

62-22502

Kobata, Jiro and Akinaga, Y.
PHYSICAL PROPERTIES OF JAPANESE TOBACCO
LEAVES. Pt. 2 of Studies on the Apparent Volume of
Tobacco Leaves. [1962] 9p.
Order from K-H \$11.25 K-H 5919-c

Trans. of [Nihon Senbai Kosha Chuo Kenkyusho Ken-
kyu Hokoku] (Japan) 1956, no. 96, p. 30-33.

DESCRIPTORS: *Tobacco, *Plants, Physical
properties.

(See also K-H-5919-b)

(Biological Sciences--Botany. TT, v. 8, no. 6)

- I. Kobata, J.
- II. Akinaga, Y.
- III. Title: Studies ...
- IV. K-H-5919-c
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

62-20561

Kobata, Jiro, Akinaga, Y. and others
RELATION BETWEEN PHYSICAL AND CHEMICAL
PROPERTIES AND STALK POSITION OF BRIGHT
YELLOW LEAVES. Pt. 3 of Series. In: Apparent
Volume of Tobacco Leaves. [1962] 17p.
Order from K-H \$21.25 K-H 5919-d

Trans. of [Nihon Seibutsu Kosha Chuo Kenkyusho Ken-
kyu Hokoku] (Japan) 1956, no. 96, p. 34-38.

DESCRIPTORS: *Tobacco, *Plants, Physical prop-
ties, Chemical properties.

(See also K-H 5919-c)

(Biological Sciences--Botany, TT, v. 8, no. 9)

I. Kobata
II. Akinaga
III. [unclear]
IV. [unclear]
V. College-Booklet Service
Library Association
Detroit, Mich.

Office of Technical Services

Izawa, Masao, Kobashi, Yusuke and others.
INVESTIGATION OF FILTER-TIPPED CIGARETTES
MANUFACTURED IN FOREIGN COUNTRIES, PT. 3.
[1962] 34p.
Order from K-H \$42.50 K-H 6063 g

Trans. of [Nihon Senbai Kosha Chuo Kenkyusho Kenkyu
Hokoku] (Japan) 1956, v. 96, p. 91-105.

DESCRIPTORS: *Cigarettes, *Smokes, *Tobacco.

(Chemistry, TT, v. 9, no. 4)

62-22894

- I. Izawa, M.
- II. Kobashi, Y.
- III. K-H-6063-g
- IV. Kreage-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

62-22847

Wada, Einosuke, Kyoji, Yamasaki and others.
STUDIES ON THE TOBACCO ALKALOIDS INFRARED
ABSORPTION SPECTRA OF THE TOBACCO ALKA-
LOIDS AND SOME RELATED COMPOUNDS. [1962]
27p.

Order from K-H \$33.75

K-H 6445 e

Trans. of [Nihon Senbai Kosha Chuo Kenkyusho Kenkyu
Hokoku] (Japan) 1957, v. 97, p. 27-39.

DESCRIPTORS: *Tobacco, Nicotine, *Alkaloids, *Infra-
red spectroscopy, *Absorption spectra.

- I. Wada, E.
- II. Kyoji, Y.
- III. K-H-6445-e
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Chemistry--Physical, TT, v. 9, no. 4)

Office of Technical Services

62-22548

Wada, Einosuke, Ihida, Masanao, and Nakayama, Yoshiko.

THE ENZYMATIC OXIDATION OF CHLOROGENIC ACID AND CAFFEIC ACID IN THE PRESENCE OF NORNICOTINE, PT. II. [1962] 17p.

Order from K-H 521. 25 K-H 6445-d

Trans. of [Nihon Senbai Kosha Chuo Kenkyusho Kenkyu Hokoku] (Japan) 1967, v. 97, p. 43-48.

DESCRIPTORS: *Enzymes, *Oxidation, *Nicotine, Biochemistry, *Chlorogenic acid, *Caffeic acid.

(Biological Sciences--Biochemistry, TT, v. 9, no. 4)

- I. Wada, E.
- II. Ihida, M.
- III. Nakayama, Y.
- IV. K-H 6445-d
- V. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

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ORDER FROM INO

Nagasawa, Masatoshi and Taguchi, Taeko.
SHIKIMIC ACID IN FLUE-CURED TOBACCO LEAF.
[1961] 6p. 12 refs.
Order from SLA \$1.10

61-20231

Trans. of [Nihon Sembai Koshu Chuo Kenkyusho
Kenkyu Hokoku] (Japan) 1958, no. 99, p. 8-9.

DESCRIPTORS: *Tobacco, *Plants, *Shikimic acid.

The occurrence of shikimic acid in flue-cured tobacco leaf was confirmed by the results of the qualitative tests. The spectrophotometric analysis indicated its concentration to be approximately 16 mg. per 100 g. of dry material. The experimental results support the view that shikimic acid is an intermediate compound in the formation of chlorogenic acid during flue-curing of tobacco leaf. (Author)

(Agriculture--Plant Cultivation, TT, v. 7, no. 9)

61-20231

I. Nagasawa, M.
II. Taguchi, T.

Office of Technical Services

Kobashi [Fu-ue], Sakaguchi, Siochi, and Izawa, Masao.
INFLUENCE OF MOISTURE CONTENT OF CIGARETTES ON COMBUSTION TEMPERATURE AND AMOUNT OF NICOTINE TRANSFERRED IN TOBACCO SMOKE. Oct 60, 10p.
Order from K-H \$12.50

Trans. of [Nihon Samba Kasei Chuo Kenkyukai Kasei Kenkyukai] (Japan 1960) no. 102, p. 6-9.

