

## APPENDIX

List of technical documents issued by the IRG Secretariat since the last Annual Report

### Working Group Ia

- The performance of softwood species used as poles in Queensland by L E Leightley (1985-02-20) Document No: IRG/WP/1253
- Questionnaire for Volume 2 of the Basidiomycetes Monographs by T Nilsson (1985-01-31) Document No: IRG/WP/1254
- Involvement of hydrogen peroxide in wood decay by brown-rot fungi and white-rot fungi by T L Highley & Lidija L Murmanis (1985-03-04) Document No: IRG/WP/1256
- Fungal detoxification of organotin biocides by P S Belford & D J Dickinson (1985-04-09) Document No: IRG/WP/1258
- An insight into brown rot decay of timber as revealed by  $^{13}\text{C}$  CP/MAS NMR by L E Leightley (1985-03-12) Document No: IRG/WP/1259
- Ultrastructural and T.E.M.-EDAX studies on the degradation of CCA treated radiata pine by tunnelling bacteria by G Daniel & T Nilsson (1985-04-15) Document No: IRG/WP/1260
- Wood decay in Danish buildings by Anne Pia Koch (1985-03-13) Document No: IRG/WP/1261
- Kiln drying poles as a means of solving the problem of pre-treatment decay in poles by J A Taylor (1985-03-18) Document No: IRG/WP/1263
- Defining fungal decay types - a proposal for discussion by T Nilsson (1985-03-28) Document No: IRG/WP/1264
- Questionnaire - Fungal decay types by T Nilsson (1985-03-28) Document No: IRG/WP/1265
- Alkaline building materials and controlled moisture conditions as causes for dry rot *Serpula lacrymans* growing only in houses by J Bech-Andersen (1985-04-25) Document No: IRG/WP/1272
- Minutes of the meetings held at the Casa Grande Hotel, Guarujá, Brazil during 12-17 May 1985 (1985-09-13) Document No: IRG/WP/1275

### Working Group Ib

- Nasutitermes exitiosus* and wood-rotting fungi in *Eucalyptus regnans*, *E. acmenioides*, *E. wandoo*, and *E. marginata*: force-feeding, laboratory study by D B A Ruyooka (1985-03-07) Document No: IRG/WP/1231

- An investigation concerning *Camponotus* spp distribution and damage in buildings in Sweden by V Butovitsch, K-J Hedqvist & C Tornberg (1985-01-14) Document No: IRG/WP/1248
- Notes on the resistance of tropical woods against termites by N Supriana (1985-02-25) Document No: IRG/WP/1249
- Phoracantha semipunctata* Fab. dans le sud-ouest Espagnol: Lutte et dommages (in French) by L Gonzalez Tirado (1985-01-14) Document No: IRG/WP/1250
- Feeding preference behaviour of *Cryptotermes cynocephalus* Light and *Cryptotermes curvignathus* Holmgren on twenty-eight tropical timbers by N Supriana (1985-02-25) Document No: IRG/WP/1251
- The density factor in termite bioassays by G R Esenther (1985-02-20) Document No: IRG/WP/1252
- Efficacy of Avermectin B1 dust and bait formulations in new simulated and accelerated field tests by G R Esenther (1985-03-01) Document No: IRG/WP/1257
- Proposing innovative technologies in the control of dry-wood insects by M O Akanbi (1985-02-15) Document No. IRG/WP/1262
- Laboratory tests on natural resistance to *Cryptotermes brevis* (Walker) attack of native hardwoods for crossarms production by Maria D Cañedo & A T De Lelis (1985-05-09) Document No: IRG/WP/1266
- Wood-attacking insects in urban areas in São Paulo State - Brazil by P A Zanotto, Maria D Cañedo & A T De Lelis (1985-05-02) Document No: IRG/WP/1267
- The development of a field testing technique using *Cryptotermes lacteus* mounds in Australia by J R J French & P J Robinson (1985-04-09) Document No: IRG/WP/1270
- Studies on the infestation behaviour of the powder-post beetle *Lyctus brunneus* (Steph.) and its physical control in the wood yards of the Caspian forests of Iran by P Niloufari (1985-04-15) Document No: IRG/WP/1271
- Sub-group 5 Insects in dry wood. List of C.T.B. Translations in French (1985-04-15) Document No: IRG/WP/1273
- Termite researcher questionnaire by J P La Fage (1985-05-16) Document No: IRG/WP/1274
- Minutes of the meetings held at the Casa Grande Hotel, Guarujá, Brazil during 12-16 May 1985 (1985-08-27) Document No: IRG/WP/1276

