Nutritional Anthropology™: Eating in Harmony with our Genetic Heritage

May 2002

The Bond Effect

vol 5.05

NATURAL EATING NATURAL EATING NATURAL EATING



www.naturaleater.com

www.savvyeater.com

Straight from the Shoulder Advice. We accept no reward from companies mentioned in this newsletter. We are independent of commercial pressure and say exactly what we think.

Witness: Chris Clayton. Lifestyle: Smoking deranges. Public Health: Obesity costs. Food Supply: Poultry Antibiotic. Food/Disease: Omega 6 deranges; Grain Fungus Cancer. Q&A: Chimp meat and Foliage; Quorn; Apple Sweetness. Food/Disease: High Carb Myopia; Gluten Ataxia; Low Calorie Cancer Reduction; Oily fish/Arrhythmia. Hints & Tips: Kids Produce; Wild Fish Savvy; Label Laziness. Vanity Fair: Botox. Exercise/Cancer: Cancer and Fitness. Talk Report: Cancer Victors. Exercise Planner.

What People Say

From Chris Clayton

"Let me thank you for developing the Natural Eating principles. I cannot begin to tell you how much it has changed my life. I am at the peak of health. Thanks!"

Lifestyle

Smoke Gets in your Mind

In separate studies¹ Karen Lasser and Elizabeth Goodman have come up with some startling conclusions.

Smoking actually *increases* mental disorders. This is contrary to the received wisdom whereby mentally distressed people take up smoking to find comfort.

Mentally healthy adolescents who took up smoking had a four times greater incidence of depression, panic attacks, schizophrenia and phobias than those who abstained.

Continued page 5

Public Health

Death by a 1000 Cuts

Obesity costs the American public more than tobacco related diseases². Reason? Tobacco kills more quickly. Even so, being obese adds 20 years to a person's biological age.

Our Food Supply

Chicken Antibiotic Retreat

Tyson Foods, Perdue Farms and Foster Farms (who between them produce a third of all US chickens) have quietly stopped using Baytril and Cipro, both antibiotics manufactured by Bayer A.G.

A change of heart? Only due to the refusal of McDonalds, Wendy's and Popeye's to buy antibiotic chicken.

It is estimated that 26.6 million pounds of antibiotics are used each year in the poultry industry. So how do you ensure your supermarket chicken is antibiotic free?

Buy organic!

Food/Disease Links

Omega Oil Unbalances

There is a growing body of evidence³ that links low omega-3 intakes to manic-depression, suicide and post-natal depression.

Harvard researchers gave two groups of hospitalized depressed patients diets that were high in omega-3 and omega-6, respectively. The results were so dramatic that after three months, the scientists were directed by a research oversight committee to stop the experiment and allow all the subjects to take omega-3.

Continued page 4

Grain Fungus Provokes Testicular Cancer

Mothers who have diets high in grains (or pork from pigs fed on grains) run the risk of their male babies getting testicular cancer later in life from ochratoxin A poisoning⁴ produced by a mold.

Continued page 5

¹ New Scientist; April 12 2002

² Sturm; Health Affairs; March 2002

³ Hibbeln; NIH Presentation; April 17 2002

⁴ Schwartz; Cancer Causes; February 2002

The Bond Effect Newsletter

Recipe

No recipe again this month – to the Exercise Planner on page 5. We are sure that readers will appreciate the fiber-rich plant food. change of emphasis this time.

Questions

Chimp's Meat with Foliage

Q. Chimpanzees, who share over 98% DNA with us, eat meat on occasion. It seems that after foliage: leaves and whatever is closest to them, even if it isn't part become freely available of their normal diet. chimps responding to instinctual more. drives to eat plant material to help with the digestion of the meat?

A. As described in the Book, Chapter 3, male chimpanzees do, at various special times of the year go in for hunting apparently in connection with Food, England, is a meat submale power struggles and female seduction. Both genders then partake of the meat.

Is this a model for humans? Yes and No.

male's that the human preoccupation with hunting is everything to do with male power struggles. And the best hunter Now Quorn has come to America. Q. Different varieties of apple are prowess ingenuity, (showing heroism, strength etc...) was the that got the females. one However the actual contribution of markets. hunted meat to the annual diet was very modest.

