**Title of Session:** Nuts About Nature - What Do YOU Want to Talk About?

**Moderator:** Bill Hilton Jr. **Title of File:** 20050816NAN

**Date:** August 16, 2005

Room: Tree House Conference Room

**BjB**: Welcome to Nuts About Nature with Bill Hilton Jr.

NancyLai: Hello everyone

**BjB**: a reminder that if you're new to Tapped In, go to the ACTIONS menu and click on DETACH

**BillHi**: What no trumpet fanfare?

**BjB** blows the trumpets

BillHi: That's better.

**BjB**: we usually start discussions with introductions

DavidWe joined the room.

BillHi: Now we can start.

**BjB**: I'm an art teacher in Pennsylvania and a Bill Hilton groupie

MiguelB: Mike from San Antonio Texas secondary US History teacher

**DavidWe**: I'm David Weksler, a sometimes rambunctious Tapped In user from New Japaneses.

Jersey

**BillHi**: Your specialty, David?

**DavidWe**: dessert?

NancyLai: I'm a grad student in Ed. Tech. from San Diego State

**BjB** groans

DavidWe: I lead a math and technology discussion in Tapped In

**BillHi**: (Ignore him BJ)

BjB ignores David

BillHi: That's better.

BillHi: Did Susan wander away?

**DavidWe**. o O ( for the past 7 minutes, yes )

BillHi: Okay. I'll start.

**BillHi**: I'm Bill Hilton Jr., executive director of Hilton Pond Center for Piedmont Natural History in York, South Carolina.

**BjB**: Sue is a substitute teacher in Canada and leads the Tapped In K-3+ Resources discussions

**BillHi**: I taught high school and college biology for about 20 years and also travel the country giving talks about natural history topics and doing inservice and preservice teacher training.

**BillHi**: "Nuts About Nature" is a discussion aimed at helping teachers (and future teachers) use the out-of-doors--either for real or virtually--to excite students about learning science and other disciplines.

**BillHi**: Each month I select a topic for discussion that is intended to make you think and, in the end, to give you some ideas for implementing activities with your current (or future) students.

**BillHi**: Thanks, first, to BJ for facilitating as always. BJ has been crowned the "Queen of Multitasking."

**BillHi**: Now I'll bet you'd like to know what we're gonna talk about--since I was remiss in not providing a topic for this month.

**BillHi**: My topic is "What Do YOU Want to Talk About?"

**BillHi**: Let's limit it to environmental education and natural history.

**BillHi**: Mike had a question to start.

**BillHi**: It was about hummingbird feeders and bees.

**BillHi**: Mike, want to re-post the query?

MiguelB: Yes...I have a hummingbird feeder in my back yard but no takers yet.

BillHi: Except for . . .

**MiguelB**: Except for bees and would you believe...I saw a bird trying to dip his beak in there.

**BillHi**: First of all, we need to remember if we put out 4:1 sugar water fro hummingbirds, we're gonna attract other things that like sweet stuff.

**BillHi**: (David says he likes dessert.)

**MiguelB**: Well the instructions said 50 50

**BillHi**: That's too strong.

**NancyLai**: I keep a hummingbird feeder too. If the birds don't come back after they've tasted the solution, does that mean they don't like it?

BillHi: Most nectar flowers come in at about 20-25% sugar.

MiguelB: Okay...then I need to adjust the strength

**BillHi**: That might help, because higher concentrations spoil quicker.

BillHi: How fresh is your mix?

NancyLai: a month old

MiguelB: I just put it up around a month ago...

**BillHi**: I think I'm going to swoon . . . .

**BillHi**: Sugar water mix begins to spoil almost as soon as you put it in the feeder.

**BiB** . o O (can I groan now?)

DavidWe wonders what he did, NOW

**BillHi**: In warm weather (above 70 degrees F), you need to change the mix at last twice a week.

**MiguelB**: Okay...time for a change.

**BillHi**: Bees and yellow jackets love the mix when it spoils because it smells like rotten fruit to them.

**BillHi**: is your feeder in the shade or the sun?

**MiguelB**: Mine is in both...shade during the mornings and sun during the hot afternoons

NancyLai: mine too.....it hangs from the ceiling of my balcony

**BillHi**: You might move it if possible. The mix won't spoil as fast, plus bees seem to go more to feeders in sunny areas.

**BillHi**: Shall we stroll over to my Web site for "Operation RubyThroat: The Hummingbird Project"?

MiguelB: Well then a change in location also

BillHi: Yea or nay?

