

## WeaveTech Archive 9901

From Majordomo-Owner@List-Server.net Sun Feb 21 13:51:24 1999  
Received: from optima.cs.arizona.edu by jupiter.CS.Arizona.EDU (5.65v4.0/1.1.8.2/08Nov94-0446PM)  
id AA26342; Sun, 21 Feb 1999 13:37:21 -0700  
Received: from salmon.esosoft.net (salmon@salmon.esosoft.net [192.41.17.47])  
by optima.cs.arizona.edu (8.9.1a/8.9.1) with ESMTP id NAA29802  
for <ralph@CS.Arizona.EDU>; Sun, 21 Feb 1999 13:36:18 -0700 (MST)  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id NAA26738; Sun, 21 Feb 1999  
13:36:08 -0700 (MST)  
Date: Sun, 21 Feb 1999 13:36:08 -0700 (MST)  
Message-Id: <199902212036.NAA26738@salmon.esosoft.net>  
To: ralph@CS.Arizona.EDU  
From: Majordomo@List-Server.net  
Subject: Majordomo file: list 'weavetech' file 'weavetech.9901'  
Reply-To: Majordomo@List-Server.net  
Status: R

--

>From owner-weavetech@List-Server.net Fri Jan 1 10:35:06 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA26210; Fri, 1 Jan 1999  
10:35:06 -0700 (MST)  
Received: from smtp13.bellglobal.com (smtp13.bellglobal.com [204.101.251.52]) by  
salmon.esosoft.net (8.8.5) id KAA26205; Fri, 1 Jan 1999 10:35:05 -0700 (MST)  
Received: from default (ppp926.on.bellglobal.com [206.172.239.158])  
by smtp13.bellglobal.com (8.8.5/8.8.5) with SMTP id MAA11825  
for <weavetech@List-Server.net>; Fri, 1 Jan 1999 12:35:06 -0500 (EST)  
Message-Id: <3.0.32.19990101122549.0076766c@pop1.sympatico.ca>  
X-Sender: blzzom44@pop1.sympatico.ca  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Fri, 01 Jan 1999 12:37:55 -0500  
To: weavetech@List-Server.net  
From: Ingrid Boesel <fiberworks.pcw@sympatico.ca>  
Subject: chenille  
Mime-Version: 1.0  
Content-Type: text/enriched; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

There is chenille and then there is chenille. I have worked with cotton chenille in 2/2 twill and in complex twill on 8 shafts with longer floats. The cotton chenille I have does not worm at all and seems less prone to wear

I have some old (like 69 or 70's) rayon chenille that does not worm at all and it wears well. When I got one of these out a while ago and compared it to the new chenille.....

The old one had more core threads than the new one, as a result the fuzz was held in place more securely. AND the strands were balanced in twist. That is, they did not tend to untwist when I hung a wight in a single strand.

>From the samples I just looked at, the new ones have 2 or 3 core singles stands all with the same twist and the old ones have core stands that are cabled, ie 2 s singles twisted to z. Two of the z stands twisted to s cable with the fuzz between them. This makes a huge difference in the stability of the yarn.

I made an outfit for my mother, long skirt and vest in 1975 from the old chenille in 2/2 twill. Nothing moved in the weave, no worming, no wear except seat squash which steamed back up. The yardage was washed by hand in soapy hot water, but never agitated. I pressed the fabric before washing and then steamed the seams during sewing. Both were lined and the fabric now has grown a bit. The full length skirt is now 1" longer than it used to be. But, is it ever UGLY. The colors my mom chose were steel blue, orange and blue TARTAN??? The steel blue was the dominant color but nothing could save it from

# WeaveTech Archive 9901

terminal ugly.

I could never figure out what people were talking about when they mentioned worming because I never saw it till my old stash ran out in the late 80's.

