Supplementary Table 1: Collection localities, Auburn University Museum of Natural History, and SRA accession numbers.

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| --- | --- | --- | --- |
| Lab Number | Locality | AUMNH Catalog Number | NCBI SRA accession |
| Lcom\_pop01 | Cahaba River at old Marvel slab | 45652 | SRR11773571 |
| Lcom\_pop02 | Cahaba River at old Marvel slab | 45653 | SRR11773570 |
| Lcom\_pop03 | Cahaba River at old Marvel slab | 45654 | SRR11773559 |
| Lcom\_pop04 | Cahaba River at old Marvel slab | 45655 | SRR11773548 |
| Lcom\_pop05 | Cahaba River at old Marvel slab | 45656 | SRR11773537 |
| Lcom\_pop06 | Cahaba River at old Marvel slab | 45657 | SRR11773604 |
| Lcom\_pop08 | Cahaba River at old Marvel slab | 45658 | SRR11773593 |
| Lcom\_pop09 | Cahaba River at old Marvel slab | 45659 | SRR11773582 |
| Lcom\_pop10 | Cahaba River at old Marvel slab | 45660 | SRR11773573 |
| Lcom\_pop11 | Cahaba River at old Marvel slab | 45661 | SRR11773572 |
| Lcom\_pop12 | Cahaba River at old Marvel slab | 45662 | SRR11773569 |
| Lcom\_pop13 | Cahaba River at old Marvel slab | 45663 | SRR11773568 |
| Lcom\_pop14 | Cahaba River at old Marvel slab | 45664 | SRR11773567 |
| Lcom\_pop15 | Cahaba River at old Marvel slab | 45665 | SRR11773566 |
| Lcom\_pop16 | Cahaba River at old Marvel slab | 45666 | SRR11773565 |
| Lcom\_pop17 | Cahaba River at old Marvel slab | 45667 | SRR11773564 |
| Lcom\_pop18 | Cahaba River at old Marvel slab | 45668 | SRR11773563 |
| Lcom\_pop19 | Cahaba River at old Marvel slab | 45669 | SRR11773562 |
| Lcom\_pop20 | Cahaba River at old Marvel slab | 45670 | SRR11773561 |
| Lcom\_pop21 | Cahaba River at above Shades Creek | 45671 | SRR11773560 |
| Lcom\_pop22 | Cahaba River at above Shades Creek | 45672 | SRR11773558 |
| Lcom\_pop23 | Cahaba River at above Shades Creek | 45673 | SRR11773557 |
| Lcom\_pop24 | Cahaba River at above Shades Creek | 45674 | SRR11773556 |
| Lcom\_pop25 | Cahaba River at above Shades Creek | 45675 | SRR11773555 |
| Lcom\_pop26 | Cahaba River at above Shades Creek | 45676 | SRR11773554 |
| Lcom\_pop27 | Cahaba River at above Shades Creek | 45677 | SRR11773553 |
| Lcom\_pop28 | Cahaba River at above Shades Creek | 45678 | SRR11773552 |
| Lcom\_pop29 | Cahaba River at above Shades Creek | 45679 | SRR11773551 |
| Lcom\_pop30 | Cahaba River at above Shades Creek | 45680 | SRR11773550 |
| Lcom\_pop31 | Cahaba River at above Shades Creek | 45681 | SRR11773549 |
| Lcom\_pop32 | Cahaba River at above Shades Creek | 45682 | SRR11773547 |
| Lcom\_pop33 | Cahaba River at above Shades Creek | 45683 | SRR11773546 |
| Lcom\_pop34 | Cahaba River at above Shades Creek | 45684 | SRR11773545 |
| Lcom\_pop35 | Cahaba River at above Shades Creek | 45685 | SRR11773544 |
| Lcom\_pop36 | Cahaba River at above Shades Creek | 45686 | SRR11773543 |
| Lcom\_pop37 | Cahaba River at above Shades Creek | 45687 | SRR11773542 |
| Lcom\_pop38 | Cahaba River at above Shades Creek | 45688 | SRR11773541 |
