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Trans. of das Papier (West Germany) 1959, v. 13, no. 9/10, p. 190-200.

DESCRIPTORS: Organic materials, Inorganic substances, Water, Chemical analysis, *Paper industry, Precipitation, Separation, Production, Cellulose chemistry, *Resins, Determination, Wood pulp machines.

(Materials--Paper, TT, v. 7, no. 5)

61-18266

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- I. Jayme, G.
- II. Reimann, K.

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Hyposulfite Solution, by G. Jayne and G.
Worner, 21 pp.

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pp 80-86.

SIA 57-3244

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The Distribution of Auxiliary Substances in the
Circulation of a Paper Machine at Application of an
Acid Rich Size (Magoid), by G. Jayne, W. Dennig.

CHESAN, per, Gas Papier, Vol XIV, No 7, 1960,
pp 278-283.

SIA 61-18268

Sci
Mar 62

189,522

Vol VII, No 2

The Effect of Humates on the Properties of Sheets
Made From Chemical Wood Pulp, by G. Jayne, E.
Hechler, 22 pp.

GERMAN, per, Woch Papier Abr, Vol LXXXIV, No 11-12,
Jun 1956, pp 427-237.

SIA Tr 57-831

Sci - Chem

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Sep 57

TT-63-20827

Jayne, G. and Murty, V. L.
ESTABLISHING THE FLOCCULATION OF FIBRE
SUSPENSIONS, ITS INFLUENCE ON SHEET STRUC-
TURE, AND VARIATIONS CAUSED BY MANNO-
GALACTAN. Aug 63 [20p] 14refs
Order from SLA \$1.60 TT-63-20827

I. Title: Mannogalactan
I. Jayne, G.
II. Murty, V. L.

Trans. of das Papier (West Germany) 1962, v. 16,
no. 11, p. 664-670. (Abstract available)

DESCRIPTORS: *Wood pulp, Sheets, *Fibers, Chemical
precipitation, Mechanical properties, Additives,
Material separation, Microstructure.

Laboratory investigations were conducted to study
flocculation in fibre suspensions prepared from five
different types of bleached pulp as well as from mixtures
of spruce and straw pulp. The results clearly indicated
a linear increase of the degree of non-uniformity (WZ)
(Materials--Wood, TT, v. 11, no. 4) (over)

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63-10060

Jayme, G. and Fengel, D.
ELECTRON MICROSCOPE PHOTOGRAPHS OF THE
SURFACES OF SEMI-CHEMICAL SOFT WOOD PULP
FIBRES. Nov 62, 7p. (figs. omitted) 13 refs.
Order from SLA \$1.10 63-10060

I. Jayme, G.
II. Fengel, D.

Trans. of das Papier (West Germany) 1962, v. 16, no. 4,
p. 125-130.
Another trans. is available from SLA \$1.10 as
62-20469 [1962] 10p.

DESCRIPTORS: *Wood pulp fibers, Surfaces, Photo-
graphic analysis, Electron microscopes, *Cellulose
chemistry.

In contrast with pulp fibres the electron microscope
pictures taken of replicas of unbleached softwood semi-
chemical pulp fibres show surfaces which are more or
less extensively blurred by deposited lignin and
hemicelluloses. The swelling of the fibre walls during
(Materials--Wood, TT, v. 9, no. 9) (over)

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Irvine, G. and Fenzl, D.
ELECTRON OPTICAL STUDIES OF THE FINE
STRUCTURE OF SOFTWOOD CELLS. Jan 63 [7].
(figs. tables contain 33 refs.
Order from SLA \$1.10 63-14470

Trans. of the Papier (West Germany) 1962, v. 14,
no. 10a, p. 519-524.

DESCRIPTORS: *Electron microscopes, Wood.
*Wood pulp, *Electron optica.

(Materials--Wood, TT, v. 10, no. 4)

63-14470

I. Irvine, G.
H. Fenzl, D.

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Electron Micrographs of the Surfaces of Unbleached
Spruce Sulphate and Sulphite Pulps, by G. Jayne, H.
Gunther, 9 pp.

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Jun 1955, pp 212-215.

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Sci - Biol

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