Ingrid

~~~~~

When You Are Warped, What's Weft

<italic>

</italic>Ingrid Boesel, the weaving half of Fiberworks PCW

Visit us at: <http://www3.sympatico.ca/fiberworks.pcw>

To reply privately, send message to Ingrid Boesel <fiberworks.pcw@sympatico.ca>

>From owner-weavetech@List-Server.net Fri Jan 1 15:36:10 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA11147; Fri, 1 Jan 1999 15:36:10 -0700 (MST)  
Received: from newmail.netbistro.com (newmail.netbistro.com [204.239.167.35]) by salmon.esosoft.net (8.8.5) id PAA11135; Fri, 1 Jan 1999 15:36:09 -0700 (MST)  
Received: (qmail 11394 invoked by alias); 1 Jan 1999 22:36:17 -0000  
Received: (qmail 11381 invoked from network); 1 Jan 1999 22:36:16 -0000  
Received: from ip136.dialup.pgonline.com (HELO unknown) (204.239.167.136) by newmail.netbistro.com with SMTP; 1 Jan 1999 22:36:16 -0000  
Message-ID: <MAPI.Id.0016.0061757261667279303030383030383038@MAPI.to.RFC822>  
In-Reply-To: <199901011100.EAA08865@salmon.esosoft.net>  
References: Conversation <199901011100.EAA08865@salmon.esosoft.net> with last message <199901011100.EAA08865@salmon.esosoft.net>  
X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <laurafry@netbistro.com>  
Subject: Re: chenille waffle weave  
Date: Fri, 01 Jan 99 12:04:05 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Regardless of "dry" cleaning or wet finishing,  
I don't think I would want a waffle weave  
chenille anything because of the tendency  
of the long floats to catch and snag....

Laura Fry  
just because you can doesn't mean you should....

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Sat Jan 2 11:50:33 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA19628; Sat, 2 Jan 1999 11:50:33 -0700 (MST)  
Received: from alpha.netvision.net.il (alpha.netvision.net.il [194.90.1.13]) by salmon.esosoft.net (8.8.5) id LAA19622; Sat, 2 Jan 1999 11:50:31 -0700 (MST)

## WeaveTech Archive 9901

Received: from diaspora (ts016p10.jlm.netvision.net.il [199.203.101.48])  
by alpha.netvision.net.il (8.8.6/8.8.6) with ESMTP id UAA09651  
for <weavetech@List-Server.net>; Sat, 2 Jan 1999 20:46:39 +0200 (IST)  
Message-Id: <199901021846.UAA09651@alpha.netvision.net.il>  
From: "Yehudit Abrahams" <gabraham@netvision.net.il>  
To: <weavetech@List-Server.net>  
Subject: Re: weavetech-digest V1 #132  
Date: Wed, 30 Dec 1998 09:54:37 +0200  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Dear Barbara:

I am about to embark on the weaving of wedding canopes, or at least one. I am going to use my drawloom with silk and cotton because I envision a silky satin base. Otherwise, I am not sure about many of the other requirements.

For instance, did you weave together or separately the side panels which hang around the canope, or did you do them at all? What did you do about the polls? I was thinking of Beduoin wrapping.

Regards,

Yehudit

To reply privately, send message to "Yehudit Abrahams" <gabraham@netvision.net.il>

>From owner-weavetech@List-Server.net Mon Jan 4 06:26:43 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA13300; Mon, 4 Jan 1999 06:26:43 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id GAA13295; Mon, 4 Jan 1999 06:26:41 -0700 (MST)  
Received: from authoriu (asc121.idsonline.com [207.176.21.121]) by cpcug.org (8.8.4/8.6.12) with SMTP id IAA12782 for <weavetech@List-Server.net>; Mon, 4 Jan 1999 08:26:32 -0500 (EST)  
Message-Id: <3.0.3.32.19990104082535.006b76fc@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Mon, 04 Jan 1999 08:25:35 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Summer & Winter T&T?  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have finished a sample warp of chenille and sewing thread in Madelyn's version of diversified plain weave, which she generally calls Thick & Thin, tho sometimes seems to call simply diversified plain weave. I've wet finished the sample, and find that the fabric is still very drapey ( was was afraid the intensely tied nature of the cloth would make it stiff).

Certainly the patterning possibilities with this technique are immense, but what I found was that it was just too slow for me to consider for my production chenille scarves and shawls. As I was finishing the warp on

## WeaveTech Archive 9901

Saturday, I started wondering about a technique that would adequately tie the chenille (and protect against worming) and yet not be so slow--perhaps a structure with only one end and shot of thin per thick instead of two. This brought to mind Summer & Winter. Has anyone tried using S&W as a thick & thin technique? Again, I'd use sewing thread or something nearly as fine for the thin and chenille for the thick.

Might this work? Any feedback?

