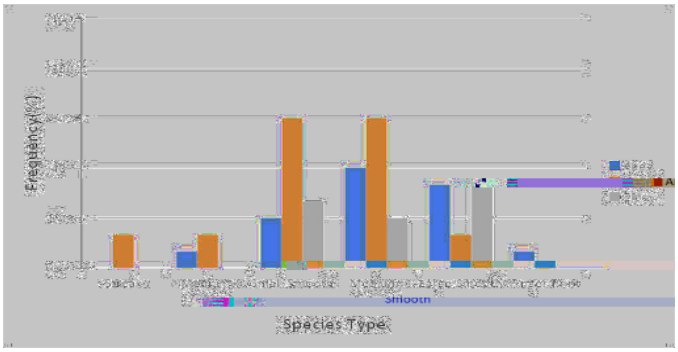

!"#$%&'*)'1,+06$+:'+"(80%60+2(,0-7+()+-0$+(%$&+&06$%;0(%'"#)"40#,+0"';5+$02"&0#87+0%60-7+()+-06$%;0<=0-2;7/+-9'9,/*"#.)#26/'27')3,'0#/<)#64:#/3,0'/.,*#,/'%",'%+264')3,'?<%?#/'5%/,0'26')3,'",/,%"*3,"%/'1#,;'27'0#/)#6*)'$2".32<*3%"%*),"#/)#*/8'H3,'&<%?#/'0,62),/'7",@:,6*&'fgh8

Frequency analysis of the six species present in the forty-ýve sam< .+,/')%I,6'/32;,0')3%)')3,'%"$.#)'%60')3,'I6,,'3%0')3,'$%?#$:$'/.,<*#,/')&..,/'AF'2:)'27'E6='; 3#+,')3,';+52;'/%$.+,/'26+&'*26)%#6,0'_'2:)'27'E'A>#4:",'Q8'H3,'$2/)'*2$$26'/.,*#,/'%*"2//'%++')3",,'+2*%)#26/';,",')3,'/$%++</$22)3=' $,0#:$</$22)3=' %60'+%"4,</$22)3' *#"*+,/8'Large-smooth circle distribution was found to be signiýcant (ANO< b(T'>Q=[Q'c'R8RF=' .c'R8D[DG';3#+,')3,'$,0#:$</$22)3'*#"*+,'0#/)"#5:)#26'A(aJb(T'>Q=[Q'c'_8_V=' .dcR8R[[G'%60')3,'/$%++</$22)3'*#"*+,'0#/)"#< butions (ANOVA: F2,42 =6.88, p*= 0.003) were found to be signiýcant. H3",,')<),/)/';,",'.,"72"$,0'5,);,,6',%*3'27')3,'+2*%)#26/'26')3,'520&'72"'52)3')3,'$,0#:$</$22)3'%60'/$%++</$22)3'*#"*+,/8'S%*3'27')3,'$,< dium-smooth location comparisons were not found to have signiýcance A!%#",0')<),/)(ST')07'c'C8M_=' .c'R8CRF=' !%#",0')<),/)(XT')07'c'C8DQ=' .c'R8RME=' !%#",0')<),/)SXT')07'c'C8DQ=' .c'R8RMEG='#60#*%),0'5&')3,'$,%6'%5:60%6*<,/'$,%/:",0'#6'>#4:",'_8'J7')3,'/$%++</$22)3'*#"*+,'0%)%='*2$.%"#/26/'5,);,,6')3,'%"$.#)'%60')3,',+52;'A!%#",0')<),/)T')07'c'Q8F[=' .dc'R8RQ[G='%/';,++'%/')3,'%"$.#)'%60')3,'I6,,'A!%#",0')<),/)T')07'c'Q8EV=' .dc'R8RCVG=' both were found to be signiýcant, while the compared abundances be< tween the elbow and knee were insigniýcant (Paired t-test: tdf = 0.97, .c'R8_[EG='%/'/32;6'#6'>#4:",'[8'H3,'/$%++</$22)3'*#"*+,/'3%0'4",%),"' .",7,",6)#%+'%5:60%6*,'26')3,'%"$.#)')3%6'52)3')3,'%"$.#)'%60')3,'I6,,8