DESCRIPTORS: *Nicotinae. *Tobacco. *Cigarettes. *Smoked. *Combustion. Moisture.

(Chemistry II V. 8, 10, 4)

62-17398

- I. Kobashi, Y.
- II. Sakaguchi, S.
- III. Izawa, M.
- IV. K-H-10509-a
- V. Krieger-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

62-17399

Kobashi, Yusuke and Sakaguchi, Siochi.
THE COMBUSTION TEMPERATURE, COMBUSTIBILITY AND AMOUNT OF NICOTINE TRANSFERRED TO THE SMOKE OF FOREIGN-MADE CIGARETTES.

Oct 60, 7p.

Order from K-H \$5.75

K-H 10309-b

Trans. of [Nihon Sanbai Kosha Chuo Kenkyusho Kenkyu Hokoku] (Japan) 1960, no. 102, p. 10-12.

DESCRIPTORS: *Nicotine, *Tobacco, *Cigarettes, *Smokes, *Combustion.

- I. Kobashi, Y.
- II. Sakaguchi, S.
- III. K-H-10309-b
- IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

(Chemistry, IT, v. 8, no. 4)

Office of Technical Services

Kobashi, Yusuke and Sakagami, Sachio.
INVESTIGATION CONCERNING THE NICOTINE
TRANSFERRED TO SMOKE OF CIGARETTES TO
WHICH NICOTINE HAS BEEN ADDED. Oct 60, 7p.
Order from K-H \$8.75 K-H 10307c

Trans. of Nihon Syabai Koshu Chuo Kenkyusho Kaisha
Hokoku (Japan) 1960, no. 102, p. 13-15.

DESCRIPTORS: •Nicotine. •Tobacco. •Cigarettes.
•Smokes.

(Chemistry, IT, v. 5, no. 4)

62-1797

- I. Kobashi, Y.
- II. Sakagami, S.
- III. K-H-10307c
- IV. Krasgebein, Samuel.
Library Associates,
Detroit, Mich.

Office of Technical Services

Kanai, Isao and Baba, Yoko.
WHITENESS OF CIGARETTE ASH. [1961] [17]p.
18 refs.
Order from SLA \$1.60

61-20833

Trans. of [Nihon Senbai Kosha Chuo Kenkyusho Kenkyu Hokoku] (Japan) 1961, no. 103, p. 19-24.

DESCRIPTORS: *Cigarettes, *Tobacco, *Ashes, Inorganic substances, *Reflectometers, *Photoelectric cells, Combustion.

Cigarette ashes were prepared by artificial smoking of cigarettes prepared from 10 varieties of leaves. The ashes were dried, ground in a mortar, passed through a sieve and spread on metallic dishes with the aid of a cylindrical object made of metal. The reflectance of the surfaces was measured with a Photovolt photoelectric reflection meter and expressed as a percentage of the reflectance of a standard plate. The whiteness of (Chemistry--Analytical, TT, v. 8, no. 3) (over)

61-20833

- I. Title: Whiteness
- I. Kanai, I.
- II. Baba, Y.

Office of Technical Services

Arai, Kanco, Iida, Masanao, and Kisaki, Takuro.
CHANGE IN THE ALKALOID CONTENT OF THE TO-
BACCO PLANT DURING ITS GROWTH AND FLUE
CURING. [1962] 16p.

Order from K-H \$20.00

K-H 11707

Trans. of [Nihon Senba Kosei Chuo Kenkyukai Kenkyu
Hokoku] (Japan 1961, no. 103, p. 45-49).

DESCRIPTORS: *Tobacco. Growth. Processing. *Alka-
loids. Plants.

(Agriculture - Plant Cultivation. IT. v. 8, no. 5)

62-17392

- I. Arai, E.
 - II. Iida, M.
 - III. Kisaki, T.
 - IV. K-H 11707
 - V. K-H 11707
- U.S. Dept. of Agriculture
Library Association
D. from Mich.

Office of Technical Services

TT-64-14528

Masuo, Yutaka, Fukusawa, Masaru, and Tsuzuki,
Keiko.

STUDIES ON THE PHYSICAL PROPERTIES OF LEAF
TOBACCO. I. THE TENSILE STRENGTH AND ELON-
GATION OF TOBACCO LEAVES. [1963] 18p 12refs
Order from SLA \$1.60 TT-64-14528

I. Masuo, Y.
II. Fukusawa, M.
III. Tsuzuki, K.
IV. Title: Tensile ...

Trans. of [Nihon Senbai Kosha Chuo Kenkyusho Kenkyu
Hokoku] (Japan) 1963, v. 102, p. 56-62

(Biological Sciences--Botany, TT, v. 11, no. 11)

Office of Technical Services

Abe, Isao; Masuo, Yutaka, and Tsuzuki, Keiko.
STUDIES ON PHYSICAL PROPERTIES OF LEAF
TOBACCOS. II. ON THE SOFTNESS OF TOBACCO
LEAVES. [1963] 17p.
Order from K-H \$17.00 K-H-12649

Trans. of [Nihon Sanbai Kosha Chuo Kenkyusho
Kenkyu Hokoku] (Japan) 1962, no. 104, p. 37-41.

