethe</i> 10	MTCR010	Nigeria; CRNP; Oban Division: Erokut Park	5.21432	8.26541	MN883682
<i>E. lethe</i> 11	MTCR011	Nigeria; CRNP; Oban Division: Erokut Park	5.21432	8.26541	MN883683
<i>E. lethe</i> 12	MTCR012	Nigeria; CRNP; Oban Division: Erokut Park	5.21432	8.26541	MN883684
<i>E. lethe</i> 13	MTCR013	Nigeria; CRNP; Oban Division: Erokut Park	5.21432	8.26541	MN883685
<i>E. lethe</i> 14	MTCR014	Nigeria; CRNP; Oban Division: Erokut Park	5.21564	8.26672	MN883686
<i>E. lethe</i> 15	MTCR015	Nigeria; CRNP; Oban Division: Erokut Park	5.21564	8.26672	MN883687
<i>E. lethe</i> 16	MTCR016	Nigeria; CRNP; Oban Division: Erokut Park	5.21564	8.26672	MN883688
<i>E. lethe</i> 17	MTCR017	Nigeria; CRNP; Oban Division: Erokut Park	5.21564	8.26672	MN883689
<i>E. lethe</i> 18	MTCR018	Nigeria; CRNP; Oban Division: Erokut Park	5.2189	8.2646	MN883690
<i>E. lethe</i> 19	MTCR019	Nigeria; CRNP; Oban Division: Erokut Park	5.2189	8.2646	MN883691
<i>E. lethe</i> 20	MTCR020	Nigeria; CRNP; Oban Division: Erokut Park	5.2189	8.2646	MN883692
<i>E. lethe</i> 21	MTCR081	Nigeria; CRNP; Oban Division: Nsan community	5.61654	8.60013	MN883753
<i>E. lethe</i> 22	MTCR082	Nigeria; CRNP; Oban Division: Nsan community	5.61766	8.60019	MN883754

<i>E. lethe</i> 23	MTCR083	Nigeria; CRNP; Oban Division: Nsan community	5.62065	8.60165	MN883755
<i>E. lethe</i> 24	MTCR084	Nigeria; CRNP; Oban Division: Nsan community	5.62065	8.60165	MN883756
<i>E. lethe</i> 25	MTCR085	Nigeria; CRNP; Oban Division: Nsan community	5.62088	8.60201	MN883757
<i>E. lethe</i> 26	MTCR086	Nigeria; CRNP; Oban Division: Nsan community	5.62088	8.60201	MN883758
<i>E. lethe</i> 27	MTCR087	Nigeria; CRNP; Oban Division: Nsan community	5.62088	8.60201	MN883759
<i>E. lethe</i> 28	MTCR088	Nigeria; CRNP; Oban Division: Nsan community	5.62134	8.60254	MN883760
<i>E. lethe</i> 29	MTCR097	Nigeria; CRNP; Oban Division: Nsan community	5.62134	8.60254	MN883769
<i>E. lethe</i> 30	MTCR098	Nigeria; CRNP; Oban Division: Nsan community	5.62189	8.60276	MN883770
<i>E. lethe</i> 31	MTCR099	Nigeria; CRNP; Oban Division: Nsan community	5.62203	8.60281	MN883771
<i>E. lethe</i> 32	MTCR100	Nigeria; CRNP; Oban Division: Nsan community	5.62303	8.60314	MN883772
<i>Nyctemera leuconoe</i> 1	MTCR021	Nigeria; CRNP; Oban Division: Erokut Park	5.21564	8.26672	MN883693
<i>N. leuconoe</i> 2	MTCR022	Nigeria; CRNP; Oban Division: Erokut Park	5.21564	8.26672	MN883694
<i>N. leuconoe</i> 3	MTCR023	Nigeria; CRNP; Oban Division: Erokut Park	5.21564	8.26672	MN883695
<i>N. leuconoe</i> 4	MTCR024	Nigeria; CRNP; Oban Division: Erokut Park	5.21564	8.26672	MN883696
<i>N. leuconoe</i> 5	MTCR109	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883781
<i>N. leuconoe</i> 6	MTCR110	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883782