MiguelB: Go for it

NancyLai: yes please

DavidWe: Bill has a great web site

**BillHi**: Okay, click on <a href="http://www.rubythroat.org">http://www.rubythroat.org</a>

**BillHi**: Stop when you get to the main page that comes up.

**BillHi**: David, I don't know if you've been to this one.

**BillHi**: Everybody on the page with the little girl and the stuffed hummingbird?

**MiguelB**: I think I came in there but not lately

NancyLai: yes

**DavidWe**: I think I have, but certainly not in the past few weeks

**DavidWe** knows Bill is fond of colored text on his web page

**BillHi**: I am proud to say this site has had almost 4,000 hits on the main page since last Monday.

DavidWe congratulates Bill

**DavidWe** is impressed Bill knows how to take so many hits

**BillHi**: Okay, everybody click on the rotating arrow that points at Enter Main Site.

**BjB** . o O ( on my wish list is a trip to Costa Rica )

**BillHi**: That takes you to what is essentially the table of Contents.

**DavidWe** will help drive Bj to Costa Rica

**BillHi**: Scroll down the left-hand column to the box that says "Attracting and Feeding Hummingbirds" and click on it.

**BillHi**: If you miss it, it's at http://www.rubythroat.org/AttractingMain.html

**BillHi**: Got it, Mike & Nancy?

NancyLai: yes

MiguelB: yes

BillHi: Good. Notice the only real link is to "Landscaping for Hummingbirds."

**BillHi**: That's because feeders are just ONE way to attract hummers.

BillHi: Click on the link.

**BillHi**: Now you're on the Landscaping for Hummingbird page.

**BillHi**: And from this page there are THREE links--Water, Shelter & Space, and Food.

**BillHi**: That's because these are the three main elements you need for hummers (or anything else, for that matter.)

**BillHi**: I intentionally set these pages so people would have to think about all this before they got to the next link.

BillHi: Click on the link for Food--Natural or Otherwise.

BillHi: That takes you to <a href="http://www.rubythroat.org/FoodMain.html">http://www.rubythroat.org/FoodMain.html</a>

**BillHi**: Now we have a choice between looking at Native Hummingbird Plants or Exotic ones.

**BillHi**: Or of thinking about feeders.

**BillHi**: Click on Hummingbird feeders, and you'll get to http://www.rubythroat.org/FeedersMain.html

**BillHi**: There's a bunch of verbiage here--including winter hummer feeding--and some photos of different feeders.

**BillHi**: But I really want you to click on the link to "Hummingbird Feeder Hints" that takes you to <a href="http://www.rubythroat.org/FeedingHintsMain.html">http://www.rubythroat.org/FeedingHintsMain.html</a>

**BillHi**: Everybody there?

NancyLai: yes

BillHi: Mike?

MiguelB: Yes I was reading the information

**BillHi**: Thanks. (-: Anyway, you might want to bookmark this page, since it has tons of hints for how to maintain hummingbird feeders.

MiguelB: Yes it does...

**BillHi**: And the answer to Mike's original question is at one of the links at the bottom of this page, namely "Bees and Ants at feeders"

BillHi: That's at http://www.rubythroat.org/FeedersBeesAndAnts.html

MiguelB: Yes I saw it.

**BillHi**: Okay, then, that takes care of the first question. (-:

**BillHi**: Anyone have another one?

MiguelB: sure does

**BillHi**: Any nature or environmental ed topic is fair game.

**MiguelB**: Amazing I have fishing line holding up my bird feeder....squirrels were getting to it...

**MiguelB**: Now no more squirrels...even though I have a family of them.

**BillHi**: Squirrels are pretty interesting creatures.

**BillHi**: They are all born with Ph.D.s in engineering.

**MiguelB**: yes they are....my community loves to play with my pet Chihuahuas...

**BjB** laughs...you got that right!

**BillHi**: Soon squirrels will be inventing dynamite.

**BillHi**: So they can get into those so-called "squirrel-proof" feeders.

BillHi: Questions?

**MiguelB**: I had a bird feeder up and all of a sudden the squirrels were eating more than the birds....I tried greasing the pole...and it didn't work...so now I have it hanging from fishing line...and that has worked.

**BillHi**: Good. I'm surprised they haven't just chewed through the monofilament.

**BjB** . o O ( yet )

**BillHi**: Isn't someone in this group tonight from Texas?

**MiguelB**: Well what I did was I got a piece of fish holding mono and have it in the upper part of the tree and then the 40 lb fishing line at the bottom.

MiguelB: I am

BillHi: Oh, then I have a question of you.

MiguelB: Okay

BillHi: What do you think of when I say "longhorn."

