

SociomeTree Survey Results

Final Incident Report
Presented at Sociometry Fair 2004
Lost Wages, Nevada

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Hey, are all the numbered statements in this survey true?

1. At the most fundamental level, all matter is simply *energy* in different forms.

84% a. Sure, I remember that from some physics or chemistry

10% b. News to me but I'll go along

10% c. Hard to believe

2% d. Ridiculous

$$E = mc^2$$

- Numbers 1-5 are statements of fact.
- Number 6 is a trick question that reflects our public misinformation (see comments at that item).
- For many people statement 7 is true.
- Statement 8 is the big question of this survey. Some folks are adamant this is true. Did more people answer positively (a or b) because the survey itself led them down that woodland path?

➤ But when my mass is more
I'm less incline to move.
➤ Atoms are very small



2. The more massive a thing is, the more energy it contains.

- 59%** a. Sure thing
- 15%** b. News to me but ok
- 15%** c. Hard to believe
- 11%** d. Ridiculous



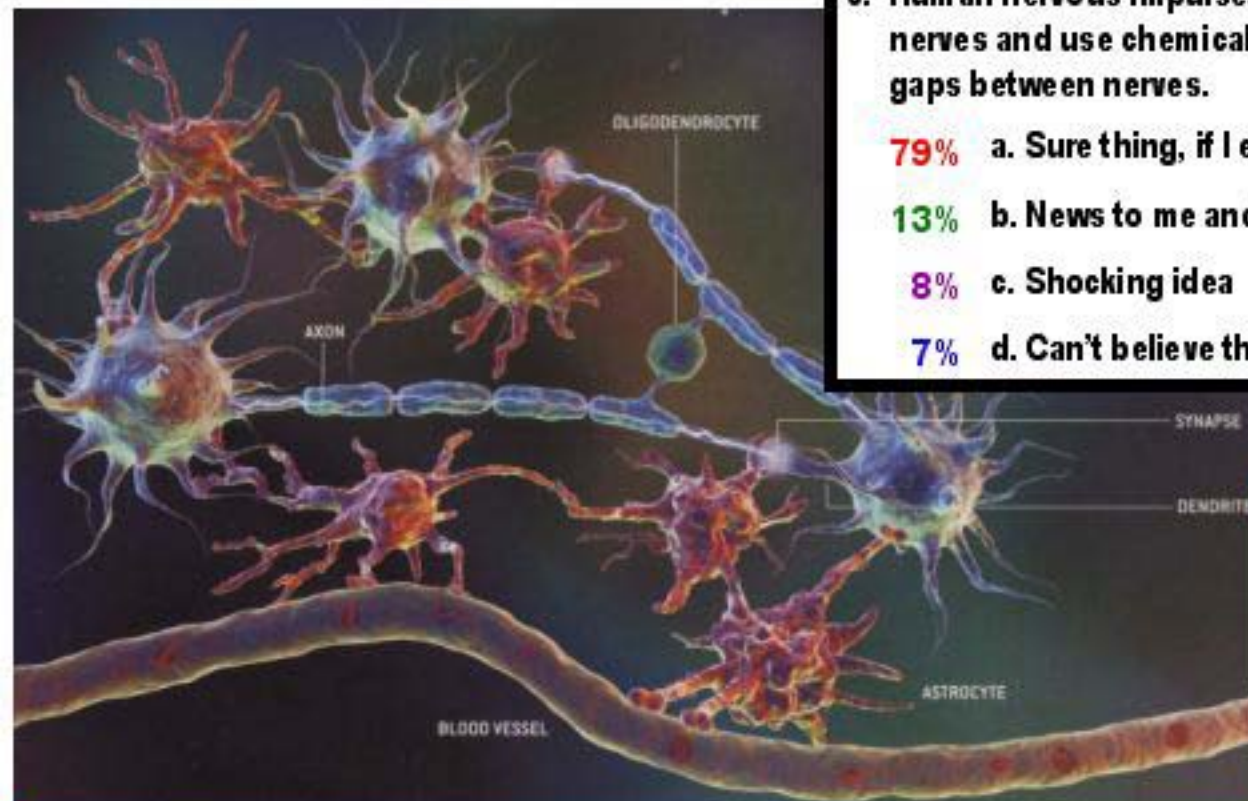
3. Human nervous impulses travel as electrical signals along our nerves and use chemicals, like a-cetyl-cholin-ester-ase, to bridge gaps between nerves.

