

A Struggle With Titans pages:

62	ill health, damages claims, due to fluoride air pollution
81	individual fluoride intakes from air are unmeasurable contamination of urban air Meuse Valley disaster attributed to fluosilicate
82	Donora, Pennsylvania, disaster intake from air
83	official vs independent airborne fluoride findings factors affecting fluoride air pollution findings
116-118	lawsuits for airborne fluoride damage
196	fluoridation in areas with fluoride air pollution
243	fluoride levels in organs from polluted area of Utah unpublished
275	volcanic contamination of water supplies near Rome
282	damage and litigation in northern Switzerland
283	fluorosis in cattle in Germany damage to plants in Holland
293	PHS disregard intake from air
294	problem of adequate control in assessing human airborne exposure
324	C Dillon's evidence on adverse effect of airborne fluoride from Scottish factories on tooth structure
335	PHS ignores fluoride in studies on air contamination

Health Effects of Environmental Pollutants pages:

160-161	occurrence, effects, uses in industry
162-163	ubiquity in air, water and food

Fluorine in Stomatology and Hygiene pages:

569-596

619-622

597-626

651-3

Fluoridation and Truth Decay pages:

4 choice of fluoride in water or air

5-6 fluoride injury to cattle caused by Alcoa

6 fluoride damage comprised a "substantial part" of  
air pollution damage in 1967 to agricultural  
production in the US, estimated at \$500,000,000

12 no EPA standard for hydrogen fluoride

12 cheaper to pay fines than control  
fluorides — Reynolds Aluminium Co spokesman

12-13 suppression of fluoride air pollution evidence

13 fifty million pounds of fluoride gas and  
particulates released over England and Wales during  
1961 — Royal Commission

13 fluoride-emitting industries

13 HF emitted in the isolation of uranium 238

13 hazards and problems of fluoride in rocket propulsion

25 Meader trout farm poisoned by fluoride fallout

25 49 ppm in forage induced bovine fluorosis

25-6 research gives steel companies 10-year licence to  
continue polluting while study is completed

26 US Dept of Agriculture Handbook No 380

26 mottling in bovine fluorosis

26 factors affecting bovine fluorosis

26 farmers told to examine cows' teeth for fluorosis

26 visible damage in some plants, not others

Fluoridation and Truth Decay continued:

- 27 54 ppm in Santa Clara Valley, California, raspberry crop — air pollution, pesticides suspected
- 27 7 ppm FDA standard set after growers found they could not meet standards below this level
- 27 2 ppm standard for fluoride in food in Canada
- 27 24.6 ppm on spinach crops near fluoride-emitting plant at Troutdale, Oregon
- 27-8 opponents had more evidence on fluoride air pollution than the Los Angeles Air Pollution Control District
- 28 3 ppb found in air by Los Angeles Air Pollution Control District
- 30 Holland and her tulips hit hard by industrial fluoride pollution
- 31 Italy's serious fluoride pollution problems
- 33 appetite curbed in bovine fluorosis
- 61-2 Dr Waldbott studies effects of fluoride air pollution on vineyards and their owners in Italy
- 74 airborne fluoride in Long Beach from refineries, power plants
- 96 Javaman had skeletal fluorosis from volcanic pollution
- 96 damage to animals in Iceland after volcanic eruptions recorded back to 1000 AD
- 111-2 fluoroalkane aerosol propellants and cardiac toxicity
- 112 rise in death among asthmatics
- 112 death of youth from trichlorofluoromethane
- 113 reports show aerosol nebulizers made asthma worse
- 114 heart patients warned to avoid breathing aerosol gas
- 114 aerosol risk from "trash mashers"
- 114 call for blood serum analysis in aerosol users
- 114-6 attempted denigration of Taylor and Harris work on aerosols
- 117 Taylor and Harris finding that fluorinated aerosol propellants are potent cardiovascular toxins confirmed in every species tested



Fluoridation and Truth Decay continued:

