

DH**ID**P 2 Wednesday 19 April 1989

Late last night a call from Dan Wolf in Claremont near Pomona . Turns out he did not get the position near there that had been expected, so is going with his wife-to-be to Germany (Frankfurt) early May and get married there and will be there a couple of years or so. So if you know of any non-12 musical people there, write him at 3

Daniel J. Wolf, 370 S. Mills ave. ## Claremont CA 91711

The other item he told about that might be of importance is that he had to hand the Editorship of Xenharmonikon , to back to John Chalmers who will get help in printing and editing from Mills College in Oakland. (He had taken over from Chalmers when Chalmers' workload got simply too much a while ago).

In the cold gray light of dawn this morning checked back over that table page and compared with other pages and what happened must have been typewritten errors and my bad hasty handwriting causing such things as a 3 vs. 8 mixup. Ellis's table gives 884.359 for the major sixth 3:5. So I fixed that up.

I can't very well suppress degrees of the 43-equal scale in order to get closer matches as you proposed, but I CAN append these closer-next-degree matches as a note on the bottom or side of the page (the final copies of the Bulletin will have many of the pages REDUCED, which makes for wide enough margins to add such information). If I omit degrees of the 43-equal scale that will make readers ask lots of questions. My point was to show the great difference between 43-equal and Partch's very UNEQUAL 43 . By appending your closer matches below, that will emphasize the INequality of Partch's just system and will help out.

Now with your finding out about the 8-for-a-3 situation, we get a mere rounding-off discrepancy of a thousandth of a cent, and nobody better squawk about that. Supposedly anybody with the ability to use this table knows very well about standard 4---5 round/off practice.

The major sixth error was as near as I can tell, the result of my reading the "2" from the WRONG LINE, when copying.

I suppose in the other tables there will also be such things and somebody will catch them later.

When the Selectric quits, I will have to get another type writer and will make some typos while trying to learn how to use it. The coffee-grinder noise of the Selectric is getting much worse. During the cold spell here it quit and jammed. The other morning I had to hit it with a big mallet to unjam it in the middle of the 46-tone table.

It was not repaired correctly back in Glendale the third time it was repaired. And they charged far too much. So now that I have saved up enough to get the new or some other kind (probably a variable-pitch daisywheel machine) secondhand, I will try to get it before the Selectric quits completely (I am afraid that the daisywheel machine will not have italics).

This machine I am using was very cheap at a swap meet so I am not squawking about it jumping spaces on the right hand side of the page.

I may be able to get another old manual typewriter or portable at some garage or yard sale, for a song.

---I forgot to mention that Chalmers' tables carried cents to four decimal places so the three-place figures were rounded-off whether copied from him or done on my pocket calculator which also would give four or five places.

Thursday 27 April 1989

David Hill 2922 Miccosukee Rd 2C Tallahassee FL 32308

Greetings @@@@

I stripped in on the Partch table so for the time being that will do for the copies (about 8) that will be run off before mid-May. Then I can get your other matches or closer correspondences onto a sheet and reduce things to get both that and the first table onto the same standard page.

Fortunately when the xerox machines are behaving I can go through four or even five generations if I had to. The other day the machine available to me downtown put smudges across some of the pages.

Maybe next trip at the end of the week or next week.

Ironically I don't need a computer for all this. The pocket calculator has exponents and roots and logs.

Chalmers took some of my data to 12 places to find out whether continued round-off caused any trouble. It did in two cases.

Main concern is that unless some tables are published to use those tuning devices like the Peterson, nobody is going to get Partch's scale onto new instruments ~~##~~ and Partch's original instruments are deteriorating fast .

This acoustic-instruments-only Cult is causing a halt to progress in xenharmonics and making people spend too much money in the wrong places for stuff they will not be able to move when they have to move, or take to events like recitals and concerts. Imagine if you will the problem it would be to have something like 20 pianos (Two for EACH system) to do what I can now do on the M Korg and the Mirage by turning dials and slipping in disks! 13 14 15 16 17 18 1 9 20 21 22 24 26 31 and on the Korg everything up to 60 !

Imagine the self-defeating situation in Mexico City where there are 16 pianos for multiples of 6 per octave, and the chore of tuning them and their deterioration since about 1950 when they were made and the fact that they have terrible timbre on the short-compass ones--there is one with 85 keys and only one octave, with 91 keys and only one octave, with 97 keys and only one octave.

Who on earth now has the floor space to accommodate a collection of instruments like Partch's? Jonathan is having to store mountains of stuff away after the artwalk thing.

If people insist on tuning by ear as Partch did, they will never have time to play any instruments. When through tuning, time to begin all over again. More tones per octave, tighter tolerances till it becomes absolutely out of the question.

Over to the doctor's office yesterday morning . I have improved much faster than expected. Evidently the skin condition on my head is now normal and nobody will complain about it. Back in the 1940s and 1950s I was so badly broken out half the time that I lost all kinds of opportunities. No doctor at that time had anything to treat such skin eruptions with--even those which were not cancerous .

John McBryde finally called me. He is in El Cajon and there is lots of construction going on. Restriction of growth within San Diego and North County increases the jobs being done east of here.

you rs