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Mon Jan 4 06:50:34 1999  
>Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA17133; Mon, 4 Jan 1999 06:50:34 -0700 (MST)  
>Received: from mail.mc.net (mail.mc.net [209.172.128.4]) by salmon.esosoft.net (8.8.5) id GAA17127; Mon, 4 Jan 1999 06:50:33 -0700 (MST)  
>Received: (qmail 14821 invoked from network); 4 Jan 1999 13:51:30 -0000  
>Received: from tntmodem2-138.mc.net (HELO Butler-Home.cl.na.sb.com) (209.172.134.138) by mail.mc.net with SMTP; 4 Jan 1999 13:51:30 -0000  
>Message-ID: <004501be37fb\$120e5240\$8a86acd1@Butler-Home.cl.na.sb.com>  
>From: "Al and Su Butler" <apbutler@mc.net>  
>To: <weavetech@list-server.net>  
>Subject: Re: Summer & Winter T&T?  
>Date: Mon, 4 Jan 1999 07:58:27 -0800  
>MIME-Version: 1.0  
>Content-Type: text/plain;  
> charset="iso-8859-1"  
>Content-Transfer-Encoding: 7bit  
>X-Priority: 3  
>X-MSMail-Priority: Normal  
>X-Mailer: Microsoft Outlook Express 4.72.2106.4  
>X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
>X-Spam-Rating: mail.mc.net 1.6.1 0/1000/N  
>Sender: owner-weavetech@List-Server.net  
>Precedence: bulk  
>Reply-To: weavetech@list-server.net

>I started wondering about a technique that would adequately tie  
>the chenille (and protect against worming) and yet not be so slow--perhaps  
>a structure with only one end and shot of thin per thick instead of two.  
>This brought to mind Summer & Winter. Has anyone tried using S&W as a  
>thick & thin technique?

HI Ruth...I have used chenille (rayon) with sewing thread in Summer and Winter structure in the fashion you are suggesting. One shot of tie down for every shot of chenille. I made a lovely jacket out of the resulting, drapery fabric. Unfortunately the buyer returned the jacket to me for repairs just a month after purchase, the cause - worming of the chenille! So I too the jacket apart, sewed along every single \*%#@#!\* warp and weft intersection, and returned the finished jacket to her. No more worming, but no more weaving in THAT combo again - at least with rayon chenille! (I don't believe two tie downs would have made any difference, as I believe the chenille is at fault). I am curious about Ingrid's post regarding the difference in the core warp of the currently available chenille....I have some old chenille in which the core warp is cotton, not rayon, and appears to contain 4 more threads in the core warp, .....that chenille rarely worms. When I use the chenille currently available, with fewer threads in the core

# WeaveTech Archive 9901

warp, and those threads being rayon, I have much more difficulty taming the chenille. Sorry to be a wet rag, but my experience was not favorable.....

Regards,  
Su :-)

To reply privately, send message to "Al and Su Butler" <apbutler@mc.net>

>From owner-weavetech@List-Server.net Mon Jan 4 07:15:39 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA21251; Mon, 4 Jan 1999 07:15:39 -0700 (MST)  
Received: from mail.mc.net (mail.mc.net [209.172.128.4]) by salmon.esosoft.net (8.8.5) id HAA21244; Mon, 4 Jan 1999 07:15:38 -0700 (MST)  
Received: (qmail 19936 invoked from network); 4 Jan 1999 14:16:34 -0000  
Received: from tntmodem2-138.mc.net (HELO Butler-Home.cl.na.sb.com) (209.172.134.138) by mail.mc.net with SMTP; 4 Jan 1999 14:16:34 -0000  
Message-ID: <008a01be37fe\$931c9f60\$8a86acd1@Butler-Home.cl.na.sb.com>  
From: "Al and Su Butler" <apbutler@mc.net>  
To: <weaving@quilt.net>, <weavetech@List-Server.net>  
Subject: THIRD ANNUAL NON-HOLIDAY SERVIETTE (NAPKIN) EXCHANGE  
Date: Mon, 4 Jan 1999 08:23:32 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
X-Spam-Rating: mail.mc.net 1.6.1 0/1000/N  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

## THIRD ANNUAL NON-HOLIDAY SERVIETTE (NAPKIN) EXCHANGE

Since the non-holiday serviette (napkin) exchanges have been such a success, it is time to have another one. Although the serviette or napkin mom has changed, the guidelines remain essentially the same as last year. All weavers are invited to participate as long as you have an e-mail address or a friend who is willing to receive and send e-mail for you.