- 118 fluorocarbon propellants found in adrenal glands
- 118 FDA concedes propellants are not inert
- 118 FDA dithers over propellants to  
accommodate manufacturers
- 118-9 aerosol lacquer to seal fluoride-treated  
tooth surfaces
- 122-3 fluoride in freshwater declared a pollution hazard
- 125 Electric Reduction Company of Canada fertilizer  
plant at Port Maitland, Ontario, fluoride pollution and  
destruction of animals/plants, poisoning of residents
- 125 ERCO vendetta after Waldbott advises  
residents to leave the area
- 125 fertilizer production halted during growing season at  
ERCO Port Maitland plant
- 127 damage to cattle from Rocky Mountain Phosphate Company
- 127 fluoride from Rocky Mountain Phosphate Company  
eats brass off doorknobs
- 127 children born with asthma near  
Rocky Mountain Phosphate Company
- 127 respiratory disease in adults near  
Rocky Mountain Phosphate Company
- 127 heart disease near Rocky Mountain Phosphate Company
- 127-8 school children attacked by fluoride from  
Rocky Mountain Phosphate Company
- 128 politicians refuse to admit fluoride the  
culprit in Garrison, Montana
- 128 US Steel steel and zinc works at Donora, Pennsylvania
- 128 report on role of fluoride in  
Donora disaster "out of print"
- 128 over 1000 ppm in vegetation after Donora disaster
- 129 chemist Sadtler not allowed to testify in  
court case on Donora disaster
- 129 out-of-court settlements by  
US Steel after Donora disaster

Fluoridation and Truth Decay continued:

- 129 damage to citrus groves by 17 Polk  
County, Florida, phosphate plants
- 129 cattle wiped out by 17 Polk  
County, Florida, phosphate plants
- 129 life of barbed wire formerly 20, now 4 years, near  
Polk County, Florida, phosphate plants
- 129 damage to paint and glass from  
Polk County, Florida, phosphate plants
- 129 eye irritation, sneezing and nosebleeds near  
Polk County, Florida, phosphate plants
- 129-130 Senators turn deaf ear to fluoride pollution
- 130-2 Barci v Intalco lawsuit over fluoride damage to  
crops, livestock and human health from aluminium plant
- 134 not technically or economically feasible to  
control fluoride emissions
- 134 new aluminium process to eliminate expense of  
containing fluoride emissions
- 134-5 depletion of cryolite instead of recycling fluorides
- 135 hopes dashed for fluorspar-free  
steel manufacturing process
- 136 out-of-court payoffs and settlements to farmers
- 139 soy-beans and alfalfa synthesise  
HF gas into fluoroacetate
- 140 similarity between death from  
compound 1080 poisoning and aerosol fluorocarbons
- 142 symptoms of fluoride damage to trees and gladiolus
- 142 smog in Los Angeles basin
- 143 80 ppm in gladiolus indicates 3 ppb in Los Angeles air
- 143-4 a different answer about fluoride air pollution in  
San Bernadino and growth of pine trees at Arrowhead
- 144 the disappearing Los Angeles  
fluoride monitoring instrument
- 145-7 fluoride in gasoline and exhaust fumes
- 147 mission accomplished — no emissions



Fluoridation and Truth Decay continued;

147-8 several decades spent on research into citrus crops  
148 calcium sprays ineffective in protecting citrus trees  
148-9 Kaiser Steel and pollution of  
California citrus groves  
149 split suture in peaches near aluminium mill  
149-152 fluoride air pollution damage in  
California and damage to pine trees  
153-4 experts claim pine damage caused by ozone  
154-5 \$10m investigation of pine tree deaths  
155-8 report on fluoride pollution from  
Anaconda Aluminium Company in  
Glacier National Park, Montana  
158 special chemicals required to  
remove fluoride from polluted fruits  
158-9 from 3 ppm up to 140 ppm in crops in first 73 days  
of operation of Harvey Aluminium Company,  
The Dalles, Oregon  
159 public expected to publicise fluoride air  
pollution facts  
160 opponents called "fright peddlers"  
160-1 increasing airborne fluoride pollution and the future  
161-2 US Dept of Agriculture Handbook No 380  
163 apparent "sweetheart contract" between  
government and industry  
163 EPA fails to set standard for airborne fluoride  
163 no standard for airborne fluoride in California  
163 HF omitted from 1970 US Clean Air Act  
163 fluoride 1000 times more toxic than SO<sub>2</sub>  
163-4 no affluence without effluents  
164 excuses for failure to set airborne fluoride standards  
164 fluoride kills silkworms in Japan  
164 damage to bee colonies worldwide  
164 damage to Dutch tulips