79% a. Sure thing, if I ever knew that much biology

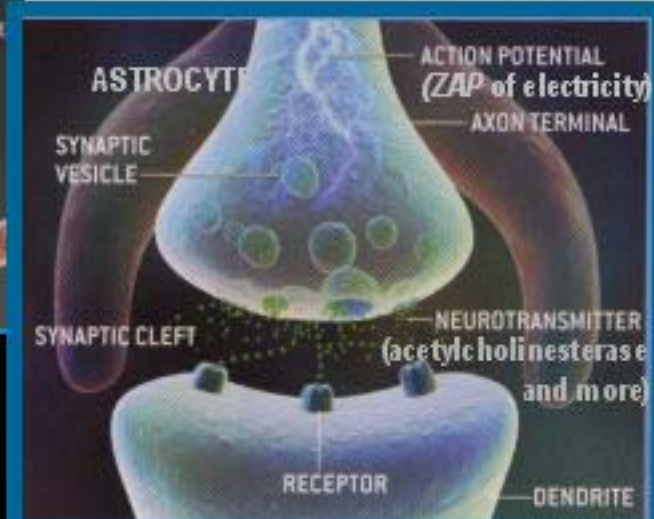
13% b. News to me and kind of interesting

8% c. Shocking idea

7% d. Can't believe this one



A nerve signal zooms down a long axon then it jumps across a synaptic gap to a dendrite on another nerve. An electric zap and neurotransmitters boost the signal across the gap (see closeup). Astrocytes bring nutrients to nerves and regulate the action at synapses. Oligodendrocytes produce insulation to surround axons. A mass of nerve cells in the brain looks like the tangled roots of a dense forest.



NEWS BREAK April 2004

Scientists reveal that it's not just acetylcholinesterase that boosts nerve signals across the gaps. Astrocytes from inner space manage other chemicals too.

Read SCIENTIFIC AMERICAN "The Other Half of the Brain"
By R. Douglas Fields
(Illustrations taken from page 57.)



- Actually, I've known some of these things, like trees communicating with each other.
- I recall reading a really interesting article about how one tree was sprayed with a harmful chemical. It warned by way of the root network a neighboring tree, who thereby built up specific antibodies against the chemical.
- OK, like willows and aspens



4. Some studies indicate that trees communicate with each other across root networks, and chemical similar to acetylcholinesterase seems to be involved.

- 46%** a. Wow, ok
- 25%** b. This is really news but I'll still go along
- 31%** c. Hard to get rooted in this idea
- 2%** d. Ridiculous

#4

- Tree-related stochastic processes may energize the global root network during periods of sunspot activity, influencing human dreams.
- Scientific discovery and connectedness are often the most bizarre templates of imagination.
- I kind of think that trees communicate not just across root networks, but something else. Maybe they emit something? Smell, element...



5. Most living things on earth are about 75% water

64% a. Sure, even the earth surface itself

28% b. Never thought about it so grandly, but ok

5% c. I'm too skeptical

5% d. No way



Not sure if water transmits electricity or if it is impurities in the water

Not entirely pure water, like distilled water [but don't try it]

Does water really conduct well all by itself? Somehow I thought it needed some extra ions for that. I guess in the case of water in trees it is hard not to have ions.



J. Bergman 5/8

6. Water is an excellent transmitter of electricity.

- 75%** a. Shocking but true
- 21%** b. Electric cords in the bathtub make me believe this
- 2%** c. Why didn't I know this before now?
- 3%** d. Sorry, I'm the kind that has to learn the hard way

Electric cords just "by" the bathtub activate my neurotransmitters

AS YOU KNOW, LIGHTNING + WATER = WOW

7. By spending time in the woods, people become energized and feel refreshed

- 87%** a. That's true for me
- 7%** b. I never noticed
- 3%** c. Could be true but I'll have to think about it over time
- 3%** d. I stay away from woods



➤ Quiet beauty

- Trees are very energizing and many of them SMELL good.
- About 7c, how does everyone feel after camping?
- That's true for me (a country girl!)
- Never hugged a tree, but leaned against many and felt refreshed.

Trees are powerful and very giving! Let me know if I'm missing something other than the obvious things of beauty, shade, shelter, and all around comfort. I give thanks to our maker!

- Trees have feeling. It's nice to help them feel better if you can. Kissing them is good.
- Good hugs are with an open heart.
- A tree can also hold your heart so you don't get hurt.