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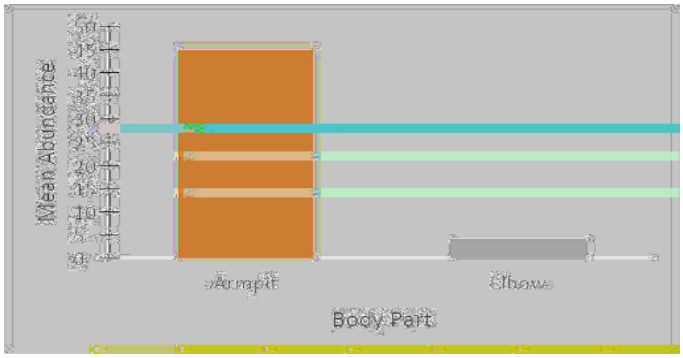

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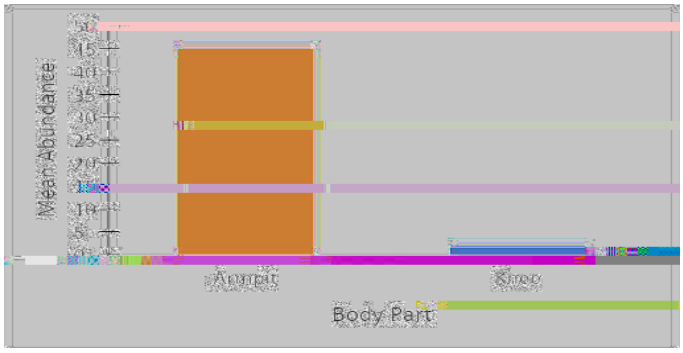

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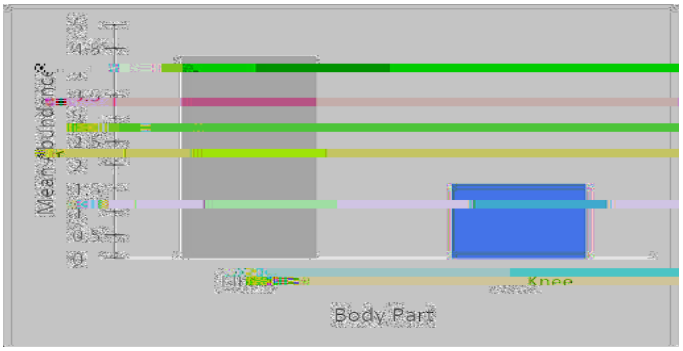

**!"#$%&'+)0*+2"025'"&2"(+0%60;+&)';A-;%%#,0()$('/2$0-7+()+-9'**N2$.%"#/26'27'$,0#:$'/$22)3'/.,*#,/'5,);,,6'A(G'%"$.#)'%60',+52;='!%#",0')<),/)T')07'c'C8M_=' .c'R8CRFi'AUG'%"$.#)'%60'I6,,='!%#",0')<),/)T')07'c'C8DQ=' .c'R8RMEi'ANG',+52;'%60'I6,,='!%#",0')<),/)T')07'c'R8E_=' .c'R8F[Q8

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**!"#$%&',)'*+2"025'"&2"(+0%60-;2//A-;%%#,0()$('/2$0-7+()+-0B)#,0-)4")6A)(2"#0&2#20)"&)(2#+&0580C9'N2$.%"#/26'27'0#77,",6*,/'5,);,,6'A(G%"$.#)%60',+52;='!%#",0')<),/)T')07'c'Q8F[=' .dc'R8RQ[i'AUG'%"$.#)'%60'I6,,='!%#",0')<),/)T')07'c'Q8EV=' .dc'R8RCVi'ANG',+52;'%60'I6,,='!%#",0')<),/)T')07'c'R8DM=' .c'R8_[E8

D)-('--)%"

Z3#+,')3,'3&.2)3,/,/' .2/#),0')3%)')3,'%"$.#)';2:+0'3%1,')3,'4",%),/)'%$2:6)'27'/.,*#,/'0#1,"/#)&='/.,*#,/'"#*36,//'0%)%';,",'62)'72:60')2'5,'

signiýcant. However, despite the insigniýcant species richness value, the %"$.#)';%/'72:60')2'3%1,')3,'3#43,/)'7",@:,6*&'27'/.,*#,/'A>#4:",'QG'%60')3,'4",%),/)')2)%+'%5:60%6*,'A>#4:",'CG'27')3,')3",,'/%$.+,0'+2*%)#26/8'(0<0#)#26%+&=')3,'%"$.#)'0#0'3%1,')3,'4",%),/)'*%+*:+%),0'0#1,"/#)&'#60,?8'P2;<

ever, this also was not found to be statistically signiýcant. Based on these