EDITORIAL

239–242...... RETREAT OF THE FLUORIDE-FLUORIDATION PARADIGM
Albert W Burgstahler, Editor, Fluoride.
Hardy Limeback, Associate Editor, Fluoride.

RESEARCH REPORTS

243–248........ ARSENIC AND FLUORIDE INDUCED TOXICITY IN GASTROCNEMIUS
MUSCLE OF MICE AND ITS REVERSAL BY THERAPEUTIC AGENTS
NJ Chinoy, SB Nair, DD Jhala. Ahmedabad, India.

249–256........ MITIGATION OF GENOTOXIC EFFECTS OF FLUORIDE AND ARSENIC BY
ASCORBIC ACID IN HUMAN LYMPHOCYTE CULTURES
SB Nair, DD Jhala, NJ Chinoy. Ahmedabad, India.

257–263........ RECOVERY FROM FLUORIDE AND ALUMINIUM INDUCED FREE RADICAL
LIVER TOXICITY IN MICE
NJ Chinoy, AK Sharma, TN Patel, R Memon, DD Jhala. Ahmedabad, India.

264–270........ EFFECTS OF HIGH FLUORIDE AND LOW IODINE ON OXIDATIVE STRESS
AND ANTIOXIDANT DEFENSE OF THE BRAIN IN OFFSPRING RATS
Jundong Wang, Yaming Ge, Hongmei Ning, Shaolin Wang. Shanxi, China.

271–277........ FLUORIDE AND MAGNESIUM CONTENT IN SUPERFICIAL ENAMEL
LAYERS OF TEETH WITH EROSIONS
Danuta Waszkiel, Krystyna Opalko, Rytka Łagocka, Dariusz Chlubek. Bia'ystok
and Szczecin, Poland.

278–290....... EVALUATION OF DENTAL CARIES AND NURSING CARIES PREVALENCE
IN PRE-SCHOOL CHILDREN LIVING IN A HIGH FLUORIDE AREA OF
TURKEY
Zuhal Kirzioglu, Munciyi Semra Özay Ertürk, Hüseyin Karayilmaz. Isparta,
Turkey.

291–295....... MAGNESIUM-ALUMINUM MIXED OXIDES (MAO) FOR ALLEVIATING
FLUOROSIS IN GROWING-FINISHING PIGS
X Tao, ZR Xu, MS Xia, CH Hu, YZ Wang. Hangzhou, China.
Table of contents

296–300........ FLUORIDE IN NEWER TEA COMMODITIES
    Jin Cao, Jianwei Liu, Yan Zhao, Haiyan Qu, Sangbu Danzeng, Wei Da, Yuzhu Guan. Changsha, P.R.China

RESEARCH REVIEW
301–314........ EXCITOTOXICITY: A POSSIBLE CENTRAL MECHANISM IN FLUORIDE NEUROTOXICITY
    Russell L Blaylock. Ridgeland, MS, USA.

ABSTRACTS

HEALTH/BIOLOGICAL EFFECTS

315 ............... ASSOCIATION BETWEEN FLUORIDE, MAGNESIUM, ALUMINUM AND BONE QUALITY IN RENAL OSTEODYSTROPHY
    Ng AH, Hercz G, Kandel R, Grynpas. Toronto, ON, Canada.

DENTAL EFFECTS

315–316........ CHANGING PARADIGMS IN CONCEPTS ON DENTAL CARIES: CONSEQUENCES FOR ORAL HEALTH CARE
    Fejerskov O. Aarhus, Denmark.

316–317........ CONSUMPTION OF NONPUBLIC WATER: IMPLICATIONS FOR CHILDREN'S CARIES EXPERIENCE.
    Armfield JM, Spencer AJ. Adelaide, SA, Australia with comments by Mark Diesendorf, Epping, NSW, Australia.

318 ............... THE RELATIONSHIP BETWEEN DENTAL CARIES AND DENTAL FLUOROSIS IN AREAS WITH MODERATE- AND HIGH-FLUORIDE DRINKING WATER IN ETHIOPIA
    Wondwossen F, Astrom AN, Bjorvatn K, Bardsen A. Bergen, Norway.

318 ............... ASSOCIATIONS BETWEEN INTAKES OF FLUORIDE FROM BEVERAGES DURING INFANCY AND DENTAL FLUOROSIS OF PRIMARY TEETH

319–320........ WATER FLUORIDATION AND DENTAL CARIES IN 5- AND 12-YEAR-OLD CHILDREN FROM CANTERBURY AND WELLINGTON
    Lee M, Dennison PJ. Christchurch, New Zealand with comments by Bill Wilson, North Shore City, New Zealand.

320

CORRECTIONS

ANNOUNCEMENT

320 ............... THIRD ANNOUNCEMENT: XXVITH CONFERENCE OF THE INTERNATIONAL SOCIETY FOR FLUORIDE RESEARCH

BOOK REVIEW

    Darius Chlubek, editor. Reviewed by Bruce Spittle.

2004 INDEXES

324–325........ AUTHOR INDEX

326–328........ SUBJECT INDEX

Fluoride 2004;37(4)