- I've experienced it AND it's worth a try.
- 8a: An old grand daddy up deep in the heart of Western Montana.
- I've hugged trees just a little and only because somewhere someone said to hug a tree but didn't tell me why. Next time I'll attend more.
- It is the same as touching stones, soils, etc



- Not necessarily
- If you'd like some help imagining this, read *The Celestine Prophecy* and *The Tenth Insight*

8. By hugging large trees, people can tap into the tremendous energy that trees draw from both earth and sky

- 23%** a. I've experienced it!
- 23%** b. It's worth a try
- 39%** c. I like trees but this is too much
- 18%** d. Another wild idea

- I had just finished reading *The Odyssey* by Homer and that evening, at age 17, realized that the trees and the rocks and the whole world were all equally alive. That evening I had an epiphany that the trees were talking: "you can always come visit us."
- Although much study of tree to tree communication is scientifically substantiated, I don't necessarily believe that means its energy can be transferred through the non-conductive bark.
- I felt the difference in energy inside a *Sequoia Gigantus*.

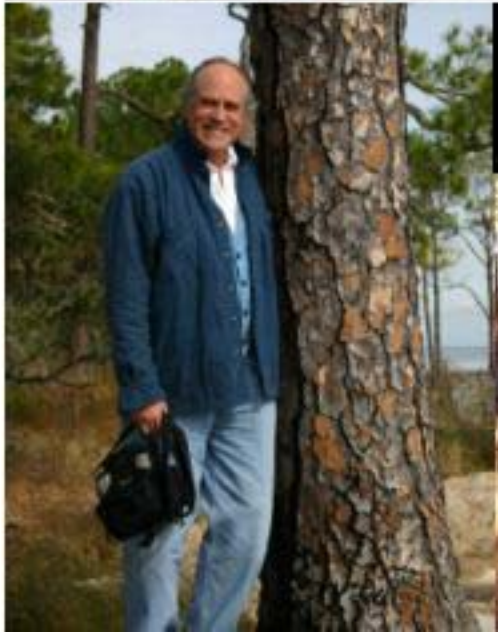


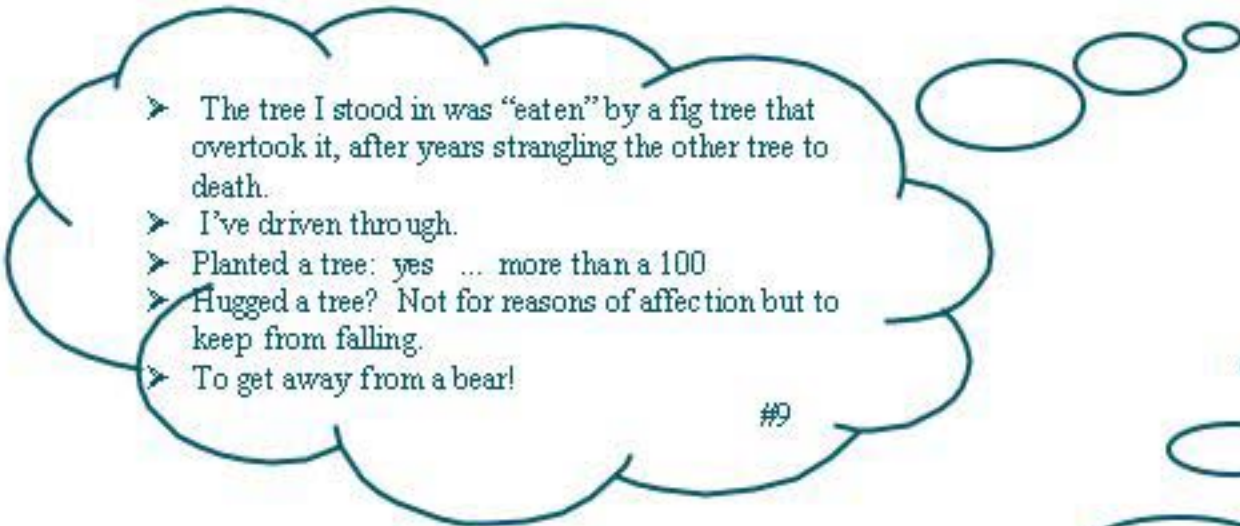
Hey, look!
It's the
Founder of
the Institute.