There are no restrictions on design, color, just remember that the napkins must be functional. All serviettes should measure between 18" x 18" and 20" x 20"-however, I can't envision measuring each one, but these are dinner napkins. Participants may submit anywhere from 5 to 11 napkins. You will receive an assortment of as many napkins as you send in.

Administrative questions will be handled off the list, but feel free to post weaving questions to the list.

SIGN-UP DEADLINE: June 30, 1999  
Send e-mail message to: <apbutler@mc.net>

RECEIPT OF NAPKINS: September 15, 1999 Napkins received after the deadline will be returned unopened to the sender.

DISTRIBUTION OF NAPKINS: October 1, 1999

ELIGIBILITY: Anyone subscribing to the Weavers Digest/List or WeaveTech List and friends who

# WeaveTech Archive 9901

have access to e-mail

MEASUREMENTS: 18" x 18" to 20"x 20"

FIBER: Cotton, Linen, Cottolin, Hemp, Ramie. No synthetics or limp rayons.

COLOR AND DESIGN: Your choice

FINISHING: Hem or fringe carefully. Wash and press.

QUANTITY: 5-11 napkins (You will not receive one of your own; therefore, you might want to keep one.)

RECORD SHEET: Please send as many copies of your weaving notes as napkins. Participants want to know what you used and how you did it. Be certain to include your email address on your record sheet.

AUTOBIOGRAPHY AND PHOTOGRAPH: Please enclose a brief written sketch about yourself and a photograph (may be photocopied) of you or your studio or pet or whatever you wish. The photograph is optional. Enclose as many copies as napkins.

FEE: Include a check or money order for \$6.00 in US currency to cover the cost of return mail. (Sorry for the price increase, but the US postal service has raised their rates!) Any funds leftover will be donated to the Handweaver's Guild of America. Anyone wishing to submit an international reply coupon must first contact me.

LABEL: Please include a self-stick, self-addressed label for return mail.

Additional details will be posted as I think of them. In the meantime start thinking napkins or serviettes.

Su :-)

---

Su Butler <apbutler@mc.net>  
Woodstock, IL

---

To reply privately, send message to "Al and Su Butler" <apbutler@mc.net>

>From owner-weavetech@List-Server.net Mon Jan 4 10:57:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA11484; Mon, 4 Jan 1999 10:57:53 -0700 (MST)  
Received: from emerald.tufts.edu (pmdf@emerald.tufts.edu [130.64.1.16]) by salmon.esosoft.net (8.8.5) id KAA11479; Mon, 4 Jan 1999 10:57:51 -0700 (MST)  
Received: from localhost by emerald.tufts.edu (PMDF V5.1-12 #29517)  
with ESMTP id <0F5100A01R8KB8@emerald.tufts.edu> for weavetech@list-server.net; Mon, 4 Jan 1999 12:57:56 -0500 (EST)  
Date: Mon, 04 Jan 1999 12:57:56 -0500 (EST)  
From: Jessica Polito <jpolit01@emerald.tufts.edu>  
Subject: Re: Summer & Winter T&T?  
To: weavetech@list-server.net  
Message-id: <Pine.OSF.4.05.9901041238410.12023-1000000@emerald.tufts.edu>  
X-Envelope-to: weavetech@list-server.net  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Sender: owner-weavetech@List-Server.net

# WeaveTech Archive 9901

Precedence: bulk  
Reply-To: weavetech@list-server.net

On Mon, 4 Jan 1999, Ruth Blau wrote:

> This brought to mind Summer & Winter. Has anyone tried using S&W as a  
> thick & thin technique? Again, I'd use sewing thread or something  
nearly  
> as fine for the thin and chenille for the thick.  
>  
> Might this work? Any feedback?  
>  
> Ruth

There's an article in an old Weaver's magazine (issue number 22) about a  
paired two-tie weave similar to summer & winter that has a thick&thin warp  
and weft. Instead of the 1P2P threading of S&W, it uses 12PQ, where P and  
Q are two different pattern shafts, both with thick yarn. The treadling  
is similar; two thins followed by two thicks.

I tried something very similar to this a while ago, with cotton chenille  
as the thick and I don't even remember what as the thin. It worked pretty  
well, as I recall; I haven't been weaving for all that long, and haven't  
gotten into the habit yet of taking good notes, so i can't tell you much  
more. Of course, it doesn't have the breadth of patterning possibilities,  
as you can only get three blocks on an 8-harness loom, but you can get  
some nice effects when the different blocks are different colors.