Fluoridation and Truth Decay continued:

- 164 reduced yield and poisoning of  
citrus, crops, forestland
- 165 mottled teeth near Russian fluoride-emitting source
- 165 neighbourhood fluorosis, accumulation and  
musculo-skeletal, gastrointestinal and  
respiratory symptoms
- 165 complete retention of airborne fluoride in lung
- 165 less fluorosis in animals kept indoors near  
airborne fluoride source
- 165 fluorosis similar to animals found in humans with  
long-term ingestion of atmospheric fluorides
- 165 fluoride air pollution may be life-shortening
- 165 lungs absorb gaseous and particulate fluorides equally
- 165 46% with active TB near Russian aluminium plant
- 165 lowered child hemoglobin near  
Czechoslovakian aluminium plant
- 166 children near superphosphate plant had  
higher respiratory and TB frequency
- 166 fluoride poisoning symptoms and  
knee-joint osteosclerosis  
near Japanese aluminium plant
- 166 psychological and respiratory effects near  
phosphate plant
- 166 Chizzola maculae near Italian aluminium factory
- 166 pre-skeletal fluorosis including  
neurological, respiratory and gastrointestinal symptoms  
near Canada, Michigan and Iowa fertilizer plants
- 166 Italians recommend removal of people from affected area
- 166-7 false assurance of Rocky Mountain Phosphate Company
- 167 Birmingham, Alabama steel fume pollution disaster
- 167 no standards or monitoring for fluoride in  
Birmingham, Alabama
- 167-8 note gets past the censors
- 168 UFO's take the rap for fluoride for  
second time in Birmingham, Alabama



Fluoridation and Truth Decay continued:

168-9 EPA smells no evil  
170 fluoridation promoters set standard for  
airborne fluoride based on lack of evidence  
171 author suggests way for EPA to detect fluoride damage  
171 Russians report mutagenic changes from  
minute amounts of airborne fluoride  
174-5 CSPI suggest Kaiser Steel pay for  
analyses at Arrowhead  
176 pollution resistant tree species no answer  
187-9 recommended measures in the war on fluoride pollution  
196 X-rays show higher incidence of respiratory ailments  
and TB in children near Soviet superphosphate plant  
271 sources of fluoride air pollution  
271 aerosol and positive sputum pap tests  
271-2 aerosol deodorants and lung damage  
272 CFC propellants and sudden heart failure  
272 routine use of aerosols may be factor in lung cancer  
280 Italy's WHO delegate emphasizes fluoride  
pollution problems in Italy  
290 fluoride designated "a highest priority pollutant" by  
US President's Science Advisory Committee  
291 sulphur dioxide — the scapegoat  
292-3 agricultural yearbooks acknowledge seriousness of  
fluoride air pollution to plants  
292-3 how to recognise fluoride air  
pollution damage to plants



The Fluoride Question pages:

21	dental fluorosis near volcanic areas
138	first recorded lawsuit for damages against a fluoride polluter
142	arrival and subsequent closure of the Rocky Mountain Phosphate Company in Garrison, Montana

Environmental Fluoride 1977 pages:

9-10	gaseous and particulate forms of fluoride emission
10	emissions from aluminium smelting in Canada and US steel industry emissions studied less phosphate industry emissions
11	table 1: total Canadian emissions in 1972
12	table 2: estimated US emissions, 1968/1970 data
13	table 3: emission rates in various reports on the aluminium industry
14	table 4: aluminium industry emission rates in Canada and the US
15	table 5: emissions from phosphate fertilizer plants
16	emissions from glass manufacture
16	no data on emissions from hydrofluoric acid alkylation process
16	no data on emissions from domestic burning of coal
16	34-72% of coal fluoride released from industrial burning: content 0.0025 to 0.039%
19	ambient air fluoride usually less than level of detection
	contribution of volcanic and other natural sources
	all airborne fluoride above 0.05 micrograms/m <sup>3</sup> from man-made sources
20	range distributions found in urban and non-urban areas