No, in the sense that, unlike chimpanzees, 'animal matter' just gathered in the form of bugs, shellfish, eggs, tortoises etc..., continuous Quorn. was an important, and daily part of the human diet.

As for the consumption of foliage after meat, muscle fibers and give Quorn the this is a new assertion for us. It is texture of meat. Quorn has been certainly plausible that this aids eaten over the past 16 years, with we have given over the space transit through the digestive tract few problems. and it ties in with what we know about the human digestion: we In documents submitted to the need a high throughput of soluble F.D.A., Marlow Foods said it had

safe? What are your views?

A. We have written briefly, but approvingly, about Quorn in our So many people have eaten eating flesh they immediately eat newsletters of September 2000 Quorn (in Europe) that, last year, and January 2002. Now it has the F.D.A. agreed Marlow could Are the America and people want to know

> Europeans have been eating Quorn nuggets, cutlets, and patties for 16 years. Many say it Our View? tastes like chicken.

stitute made from a kind of a The alternatives, like soy and fungus. It is grown in fermentation wheat gluten are biological tanks and processed into a low- nightmares and are definitely to fat, protein-rich substance that be avoided. has some of the texture of meat.

tried it, consuming nearly a billion the final meat-free Quorn product. portions.

Since January, Americans have much sweeter than others. Are bought half a million boxes in they more glycemic? health food stores and super-

A major question is Quorn's Many varieties of apple get their labeling, which says its chief intense sweetness from a high ingredient "comes from a small, proportion of fructose. unassuming member of the mushroom family." True, mushroom is a fungus, and so is Smith actually has as much

The fungus that makes Quorn is Granny Smith, a higher proportion Fusarium venenatum. It forms of it is glucose and less fructose:

chimpanzee's fine filaments, which are a bit like

received complaints from only 1 in 146,000 consumers. Of all the **Quorn Comes To America** complaints only a tiny 1 in **Q.** What is this new vegetarian 3 million were genuine food meat substitute called Quorn? Is it allergies. This is far lower than that for more common foods like soy and fish or shellfish.

> in market it in America under the category "generally recognized as safe". This is applied to many familiar foods that people have been eating for a long time.

If you are into vegetarian meat 'look-alikes' then Quorn has to be, Quorn, manufactured by Marlow by far, the best of the bunch.

The only caveat is to check what Yes, because we now understand Twenty million Europeans have other ingredients are confected in

Apple Sweetness

A. For the moment it seems not (see Newsletter of March 2002).

a For example the sour Granny 'sugar' as the sweet Golden Delicious. It's just that, in the

Variety	All Sugars	Of which Fructose
Cox's Pippin	11.4 %	49 %
Golden	10.8 %	65 %
Delicious		
Granny	11.5 %	52 %
Smith		
Red Dessert	13.0 %	60 %

Are these differences significant? include in your diet.

But do avoid juicing - that raises poisoning are not present - such the glycemic index and it is too as gastrointestinal upsets and easy to over-consume apples like itchy skin rashes. that in one go. The bad sugars hit the bloodstream too fast.

Food-Disease Links

High Carb Diet makes Children Myopic

Refined starches, such as those found in bread and cereal, are making Western children shortsighted⁵.

The high glycemic diet raises insulin levels abnormally, which in turn cause the eyeball to develop abnormally.

Eskimos and Polynesians have seen myopia rates soar in recent years as they move to a Western diet.

The with theory ties in observations that people are more vulnerable to myopia if they are overweight or have adultonset diabetes - both conditions with increased insulin levels.

Our View? The list of harms done to us by a high glycemic diet gets ever longer.

The Bond Effect Newsletter

Wheat Gluten Sabotages **Muscle Coordination**

You may have wheat sensitivity and not even know it⁶. Loss of coordination (ataxia) results from consuming wheat gluten. lt poisons certain types of brain neuron. This "disease" is known as gluten ataxia.

So far, it would seem not. Apples The researchers were surprised of any variety are still good to that wheat-induced loss of muscle coordination can happen even when other symptoms of gluten

> Our View? This just confirms the topsy-turvy world our medical scientists live in. It is NORMAL to be poisoned by wheat. It is not a "disease"!

