List of radiocarbon age of each sample with the calendar age.

HGHEK-2 Original pillar of Enkyo-ji Temple, Himeji.

|  |  |  |  |
| --- | --- | --- | --- |
| tree-ring age (AD) | lab.code | 14C age | (BP) |
| 1408-1412 | JAT-11274 | 506 | ±22 |
| 1413-1417 | JAT-11273 | 560 | ±22 |
| 1418-1422 | JAT-11272 | 542 | ±22 |
| 1423-1427 | JAT-11271 | 514 | ±22 |
| 1428-1432 | JAT-11270 | 480 | ±21 |
| 1433-1437 | JAT-11269 | 472 | ±23 |
| 1438-1442 | JAT-11268 | 413 | ±23 |
| 1443-1447 | JAT-11267 | 415 | ±21 |
| 1448-1452 | JAT-11266 | 468 | ±22 |
| 1453-1457 | JAT-11265 | 399 | ±22 |
| 1458-1462 | JAT-11264 | 352 | ±22 |
| 1463-1467 | JAT-11263 | 396 | ±22 |
| 1468-1472 | JAT-11262 | 387 | ±21 |
| 1473-1477 | JAT-11261 | 377 | ±21 |
| 1478-1482 | JAT-11260 | 390 | ±30 |
| 1483-1487 | JAT-11259 | 385 | ±22 |
| 1488-1492 | JAT-11258 | 372 | ±22 |
| 1493-1497 | JAT-11257 | 385 | ±22 |
| 1498-1502 | JAT-11256 | 371 | ±22 |
| 1503-1507 | JAT-11255 | 390 | ±22 |
| 1508-1512 | JAT-11254 | 368 | ±22 |
| 1513-1517 | JAT-11253 | 370 | ±22 |
| 1518-1522 | JAT-11252 | 379 | ±22 |

YNKSU-2 Gilder of Seiun-ji Temple, Koshu.

|  |  |  |  |
| --- | --- | --- | --- |
| tree-ring age (AD) | lab.code | 14C age | (BP) |
| 1493-1497 | IAAA-152690 | 370 | ±23 |
| 1498-1502 | IAAA-152689 | 394 | ±23 |
| 1503-1507 | IAAA-152688 | 381 | ±22 |
| 1508-1512 | IAAA-152687 | 390 | ±22 |
| 1513-1517 | IAAA-152686 | 352 | ±23 |
| 1518-1522 | IAAA-152685 | 357 | ±23 |
| 1523-1527 | IAAA-152684 | 329 | ±23 |
| 1528-1532 | IAAA-152683 | 341 | ±23 |
| 1533-1537 | IAAA-152682 | 311 | ±22 |
| 1538-1542 | IAAA-152681 | 303 | ±22 |
| 1543-1547 | IAAA-152680 | 320 | ±21 |
| 1548-1552 | IAAA-152679 | 310 | ±22 |
| 1553-1557 | IAAA-152678 | 285 | ±22 |
| 1558-1562 | IAAA-152677 | 309 | ±22 |
| 1563-1567 | IAAA-152676 | 322 | ±22 |
| 1568-1572 | IAAA-152675 | 309 | ±20 |
| 1573-1577 | IAAA-152674 | 343 | ±23 |
| 1578-1582 | IAAA-152673 | 317 | ±21 |
| 1583-1587 | IAAA-152672 | 350 | ±23 |
| 1588-1592 | IAAA-152671 | 334 | ±22 |
| 1593-1597 | IAAA-152670 | 372 | ±22 |
| 1598-1602 | IAAA-152669 | 374 | ±22 |
| 1603-1607 | IAAA-152668 | 376 | ±22 |
| 1608-1612 | IAAA-152667 | 336 | ±22 |
| 1613-1617 | IAAA-152666 | 346 | ±22 |
| 1618-1622 | IAAA-152665 | 377 | ±22 |
| 1623-1627 | IAAA-152664 | 343 | ±23 |
| 1628-1632 | IAAA-152663 | 339 | ±22 |

MEISJ-1 Shrine wood of Ise Grand Shrine, Ise (annual data).