Hope that's helpful,  
--jessica  
jpolito@post.harvard.edu

To reply privately, send message to Jessica Polito <jpolit01@emerald.tufts.edu>

>From owner-weavetech@List-Server.net Mon Jan 4 21:31:21 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id VAA03294; Mon, 4 Jan 1999  
21:31:21 -0700 (MST)  
Received: from umailsrv2.umd.edu (umailsrv2.umd.edu [128.8.10.76]) by salmon.esosoft.net  
(8.8.5) id VAA03288; Mon, 4 Jan 1999 21:31:19 -0700 (MST)  
Received: from teststat (bay7-46.dial.umd.edu [128.8.23.174])  
by umailsrv2.umd.edu (8.9.0/8.9.0) with SMTP id XAA16604  
for <weavetech@List-Server.net>; Mon, 4 Jan 1999 23:25:08 -0500  
Message-Id: <3.0.32.19990104232422.006ba440@pop.umail.umd.edu>  
X-Sender: di5@pop.umail.umd.edu (Unverified)  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Mon, 04 Jan 1999 23:24:39 -0500  
To: weavetech@List-Server.net  
From: Bonnie Inouye <binouye@geocities.com>  
Subject: AVL school  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

AVL Looms is starting a weaving school, with short classes like workshops  
to be held in Chico, California. I'm scheduled to teach the first one, but

## WeaveTech Archive 9901

it doesn't have enough people signed up yet, and they just told me the minimum number is 5. Imagine this: 5 people, 5 AVL looms (if we get more than 5, some work at computers while others weave) all beautifully threaded before you get there, so you can weave samples with end-feed shuttles and even some flyshuttles, multishaft looms, and they even supply all the weft yarns, bobbin winders, etc. I've also been promised that my assistant will be the very interesting woman I've been corresponding with there, who trained as a weaver in Europe and is the tech support person for an AVL software program. February 16-19, 1999. It's on the AVL home page, and they can send you a brochure about the school if you call their 800 number.

I hope this is allowed, and I won't say anything about it again. I'm going to Ecuador on Wednesday, will be back the 24th of January, will miss you all and I'll write something about my trip when I return.

Bonnie Inouye  
binouye@geocities.com  
www.geocities.com/Paris/Bistro/4347

To reply privately, send message to Bonnie Inouye <binouye@geocities.com>

>From owner-weavetech@List-Server.net Tue Jan 5 05:22:54 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA06388; Tue, 5 Jan 1999 05:22:54 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id FAA06379; Tue, 5 Jan 1999 05:22:53 -0700 (MST)  
Received: from authoriu (asc221.idsonline.com [207.176.21.221]) by cpcug.org (8.8.4/8.6.12) with SMTP id HAA10287 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 07:22:54 -0500 (EST)  
Message-Id: <3.0.3.32.19990105072143.006bc9b4@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Tue, 05 Jan 1999 07:21:43 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: double-box flyshuttle  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have a question about double box flyshuttles. I don't now use a loom with a flyshuttle, and have played with one only once. I don't think I've ever even seen a double box fs. Here's my question: must the two shuttles alternate one after the other? Or does the weaver choose the shuttle? Or can you set a pattern for the use of the shuttle so that they can alternate automatically in some sequence other than one-for-one?

I ask this question in the context of my experiments in thick & thin (and my daydreaming about a computer-assisted loom). The shuttle sequence in T&T is two picks of fine to one pick of thick. Can this be done with a double-box flyshuttle? T&T seems to me to have wonderful possibilities, but it is soooooooooo slow.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Tue Jan 5 05:30:07 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA07408; Tue, 5 Jan 1999

# WeaveTech Archive 9901

05:30:07 -0700 (MST)

Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id FAA07386; Tue, 5 Jan 1999 05:30:05 -0700 (MST)

Received: from authoriu (asc221.idsonline.com [207.176.21.221]) by cpcug.org (8.8.4/8.6.12) with SMTP id HAA10529 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 07:30:06 -0500 (EST)

Message-Id: <3.0.3.32.19990105072855.006bcddc@cpcug.org>

X-Sender: rsblau@cpcug.org

X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)

Date: Tue, 05 Jan 1999 07:28:55 -0500

To: weavetech@List-Server.net

From: Ruth Blau <rsblau@cpcug.org>

Subject: Re: Summer & Winter T&T?