<i>N. leuconoe</i> 7	MTCR111	Nigeria; CRNP; Oban Division: Nsan community	5.62763	8.62345	MN883783
<i>N. leuconoe</i> 8	MTCR112	Nigeria; CRNP; Oban Division: Nsan community	5.62763	8.62345	MN883784
<i>N. leuconoe</i> 9	MTCR137	Nigeria; CRNP; Oban Division: Nsan community	5.62763	8.62345	MN883809
<i>N. leuconoe</i> 10	MTCR138	Nigeria; CRNP; Oban Division: Nsan community	5.62875	8.62765	MN883810
<i>N. leuconoe</i> 11	MTCR139	Nigeria; CRNP; Oban Division: Nsan community	5.62875	8.62765	MN883811
<i>N. leuconoe</i> 12	MTCR140	Nigeria; CRNP; Oban Division: Nsan community	5.63976	8.62954	MN883812
<i>Polydesma umbricola</i> 1	MTCR029	Nigeria; CRNP; Oban Division: Nsan community	5.64001	8.62957	MN883701
<i>P. umbricola</i> 2	MTCR030	Nigeria; CRNP; Oban Division: Nsan community	5.64254	8.63014	MN883702
<i>P. umbricola</i> 3	MTCR031	Nigeria; CRNP; Oban Division: Nsan community	5.64254	8.63014	MN883703
<i>P. umbricola</i> 4	MTCR032	Nigeria; CRNP; Oban Division: Nsan community	5.64254	8.63014	MN883704
<i>Otroeda</i> sp 1	MTCR033	Nigeria; CRNP; Oban Division: Nsan community	5.64582	8.63467	MN883705
<i>Otroeda</i> sp 2	MTCR034	Nigeria; CRNP; Oban Division: Nsan community	5.64799	8.63761	MN883706
<i>Otroeda</i> sp 3	MTCR035	Nigeria; CRNP; Oban Division: Nsan community	5.64799	8.63761	MN883707
<i>Otroeda</i> sp 4	MTCR036	Nigeria; CRNP; Oban Division: Nsan community	5.64799	8.63761	MN883708
<i>Otroeda</i> sp 5	MTCR045	Nigeria; CRNP; Oban Division: Nsan community	5.64965	8.63974	MN883717
<i>Otroeda</i> sp 6	MTCR046	Nigeria; CRNP; Oban Division: Nsan community	5.64993	8.63724	MN883718

<i>Otroeda</i> sp 7	MTCR047	Nigeria; CRNP; Oban Division: Nsan community	5.64993	8.63724	MN883719
<i>Otroeda</i> sp 8	MTCR048	Nigeria; CRNP; Oban Division: Nsan community	5.62065	8.60165	MN883720
<i>Otroeda</i> sp 9	MTCR125	Nigeria; CRNP; Oban Division: Nsan community	5.64799	8.63761	MN883797
<i>Otroeda</i> sp 10	MTCR126	Nigeria; CRNP; Oban Division: Nsan community	5.62088	8.60201	MN883798
<i>Otroeda</i> sp 11	MTCR127	Nigeria; CRNP; Oban Division: Nsan community	5.62088	8.60201	MN883799
<i>Otroeda</i> sp 12	MTCR128	Nigeria; CRNP; Oban Division: Nsan community	5.62763	8.62345	MN883800
<i>Otroeda</i> sp 13	MTCR129	Nigeria; CRNP; Oban Division: Nsan community	5.62134	8.60254	MN883801
<i>Otroeda</i> sp 14	MTCR130	Nigeria; CRNP; Oban Division: Nsan community	5.62189	8.60276	MN883802
<i>Otroeda</i> sp 15	MTCR131	Nigeria; CRNP; Oban Division: Nsan community	5.62203	8.60281	MN883803
<i>Otroeda</i> sp 16	MTCR132	Nigeria; CRNP; Oban Division: Nsan community	5.62763	8.62345	MN883804
<i>Deinypena</i> sp 1	MTCR053	Nigeria; CRNP; Oban Division: Nsan community	5.62763	8.62345	MN883725
<i>Deinypena</i> sp 2	MTCR054	Nigeria; CRNP; Oban Division: Nsan community	5.62303	8.60314	MN883726
<i>Deinypena</i> sp 3	MTCR055	Nigeria; CRNP; Oban Division: Nsan community	5.62134	8.60254	MN883727
<i>Deinypena</i> sp 4	MTCR056	Nigeria; CRNP; Oban Division: Nsan community	5.57234	8.48678	MN883728
<i>Deinypena lacista</i> 1	MTCR069	Nigeria; CRNP; Oban Division: Nsan community	5.57234	8.48678	MN883741
<i>D. lacista</i> 2	MTCR070	Nigeria; CRNP; Oban Division: Nsan community	5.62088	8.60201	MN883742