## Working Group II

- Protocol for evaluating and approving new wood preservatives by M E Hedley & J A Butcher (1985-04-10) Document No: IRG/WP/2159

- Natural durability of wood in ground contact - a correlation between field and laboratory tests by M S Cavalcante, G A C Lopez, R G Montagna & M E S Fosco Mucci (1985-03-04) Document No: IRG/WP/2182
- Co-operative Research Project on L-joint Testing Sampling after 18 months exposure by Janice K Carey & A F Bravery (1984-09-13) Document No: IRG/WP/2233
- Mercury porosimetric evaluation of the impregnability of wood by J P Hösli (1984-12-19) Document No: IRG/WP/2234
- Influence of sampling on the composition of test solutions by H Willeitner & Karin Brandt (1985-04-01) Document No: IRG/WP/2235
- Co-operative Research Project on L-joint Testing Progress Report to March 1985 by Janice K Carey & A F Bravery (1985-03-28) Document No: IRG/WP/2236
- Proposals for further co-operative studies on determining toxic values against wood-destroying Basidiomycetes by A F Bravery (1985-04-12) Document No: IRG/WP/2237
- Improved techniques designed for evaluation of fungicides in soil for control of dry rot fungus *Serpula lacrymans* by M Takahashi & K Nishimoto (1985-03-01) Document No: IRG/WP/2238
- Re Questionnaire: The use of computers in wood preservation research by E F Baines (1985-02-25) Document No: IRG/WP/2239
- Questionnaire: The use of computers in wood preservation research by E F Baines (1985-02-25) Document No: IRG/WP/2240
- Termite resistance of treated wood in an above ground field test by A F Preston, Peggy A McKaig & Paul J Walcheski (1985-03-15) Document No: IRG/WP/2241
- Factors affecting decay rates in a fungus cellar by Peggy A McKaig (1985-03-15) Document No: IRG/WP/2242
- Resistance of board materials against fungal decay : A comparative experiment on Kolle flask test's method and direct test method by G R Y Dëon & L N Trong (1985-03-18) Document No: IRG/WP/2243
- Studies on accelerated ageing procedures with TBT0-treated wood by J Jermer, Marie-Louise Edlund, B Henningsson & W Hintze (1985-03-21) Document No: IRG/WP/2244
- Minutes of the meetings held at the Casa Grande Hotel, Guarujã, Brazil during 13-16 May 1985 (1985-08-30) Document No: IRG/WP/2246
- Working Group III
- Exterior weathering trials on radiata pine roofing shingles by D V Plackett, C M Chittenden & A F Preston (1985-04-10) Document No: IRG/WP/3240