Environmental Fluoride 1977 continued;

- 20 peak fluoride concentrations from point  
sources "rarely available because they  
occur over company land"
- levels found near aluminium and steel plants
- 20 atmospheric stratification  
data gathered by static and dynamic  
air sampling devices  
shielding effect of vegetation
- 21 atmospheric stratification
- 22 shielding effect of vegetation  
shielding effect of terrain  
position of air sampling devices  
factors influencing fluoride content of vegetation
- 23 fluoride levels and damage; Scottish aluminium smelter  
fluoride levels and damage; Canadian aluminium smelter  
extensive injury to vegetation; Montana smelter
- 23 fluoride levels and damage; Canadian phosphate plant
- 23-24 "twenty-plus square mile 'death band' of  
dead timber trees around Kitimat, BC smelter"
- 24 fluoride in beech leaves in urban and non-urban Austria  
source of airborne fluoride giving rise to the background  
level in river water in dispute
- 78 intake from cigarettes
- 83 intake from air
- 87-89 neighbourhood fluorosis
- 87 no screening for residents near
- 106 assessment of fluoride intake from air
- 107 overview and recommended research for the future;  
airborne fluoride output in Canada and North America  
amounts discharged as wastewater several times  
larger than amounts discharged as air pollution



107            consideration of stratification and shielding when  
                 siting air pollution monitoring devices  
         effects on forests, aquatic life, insects and plankton  
         30-day airborne F<sup>-</sup> not to exceed 0.2 micrograms/m<sup>3</sup> for  
                 Canadian species  
                 wildlife more susceptible than livestock  
110-111            recommendations of NAS report:  
110            on health effects of airborne fluoride  
         on standardization of airborne fluoride sampling methods  
                 on uptake of fluoride from air by plants  
                 on fluoride bonding and solubility in plant tissue

2-9	diseases due to air pollution
28-31	climate, effect on
	sources of airborne F-
37-9	effect of airborne F- on food and vegetation
127-8	climate, effect on
127-145	diseases due to air pollution
128-131	effect of airborne F- on food and vegetation
129	sources of airborne F-
	effect of airborne F- on food and vegetation
140	effect of airborne F- on food and vegetation
199	diseases due to air pollution
254-5	sources of airborne F-
255	effect of airborne F- on food and vegetation
296	effect of airborne F- on food and vegetation
	sources of airborne F-

Fluoridation \ The Great Dilemma continued:

298-9	diseases due to air pollution
	effect of airborne F <sup>-</sup> on food and vegetation
	sources of airborne F <sup>-</sup>
362	effect of airborne F <sup>-</sup> on food and vegetation
363	diseases due to air pollution
364	sources of airborne F <sup>-</sup>

Fluoridation 1979:

Scientific Criticisms and Fluoride Dangers pages:

123-130	atmospheric fluoride
123	absorption of fluoride from the atmosphere
124	industrial pollution
126	the spread of fluoride contamination
128	diverse types of damage from fluoride
129	atmospheric fluoride is not monitored by the Environment Protection Agency
214	fluoride damage to trees, plants and cut flowers
274	release of hexafluoride gas from uranium enrichment plants
274-5	aluminium smelters planned for Victoria
275	aluminium smelters in New South Wales
276	effect of fluoride pollution on viniculture
277	fluoride emission from aluminium smelter
277	"yet another man-made pollution disaster" caused by Reynolds Metals Company smelter
278	cattle fluorosis at Cornwall Island
278	delayed tooth eruption in Cornwall Island cattle
278	mottling in Cornwall Island cattle



Fluoridation 1979:

Scientific Criticisms and Fluoride Dangers continued:

279	effect on ameloblasts, odontoblasts
279	effect on osteocytes, osteoblasts
279	severe attrition in Cornwall Island cattle
279	periodontal effects in Cornwall Island cattle
280	alveolar recession in Cornwall Island cattle
280	stunted growth in Cornwall Island cattle
280	transplacental transmission in cattle
280-1	delayed eruption of permanent teeth
282	air pollution over Melbourne and Geelong
283	fluoride from brown coal burning
283	atmospheric pollution
284	fluoride fall out