| Lcom\_pop39 | Cahaba River at above Shades Creek | 45689 | SRR11773540 |
| Lcom\_pop40 | Cahaba River at above Shades Creek | 45690 | SRR11773539 |
| Lcom\_pop41 | Cahaba River at Booth's Ford | 45691 | SRR11773538 |
| Lcom\_pop42 | Cahaba River at Booth's Ford | 45692 | SRR11773536 |
| Lcom\_pop44 | Cahaba River at Booth's Ford | 45693 | SRR11773613 |
| Lcom\_pop45 | Cahaba River at Booth's Ford | 45694 | SRR11773612 |
| Lcom\_pop46 | Cahaba River at Booth's Ford | 45695 | SRR11773611 |
| Lcom\_pop47 | Cahaba River at Booth's Ford | 45696 | SRR11773610 |
| Lcom\_pop48 | Cahaba River at Booth's Ford | 45697 | SRR11773609 |
| Lcom\_pop49 | Cahaba River at Booth's Ford | 45698 | SRR11773608 |
| Lcom\_pop50 | Cahaba River at Booth's Ford | 45699 | SRR11773607 |
| Lcom\_pop51 | Cahaba River at Booth's Ford | 45700 | SRR11773606 |
| Lcom\_pop52 | Cahaba River at Booth's Ford | 45701 | SRR11773605 |
| Lcom\_pop53 | Cahaba River at Booth's Ford | 45702 | SRR11773603 |
| Lcom\_pop54 | Cahaba River at Booth's Ford | 45703 | SRR11773602 |
| Lcom\_pop55 | Cahaba River at Booth's Ford | 45704 | SRR11773601 |
| Lcom\_pop56 | Cahaba River at Booth's Ford | 45705 | SRR11773600 |
| Lcom\_pop57 | Cahaba River at Booth's Ford | 45706 | SRR11773599 |
| Lcom\_pop58 | Cahaba River at Booth's Ford | 45707 | SRR11773598 |
| Lcom\_pop59 | Cahaba River at Booth's Ford | 45708 | SRR11773597 |
| Lcom\_pop60 | Cahaba River at Booth's Ford | 45709 | SRR11773596 |
| Lcom\_pop61 | Cahaba River at Lebron canoe launch | 45710 | SRR11773595 |
| Lcom\_pop62 | Cahaba River at Lebron canoe launch | 45711 | SRR11773594 |
| Lcom\_pop63 | Cahaba River at Lebron canoe launch | 45712 | SRR11773592 |
| Lcom\_pop64 | Cahaba River at Lebron canoe launch | 45713 | SRR11773591 |
| Lcom\_pop65 | Cahaba River at Lebron canoe launch | 45714 | SRR11773590 |
| Lcom\_pop66 | Cahaba River at Lebron canoe launch | 45715 | SRR11773589 |
| Lcom\_pop67 | Cahaba River at Lebron canoe launch | 45716 | SRR11773588 |
| Lcom\_pop68 | Cahaba River at Lebron canoe launch | 45717 | SRR11773587 |
| Lcom\_pop69 | Cahaba River at Lebron canoe launch | 45718 | SRR11773586 |
| Lcom\_pop70 | Cahaba River at Lebron canoe launch | 45719 | SRR11773585 |
| Lcom\_pop71 | Cahaba River at Lebron canoe launch | 45720 | SRR11773584 |
| Lcom\_pop72 | Cahaba River at Lebron canoe launch | 45721 | SRR11773583 |
| Lcom\_pop73 | Cahaba River at Lebron canoe launch | 45722 | SRR11773581 |
| Lcom\_pop74 | Cahaba River at Lebron canoe launch | 45723 | SRR11773580 |
| Lcom\_pop75 | Cahaba River at Lebron canoe launch | 45724 | SRR11773579 |
| Lcom\_pop76 | Cahaba River at Lebron canoe launch | 45725 | SRR11773578 |
| Lcom\_pop77 | Cahaba River at Lebron canoe launch | 45726 | SRR11773577 |
| Lcom\_pop78 | Cahaba River at Lebron canoe launch | 45727 | SRR11773576 |
| Lcom\_pop79 | Cahaba River at Lebron canoe launch | 45728 | SRR11773575 |
| Lcom\_pop80 | Cahaba River at Lebron canoe launch | 45729 | SRR11773574 |