DESCRIPTORS: *Tobacco, Physical properties.

(Agriculture, TT, v. 10, no. 2)

63-17289

- I. Abe, I.
- II. Masuo, Y.
- III. Tsuzuki, K.
- IV. K-H-12649
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Yamazaki, M. and Kataoka, S.
SOLVENT EXTRACTION TITRATION METHOD FOR
THE DETERMINATION OF NICOTINE AND NORNIC-
OTINE IN TOBACCO. [1962] 13p.
Order from K-H \$16. 25 K-H 12002-h

Trans. of [Nihon Senbai Kosha Chuo Kenkyusbo Kenkyu
Hokoku] (Japan) 1962, no. 104, p. 71-75.

DESCRIPTORS: *Tobacco, Separation, *Nicotine,
*Titration, Determination.

(Chemistry--Analytical, TT, v. 9, no. 2)

63-12157

- I. Yamazaki, M.
- II. Kataoka, S.
- III. K-H-12002-h
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Kato, Kumio and Shibayama, Yasuko.
PRODUCTS OF THERMAL DECOMPOSITION OF
VANILLIN AND THEIR TRANSFER TO CIGARETTE
SMOKE. [1964] 21p
Order from K-H \$12.50 K-H-12616

Trans. of [Nihon Senbai Kosha Chuo Kenkyusho Kenkyu
Hokoku] (Japan) 1962, v. 104, p. 115-121.

(Chemistry, IT, v. 11, no. 11)

TT-64-12915

- I. Kato, K.
- II. Shibayama, Y.
- III. K-H-12616
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Kanai, Isao and Baba, Yoko.
WHITENESS OF CIGARETTE ASH. [1962] 16p.
Order from K-H 520.00 K-H 11153-a

Trans. of [Nihon Senbai Kasha Chuo Kenkyusho Kenkyu.
Hokoku] (Japan) 1961, no. 103, p. 19-24.
Another trans. is available from SLA \$1.60 as
61-20853 [1961] [17]p.

DESCRIPTORS: *Cigarettes, *Tobacco, *Ash, In-
organic substances, *Reflectometers, *Photoelectric
cells, Combustion.

For abstract see Technical Translations g, 230, 1962.

(Chemistry--Analytical, TT, v. 9, no. 2)

62-17391

- I. Kanai, I.
- II. Baba, Y.
- III. K-H-11153-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Izawa, Masao, Kobashi, Yusuke and others.
DISTRIBUTION OF NICOTINE IN CIGARETTE- SMOKE
AND BUTTS: COMPARISON OF KING SIZE AND
REGULAR SIZE CIGARETTES. Pt. II(2) of Studies on
Tobacco Smoke. [1962] 11p.
Order from K-H \$13.75 K-H 6063-1

Trans. of [Nihon Senbai Kosha Chuo Kenkyusho Kenkyu
Hokoku] (Japan) 1956, no. 96, p. 86-90.

DESCRIPTORS: Tobacco, Smokes, *Cigarettes,
*Nicotine, Distribution.

(Chemistry--Analytical, TT, v. 9, no. 2)

62-22463

- I. Izawa, M.
- II. Kobashi, Y.
- III. Title: Comparison ...
- IV. Title: Studies ...
- V. K-H-6063-1
- VI. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Hayashi, Kinuo.
CELL STIMULANT EFFECT OF HIGH WATER
(HYDRAULIC) PRESSURE AND ITS CHARACTER-
ISTICS. [1963] 46p (figs tables omitted) 92refs
Order from SLA \$4.60 TT-63-20375

Trans. of [Nihon Seirigaku Zasshi] (Japan) 1961,
v. 23, p. 537-546. (Abstract available)

DESCRIPTORS: *Cells (Biology), *Physiology, *Me-
chanics, Water, *Pressure, Cytochemistry,
Metabolism, Stimulation, Ecology.

In many structural cells, their activity is increased
and their functions are promoted when the environmental
hydraulic pressure is raised to X10² atmospheres.
Physically and chemically, the pressure of this kind
brings about a change in the degree of dissociation,
viscosity and enzyme activity of the cell components
(Biological Sciences--(General), TT, v. 11, no. 3) (over)