In-Reply-To: <004501be37fb\$120e5240\$8a86acd1@Butler-Home.cl.na.sb.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

Su wrote:

>I have used chenille (rayon) with sewing thread in Summer and  
>Winter structure in the fashion you are suggesting. One shot of tie down  
>for every shot of chenille. I made a lovely jacket out of the resulting,  
>drapey fabric. Unfortunately the buyer returned the jacket to me for  
>repairs just a month after purchase, the cause - worming of the chenille!  
>So I too the jacket apart, sewed along every single \*%#@#!\* warp and weft  
>intersection, and returned the finished jacket to her.

What a horrible experience and what a tedious solution! My hat is off to you, Su. That's one customer whose money I think I would have refunded.

Aside from that, though, I'm really surprised the fabric reacted this way. I can see that you would shy away from trying this again, but might a closer sett have saved the day? Or did you use rayon sewing thread as well as rayon chenille? I find the rayon sewing thread (which I use for tabletweaving) to be so slick as to be almost beyond my ability to control. It might not have enough "grab" to hold the chenille in place.

I guess it's back to sampling (against my principles!). Another sample warp for summer & winter T&T.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Tue Jan 5 06:01:29 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA11160; Tue, 5 Jan 1999 06:01:29 -0700 (MST)

Received: from smtp2.erols.com (smtp2.erols.com [207.172.3.235]) by salmon.esosoft.net (8.8.5) id GAA11152; Tue, 5 Jan 1999 06:01:28 -0700 (MST)

Received: from 207.172.156.30 (207-172-156-30.s71.as3.dam.erols.com [207.172.156.30]) by smtp2.erols.com (8.8.8/8.8.5) with SMTP id IAA29735 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 08:04:55 -0500 (EST)

Message-ID: <3691D534.1625@erols.com>

Date: Tue, 05 Jan 1999 09:02:48 +0000

From: Diane Kelly <kelde@erols.com>

Organization: Kelly Metalwork

X-Mailer: Mozilla 3.01-C-DH397 (Macintosh; I; PPC)

# WeaveTech Archive 9901

MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Summer & Winter T&T and AVL software question!  
References: <3.0.3.32.19990104082535.006b76fc@cpug.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Everyone!

I have been quietly lurking over the holidays and enjoying the weaving talk. Finally have time to ask a question and to respond to one.

Ruth wrote:

>I started wondering about a technique that would adequately tie  
>the chenille (and protect against worming) and yet not be so slow--perhaps  
>a structure with only one end and shot of thin per thick instead of two.  
>This brought to mind Summer & Winter. Has anyone tried using S&W as a  
>thick & thin technique? Again, I'd use sewing thread or something nearly  
>as fine for the thin and chenille for the thick.

I have done S&W with chenille and it worked quite well. Used a thinner chenille (@1450 yds/lb) for the warp with 20/2 cotton for tabby and thicker chenille (@1000 yds/lb) for the pattern. Packed it in as tight as I could. Washed in machine and tumbled dry. Figured if it could take regular machine washing and drying it would survive and seemed to do just fine--even washed one again to test...

Now for my question. I hope someone can help since there seems to be a lot of AVL weavers out there...

Is anyone running their AVL (doesn't matter whether 16 or 24) on a Mac with Weavemaker software? It seems the software does not work the way AVL planned. Unfortunately for me, it doesn't work the way planned or the way it is supposed to. I have contacted AVL about this a while ago, but have not heard anything back. Hoping someone else is using it so that I can compare notes, so to speak, and see if it is a software bug or if I have some sort of conflict. Any help would be appreciated !