|  |  |  |  |
| --- | --- | --- | --- |
| tree-ring age (AD) | lab.code | 14C age | (BP) |
| 1545 | YU-1914 | 325 | ±20 |
| 1546 | YU-1915 | 331 | ±20 |
| 1547 | YU-1916 | 307 | ±20 |
| 1548 | YU-1917 | 304 | ±21 |
| 1549 | YU-1918 | 324 | ±20 |
| 1550 | YU-1919 | 376 | ±21 |
| 1551 | YU-1920 | 349 | ±20 |
| 1552 | YU-1921 | 360 | ±20 |
| 1553 | YU-1922 | 365 | ±20 |
| 1554 | YU-1923 | 329 | ±20 |
| 1555 | YU-1924 | 313 | ±20 |
| 1556 | YU-1925 | 320 | ±20 |
| 1557 | YU-1926 | 374 | ±20 |
| 1558 | YU-1927 | 387 | ±20 |
| 1559 | YU-1928 | 349 | ±20 |
| 1560 | YU-1929 | 320 | ±20 |
| 1561 | YU-1930 | 336 | ±20 |
| 1562 | YU-1931 | 349 | ±20 |
| 1563 | YU-1932 | 377 | ±20 |
| 1564 | YU-1933 | 385 | ±20 |
| 1565 | YU-1934 | 356 | ±20 |
| 1566 | YU-1935 | 390 | ±21 |
| 1567 | YU-1994 | 387 | ±20 |
| 1568 | YU-1995 | 398 | ±20 |
| 1569 | YU-1996 | 379 | ±20 |
| 1570 | YU-1997 | 382 | ±20 |
| 1571 | YU-1998 | 383 | ±20 |
| 1572 | YU-1999 | 371 | ±20 |
| 1573 | YU-2000 | 341 | ±20 |
| 1574 | YU-2001 | 364 | ±20 |
| 1575 | YU-2002 | 387 | ±20 |
| 1576 | YU-2003 | 350 | ±20 |
| 1577 | YU-2004 | 396 | ±20 |
| 1578 | YU-2005 | 319 | ±20 |
| 1579 | YU-2006 | 368 | ±20 |
| 1580 | YU-2007 | 371 | ±20 |
| 1581 | YU-2008 | 390 | ±20 |
| 1582 | YU-2009 | 393 | ±20 |
| 1583 | YU-2010 | 360 | ±20 |
| 1584 | YU-2011 | 358 | ±20 |
| 1585 | YU-2012 | 341 | ±20 |
| 1586 | YU-2013 | 392 | ±20 |
| 1587 | YU-2014 | 354 | ±20 |
| 1588 | YU-2015 | 377 | ±20 |
| 1589 | YU-2042 | 364 | ±20 |
| 1590 | YU-2043 | 383 | ±20 |
| 1591 | YU-2044 | 376 | ±20 |
| 1592 | YU-2045 | 368 | ±20 |
| 1593 | YU-2046 | 379 | ±20 |
| 1594 | YU-2047 | 399 | ±20 |
| 1595 | YU-2048 | 407 | ±20 |
| 1596 | YU-2049 | 410 | ±20 |
| 1597 | YU-2050 | 396 | ±20 |
| 1598 | YU-2051 | 364 | ±20 |
| 1599 | YU-2052 | 384 | ±20 |
| 1600 | YU-2053 | 338 | ±20 |
| 1601 | YU-2054 | 360 | ±21 |
| 1602 | YU-2055 | 410 | ±20 |
| 1603 | YU-2056 | 381 | ±20 |
| 1604 | YU-2057 | 376 | ±20 |
| 1605 | YU-2058 | 425 | ±20 |
| 1606 | YU-2059 | 376 | ±20 |
| 1607 | YU-2060 | 402 | ±20 |
| 1608 | YU-2061 | 386 | ±20 |
| 1609 | YU-2062 | 414 | ±20 |
| 1610 | YU-2063 | 398 | ±20 |

MEISJ-1 Shrine wood of Ise Grand Shrine, Ise (open square in Figure 5).