TT-63-20375

I. Hayashi, K.

Office of Technical Services

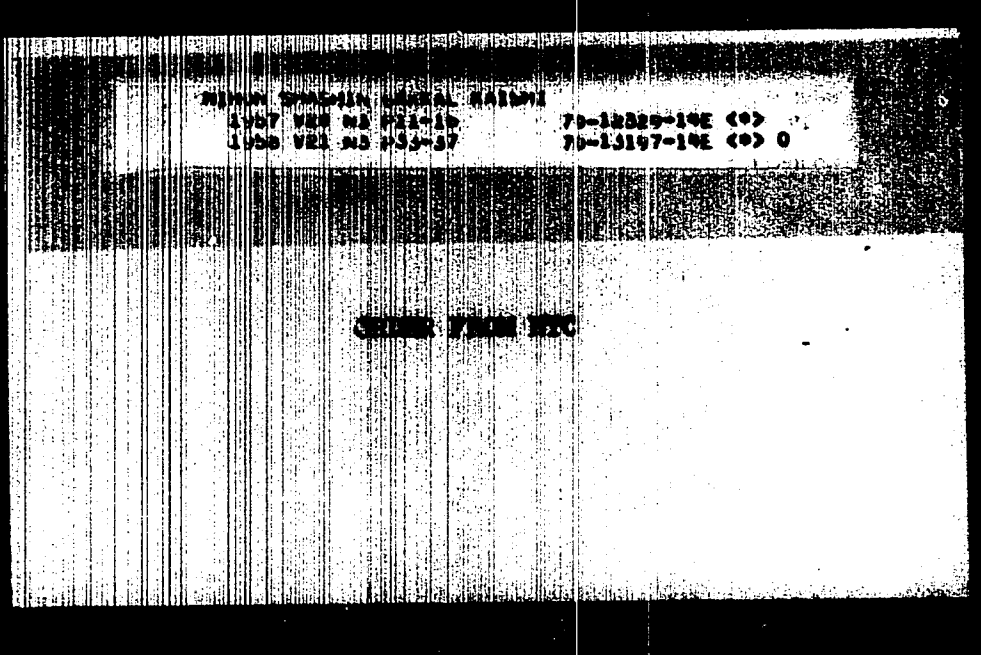
J-1270/63

Concerning the Japan Socialist Party's Agricultural
Basic Law Draft, *1-18*

JAPANESE, rpt, Nihon Shakai to no Nigyo Nihonhoan ni
Tsuite, No 8, 1963, 85 pp.

*JPRS/SPECIAL

FE - Japan
Pol, Econ
Sept 63



Some Aspects of the Behavior of
Couplers in Color Photography. Part II.
The Irregular Dye Formation of Some
Magenta Couplers in Color Development,
by N. Oguchi.

JAPANESE, per, Nippon Shashin Gakkai
Kaishi, Vol 26, 1963, pp 23-27.

NTC 72-11119-14E

May 72

Some Aspects of the Behavior of
Couplers in Color Photography. Part III.
The Mechanism of Dye Formation of
Pyrazolone Magenta Couplers, by
M. Oguchi.

JAPANESE, per, Nippon Shashin Gakkai
Kaishi, Vol 26, 1963, pp 21-22.
NDC 73-11120-145

May 72

Latent Image Fading in Gammaography, by Y. Tomoda,
N. Nakamura,

JAPANESE, per, Nihon Shashin Gekka Kaishi, Vol XXI,
No 1, 1958, pp 16-19.

SLA 59-10300

Sci
Dec 59
Vol 3, No 4

103,134

Studies on the Automatic Color Printer, by
H. Genda, S. Kato, 7 pp.

JAPANESE, per, Nihon Shashin Gakkaishi,
Vol XXI, No 1, 1958, pp 20-23.

ATS-60840J

Sci

187, 740

12 Mar 62

Vol 4, No 4

Dichroism of Pyrazolone Dyes in Stretched
Polyvinyl Alcohol Sheets, 9 p.

JAPANESE, per, Nihon Shashin Gakkaishi Kaishi,
1958, Vol XXX, pp 115-120,

ATB-21134J

Sci
Mar 60
Vol 2, No 11

109,624

Studies of Simultaneous Development and
Fixing for Multi-Layer Color Films, by H. Genda.
JAPANESE, per, Nippon Shashin Gakkai Kaishi,
Vol 21, No 3, 1958, pp 33-37.
NTC-70-13197-14E

Feb 72

Revised Proceedings of Positive ...
Takagi, 18 pp.

JAPANESE, POT, Nihon Seisaku Gakai Kaisei
Vol XXXI, No 1, pp 18-25.

SLA 69-16928

198, 017

Sci

May 62
Vol 4, No 3

Studies on the Automatic Color Printer,
II., by H. Genda, S. Kubo, 11 pp.

JAPANESE, per, Nihon Shashin Gakkaishi,
1959, Vol XIII, No 1, pp 26-32.

AFB-KUHOJ

Sci
26 Mar 62
Vol 4, No 4

187, 734

Influence of the Chemical Sensitization of the
Photographic Pressure Effect, by Yoshichika
Kobayashi, 11 pp.

JAPANESE, per, Nihon Shashin Gakkai Kaishi,
Vol XXII, No 3, 1959, pp 134-138.

SLA 60-188483

XSci
Jul 62

203,558

Vol 4, No 12

**A Rapid Spectrometric Method for the
Determination of 1-Phenyl, 3-Pyrazolidone
in Photographic Developers, by E. Tojo
K. Kurosaki, et al, 8 pp.
JAPANESE, per, Nippon Shashia Gakkai Kaishi,
Vol XXIII, 1960, pp 123-127.
ACSI I-9795
ID 2204006866**

**Sci-Phys
Aug 66**

306,597

Ooue, S. and Ueda, H.
LETTER CAPACITY OF PHOTOGRAPHIC
MATERIALS. [1963] 8p.
Order from ATS \$8.50 ATS-90Q69]

Trans. of Nihon Shashin Gakkai Kaishi (Japan) 1961,
v. 24, no. 1, p. 36-40.

DESCRIPTORS: *Photographic equipment,
Photography.