Fluoride \ The Aging Factor pages:

11	mass poisonings from airborne fluoride:
	Maryland
	Florida
	Quebec
	Ohio
	Oregon
	Washington
	British Columbia
	Donora, Pennsylvania
	Meuse Valley, Belgium
	Spencer County, Indiana

Fluoride in Australia \ A Case to Answer pages:

- 43 contribution of cigarette smoking to  
atmospheric fluoride pollution
- 43 intake in or near fluoride-producing industries of  
particular concern in assessment of total dosage
- 43 Victorian Committee of Inquiry dismisses  
air pollution in one paragraph
- 45 susceptibility of leafy and root vegetables to  
air and soil pollution
- 47 cattle develop skeletal fluorosis — owners get damages
- 54 cattle fluorosis in Frieburg, Germany
- 54 500,000 tons of industrial fluoride waste is  
spewed into the air each year
- 54 Quebec Government Committee of Inquiry into  
Fluoridation on fluoride air pollution
- 54 fluorides have caused more damage to  
livestock than any other air pollutant  
— NSW State Pollution Control Commission
- 54 damage to Hunter Valley fauna and cattle from  
Alcan Australia smelter
- 54 damage to bees in Hunter Valley from  
Alcan Australia smelter
- 54 damage to flowers in Hunter Valley from  
Alcan Australia smelter
- 54 damage to grapes in Hunter Valley from  
Alcan Australia smelter
- 54 tank water 1.14 ppm — indicative of heavy  
atmospheric fluoride concentrations near  
Alcan Australia smelter
- 54 lawsuits for damage to crops and livestock
- 54 muscular, skeletal, nervous and blood system  
abnormalities in residents near St Regis smelters
- 55 emissions from Alcan smelter at Kurri Kurri, NSW, nine  
times higher than permitted in the United States
- 55 emissions from ALCOA smelter at Point Henry, Victoria,  
four times higher than permitted US level



*discrepancies in, and pragmatic nature of,  
permitted levels*

151-2	fluoride pollution in Brugge
155	fluoride pollution in Brugge

X 1 Feb-Mar 1964  
XI 2 Mar-Apr 1965  
XI 4 Jun-Aug 1965  
XII 2 Mar-May 1966  
XIII 1 Jan-Feb 1967  
XIII 4 Jul-Aug 1967  
XIII 6 Nov-Dec 1967  
XIV 1 Jan-Feb 1968  
XIV 2 Mar-Apr 1968  
XIV 4 Jul-Aug 1968  
XIV 6 Nov-Dec 1968  
XV 1 Jan-Feb 1969  
XV 2 Mar-Apr 1969  
XV 4 Jul-Aug 1969  
XV 5 Sep-Oct 1969  
XVI 1 Jan-Feb 1970  
XVI 2 Mar-May 1970  
XVII 1 Jan-Feb 1971

**\$10m bridge destroyed by F-  
emissions from Harshaw Chemical Company**

National Fluoridation News continued:

XVII 2 Mar-Apr 1971	
XVII 3 May-Jun 1971	(2)
XVII 4 Jul-Aug 1971	
XVII 6 Nov-Dec 1971	
XVIII 1 Jan-Mar 1972	
XIX 2 Apr-Jun 1973	(2)
XIX 3 Jul-Sep 1973	
XXI 4 Oct-Dec 1975	
XXII 1 Jan-Mar 1976	(2)
XXII 4 Oct-Dec 1976	
XXIII 1 Jan-Mar 1977	
XXIII 2 Apr-Jun 1977	
XXIII 3 Jul-Sep 1977	(2)
XXV 1 Jan-Mar 1979	
XXV 2 Apr-Jul 1979	
XXV 3 Aug-Oct 1979	
XXVI 2 Apr-Jun 1980	
XXVI 4 Oct-Dec 1980	(West and East) (in Scott)
XXVII 1 Jan-Mar 1981	
XXVII 3 Jul-Oct 1981	
XXIX 2 Summer 1983	
XXX 2 Summer 1984	
XXXI 4 Spring 1986	Video available
XXXII 3 1987-88	Israel monitors pollution Fluorides as "Major Plant Toxic Pollutants"