Low Calorie Diet reduces **Intestinal Cancers in Mice**

Many studies on humans as well as animals have shown how caloric restriction reduces cancerous cells.

The latest shows how mice allowed to eat all they want not only got fat, but they increased pre-cancerous intestinal cells by 2¹/₂ times! This was compared to mice on a diet of 60% of their labeling. calories.

Our View? Humans, like mice, will eat just as long as food is there. They too, do more than get fat, they develop cancers.

Omega-3 fight Arrhythmias

Daily consumption of omega-3 rich fish HALVES the risk of sudden death in heart attack survivors'.

As any Natural Eater knows... The omega-3 fatty acid regulates electrical activity in heart muscles!

⁶ Neurology; April 23 2002

Hints and Tips

Focusing Kids on Produce

Put your kids in charge! On each shopping trip let them select one new fruit or vegetable. Let them be responsible for its preparation and telling the rest of the family about where it comes from, its nutritional value and its history.

It's a fun way to keep them focused while you are shopping and to instill in them healthy habits from an early age.

Wild Fish Savvy

Patrick Garlepp, Ironman triathlete, fisherman and a long-time Natural Eater makes a good point about farmed salmon: they are fed with 'chow' that is mainly grains - and so their flesh is deficient in the 'good' omega-3 oils. (Another gross distortion of nature - salmon are carnivores fancy feeding them on birdseed!)

Wild salmon, although more expensive, taste a lot better and still retain their 'good' oil profile.

Always look for the 'Wild' label. Garlepp says that "Atlantic" salmon is fish farmed and isn't caught wild in the Atlantic as one is given to suppose by duplicitous

Label Laziness

According to a new survey carried out by Purdue University on sales of genetically modified food, participants failed to read labels properly - even when left in a room with nothing else to do.

Our View? It all sounds only too plausible. Food labeling has only been introduced in the teeth of fierce opposition from the food industry. Make use of this hard won knowledge - READ THE LABELS! And when you've done that make sure you understand what they say...

New Scientist; 04 April 2002.

⁷ Marchioli, Circulation; April 12 2002

The Bond Effect Newsletter

Vanity Fair

Botox Smoothes Wrinkles

It used to be that "botulism" was a dreaded form of food poisoning. when several For example, passengers on a Japanese airliner died from a contaminated crab meal, the head of catering committed suicide.

The neurotoxins (produced by a bacterium) work by paralyzing many muscles, including those for breathing.

BUT: "Poison is in the dose" so said the great medieval medical thinker, Paracelsus.

And so the ever-inventive cosmetic industry has discovered that botulin (or 'botox') in tiny doses injected under the facial skin, disables the muscles that cause wrinkles, making these 'blemishes' disappear.

The effect is temporary, lasting for about three months.

Our view? It's a judgment call. Do you really want to paralyze little muscles for three months knowing there is a neurotoxin in the syringe?

Exercise/Cancer Link

Unfit for Cancer

Physically fit people are less likely to die of cancer - even smoking related lung cancer⁸. Over 25,000 men aged between 30 and 87 were studied for 10 years.

These were the REDUCTIONS compared to UNFIT people:

	High	Medium
	Fitness	Fitness
All Cancers	- 55%	- 38%
Colon, Prostate, Leukemia	- 46%	- 34%
Lung, Mouth	- 66%	- 43%

⁸Selby; J. Med Sp Ex.; May 2002

To have 'medium' fitness, a person has to run 20 to 40 minutes, 3 to 5 times a week.

To have 'high' fitness a person would have to be at the recreationally competitive level.

people smoked least:

High fitness	10% smoked
Med Fitness	20% smoked
Unfit	33% smoked

Another study⁹ on 7,500 men over 19 years in Britain found that there is no benefit with exercise that is less intense than 'medium'.

Our View? This fits in very well with our knowledge of the exercise pattern to which the species is naturally human adapted (Natural Eating Book, chapter 11).

It is significant that these studies were carried out on men. We would expect from evolutionary theory that women could get by with less exercise.

Talk Report

Cancer Victors Hear Hope On Tuesday May 28th, an overflowing hall heard Geoff Bond give a rousing talk to a meeting of the Cancer Victors of Santa Barbara.