(Materials--Photographic, TT, v. 10, no. 6)

63-17727

- I. Title: Letter capacity
- I. Ooue, S.
- II. Ueda, H.
- III. ATS-90Q69]
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

63-17129

Kawasaki, M.
PHOTOGRAPHIC PROPERTIES OF SILVER CAR-
BOXYLATE EMULSIONS. PT. 2. PHOTOGRAPHIC
SENSITIVITY OF SILVER AROMATIC CARBOXYLATE
EMULSIONS. [1963] 10p.
Order from ATS \$15.50

ATS-17Q67]

Trans. of Nihon Shashin Gakkai Kaishi (Japan) 1962,
v. 25, no. 2, p. 82-88.

DESCRIPTORS: *Photographic emulsions, Photo-
chemistry, *Silver compounds, Carboxylic acids,
Esters, Sensitivity.

(Materials--Photographic, TT, v. 10, no. 1)

I. Kawasaki, M.
II. Title: Photographic...
III. ATS-17Q67]
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Sakata, T.
RECENT DEVELOPMENTS IN ELECTROPHOTOGRAPHY. [1963] 9p
Order from ATS \$14.75 ATS-67Q72]

Trans. of Nihon Shashin Gakkai Kaishi (Japan) 1962,
v. 25, no. 4, p. 193-197.

DESCRIPTORS: *Electrophotography.

(Materials--Photographic, TT, v. 11, no. 4)

TT-64-12202

I. Sakata, T.
II. ATS-67Q72]
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Development of Rapid Processing Methods, by M. Tajima.
JAPANESE, per, Nippon Shashin Gakkai Kaishi, vol. 26,
no. 1, 1963, pp. 1-9,
NTC 71-11179-14E

August 71

Sensitometry of Diazo Papers, Part II.,
by Y. Nakagawa.
JAPANESE, per, Nippon Shashin Gakkai Kaishi,
Vol 26, No 1, 1963, pp 15-22.
NPS-71-10722-14E

Nov 71

NCH-202 517

Field 14E

Kunimine, N.
STUDIES ON ANALYTICAL METHODS OF PHOTOGRAPHIC
MATERIALS. 2. MICROSEPARATION AND DETERMINA-
TION OF ORGANIC ADDITION AGENTS IN PHOTOGRAPHIC
DEVELOPER. 1965, 14p. TC-1250.
Order from TC: \$14.00 as TC-1250

Trans. of Nihon Shashin Gakkai Kaishi (Japan) v26 n4
p160-6 1963.

I. Trans-Chem
Knoxville, Tenn.
II. Title: Microseparation. . .

NCH-202 518

Field 14E

STUDIES ON ANALYTICAL METHODS OF PHOTOGRAPHIC MATERIALS. 5. MICRO-SEPARATION AND DETERMINATION OF ORGANIC MERCAPTO-COMPOUND IN PHOTOGRAPHIC EMULSION. 1965, 11p. TC-1252. Order from TC: \$11.00 as TC-1252

Trans. of Nihon Shashin Gakkai Kaishi (Japan) v27 n3 p117-22 1964.

- I. Trans-Chem
Knoxville, Tenn.
- II. Title: Micro-separation. . .

Determination of the Equilibrium Constants for
the Addition of Protons and Bisulfite Ions to
some Indaniline Dyes, by M. Yoshida.
JAPANESE, per, Nihon Shokun Gakkai Kaishi, No. 17,
1964, pp 6-172 173-176
GB 131/ T 4884

Sai -
Aug 67

136.792

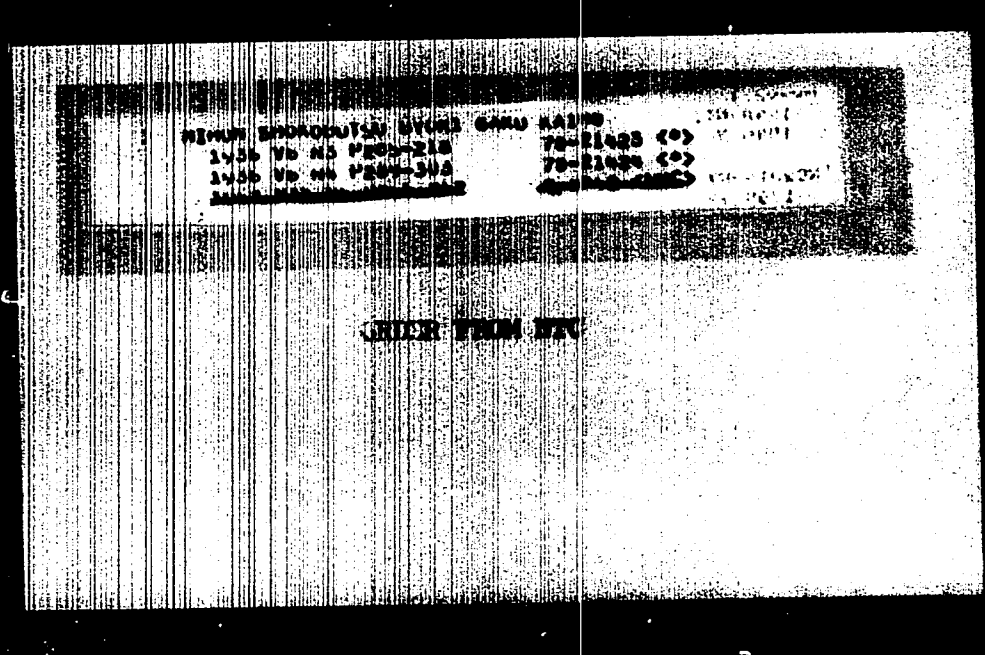
Studies On Analytical Methods Of Photographic Materials.
6. Micro-Analysis For Surface-Active Agents In the
Photographic Emulsion, by N. Kominine.
JAPANESE, per, Nihon Shashin Gakkai Kaishi., Vol. 17, No. 1
1964, pp 177-85
GE 181/1 1801 Pt. 4