- Wood preservation in Southern Africa by A Pizzi,  
W E Conradie & R Cockcroft (1984-11-05)  
(Swedish Wood Preservation Institute report  
nr 150 - 1984) Document No: IRG/WP/3320
- Wood preservation in Brazil by M S Cavalcante &  
R Cockcroft (1984-11-12) (STU information no  
445 - 1984) Document No: IRG/WP/3321
- Improved PEC preservatives with added biocides by  
H Greaves, C W Chin & J B Watkins (1985-02-14) Document No: IRG/WP/3322
- Appearance of PEC-treated poles in service by H  
Greaves, C W Chin, K J McCarthy & J B Watkins  
(1985-02-12) Document No: IRG/WP/3323
- Wood Preservation in the Netherlands by N Burgers,  
R Cockcroft & D de Jong (1985-01-12) (STU  
information no 457 - 1985) Document No: IRG/WP/3324
- Wood Preservation in Portugal by D Reimão &  
R Cockcroft (1985-07-05) (STU information no  
487 - 1985) Document No: IRG/WP/3325
- The degradation of wood surfaces by dilute acids  
by P D Evans & W B Banks (1985-02-21) Document No: IRG/WP/3326
- Production of treated wood in Brazil in 1982 and  
1983 by M S Cavalcante (1985-03-04) Document No: IRG/WP/3327
- Banzalkonium chloride (an AAC preservative); Criteria  
for approval, performance in service, and implications  
for the future by J A Butcher (1985-04-10) Document No: IRG/WP/3328
- Options for accelerated boron treatments: A practical  
review of alternatives by P Vinden, T Fenton &  
K Nasheri (1985-04-10) Document No: IRG/WP/3329
- Laboratory evaluation of organophosphates as  
termiticides by K Tsunoda & K Nishimoto (1985-03-06) Document No: IRG/WP/3330
- An appraisal of anti-sapstain chemicals in Queensland,  
Australia by L E Leightley (1985-03-06) Document No: IRG/WP/3331
- The future for chromium in wood preservation by  
B A Richardson & T R G Cox (1985-03-07) Document No: IRG/WP/3332
- Some data on the activity of alternative fungicides  
for wood preservation by A F Bravery & Janice K Carey  
(1985-04-04) Document No: IRG/WP/3333
- Electricity pole treatments - Wedding Bells State  
Forest Inspection September 1983 by R S Johnstone &  
R H Eldridge (1985-03-07) Document No: IRG/WP/3334
- Observations on the penetration of preservatives into  
green timber by G R Williams, R A Eaton & D A Lewis  
(1985-03-07) Document No: IRG/WP/3335

- Gelatin encapsulated fumigants for wood fumigations:  
Current research status by A R Zahora, M E Corden &  
J J Morrell (1985-03-08) Document No: IRG/WP/3336
- Effects of the addition of polyethylene glycol to the  
CCA-C preservative treatment by Bill Trumble & Ed  
Messina (1985-03-10) Document No: IRG/WP/3337
- Problems of fixation of CCA-preservative in palm-  
wood by H Willeitner & Karin Brandt (1985-03-25) Document No: IRG/WP/3338
- Chemical and biological investigations of double-  
vacuum treated windows after 7½ years in service by  
Marie-Louise Edlund, J Jermer, B Henningsson & W  
Hintze (1985-03-21) Document No: IRG/WP/3339
- The effect of concrete embedment on CCA treated  
hardwood and softwood timbers by L E Leightley &  
G A Willoughby (1985-03-25) Document No: IRG/WP/3340
- End grain sealants for wood preservation studies by  
R J Murphy & N A Summers (1985-02-25) Document No: IRG/WP/3341
- Performance of CCA treated eucalyptus round ties by  
V J Carlos, F R Niederauer & J P P Wehr (1985-03-01) Document No: IRG/WP/3342
- Durability of exterior natural wood finishes in  
Brazil by D R Macedo (1985-03-01) Document No: IRG/WP/3343
- A substantively bonded water repellent treatment  
based on chromium carboxylates by Judith K Wright,  
W B Banks & W J Eilbeck (1985-03-21) Document No: IRG/WP/3344
- Restrictions on the use of chlorosilanes as  
potential wood preservatives by M Stevens  
(1985-03-13) Document No: IRG/WP/3345
- Laboratory study on the effectiveness photostable  
pyrethroids formulated with benzalkonium chloride to  
be used on furniture by A M F Oliveira & A T De Lelis  
(1985-05-10) Document No: IRG/WP/3346
- Field test evaluation of preservatives and treatment  
methods for fence posts by G A C Lopez & E S Lepage  
(1985-05-10) Document No: IRG/WP/3347
- The evaluation of the effectiveness of wood  
preservatives by means of IUFRO's method for field  
tests with wooden stakes by G A C Lopez, A M F  
Oliveira & E S Lepage (1985-05-10) Document No: IRG/WP/3348
- A field test with Benzotar, an industrial residue,  
as a wood preservative by S Milano & L R Silva  
(1985-05-05) Document No: IRG/WP/3349
- Research on the effects of wood preservatives on the  
physical and mechanical properties of Iranian beech  
(*Fagus orientalis* Lipsky) by P Niloufari  
(1985-04-15) Document No: IRG/WP/3351