|  |  |  |  |
| --- | --- | --- | --- |
| tree-ring age (AD) | lab.code | 14C age | (BP) |
| 1535-1539 | IAAA-142653 | 412 | ±22 |
| 1540-1544 | IAAA-142654 | 398 | ±22 |
| 1545-1549 | IAAA-142655 | 298 | ±21 |
| 1550-1554 | IAAA-142656 | 342 | ±21 |
| 1555-1559 | IAAA-142657 | 362 | ±21 |
| 1560-1564 | IAAA-142658 | 365 | ±21 |
| 1565-1569 | IAAA-142659 | 372 | ±20 |
| 1570-1574 | IAAA-142660 | 385 | ±21 |
| 1575-1579 | IAAA-142661 | 342 | ±22 |
| 1580-1584 | IAAA-142662 | 340 | ±21 |
| 1585-1589 | IAAA-142663 | 392 | ±21 |
| 1590-1594 | IAAA-142664 | 397 | ±21 |
| 1595-1599 | IAAA-142665 | 399 | ±22 |
| 1600-1604 | IAAA-142666 | 350 | ±22 |
| 1605-1609 | IAAA-142667 | 421 | ±22 |
| 1610-1614 | IAAA-142668 | 355 | ±23 |
| 1615-1619 | IAAA-142669 | 372 | ±22 |
| 1620-1624 | IAAA-142670 | 364 | ±22 |
| 1625-1629 | IAAA-142671 | 314 | ±22 |
| 1630-1634 | IAAA-142672 | 378 | ±21 |
| 1635-1639 | IAAA-142673 | 325 | ±21 |
| 1640-1644 | IAAA-142674 | 278 | ±22 |
| 1645-1649 | IAAA-142675 | 268 | ±21 |
| 1650-1654 | IAAA-142676 | 250 | ±22 |
| 1655-1659 | IAAA-142677 | 221 | ±22 |
| 1660-1664 | IAAA-142678 | 212 | ±21 |
| 1665-1669 | IAAA-142679 | 204 | ±23 |
| 1670-1674 | IAAA-142680 | 181 | ±22 |
| 1675-1679 | IAAA-142681 | 243 | ±22 |
| 1680-1684 | IAAA-142682 | 230 | ±21 |
| 1685-1689 | IAAA-142683 | 172 | ±21 |
| 1690-1694 | IAAA-142684 | 135 | ±20 |
| 1695-1699 | IAAA-142685 | 44 | ±21 |
| 1700-1704 | IAAA-142686 | 73 | ±22 |
| 1705-1709 | IAAA-142687 | 76 | ±21 |
| 1710-1714 | IAAA-142688 | 79 | ±21 |
| 1715-1719 | IAAA-142689 | 159 | ±20 |
| 1720-1724 | IAAA-142690 | 138 | ±21 |
| 1725-1729 | IAAA-142691 | 76 | ±20 |
| 1730-1734 | IAAA-142692 | 119 | ±21 |
| 1735-1739 | IAAA-142693 | 210 | ±21 |
| 1740-1744 | IAAA-142694 | 181 | ±21 |
| 1745-1749 | IAAA-142695 | 172 | ±21 |
| 1750-1754 | IAAA-142696 | 199 | ±21 |
| 1755-1759 | IAAA-142697 | 148 | ±21 |
| 1760-1764 | IAAA-142698 | 127 | ±22 |
| 1765-1769 | IAAA-142699 | 117 | ±22 |
| 1770-1774 | IAAA-142989 | 211 | ±20 |
| 1775-1779 | IAAA-142990 | 221 | ±23 |
| 1780-1784 | IAAA-142991 | 216 | ±23 |
| 1785-1789 | IAAA-142992 | 223 | ±22 |
| 1790-1794 | IAAA-142993 | 249 | ±23 |
| 1795-1799 | IAAA-142994 | 232 | ±23 |
| 1800-1804 | IAAA-142995 | 161 | ±21 |
| 1805-1809 | IAAA-142996 | 198 | ±20 |
| 1810-1814 | IAAA-142997 | 134 | ±21 |
| 1815-1819 | IAAA-142998 | 91 | ±22 |
| 1820-1824 | IAAA-142999 | 62 | ±22 |
| 1825-1829 | IAAA-143000 | 81 | ±22 |
| 1830-1834 | IAAA-143001 | 176 | ±22 |
| 1835-1839 | IAAA-143002 | 160 | ±22 |
| 1840-1844 | IAAA-143003 | 150 | ±22 |
| 1845-1849 | IAAA-143004 | 109 | ±22 |
| 1850-1854 | IAAA-143005 | 101 | ±20 |
| 1855-1859 | IAAA-143006 | 90 | ±22 |
| 1860-1864 | IAAA-143007 | 125 | ±22 |
| IAAA-143008 | 113 | ±23 |
| 1865-1869 | IAAA-143009 | 66 | ±22 |
| 1870-1874 | IAAA-143010 | 50 | ±21 |
| 1875-1879 | IAAA-143011 | 126 | ±21 |
| IAAA-143012 | 125 | ±21 |
| 1880-1884 | IAAA-143013 | 125 | ±21 |
| 1885-1889 | IAAA-143014 | 143 | ±22 |
| 1890-1894 | IAAA-143015 | 61 | ±23 |
| 1895-1899 | IAAA-143016 | 76 | ±20 |
| 1900-1904 | IAAA-143017 | 86 | ±23 |
| 1905-1909 | IAAA-143018 | 97 | ±21 |
| 1910-1914 | IAAA-143019 | 152 | ±22 |
| 1915-1919 | IAAA-143020 | 157 | ±22 |
| 1920-1924 | IAAA-143021 | 152 | ±22 |
| 1925-1929 | IAAA-143022 | 162 | ±20 |
| 1930-1934 | IAAA-143023 | 129 | ±23 |
| 1935-1939 | IAAA-143024 | 128 | ±21 |
| 1940-1944 | IAAA-143025 | 130 | ±21 |
| 1945-1949 | IAAA-143026 | 186 | ±23 |
| 1950-1954 | IAAA-143027 | 220 | ±22 |

