**IAWA Bulletin New Series - Volume 2 (4)**

|  |  |
| --- | --- |
| **Author(s):** | A.M. Catesson; J.C. Roland |
| **Title:** | **Sequential Changes Associated with Cell Wall Formation and Fusion in the Vascular Cambium** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 151-162 |
| **Keywords:** | cell wall; cytochemistry; cambium |
| **Abstract:** | Cytochemical techniques and mild extractions were used at the electron microscope level for the study of the cambial zone of several hardwoods and one softwood. The maturation processes of the primary radial and tangential cell walls involve a progressive disappearance of their initial heterogeneity. The buttress-like zone joining these walls appears to be the starting point for a characteristic sequence of changes and intra-wall rearrangement. Topochemical results have suggested an alternative to the 'emboxing concept' of cell wall development. |
| **DOI:** | [10.1163/22941932-90000722](http://dx.doi.org/10.1163/22941932-90000722) |

|  |  |
| --- | --- |
| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Review** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 162-162 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000723](http://dx.doi.org/10.1163/22941932-90000723) |

|  |  |
| --- | --- |
| **Author(s):** | Joanna T. Tippett; Alex L. Shigo |
| **Title:** | **Barrier Zone Formation: A Mechanism of Tree Defense Against Vascular Pathogens** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 163-168 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000724](http://dx.doi.org/10.1163/22941932-90000724) |

|  |  |
| --- | --- |
| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Review** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 168-168 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000725](http://dx.doi.org/10.1163/22941932-90000725) |

|  |  |
| --- | --- |
| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Intervascular Pitting in Fraxinus Americana L.** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 169-174 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000726](http://dx.doi.org/10.1163/22941932-90000726) |

|  |  |
| --- | --- |
| **Author(s):** | Sherwin Carlquist |
| **Title:** | **Wood Anatomy of Cephalotaceae** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 175-178 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000727](http://dx.doi.org/10.1163/22941932-90000727) |

|  |  |
| --- | --- |
| **Author(s):** | Narayan Parameswaran; Aracely Vidal Gomes |
| **Title:** | **Fine Structural Aspects of Helical Thickenings and Pits in Vessels of Ligustrum Lucidum Ait. (Oleaceae)** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 179-185 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000728](http://dx.doi.org/10.1163/22941932-90000728) |

|  |  |
| --- | --- |
| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Review** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 185-185 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000729](http://dx.doi.org/10.1163/22941932-90000729) |

|  |  |
| --- | --- |
| **Author(s):** | Thomas Nilsson |
| **Title:** | **Helical Orientation of the Microfibrils in Fibres of Mastixiodendron Pachyclados (K. Schum.) Melch.** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 186-186 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000730](http://dx.doi.org/10.1163/22941932-90000730) |

|  |  |
| --- | --- |
| **Author(s):** | R. W. den Outer; P. R. Schütz |
| **Title:** | **Wood Anatomy of Apeiba (Tiliaceae)** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 187-192 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000731](http://dx.doi.org/10.1163/22941932-90000731) |

|  |  |
| --- | --- |
| **Author(s):** | Jack B. Fisher |
| **Title:** | **Wound Healing by Exposed Secondary Xylem in Adansonia (Bombacaceae)** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 193-199 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000732](http://dx.doi.org/10.1163/22941932-90000732) |

|  |  |
| --- | --- |
| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Association Affairs** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 200-200 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000733](http://dx.doi.org/10.1163/22941932-90000733) |

|  |  |
| --- | --- |
| **Author(s):** | Nazma; B. Sundarsivarao; R. Vijendrarao |
| **Title:** | **Occurrence of Perforated Ray Cells in the Wood of Drypetes Roxburghii (Wall.) Hurusawa** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 201-203 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000734](http://dx.doi.org/10.1163/22941932-90000734) |

|  |  |
| --- | --- |
| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Association Affairs** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 204-205 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000735](http://dx.doi.org/10.1163/22941932-90000735) |

|  |  |
| --- | --- |
| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Five Honorary Members elected on the occasion of IAWA's 50th anniversary** |
| **Source:** | IAWA Bulletin NS, Volume 2, Issue 4 |
| **Publication Year:** | 1981 |
| **Pages:** | 205-205 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000736](http://dx.doi.org/10.1163/22941932-90000736) |