- Environmental issues : Messages for the wood preservation industry by D G Anderson & Pamela Waldie (1985-06-10) Document No: IRG/WP/3353
- Wood Preservation in Italy by Anna Gambetta, Elisabetta Orlandi & R Cockcroft (1985-07-24) (STU information nr 505 - 1985) Document No: IRG/WP/3354
- Working Group III Preservatives and Methods of Treatment. Minutes of the meetings held at the Casa Grande Hotel, Guarujá, Brazil during 13-15 May 1985 (1985-09-24) Document No: IRG/WP/3355
- Termiticidal effectiveness of synthetic pyrethroids, carbaryl and chlordane in wood-block test by K Tsunoda (1985-09-24) Document No: IRG/WP/3356

#### Working Group IV

- Evaluation of some polyurethanes as protective marine coatings for wood by J D Bultman & J E Pinto (1985-03-25) Document No: IRG/WP/4115
- IRG/COIPM INTERNATIONAL MARINE TEST on the effect of timber substrate on the effectiveness of different preservatives in sea-water. Progress Report 20. Report on the inspection of specimens at Sekondi, Ghana after 48 months by F F K Ampomg & N Asare-Nyadu (1985-03-26) Document No: IRG/WP/4116
- Development of marine borers research in São Paulo State, Brazil by G A C Lopez (1985-06-10) Document No: IRG/WP/4117
- IRG/COIPM INTERNATIONAL MARINE TEST Progress Report 21. Report of eighth inspection (7 years) in Australia by L J Cookson & J E Barnacle (1985-06-06) Document No: IRG/WP/4119
- Information from the COIPM Wood Group by Anna Gambetta (1985-06-03) Document No: IRG/WP/4120
- Working Group IV Marine Wood Preservation. Minutes of the 12th Joint Meeting with the COIPM Wood Group held at the Casa Grande Hotel, Guarujá, São Paulo State, Brazil on Monday 13 May 1985 (1985-08-22) Document No: IRG/WP/4121

#### Other Documents

- Financial statement for the year ending 31 December 1984 by H Friis-Hansen (1985-02-25) Document No: IRG/WP/5214
- IRG Foundation Fund Report by B Henningsson & H Friis-Hansen (1985-02-28) Document No: IRG/WP/5215
- List of Members and Sponsors (1985-03-04) Document No: IRG/WP/5217

The Fourteenth Report of the International Research Group on Wood Preservation 1984-1985 by R Cockcroft (1985-03-31) (also *B.W.P.A. News Sheet* No. 180, June/July 1985)

Document No: IRG/WP/5218

Abstracts of Poster Sessions at IRG 16 Meeting (1985-04-02)

Document No: IRG/WP/5219

Sixteenth Annual Meeting. Minutes of the Plenary Meeting held at the Casa Grande Hotel, Guarujá, São Paulo State, Brazil during Sunday 12 May, Thursday 16 May and Friday 17 May 1985 (1985-08-08)

Document No: IRG/WP/5232

The IRG ... Channeling information and ideas into the mainstream of wood preservation technology (Brochure) (1985-11-18)

Document No: IRG/WP/5241