Thanks,  
Diane Kelly

You can reach me privately at kelde@erols.com

To reply privately, send message to Diane Kelly <kelde@erols.com>

>From owner-weavetech@List-Server.net Tue Jan 5 06:05:29 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA11789; Tue, 5 Jan 1999 06:05:29 -0700 (MST)  
Received: from mtiwmhc01.worldnet.att.net (mtiwmhc01.worldnet.att.net [204.127.131.36]) by salmon.esosoft.net (8.8.5) id GAA11785; Tue, 5 Jan 1999 06:05:28 -0700 (MST)  
Received: from default ([12.68.10.104]) by mtiwmhc01.worldnet.att.net (InterMail v03.02.05 118 121 101) with ESMTP id <19990105130459.ECV25716@default> for <weavetech@List-Server.net>; Tue, 5 Jan 1999 13:04:59 +0000  
From: "Martha H. & Jeffrey D. Hubbard" <hubbard182@worldnet.att.net>  
To: <weavetech@List-Server.net>  
Subject: Re: chenille  
Date: Tue, 5 Jan 1999 07:54:40 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3

# WeaveTech Archive 9901

X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-Id: <19990105130459.ECV25716@default>  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Happy New Year, everyone.

I have used rayon chenille successfully as weft in fairly open twills (but haven't tried S&W) on perle cotton warps. Much to my continued surprise and delight, no item has been returned for worming so far. I don't have an explanation for why this combination works and some others don't. Every time I do it, I wonder if this is the time that I'll get into trouble. It makes me a bit nervous to not know why this works. I don't think it could be just yarn quality. I've done it with yarns from too many sources - tho' admittedly, I haven't looked closely at the cores of the yarns to see the differences.

Also, it has been my impression that cotton chenille does not worm.  
Does anyone have experience in either of these areas

Martha

To reply privately, send message to "Martha H. & Jeffrey D. Hubbard"  
<hubbard182@worldnet.att.net>

>From owner-weavetech@List-Server.net Tue Jan 5 07:09:44 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA21491; Tue, 5 Jan 1999 07:09:44 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id HAA21486; Tue, 5 Jan 1999 07:09:43 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id JAA15312  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 09:09:46 -0500 (EST)  
Date: Tue, 5 Jan 1999 09:09:46 -0500 (EST)  
Message-Id: <199901051409.JAA15312@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: double-box flyshuttle  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 07:21 AM 1/5/99 -0500, you wrote:

Here's my question: must the two shuttles

>alternate one after the other? Or does the weaver choose the shuttle? Or  
>can you set a pattern for the use of the shuttle so that they can alternate  
>automatically in some sequence other than one-for-one?

REPLY:

If by a "...two box fly shuttle..." you mean what in the trade would be known as a 2X2, you would be referring to a lay having two boxes on each end. This is not a common arrangement on power looms, but there is no physical reason mitigating against it.

With a 2X2 box lay you can run up to three shuttles since there must always be an empty box. Unless the box changing mechanism on the loom requires

## WeaveTech Archive 9901

otherwise, you can establish any shuttle rotation you want as long as there is always an empty box on the end of the lay into which the shuttle can go and as long as you can change boxes on either end of the lay at will. Setting up the shuttle rotation is a bit complex, but does not rise to the level of quadratic equations.

>I ask this question in the context of my experiments in thick & thin (and >my daydreaming about a computer-assisted loom). The shuttle sequence in >T&T is two picks of fine to one pick of thick. Can this be done with a >double-box flyshuttle?

>rsblau@cpcug.org  
>Arlington, Virginia USA

The shuttle rotation you propose here above would be quite easy since you could simple assign the shuttle weaving the heavy pick to one box and the fine pick to the other, both on the same end of the lay. When you weave the two heavy picks, that shuttle would simply return to the box from which it originated after its two picks. The shuttle weaving the fine pick would alternate between one side and the other since it is weaving only one pick at a time. You would only have to change boxes when changing from heavy to fine picks and back. The heavy pick could weave between the top boxes while the fine pick weaves between the bottom boxes. With this arrangement you would be more easily able to see when the heavy filling is exhausted and a bobbin change is required.

Hope this helps.

AAF  
ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 5 07:24:39 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA24819; Tue, 5 Jan 1999 07:24:39 -0700 (MST)  
Received: from uhura.concentric.net (uhura.concentric.net [206.173.119.93]) by salmon.esosoft.net (8.8.5) id HAA24811; Tue, 5 Jan 1999 07:24:38 -0700 (MST)  
Received: from marconi.concentric.net (marconi [206.173.119.71])  
by uhura.concentric.net (8.9.1a/(98/12/15 5.12))  
id JAA28152; Tue, 5 Jan 1999 09:24:41 -0500 (EST)  
[1-800-745-2747 The Concentric Network]  
Received: from concentric.net (ts001d10.tuc.concentric.net [206.173.160.22])  
by marconi.concentric.net (8.9.1a)  
id JAA25680; Tue, 5 Jan 1999 09:24:39 -0500 (EST)  
Message-ID: <3692209A.19BBBE30@concentric.net>  
Date: Tue, 05 Jan 1999 07:24:26 -0700  
From: Marge Coe <MargeCoe@concentric.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: double-box flyshuttle  
References: <3.0.3.32.19990105072143.006bc9b4@cpcug.org>

# WeaveTech Archive 9901

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Ruth Blau wrote:

> The shuttle sequence in  
> T&T is two picks of fine to one pick of thick. Can this be done with a  
> double-box flyshuttle?