Geoff described what it means to be a human being in nutritional terms and how cancer is a disease of modern societies. He went on to show how cancer and other major diseases can be beaten back using the Natural Eating insights.

"Thanks again for such a terrific presentation", said chairman John Finch.

⁹ B. J. Cancer; Nov. 2001

From Page 1

Omega Oil Unbalances

Omega-3 is critical to the growth of brain cell membranes. That is where all-important neurotransmitters bounce between As one might expect, the fittest cells, communicating all sorts of messages, including those related to feelings of well-being.

> Our View? Yet another vindication of our crusade against the harm caused by the denaturing of our food supply to the point where it is making us so sick in so many unsuspected ways.

> Omega-6 oil is an all-pervasive component of modern human diets that rely heavily on processed foods, grains and grain-fed farm animals.

> On the other hand major depression is 60 times greater in New Zealand than in Japan where omega-3-rich fish consumption is 4 times as much.

> Moral? The message doesn't change! Drive those omega-6 oils out of the diet at every opportunity. Move to Canola (rapeseed) and all the 'good' omega-3 oils. (Natural Eating Book pages 79 to 83.)

Weekly Exercise

Prototype Exercise Planner

Any weight-loss and healthy lifestyle has to incorporate exercise in accordance with our naturally adapted programming. This is a simple, step-by-step guide to ensure that you clock off the exercise in a way that suits your particular exercise habits.

Let us have your feedback. Is it easy to understand? Is it easy to use?

Weekly Exercise Planner

Healthy Aerobic Guidelines:

- Warm up for 5 to 10 minutes before each aerobic activity
- Maintain exercise intensity for 30 to 45 minutes
- Gradually decrease the intensity of the workout, then stretch and cool down during the last 5 to 10 minutes.

BEGINNER

Week 1

CHECK THESE ACTIVITIES OFF AS YOU DO THEM

Try to check off two red squares \swarrow per day. Check off at least 10 red squares \bowtie in a week. Optional blue squares \bowtie : You can do these as well as red squares \bigstar , instead of \bigstar , or not at all.

Golf – 9 holes	B	ø	Ø	ø	Ø	ø	Ø	Ø	ø	Ø
Dancing fast (15 – 20 mins)	Ľ	æ Æ	~ £	æ	~ £	~ £	æ	~~ Æ	æ	æ
Basketball, Volleyball (15 – 20 mins)	Ŕ	Ł	ø	Ľ	ĸ	ß	ø	ø	ø	ß
Walking briskly (15 – 20 mins)	Æ	ø	ĸ	ø	ø	ø	K	ø	K	ø
Washing Windows or Floors (15 – 20 mins)	Ŕ	Æ	ø	Ł	ø	Æ	Ľ	Ľ	Ł	ø
Swimming, water aerobics (15 – 20 mins)	K.	s zz	Ľ	Ł	ø	Æ	Ł	Ł	Ł	Ł
Tennis (15 – 20 mins)	Ľ	Ŕ	Ľ	Ŕ	Ŕ	ø	Ŕ	ø	Ł	Ŕ
Shoveling snow (15 – 20 mins)	Ŕ	ø	Ø	ø	ø	Ŕ	ø	ø	ø	ø
Gardening (15 – 20 mins)	Ł	Ł	Ľ	Ł	Ł	ø	ø	ø	Ł	ø
Wash and Wax Car (15 – 20 mins)	Ŕ	Ł	ø	Ł	Ł	Ľ	ø	ø	Ł	ø
Jogging, running, squash – (15 – 20 mins)	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø
Swimming hard (15 – 20 mins)	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø
Cycling vigorously (15 – 20 mins)	ø	ø	ø	ø	ø	ø	ø	ø	ø	ø
Manual laboring (15 – 20 mins)	ø	ø	ø	ø	ĸ	ø	ø	ø	ø	ø
Weight Training (15 – 20 mins)	Ŕ	ø	ø	ø	ĸ	Æ	ø	ø	Ł	ø
Cycling hard, Power Walking (15 – 20 mins)	ø	Æ	ø	ø	ø	ø	ø	ø	ø	ø

From Page 1

ø

Smoke gets in your Mind

Another researcher Geoffrey Johnson of New York State Psychiatric Institute found that 16 year olds in good mental health who smoked a packet or more of cigarettes a day were 16 times more likely to develop panic disorder, 7 times more likely to become agoraphobic¹⁰ and 5 times more likely to

¹⁰ prone to panic attack in open or public spaces develop generalized anxiety disorder (GAD) than people who stuck to less than one pack a day.

