**IAWA Bulletin New Series - Volume 3 (3-4)**

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| **Author(s):** | R. A. Scott; E. A. Wheeler |
| **Title:** | **Fossil Woods from the Eocene Clarno Formation of Oregon** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 135-154 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000829](http://dx.doi.org/10.1163/22941932-90000829) |

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| **Author(s):** | Michael A. Cichan; Thomas N. Taylor |
| **Title:** | **Vascular Cambium Development in Sphenophyllum: A Carboniferous Arthrophyte** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 155-160 |
| **Keywords:** |  |
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| **DOI:** | [10.1163/22941932-90000830](http://dx.doi.org/10.1163/22941932-90000830) |

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| **Author(s):** | H. Gottwald |
| **Title:** | **First Description of the Wood Anatomy of Antrophora, Lepidocordia and Pteleocarpa (Boraginaceae)** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 161-165 |
| **Keywords:** |  |
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| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Announcements** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
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| **DOI:** | [10.1163/22941932-90000832](http://dx.doi.org/10.1163/22941932-90000832) |

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| **Author(s):** | B. A. Meylan; B. G. Butterfield |
| **Title:** | **Pit Membrane Structure in the Vessel-Less Woods Of Pseudowintera Dandy (Winteraceae)** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 167-175 |
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| **DOI:** | [10.1163/22941932-90000833](http://dx.doi.org/10.1163/22941932-90000833) |

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| **Author(s):** | Ben J. H. ter Welle |
| **Title:** | **Descripcion general y anatomica de 105 maderas dei grupo andino. Proyectos Andinos de Desarrollo Tecnológico en el área de los Recursos Forestales Tropicales (PADT-REFORT), 441 pp., numerous illus. (colour and half-tone). 1981. Junta del Acuerdo de Cartagena, Paseo de la República y Av. Aramburú, Casilla Postal 3237, Lima, Peru. Price: c. US$ 20.00 (paper).** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 176-176 |
| **Keywords:** |  |
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| **Author(s):** | Pieter Baas |
| **Title:** | **The structure of domestic and imported woods in Japan - An atlas of scanning electron micrographs. Hiroshi Saiki, vii + 217 pp., numerous illus. 1982. Japan Forest Technical Association, 7, Rokubancho, Chiyoda-Ku, Tokyo, Japan. Price: 4500 Yen (cloth).** |
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| **Publication Year:** | 1982 |
| **Pages:** | 176-176 |
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| **DOI:** | [10.1163/22941932-90000835](http://dx.doi.org/10.1163/22941932-90000835) |

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| **Author(s):** | Lek-Lim Chan; Everett L. Ellis; Brian G. Butterfield |
| **Title:** | **A Note on L- and T-Shaped Parenchyma Cells in the Phloem of Dacrydium Cupressinum Lamb. (Podocarpaceae)** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
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| **Keywords:** |  |
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| **Author(s):** | Rowena Gale |
| **Title:** | **Some Pitfalls in Wood Identification, With Reference to Nothofagus** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 179-184 |
| **Keywords:** |  |
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| **Author(s):** | J.J. Shah; G.M. Nair; I.L. Kothari |
| **Title:** | **Ultrastructural Changes in the Gum-Resin Ducts of the Bark of Commiphora Wightii (Arnott) Bhandari\* Induced by Mechanical Injury** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 185-192 |
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| **DOI:** | [10.1163/22941932-90000838](http://dx.doi.org/10.1163/22941932-90000838) |

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| **Author(s):** | J.E. Phelps; J.G. Isebrands; D. Jowett |
| **Title:** | **Raw Material Quality of Short-Rotation, Intensively Cultured Populus Clones. I. A Comparison of Stem and Branch Properties at Three Spacings** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
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| **DOI:** | [10.1163/22941932-90000839](http://dx.doi.org/10.1163/22941932-90000839) |

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| **Author(s):** | Kazumi Fukazawa; Jun Ohtani |
| **Title:** | **Within-A-Tree Variation of Wood Element Size in Tilia Japonica** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 201-206 |
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| **DOI:** | [10.1163/22941932-90000840](http://dx.doi.org/10.1163/22941932-90000840) |

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| **Title:** | **Anatomy, Basic Density and Shrinkage of Birch Bark** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 207-213 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000841](http://dx.doi.org/10.1163/22941932-90000841) |

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| **Author(s):** | L. A. Donaldson |
| **Title:** | **Abnormal Rays in the Wood of Eucalypts** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 214-215 |
| **Keywords:** |  |
| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000842](http://dx.doi.org/10.1163/22941932-90000842) |

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| **Author(s):** | Sherwin Carlquist |
| **Title:** | **New Perspectives in Wood Anatomy. P. Baas (ed.), vi + 252 pp., illus. 1982. Nijhoff/Dr. W. Junk Publishers, The Hague - Boston - London. Price: Dfl. 130.00, US$ 59.00 (cloth).** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
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| **DOI:** | [10.1163/22941932-90000843](http://dx.doi.org/10.1163/22941932-90000843) |

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| **Author(s):** | Pieter Baas |
| **Title:** | **The practical identification of wood pulp fibers. Russell A. Par harn and Richard L. Gray, vii + 212 pp., many illus. 1982. TAPPI Press, Atlanta, GA, U.S.A. Price: US$ 34.95 (paper, 33% discount to TAPPI members).** |
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| **Publication Year:** | 1982 |
| **Pages:** | 218-218 |
| **Keywords:** |  |
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| **DOI:** | [10.1163/22941932-90000844](http://dx.doi.org/10.1163/22941932-90000844) |

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| **Title:** | **Identification of Vegetable Fibres. Dorothy Catling and John Grayson, vi + 89 pp. (illus.) + 52 half-tone plates. 1982. Chapman ' Hall, London-New York. Price: UK£ 12.50 (board).** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
| **Publication Year:** | 1982 |
| **Pages:** | 218-219 |
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| **Abstract:** |  |
| **DOI:** | [10.1163/22941932-90000845](http://dx.doi.org/10.1163/22941932-90000845) |

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| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Wood Anatomy News** |
| **Source:** | IAWA Bulletin NS, Volume 3, Issue 3-4 |
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| **Author(s):** | Editors IAWA Journal |
| **Title:** | **Association Affairs** |
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