MEISJ-1 Shrine wood of Ise Grand Shrine, Ise (open circle in Figure 5).

|  |  |  |  |
| --- | --- | --- | --- |
| tree-ring age (AD) | lab.code | 14C age | (BP) |
| 1668-1670 | Beta-428598 | 281 | ±19 |
| 1671-1673 | Beta-428599 | 213 | ±19 |
| 1674-1676 | Beta-428600 | 216 | ±21 |
| 1677-1679 | Beta-428601 | 192 | ±21 |
| 1680-1682 | Beta-428602 | 201 | ±22 |
| 1683-1685 | Beta-428603 | 136 | ±21 |
| 1686-1688 | Beta-428604 | 193 | ±21 |
| 1689-1691 | Beta-428605 | 203 | ±22 |
| 1692-1694 | Beta-428606 | 230 | ±22 |
| 1695-1697 | Beta-428607 | 189 | ±20 |
| 1698-1700 | Beta-428608 | 135 | ±21 |

MEISJ-1 Shrine wood of Ise Grand Shrine, Ise (solid square in Figure 5).

|  |  |  |  |
| --- | --- | --- | --- |
| tree-ring age (AD) | lab.code | 14C age | (BP) |
| 1520-1524 | YU-4911 | 350 | ±20 |
| 1525-1529 | YU-4912 | 339 | ±20 |
| 1530-1534 | YU-4913 | 310 | ±20 |
| 1535-1539 | YU-4717 | 306 | ±20 |
| 1540-1544 | YU-4718 | 326 | ±20 |
| 1565-1569 | YU-4719 | 342 | ±20 |
| 1575-1579 | YU-4720 | 364 | ±20 |
| 1605-1609 | YU-4721 | 373 | ±20 |
| 1630-1634 | YU-4696 | 354 | ±20 |
| 1671-1673 | YU-4697 | 198 | ±20 |
| 1674-1676 | YU-4698 | 199 | ±20 |
| 1677-1679 | YU-4699 | 185 | ±20 |
| 1680-1682 | YU-4700 | 185 | ±20 |
| 1683-1685 | YU-4701 | 155 | ±20 |
| 1686-1688 | YU-4702 | 183 | ±20 |
| 1689-1691 | YU-4703 | 187 | ±20 |
| 1692-1694 | YU-4704 | 163 | ±20 |
| 1695-1697 | YU-4705 | 182 | ±20 |
| 1698-1700 | YU-4706 | 137 | ±20 |
| 1701-1703 | YU-4722 | 132 | ±20 |
| 1704-1706 | YU-4723 | 130 | ±20 |
| 1707-1709 | YU-4724 | 152 | ±20 |
| 1710-1712 | YU-4725 | 158 | ±20 |

MGTYJ-1 Gate pillar of Ten’yu-ji Temple, Ishinomaki.