"It's more likely that smoking is a cause, not a consequence", says Johnson.

Grain/Testicular Cancer

Is there no remedy? Remarkably, the much, and unjustly, maligned Aspartame has been found to be a great antidote to ochratoxin A!

Beta-carotene and vitamins C and E are useful too.

Moral? Stick to the Natural Eating Pattern and you won't be ingesting grains. To make assurance double sure, your diet will also be rich in all those micronutrient antagonists.

Upcoming Events

Geoff Bond is not doing any public appearances this month but check the 'events' button for breaking news at:

www.naturaleater.com

NEW! Check our site for the downloadable Natural Eating System! <u>www</u>	1 1		
RESOURCES	qty	US\$	Amoun
The Book: The 'Bible' to Natural Eating. ISBN: 0-9712852-4-1		19.95	
The Book: in the German language. hardback, full color. ISBN 3-89530-064-0		25.00	
The Introductory Guide: the easy-to-read essence of Natural Eating. ISBN 0-971285-2-5.		9.95	
New easy price tool		7.95	
Healthy Cooking with the Bond Girl – NEW HARDBACK, COMB-BOUND FORMAT		19.95	
AT A CHEAPER PRICE! Over 80 delicious conforming recipes. ISBN 0-9712852-3-3		14.95	
The Toolbox/Manual: The indispensable guide for the serious practitioner. ISBN 0-971285-1-7		19.95	
Web Membership: access to the member's area for <u>ONE YEAR</u> . Download the latest		18.00	
newsletters; have your questions answered (S&H not required)			
The Newsletter: 12 monthly issues: Mail (S&H required)		52.50	
Web Download: (See 'membership')		18.00	
SYSTEM BUNDLE (Printed Newsletter): A VALUE OF \$121.80!		99.95	
Book, Guide, Healthy Cooking with Bond Girl, Manual, One-Year Mail Newsletter. SYSTEM BUNDLE (e-newsletter): A VALUE OF \$80.80!		69.95	
Book, Guide, Healthy Cooking with Bond Girl, Manual , One-Year Web Membership		09.95	
book, Sunde, Realing Cooking with bond Sing Mandair, One Year Web Membership	5		
ADD: Shipping (Priority Mail) and Handling Rates from this Schedule:			
Sub-total value: \$00.00 to \$19.00 \$19.01 to \$39.00	S&H S&H	2.95	
\$19.01 to \$59.00 \$39.01 to \$59.00	S&H S&H	4.30	
\$59.01 to \$89.00 (Ask about special rates for special delivery, bulk orders and media rate.)	S&H	8.50	
(Ask about special rates for special delivery, bulk orders and media rate.)		Total	
Name: Shipping Address (if different)			
Address:			
Address.			
City/State/Zip City/State/Zip			
Phone: Your e-mail:			
Charge My Visa/MasterCard/JCB Expiry Date (mm/yy)			
Card Number] - [
Signed:Date			
US: Natural Eating LLC, PMB 171, 420 N. Nellis Bvd. #A3, Las Vegas, NV 89110, USA. Toll-Free: 1-888-24 UK: Natural Eating Ltd, 7, Maxwelton Close, London NW7 3NA. Tel: 0208 959 7549; Fax: 0208 959 2110			

Everywhere: e-mail: info@naturaleater.com; Web: www.naturaleater.com

Keywords: Clayton, smoking, mental disorders, chicken, antibiotic, obesity costs, omega 3, fish oils, mood, grain fungus, ochratoxin A, chimpanzee meat, Quorn, apple, glycemia, myopia, gluten, ataxia, intestinal cancer, leukemia, Atlantic, salmon, produce, botox, fitness, lung cancer, prostate cancer, cancer victors, arrhythmia, daily exercise planner, Fink.

"Natural Eating" and "Nutritional Anthropology" are registered trademarks of Geoff Bond © 2002 Geoff Bond. Editor: Geoff Bond. Printed and published by Natural Eating LLC