Sci -
Sep 67

Experiments on Monobath of Developerfixer, by H. Hara
JAPANESE, per. Nihon Shashin Gakkai Kaishi, Vol. 27,
No. 4, 1964, pp 186-194
GB 131/T 4890

Sci -
Aug 67

337-205



Yoshi, Heime, Tokusige, Y., and Nonaka, F.
ACCUMULATION OF RADIOACTIVE PHOSPHORUS-
32 OR SULPHUR-35 IN THE LESIONS PRODUCED
BY VARIOUS TREATMENTS ON THE LEAVES OF
SOME NICOTIANA PLANTS. [1962] 9p.
Order from: K-H 511.25 K-H 5709.1

Trans. of [Nihon Shokubutsu Byori Gakkai] (Japan)
1955, v. 20, no. 1, p. 16-20.

DESCRIPTORS: *Tobacco, Injuries. *Radioisotopes,
Use of. *Phosphorus. *Sulfur.

(Biological Sciences--Botany, 341, no. 1, 1955, 16)

62-31125

- I. Yoshi, H.
- II. Tokusige, Y.
- III. Nonaka, F.
- IV. K-H-5709.1
- V. Foreign Biological Sciences
Library Association,
Detroit, Mich.

Office of Technical Services

Experimental Studies of Figure-Ground Reversal,
by Tadasu Oyama, Shoko Torii, Naitsumi Hamamoto,
3+ pp. UNCL.

JAPANESE, bk, Nihon Shisugaku Enkyu, Vol. XXVIII,
1957, pp 210-222.

ATIC MEL-260/v

Sci - Med

May 60

Telecom 41637

116,442

A Temporal Field Transferring From the Visual Field
of One Eye to That of the Other Eye, by Magoshiro
Abbe, 3rd pp. UNCL

JAPANESE, INDEX bk, Nihon Shinrigaku Kenkyu, Vol
XVIII, 1957, pp 223-231.

AFIC MEL-280/V

Sci - Med.

May 60

Telecom 41637

116,443

Polyneuroradiculitis Showing the Guillain-Barre Syndrome, by E. Hamamoto, 38 pp.

JAPANESE, per, Nihon Shonikagakukai Zasshi,
Vol. LX, No. 8, 1956, pp 661-681.

NIH 1-39-62

186,401

Sci - Med

Mar 62

A Rapid Spectrometric Method for the
Determination of 1-Phenyl, 3-Pyrazolidone
in Photographic Developers, by E. Tojo,
K. Kurozaki, et al.
JAPANESE, per, Nippon Shashin Gakkai
Kaishi, Vol XIII, pp 123-127, 1960.
*MSI I-9795
ID 2204006866

Sci-Phys
May 66
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Morii, N.
PROTHROMBIN, FACTOR V AND FACTOR VII COM-
PLEX IN FULL-TERM AND PREMATURE INFANTS.
Pt. 1 of Studies of Prothrombin Complex in Full-term
and Premature Infants. [1962] 12p.
Order from ATS \$25.25 ATS-16N57J

Trans. of Nihon Shonka Gakkai Zasshi (Japan) 1961.
v. 65, no. 2, p. 260-267.

DESCRIPTORS: *Prothrombin, *Infants.

(Biological Sciences--Physiology, TT, v. 8, no. 2)

62-12398

I. Morii, N.
II. Title: Studies ...
III. ATS-16N57J
IV. Associated Technical
Services, Inc., East
Orange, N. J.

ATS JJ-4219

Office of Technical Services

62-12560

Morii, N.
EFFECTS OF VITAMIN K ON PROTHROMBIN,
FACTOR V AND FACTOR VII COMPLEX IN FULL-
TERM AND PREMATURE INFANTS. Pt. 2 of Studies
of Prothrombin Complex in Full-term and Premature
Infants. [1962] 10p.
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v. 65, no. 2, p. 268-275.

DESCRIPTORS: *Vitamin K, *Prothrombin, Pharma-
cology, *Infants.

(Biological Sciences--Pharmacology, IT, v. 8, no. 5)

- I. Morii, N.
- II. Title Studies ...
- III. ATS-15N57]
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

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METHOD OF MEASUREMENT AND THE EFFECT
OF EXTERNAL FACTORS (PHYSICAL FACTORS)
ON THE ELECTROPHORETIC MEASUREMENTS.
[1963] 20p
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1962, v. 25, no. 4, p. 161-174.

DESCRIPTORS: *Bromides, Silver compounds,
*Electrophoresis, Measurement, *Photographic
emulsions.

(Materials--Photographic, TT, v. 11, no. 5)

TT-63-22963

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- II. Kawagoe, S.
- III. Oishi, Y.
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56-5 Feb 57.**

**500th MI Sv Gp No 93591
(KDC - Apr 57)**

**FE - Japan
Political**

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Shuho Sha, 15 Feb-25 Feb 1957.

500th MI Sv Gp Tr 94070
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FE - Japan

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pp 9-12.