|  |  |  |  |
| --- | --- | --- | --- |
| tree-ring age (AD) | lab.code | 14C age | (BP) |
| 1646-1648 | IAAA-152626 | 274 | ±22 |
| 1649-1651 | IAAA-152625 | 242 | ±23 |
| 1652-1654 | IAAA-152624 | 266 | ±22 |
| 1655-1657 | IAAA-152623 | 267 | ±21 |
| 1658-1660 | IAAA-152622 | 239 | ±22 |
| 1661-1663 | IAAA-152621 | 225 | ±22 |
| 1664-1666 | IAAA-152620 | 219 | ±22 |
| 1667-1669 | IAAA-152619 | 211 | ±21 |
| 1670-1672 | IAAA-152618 | 195 | ±21 |
| 1673-1675 | IAAA-152617 | 188 | ±22 |
| 1676-1678 | IAAA-152616 | 196 | ±23 |
| 1679-1681 | IAAA-152615 | 246 | ±23 |
| 1682-1684 | IAAA-152614 | 230 | ±23 |
| 1685-1687 | IAAA-152613 | 207 | ±22 |
| 1688-1690 | IAAA-152612 | 205 | ±21 |
| 1691-1693 | IAAA-152611 | 175 | ±23 |
| 1694-1696 | IAAA-152610 | 153 | ±22 |
| 1697-1699 | IAAA-152609 | 154 | ±23 |
| 1700-1702 | IAAA-152608 | 113 | ±22 |
| 1703-1705 | IAAA-152607 | 93 | ±23 |
| 1706-1708 | IAAA-152606 | 97 | ±20 |
| 1709-1711 | IAAA-152605 | 100 | ±21 |
| 1712-1714 | IAAA-152604 | 94 | ±22 |
| 1715-1717 | IAAA-152603 | 95 | ±22 |
| 1718-1720 | IAAA-152602 | 101 | ±22 |
| 1721-1723 | IAAA-152601 | 148 | ±22 |
| 1724-1726 | IAAA-152600 | 134 | ±23 |
| 1727-1729 | IAAA-152599 | 112 | ±22 |
| 1730-1732 | IAAA-152598 | 100 | ±22 |
| 1733-1735 | IAAA-152597 | 120 | ±23 |
| 1736-1738 | IAAA-152596 | 160 | ±21 |

STSAB-1 Pagoda pillar of Aoba-jinja Shurine, Saitama.

|  |  |  |  |
| --- | --- | --- | --- |
| tree-ring age (AD) | lab.code | 14C age | (BP) |
| 1781-1783 | IAAA-152515 | 198 | ±21 |
| 1784-1786 | IAAA-152514 | 242 | ±20 |
| 1787-1789 | IAAA-152513 | 239 | ±21 |
| 1790-1792 | IAAA-152512 | 261 | ±22 |
| 1793-1795 | IAAA-152511 | 219 | ±22 |
| 1796-1798 | IAAA-152510 | 203 | ±23 |
| 1799-1801 | IAAA-152509 | 211 | ±21 |
| 1802-1804 | IAAA-152508 | 204 | ±22 |
| 1805-1807 | IAAA-152507 | 184 | ±22 |
| 1808-1810 | IAAA-152506 | 177 | ±21 |
| 1811-1813 | IAAA-152505 | 163 | ±22 |
| 1814-1816 | IAAA-152504 | 184 | ±22 |
| 1817-1819 | IAAA-152503 | 149 | ±22 |
| 1820-1822 | IAAA-152502 | 156 | ±23 |
| 1823-1825 | IAAA-152501 | 142 | ±21 |
| 1826-1828 | IAAA-152500 | 115 | ±21 |
| 1829-1831 | IAAA-152499 | 169 | ±21 |
| 1832-1834 | IAAA-152498 | 138 | ±21 |
| 1835-1837 | IAAA-152497 | 186 | ±21 |
| 1838-1840 | IAAA-152496 | 191 | ±21 |
| 1841-1843 | IAAA-152495 | 129 | ±21 |
| 1844-1846 | IAAA-152494 | 133 | ±21 |
| 1847-1849 | IAAA-152493 | 139 | ±22 |
| 1850-1852 | IAAA-152492 | 131 | ±22 |
| 1853-1855 | IAAA-152491 | 145 | ±22 |
| 1856-1858 | IAAA-152490 | 128 | ±22 |
| 1859-1861 | IAAA-152489 | 132 | ±23 |
| 1862-1864 | IAAA-152488 | 127 | ±23 |
| 1865-1867 | IAAA-152487 | 149 | ±21 |
| 1868-1870 | IAAA-152486 | 151 | ±22 |
| 1871-1873 | IAAA-152485 | 142 | ±22 |
| 1874-1876 | IAAA-152484 | 123 | ±22 |
| 1877-1879 | IAAA-152483 | 119 | ±22 |
| 1880-1882 | IAAA-152482 | 114 | ±20 |
| 1883-1885 | IAAA-152481 | 148 | ±22 |
| 1886-1888 | IAAA-152480 | 120 | ±20 |
| 1889-1891 | IAAA-152479 | 144 | ±22 |
| 1892-1894 | IAAA-152478 | 112 | ±21 |
| 1895-1897 | IAAA-152477 | 120 | ±23 |
| 1898-1900 | IAAA-152476 | 128 | ±23 |