MiguelB: Texas....U

MiguelB: Beevo

BillHi: Nancy, how 'bout you?

NancyLai: the horns of a bull

**BjB**: I think of a longhorn steer

BillHi: Beevo?

**MiguelB**: The U T mascot.

**BillHi**: Is "Beevo" short for something?

**MiguelB**: I really don't know...that is the mascot's name

MiguelB: Never looked into it...

BillHi: Okay. Anyway, you have all shown a kind of bias about what "longhorn" means.

**BillHi**: (I think it's also a brand of beer, but forget that.)

**BjB**: http://www.utexas.edu/depts/german/bevo.html

MiguelB: That's right its bevo...one e

**BjB**: read the article

**BillHi**: Okay, I'll look at that link later, if I may.

BillHi: I have my own bias. When I hear "longhorn," I think about insects.

**BillHi**: Anybody know what I mean?

MiguelB: Insects?

BillHi: Si.

**RoseAH** joined the room.

BjB: Hi, Rose

MiguelB: Hello Rose

**BillHi**: If everyone is game, I'd like to lead you to my NEXT Web site (I have three altogether).

**RoseAH**: Hi everyone!

MiguelB: Go for it

RoseAH: fine

**BjB** would like to learn more about longhorns and insects

**BillHi**: It's the one for Hilton Pond Center for Piedmont Natural History, my organization in York SC.

**BillHi**: Click on <a href="http://www.hiltonpond.org">http://www.hiltonpond.org</a>

**BillHi**: Bookmark this main page for future reference, please. (-:

**BillHi**: But I really want you to go to an interior page. it's <a href="http://www.hiltonpond.org/ThisWeek0507015.html">http://www.hiltonpond.org/ThisWeek0507015.html</a>

BillHi: Now HERE'S a REAL Longhorn.

BjB: cool!

**BjB**: are the 'horns' antenna?

BillHi: Yes, BJ, the horns are antennae, and they're longer in male beetles.

BillHi: Long-horned Beetles are a whole family of beetles.

MiguelB: I thought of that when you said insects...

BillHi: Good.

BillHi: I like beetles. A lot.

RoseAH: This insect is really scary looking

**MiguelB**: But I was thinking of another form of insect...don't recollect its name though

BillHi: Did you see how big it is?

**BillHi**: The beetle it self is only three-fourths of an inch long.

**BillHi**: The photo on your screen should be about four times life size.

**BillHi**: I do one of these photo essays every week.

**BiB** puts in a plug for Bill's excellent photos on his websites

**BillHi**: A lot of teachers use them for enrichment and as resources. You'll see that this installment is #278, so I've covered LOTS of topics.

**BillHi**: Every page on the site has a search engine box, so you often can find stuff about nature topics without going elsewhere on the Web.

**RoseAH**: I have done paragraph writing with 2nd grades using nature pictures as a story starter

**BillHi**: By all means steer them to my Web site photos. (-:

**RoseAH**: That's great, I'm always looking for new pictures to use in class for discussion or writing assignments

**BjB**: I recommend Bill's newsletters, Rose

RoseAH: How do I get that

**BillHi**: Send a blank e-mail to <u>mailto:thisweek@hiltonpond.org</u> with SUBSCRIBE in the Subject line.

BillHi: It's free and non-fattening.

**BjB**: Looks like our time is about up, Bill.

**RoseAH**: Hey that sounds just what I'm looking for:)

**BjB**: any last comments from anyone?

**BillHi**: Perfect timing, as always. (-:

**RoseAH**: Looks like I got on the end of the discussion again

MiguelB: Very informative...first time here.

NancyLai: thanks for showing us your website.

**BjB**: A reminder that Bill has an Environmental Education group in Tapped In

**RoseAH**: yes, thanks for the website info

**BillHi**: Come back next month when we have some college students in the room.

**MiguelB**: Yes thank you very much...will talk to science people and see if I can get them to come into your site.

**BillHi**: I'm pleased to share and am happy you liked them.

BjB: Thanks, Bill.

**BillHi**: Again Hilton Pond Center for Piedmont Natural History is at <a href="http://www.hiltonpond.org">http://www.hiltonpond.org</a>

BillHi: and

RoseAH: waves and says see you next month

BillHi: "Operation RubyThroat: The Hummingbird Project" is at

http://www.rubythroat.org

SusanR: Thanks Bill

BillHi: She's ALIVE!

MiguelB: Thank you Bill and Bj you did your great job again...

RoseAH: I bookmarked this site

BjB waves goodnight

BillHi: Great. See you all soon, I hope.