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FB - Japan
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Four Secrets of the US Forces in Japan.
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Growth Curves of Blue-fin Tuna and Yellow-fin Tuna
Based on the Catches Near Shigadera on the West
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S.L.A.

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XVI, No 2, 1950, pp 35-39.

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Sci - Biol

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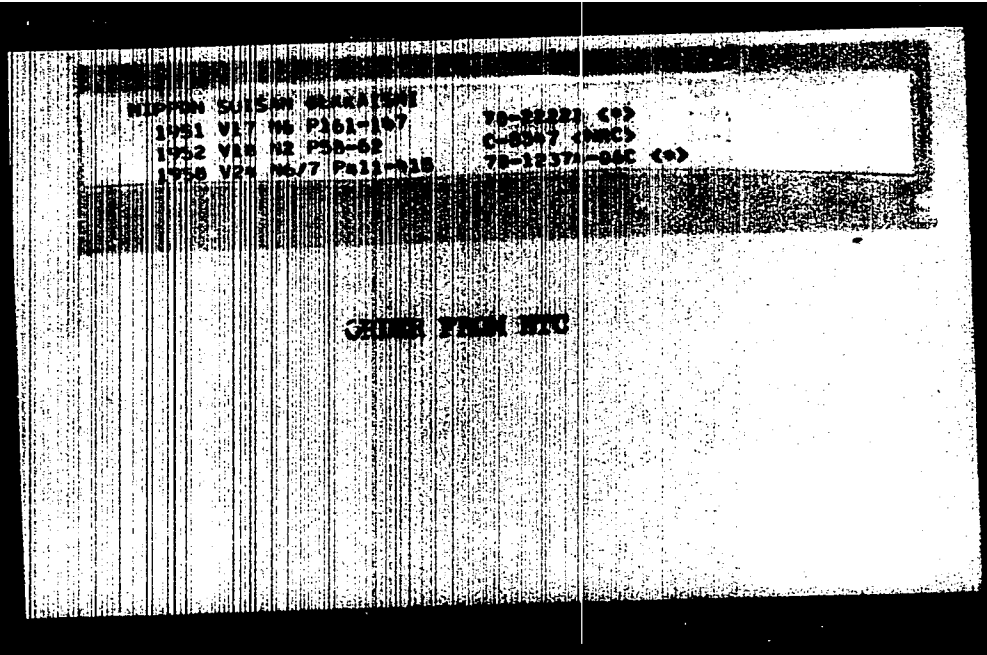
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17(2): 60-62. In Japanese.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of State of
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1972, as Transl. Series No. 2130, 8p., typescript.

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Original Article Checked *MR*



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Dept of Navy NRL Trans 1177

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ATS-64T90J

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tr. by Hock Chin Kim. June 59 [8]p.
Order from CTS or SLA \$1.10 50-17428

- I. Yoshihara, T.
- II. Title: Mean ...
- III. Fish and Wildlife Service,
Washington, D. C.
- IV. 59-20510 canceled

Trans. of [Nihon Suisan Gakkaishi] (Japan) 1953, v. 19,
no. 7, p. 825-831.

1 5 4 3 1 1

DESCRIPTORS: *Herring; *Herring; Age.

Based on the statistics of catch the mean age composition, the survival rate, the dominant age group and the net reproduction rate were obtained. (Author)

Office of Technical Services

(Biological Sciences--Zoology, 77, v. 1, no. 7)

5-10-61

60-17429

Yoshikara, Torooichi
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Order from OTS or SLA \$1.60 60-17429

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Washington D. C.
- IV. 59-20509 canceled

Trans. of [Nihon Suisan Gakkaishi] (Japan) 1953, v. 19,
no. 7, p. 852-835.

DESCRIPTORS: *Fishes, *Herring, Abundance,
Reproduction.

Based on the relations between the age (or length) and
number of fish that survived, the net reproduction rate
was obtained. (Author)

(Biological Sciences--Zoology, TT, v. 6, no. 7)

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IV A Table and Diagram for Calculating the Closing-
in Ratio, by Tomokichi YOSHIHARA, 5 pp.

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1954, pp 1012-1014.

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Report No 5. On the Nature of Poisonous Sub-
stances in Alkali Pulp Waste, by K. Kawabe,
T. Tomiyama, 16 pp.

JAPANESE, per, Nippon Suisan Gakkaishi, Vol XXXI,
No 1, 1955, pp 37-41.

NIH 8-25

Sci-Chem

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On the relation between the sociality in a school of fishes and the intercepting effect of nets in the Japanese Minnow (Originis latipes (T. and S.) Nippon Suisan Gakki-Shi (Bull. of Jap. of Scier. Fish.) 21(3): 154-158. In Japanese.

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Original Article Checked, 4/1

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Hitoshi, Kitahama.

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LENGTH OF SPRING HERRING CLUPEA PALLASII
C. ET V. IN THE WESTERN COAST OF HOKKAIDO,
tr. by Hack Chin Kim. July 59 [19]p. 19 refs.
Order from OTS or SLA \$1.60 60-17427

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II. Fish and Wildlife
Service, Washington,
D. C.

Trans. of [Nihon Suisan Gakkaishi] (Japan) 1955, v. 21,
no. 8, p. 915-920.

