**Supplementary**

**Figure S1**. Specimen of Giant Sequoia (*Sequoiadendron giganteum*) from the Laboratory of Tree-Ring Research Collection and Archives, University of Arizona, used in this study.



**Table S1**. Radiocarbon sequence 835-778 BC measured from Giant Sequoia rings at the Institute of Nuclear Research in Debrecen, Hungary.

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year BC | Years BP | 14C Age | Error | Delta 14C | Error |
|  |  |  |  |  |  |
| 835 | 2784 | 2721 | 17 | -1.97 | 2.12 |
| 834 | 2783 | 2716 | 17 | -1.46 | 2.12 |
| 833 | 2782 | 2719 | 17 | -1.96 | 2.12 |
| 832 | 2781 | 2746 | 17 | -5.43 | 2.12 |
| 831 | 2780 | 2706 | 16 | -0.58 | 1.99 |
| 830 | 2779 | 2706 | 17 | -0.70 | 2.12 |
| 829 | 2778 | 2653 | 17 | 5.79 | 2.12 |
| 828 | 2777 | 2679 | 17 | 2.42 | 2.12 |
| 827 | 2776 | 2679 | 17 | 2.30 | 2.12 |
| 826 | 2775 | 2697 | 17 | -0.07 | 2.12 |
| 825 | 2774 | 2728 | 17 | -4.04 | 2.12 |
| 824 | 2773 | 2710 | 17 | -1.93 | 2.12 |
| 823 | 2772 | 2717 | 20 | -2.92 | 2.49 |
| 822 | 2771 | 2697 | 20 | -0.55 | 2.49 |
| 821 | 2770 | 2732 | 20 | -5.02 | 2.49 |
| 820 | 2769 | 2702 | 20 | -1.42 | 2.49 |
| 819 | 2768 | 2690 | 20 | -0.04 | 2.49 |
| 818 | 2767 | 2652 | 20 | 4.58 | 2.49 |
| 817 | 2766 | 2684 | 20 | 0.46 | 2.49 |
| 816 | 2765 | 2692 | 20 | -0.66 | 2.49 |
| 815 | 2764 | 2662 | 20 | 2.96 | 2.49 |
| 814 | 2763 | 2737 | 20 | -6.48 | 2.49 |
| 813 | 2762 | 2689 | 28 | -0.64 | 3.49 |
| 812 | 2761 | 2,690 | 20 | -0.89 | 2.49 |
| 811 | 2760 | 2,673 | 19 | 1.11 | 2.38 |
| 810 | 2759 | 2,692 | 20 | -1.38 | 2.49 |
| 809 | 2758 | 2,685 | 20 | -0.63 | 2.49 |
| 808 | 2757 | 2,675 | 18 | 0.49 | 2.26 |
| 807 | 2756 | 2,661 | 18 | 2.12 | 2.27 |
| 806 | 2755 | 2,638 | 18 | 4.87 | 2.28 |
| 805 | 2754 | 2,651 | 19 | 3.12 | 2.30 |
| 804 | 2753 | 2,606 | 18 | 8.64 | 2.23 |
| 803 | 2752 | 2,623 | 18 | 6.38 | 2.19 |
| 802 | 2751 | 2,609 | 19 | 8.02 | 2.37 |
| 801 | 2750 | 2,637 | 35 | 4.39 | 4.36 |
| 800 | 2749 | 2,617 | 30 | 6.77 | 3.73 |
| 799 | 2748 | 2,613 | 35 | 7.15 | 4.36 |
| 798 | 2747 | 2,610 | 15 | 7.40 | 1.87 |
| 797 | 2746 | 2,619 | 19 | 6.21 | 2.37 |
| 796 | 2745 | 2,605 | 19 | 7.80 | 2.37 |
| 795 | 2744 | 2,633 | 19 | 4.14 | 2.38 |
| 794 | 2743 | 2,619 | 19 | 5.84 | 2.32 |
| 793 | 2742 | 2,606 | 19 | 7.34 | 2.39 |
| 792 | 2741 | 2,615 | 19 | 6.10 | 2.38 |
| 791 | 2740 | 2,584 | 19 | 9.82 | 2.37 |
| 790 | 2739 | 2,614 | 19 | 5.99 | 2.39 |
| 789 | 2738 | 2,600 | 19 | 7.56 | 2.40 |
| 788 | 2737 | 2,608 | 19 | 6.43 | 2.42 |
| 787 | 2736 | 2,620 | 19 | 4.86 | 2.36 |
| 786 | 2735 | 2,584 | 20 | 9.16 | 2.50 |
| 785 | 2734 | 2,618 | 21 | 4.81 | 2.59 |
| 784 | 2733 | 2,593 | 20 | 7.79 | 2.54 |
| 783 | 2732 | 2,578 | 20 | 9.59 | 2.55 |
| 782 | 2731 | 2,588 | 21 | 8.24 | 2.65 |
| 781 | 2730 | 2,577 | 21 | 9.45 | 2.55 |
| 780 | 2729 | 2,622 | 16 | 3.71 | 1.99 |
| 779 | 2728 | 2,571 | 21 | 10.02 | 2.58 |
| 778 | 2727 | 2,565 | 17 | 10.61 | 2.12 |

**Table S2**. Radiocarbon sequence 829-777 BC measured from Japanese Cedar rings at the Nagoya University.

Year Delta Error

BC 14C

777 11.10 2.56

779 10.66 2.56

781 6.41 2.55

783 8.20 2.64

785 8.26 2.54

787 9.74 3.54

789 3.35 2.54

791 2.07 2.56

793 4.16 2.55

795 6.38 2.58

797 4.33 2.54

799 4.29 2.55

801 -1.62 2.56

803 0.93 2.56

805 -3.07 2.51

807 3.26 2.56

809 -0.34 2.52

811 -0.46 2.54

813 -2.03 2.49

815 3.88 2.55

817 -0.80 2.50

819 2.65 2.55

821 -4.39 2.52

823 1.16 2.55

825 -1.88 2.52

827 0.67 2.54

829 -1.41 2.51