<i>D. lacista</i> 3	MTCR071	Nigeria; CRNP; Oban Division: Nsan community	5.55687	8.48234	MN883743
<i>D. lacista</i> 4	MTCR072	Nigeria; CRNP; Oban Division: Nsan community	5.57234	8.48678	MN883744
<i>D. lacista</i> 5	MTCR077	Nigeria; CRNP; Oban Division: Nsan community	5.57234	8.48678	MN883749
<i>D. lacista</i> 6	MTCR078	Nigeria; CRNP; Oban Division: Nsan community	5.57234	8.48678	MN883750
<i>D. lacista</i> 7	MTCR079	Nigeria; CRNP; Oban Division: Nsan community	5.59265	8.49723	MN883751
<i>D. lacista</i> 8	MTCR080	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883752
<i>D. lacista</i> 9	MTCR145	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883817
<i>D. lacista</i> 10	MTCR146	Nigeria; CRNP; Oban Division: Nsan community	5.51325	8.42765	MN883818
<i>D. lacista</i> 11	MTCR147	Nigeria; CRNP; Oban Division: Nsan community	5.64799	8.63761	MN883819
<i>D. lacista</i> 12	MTCR148	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883820
<i>D. lacista</i> 13	MTCR149	Nigeria; CRNP; Oban Division: Nsan community	5.52346	8.45437	MN883821
<i>D. lacista</i> 14	MTCR150	Nigeria; CRNP; Oban Division: Nsan community	5.52346	8.45437	MN883822
<i>D. lacista</i> 15	MTCR151	Nigeria; CRNP; Oban Division: Nsan community	5.52346	8.45437	MN883823
<i>D. lacista</i> 16	MTCR152	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883824
<i>Mocis mayeri</i> 1	MTCR089	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883761
<i>M. mayeri</i> 2	MTCR090	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883762

Geometridae	<i>M. mayeri</i> 3	MTCR091	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883763
	<i>M. mayeri</i> 4	MTCR092	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883764
	<i>Scopula transsecta</i> 1	MTCR025	Nigeria; CRNP; Oban Division: Nsan community	5.64799	8.63761	MN883697
	<i>S. transsecta</i> 2	MTCR026	Nigeria; CRNP; Oban Division: Nsan community	5.34762	8.34901	MN883698
	<i>S. transsecta</i> 3	MTCR027	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883699
	<i>S. transsecta</i> 4	MTCR028	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883700
	<i>Amnemopsyche</i> sp 1	MTCR133	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883805
	<i>Amnemopsyche</i> sp 2	MTCR134	Nigeria; CRNP; Oban Division: Nsan community	5.30123	8.346	MN883806
	<i>Amnemopsyche</i> sp 3	MTCR135	Nigeria; CRNP; Oban Division: Nsan community	5.30123	8.346	MN883807
	<i>Amnemopsyche</i> sp 4	MTCR136	Nigeria; CRNP; Oban Division: Nsan community	5.34231	8.3481	MN883808
	<i>Archichlora viridimacula</i> 1	MTCR049	Nigeria; CRNP; Oban Division: Nsan community	5.34762	8.34901	MN883721
	<i>A. viridimacula</i> 2	MTCR050	Nigeria; CRNP; Oban Division: Nsan community	5.34762	8.34901	MN883722
	<i>A. viridimacula</i> 3	MTCR051	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883723
	<i>A. viridimacula</i> 4	MTCR052	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883724
	<i>Erastria albosignata</i> 1	MTCR041	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883713

<i>E. albosignata</i> 2	MTCR042	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883714
<i>E. albosignata</i> 3	MTCR043	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883715
<i>E. albosignata</i> 4	MTCR044	Nigeria; CRNP; Oban Division: Nsan community	5.46842	8.42654	MN883716
<i>E. albosignata</i> 5	MTCR093	Nigeria; CRNP; Oban Division: Nsan community	5.51325	8.42765	MN883765
<i>E. albosignata</i> 6	MTCR094	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883766
<i>E. albosignata</i> 7	MTCR095	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883767
<i>E. albosignata</i> 8	MTCR096	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883768

Uraniidae

<i>Acropteris costinigrata</i> 1	MTCR101	Nigeria; CRNP; Oban Division: Nsan community	5.64799	8.63761	MN883773
<i>A. costinigrata</i> 2	MTCR102	Nigeria; CRNP; Oban Division: Nsan community	5.38097	8.37354	MN883774
<i>A. costinigrata</i> 3	MTCR103	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883775
<i>A. costinigrata</i> 4	MTCR104	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883776
<i>Dissoprugna erycinaria</i> 1	MTCR061	Nigeria; CRNP; Oban Division: Nsan community	5.339	8.377	MN883733
<i>D. erycinaria</i> 2	MTCR062	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883734
<i>D. erycinaria</i> 3	MTCR063	Nigeria; CRNP; Oban Division: Nsan community	5.40245	8.39875	MN883735
<i>D. erycinaria</i> 4	MTCR064	Nigeria; CRNP; Oban Division: Nsan community	5.30123	8.346	MN883736

Note: CRNP = Cross River National Park