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v. 9, no. 1)

63-12136

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DESCRIPTORS: *Fibers, Production, *Acetyl radicals, Cellulose compounds, *Acetic acids, Mechanical properties, Fibers (Synthetic).

A method for producing triacetate staple fiber from acetic acid solutions of cellulose triacetate was developed and the main process parameters were established. The relation between process parameters and the physical and mechanical properties of the fiber was examined. (Author)

63-10808

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BODIES Ingeborg, V. Baker, tr. 30 Aug 63 [21p]
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DESCRIPTORS: *Elasticity, Theory, *Anisotropy,
*Isotropism, Solids, *Differential equations,
Potential theory.

(Mechanics, TT, v. 11, no. 3)

TT-63-24264

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- II. RSIC-48
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- IV. N63-23508

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Helmut Ernst v.
CONCERNING THE COLORATION OF BORAX GLASSES
BY IRON (Über die Färbung von Boraxgläsern durch
Eisen). [1962] [15] p. (foreign text included) 15 refs.
Order from SLA \$1.60 62-14863

Trans. of Glastechn[ische] Ber[ichte] (West Germany)
1956, v. 29, no. 6, p. 247-251.

DESCRIPTORS: *Glass, *Borax, *Iron, *Color, Spec-
trographic analysis.

The authors were able by metal-addition to obtain pure
ferro-borax glasses, and to demonstrate their ferri-
freedom chemically and optically. Production and test-
ing are described, and some spectral permeability
curves are reproduced. The visual color of the pure
ferro-glasses was blue. (Author)
(Materials--Ceramics, TT, v. 9, no. 1)

62-14863

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II. Schefer, W.
III. Steinwehr, H. E. v.

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Office of Technical Services

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AGE CHARACTERISTICS AND VARIABILITY OF
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Order from FASEB \$2.00 in Federation Proceedings
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DESCRIPTORS: *Aging (Physiology), *Arteries,
*Meninges, Blood circulation, Brain.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

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- II. Federation of American
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SEA 77-64-30127

Anita Bailey

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June 67

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CSIRO 3639

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<p>Trans. of Holz als Roh- und Werkstoff (West Germany) 1957, v. 15, no. 5, p. 210-213. Another trans. is available from SLA as 56-750.</p>	<p>1247314</p>
<p>DESCRIPTORS: *Trees, *Wood, *Cells (Biology), *Membranes (Biology), Histology, Electron microscopy</p>	<p>Office of Technical Services</p>
<p>The structure of the pit membranes of coniferous tracheids varies markedly, not only in different taxa, but also in different parts of the same tree, and at times in neighbouring tracheids of a small sample of wood. These ranges of structural variability deserve careful consideration in the interpretation of electron (Biological Sciences--Botany, TT, v. 10, no. 7) (over)</p>	

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