Ahh yeah, for every choice


9. Have you ever

- 96% a. Climbed a tree [yes / no]?
- 95% b. Touched many trees [yes / no]?
- 72% c. Hugged a tree [yes / no]?
- 84% d. Been inside a tree [yes / no]?



- 
- The tree I stood in was “eaten” by a fig tree that overtook it, after years strangling the other tree to death.
 - I’ve driven through.
 - Planted a tree: yes ... more than a 100
 - Hugged a tree? Not for reasons of affection but to keep from falling.
 - To get away from a bear!

#9

- 
- I climbed a tree very very long ago. #9
 - I climbed and touched a tree at the same time.
 - I’ve hugged a tree not to express affection but to climb.
 - I climbed to the top as a kid and sat among the foliage and loved the feeling (not shared by the woman that could see me and felt in I was in danger).



10. Compared to other people you know of, have you spent much time in the woods?

59% a. Lots

33% b. Whenever I get the chance

23% c. Occasionally

7% d. Hardly any





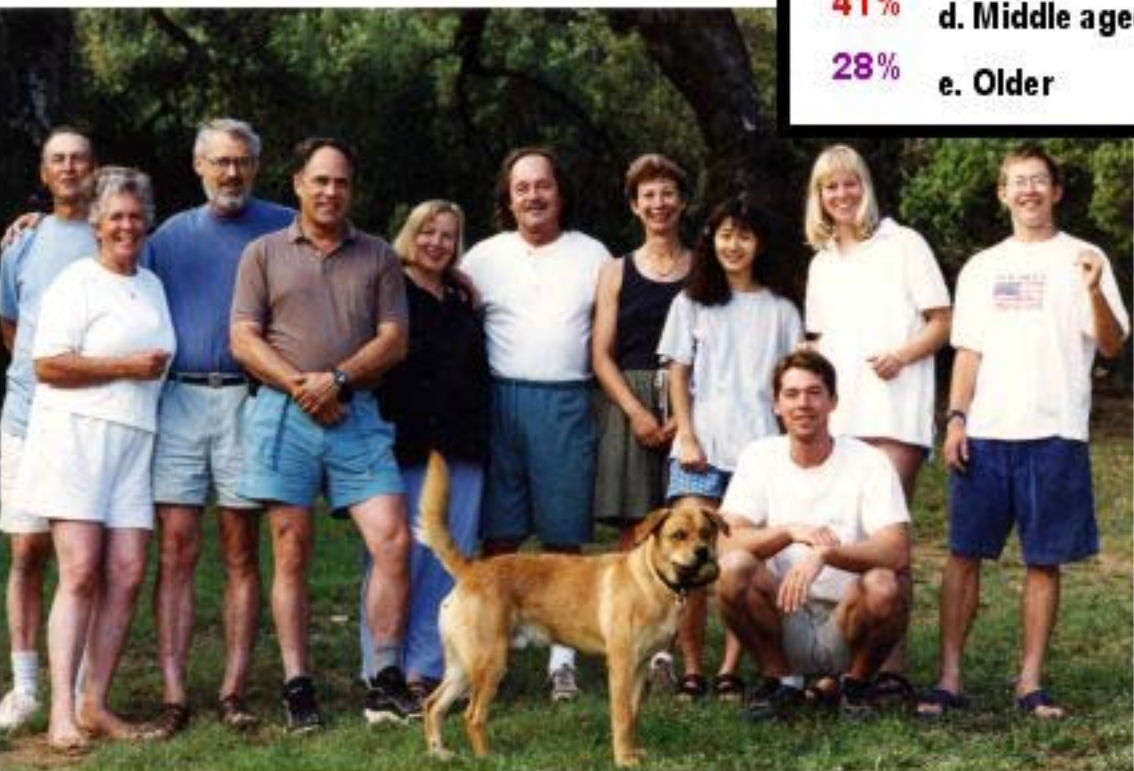
➤ I've spent a lot of time in lots of different woods.
#10





11. Your age group

- 0% a. Pre-teen
- 2% b. Teen
- 38% c. Younger adult
- 41% d. Middle aged
- 28% e. Older



➤ What is 25 going on 8.859?
➤ f. OLD
➤ Middle aged – I like to think
➤ Where's the kids? None filled out the survey



Wow! Earning a degree after studying them all.
Brand new doctor of Astrophysics--with Mom.