DESCRIPTORS: *Herring, Growth, Age, *Food,
Ecology, Japan

The secular variation of the total length of spring
herring in the western coast of Hokkaido was studied
concerning the year classes from 1907 to '47 by using
the moving average by 5 years. In regard to the growth
of the fish, same tendency was seen in each age class
in each year. The growth rate of fish was large before
(Biological Sciences--Zoology, TT, v. 9, no. 4) (over)

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LIPIOS OF THE MUSCLE OF TUNA, THUNUS
ORIENTALIS. II. ACETONE-SOLUBLE LIPIDS OF
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[1970] [9] p. 7 reil.
Order from LC or SLA in \$1.90, \$451.60 60-1710

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- 2. Lipids - chemistry
- 3. Fishes - Physiology
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- II. Noma, K.
- III. Kataoka, M.
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- V. Fishery Bulletin, 1957, v. 22, no. 12, p. 791-794.

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Saeki, Aritsune.
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Washington, D. C.

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DESCRIPTORS: *Fishes, *Marine biology, Excretion,
Decomposition, Carbonic acids, Ammonia, *Organic
materials, Ecology, *Biosynthesis, Nitrogen, Bac-
teria, Oxidation, Nitriles, Water filters, Water tanks,
*Aerobiology, Sand, *Standards.

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Suyama, K. and Chinkichi Ogino 1958
Changes in chemical compositions during development
of rainbow trout eggs (Nijimusu hassai-chu no ippan seibun no
henka)
Nippon Suisan Gakkaishi (Bull. of Jap. Soc. of Scien. Fish.),
23(12): 785-788. In Japanese.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for FRRC Halifax Laboratory, Halifax, N.S.,
1971, as Transl. Series No. 1851, 14p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *NK*

Nakagome, J.
COMPARISON OF VARIATIONS OF FISHING CON-
DITION IN A WHOLE YEAR AMONG EACH SUBAREA
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Order from LC or SLA ml\$1.80, ph\$1.80 59-19361

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(Biological Sciences--Zoology, TT, v. 5, no. 3)

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Vol 25, No 5, 1959, pp 392-396.
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1. Inosinic acid--Applications
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3. Title: Flavoring substances
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VII. Distribution of Lipids in Darkcolored Muscle,
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Sci - Biol

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Aug 62

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I. Carbohydrases (Nijimasu shoka koso no kenkyu)
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Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of the Environ., FRBC Marine
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No. 2193, 12p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *NR*

Kitamikado, Masabu and Shinko Tachino 1961
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Original Article Checked. *NR*

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III. Esterases (Nijimasu shoka koso no kenkyu)
Nihon Suisan Gakkaishi, 26(7): 691-694. In Japanese.

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Original Article Checked *WR*

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Original Article Checked *MR*

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of the preparation of fatless fish meal.
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30(1): 37-41. In Japanese.

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Original Article Checked *ML*

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Biochemical studies on the bacteria in aquarium with
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500th MI Gp Tr 95940

FB - Japan, China

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pp.156-164, 1939.
SLA-TT-66-11723

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Detroit, Mich.

Trans. of [Nihon Yakurigaku Zasshi] (Japan) 1955,
v. 51, no. 1, p. 62-69.
*Another trans. III available from K-H \$25.00 as
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DESCRIPTORS: *Nicotine, *Metabolism, *Liver,
Rabbits.

(Biological Sciences--Pathology, TT, v. 9, no. 1)

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NIH 6-25

Sci - Med

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Studies on Nicotine Metabolism (II). Nicotine
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Pharmacologica Japonica), Vol. LXXX, No. 5, May
1957, pp 553-565.

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Miyashita, Yukio.
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PRODUCED BY NICOTINE. [1962] [57p] 53refs
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TT-64-14517

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(Biological Sciences--Pharmacology, TT, v. 11, no. 11)

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SITE OF ACTION OF CHLORPROMAZINE ON THE CENTRAL
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1958, PP 7-20.

NIH 5-2-62

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Tohyama, Michi.
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PUPILS OF THE RABBIT. [1962] 20p.
Order from K-H \$25.00 K-H 9428

Trans. of Nihon Yakuigaku Zasshi (Japan) 1958, v. 54
p. 452-458.

DESCRIPTORS: Pharmacology, *Nicotine, *Eye, *Light
adaptation, Rabbits.

(Biological Sciences-Pharmacology, TT, v. 9, no. 1)

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- II. K-H-9428
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Detroit, Mich.

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Bessho, Tametoshi and Betsusho, Tomeyoshi.
ON THE DEVELOPMENTAL ABNORMALITIES
PRODUCED BY NORMICOTINE IN CHICKEN
EMBRYOS. [1963] 33p. 25 refs.
Order from SLA \$3.60

I. Bessho, T.
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Trans. of Nippon Yakurigaku Zasshi (Japan) 1960,
v. 56, no. 5, p. 1223-1234.
Another trans. is available from K-H \$41.25 as
K-H-11627-1 [1963] 33p.

DESCRIPTORS: *Nicotine, Chickens, *Embryos,
Anomalies.

Chicken embryos were affected by normicotine as follows: (1) The allantoic fluid was reduced remarkably. (2) The body weights were always very low. (3) The decrease of the weight of the heart, liver, lungs and spleen was very remarkable, but that of the brain was not. (Biological Sciences--Toxicology, TT, v. 10, no. 7, p. 1223-1234, 1960)
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