12. Did you ever study biology, chemistry, or physics?

- 34% a. In grade school
- 36% b. In middle school
- 70% c. In high school
- 62% d. In college
- 28% e. Adult reading on own
- 11% f. Earned a degree

13. GENERAL COMMENTS

- I don't have a tree in my yard but I do have a bush.
- Nice "SociomeTree." Nice collage, I really like it!
- Oh my G_d, how many questions demand agreeable answers?
- I think this survey might be a conspiracy—sooooo many OKs!
- Thank you for letting me fill out your survey. I like trees, and I think they like me too.
- I enjoy bonsai trees.
- There is more than one drive thru tree in N. California. I was duped, but Harley riders took pictures of me and my beau in the tree while I leaped into his arms. It was *the* drive thru tree for me.
- Is this tree-free paper? Was the use of paper an intentional decision? (Answer, yes because so many folks require anonymity to fill out a survey. All paper will be recycled.)
- Plant lover– bonsais fascinate!
- I love trees and rocks!
- Don't snarf in the taco dip.
- This survey reminds me of things I forgot.
- I love trees.



13. GENERAL COMMENTS*

- I think I'll go hug a tree.
- This was fun.
- I still can't help but feel like I may or may not have answered correctly! I'm sure I got an A though! Honestly, if I had to take it again there's no telling if I would answer every question the same. Have a great day!
- Hundreds of thousands of acres of the "few" precious trees in southern California have burned down since this survey began at the previous Sociometry Fair.
- What on earth am I doing this for? (Answer: for fun! Unfortunately this survey participant died unexpectedly before the answer could be delivered but she was into fun.
- Thanks for including me. Hope all is well.
- Good Luck on your survey. I wish we were getting to go to the "Art Event".
- Ridiculous
- Cheers!
- This feels like a trick.
- Curious what information you are trying to derive from this survey... I LOVE THE WOODS!
- Please tell me the results what you get and what you hear at the conference. This sounds fun.
- GOOD LUCK - ABOVE ALL - HAVE FUN!

* Comments about a particular item are near that item.

Percentages of Respondents Selecting Each Answer

%	Statement	%	Statement	%	Statement
84	1. At the most fundamental level all matter is simply energy in different forms	64	5. Most living things on earth are about 75% water	96	9. Have you ever
10	a. Sure, I remember that from some physics or chemistry	28	a. Sure, even the earth's surface itself	95	a. Climbed a tree?
10	b. News to me but I'll go along	5	b. Never thought about it so grandly, but OK	72	b. Touched many trees?
2	c. Hard to believe	5	c. I'm too skeptical	84	c. Hugged a tree?
	d. Ridiculous		d. No way		d. Been inside a tree?
59	2. The more massive a thing is the more energy it contains	75	6. Water is an excellent transmitter of electricity	39	10. Compared to other people you know of have you spent much time in the woods?
15	a. Sure thing	21	a. Shocking but true	33	a. Lots
15	b. News to me but OK	2	b. Electric cords in the bathtub make me believe this	23	b. Whenever I get a chance
11	c. Hard to believe	3	c. Why didn't I know this before now?	7	c. Occasionally
	d. Ridiculous		d. Sorry, I'm the kind that has to learn the hard way		d. Hardly any
79	3. Human nervous impulses travel as electrical signals along our nerves and use chemicals like acetylcholinesterase, to bridge gaps between nerves.	87	7. By spending time in the woods, people become energized and become refreshed	2	11. Your age group
13	a. Sure thing, if I ever knew that much biology	7	a. That's true for me	38	a. Preteen
8	b. News to me and kind of interesting	3	b. I never noticed	41	2. Teen
7	c. Shocking idea	3	c. Could be true but I'll have to think about it	28	38. Younger adult
	d. Can't believe this one		d. I stay away from woods		41. Middle aged
46	4. Studies indicate that trees communicate with each other across root networks, and a chemical similar to acetylcholinesterase seems to be involved	23	8. By hugging large trees, people can tap into the tremendous energy that trees draw from both earth and sky	36	28. Older
25	a. Wow, OK	23	a. I've experienced it!	70	12. Did you ever study biology, chemistry, or physics?
31	b. This is really news but I'll still go along	39	b. It's worth a try	62	34. a. In grade school
2	c. Hard to get rooted in this idea	18	c. I like trees but this is too much	36	36. b. In middle school
	d. Ridiculous		d. Another wild idea	70	70. c. In high school
				62	62. d. In college
				28	28. e. Adult reading on own
				11	11. f. Earned a degree