Yup! The double-box fly-shuttle on my AVL is operated by a handle in the center of the beater--as the upper box on one side is put into position even with the race, the lower box on the other side matches it to receive the shuttle. You can select which shuttle you use with each pick and I expect a rhythm develops (not having actually used it yet you see <g>).

I'm doubt this system allows the use of three shuttles as described in Allen's detailed response. You can't select from each of the four boxes at any given time to send or receive, only between the two pairs--I'd have to think through this further.

Margaret

-----  
MargeCoe@concentric.net  
Tucson, AZ, USA  
-----

To reply privately, send message to Marge Coe <MargeCoe@concentric.net>

>From owner-weavetech@List-Server.net Tue Jan 5 07:30:18 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA25875; Tue, 5 Jan 1999 07:30:18 -0700 (MST)  
Received: from imo26.mx.aol.com (imo26.mx.aol.com [198.81.17.70]) by salmon.esosoft.net (8.8.5) id HAA25867; Tue, 5 Jan 1999 07:30:16 -0700 (MST)  
From: AmyFibre@aol.com  
Received: from AmyFibre@aol.com  
by imo26.mx.aol.com (IMOV18.1) id QNNHa00811  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 09:29:40 -0500 (EST)  
Message-ID: <7e6d2205.369221d4@aol.com>  
Date: Tue, 5 Jan 1999 09:29:40 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: chenille  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 226  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

In a message dated 1/5/99 7:05:46 AM Central Standard Time, hubbard182@worldnet.att.net writes:

> Also, it has been my impression that cotton chenille does not worm.

I do countless baby blankets with cotton chenille (900 ypp) as weft. It has never wormed (knock on wood!), but my theory has been that because it is cotton it shrinks into the fabric in finishing, and the warp is 8/2 cotton which also shrinks. These two shrinkages then hold the cotton chenille in

# WeaveTech Archive 9901

more tightly than I could ever beat it.

As for T&T, rayon chenille and worms -- this may or may not be relevant, but my largest mass of worms came on a shadow weave scarf with 1450 ypp rayon chenille and finer (2400 ypp??) rayon floss. Longest float was 2 ends or 2 picks. As Ruth said, I'd guess that rayon thread might not have enough grip.

Amy  
amyfibre@aol.com

To reply privately, send message to AmyFibre@aol.com

>From owner-weavetech@List-Server.net Tue Jan 5 07:38:31 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA27358; Tue, 5 Jan 1999 07:38:31 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id HAA27347; Tue, 5 Jan 1999 07:38:29 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id JAA20380  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 09:38:32 -0500 (EST)  
Date: Tue, 5 Jan 1999 09:38:32 -0500 (EST)  
Message-Id: <199901051438.JAA20380@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: double-box flyshuttle  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 07:24 AM 1/5/99 -0700, you wrote:

>

>Yup! The double-box fly-shuttle on my AVL is operated my a handle in the center

>of the beater--as the upper box on one side is put into position even with the >race, the lower box on the other side matches it to receive the shuttle.

>

>I'm doubt this system allows the use of three shuttles as described in Allen's >detailed response. You can't select from each of the four boxes at any given >time to send or receive, only between the two pairs--I'd have to think through >this further.

>MargeCoe@concentric.net

>Tucson, AZ, USA

REPLY:

Unfortunately, the AVL system does not allow for the kind of complete flexibility it should. Sadly, another example of how handloom equipment needs continual rethinking of its design. Ideally, a multi-box handloom fly shuttle should operate exactly as it does on a power loom, the boxes on each end of the lay should be independently moveable so that any box on the left can send or receive a shuttle to or from any box on the right. AVL arrangement does not.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall

# WeaveTech Archive 9901

College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 5 08:08:26 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA02660; Tue, 5 Jan 1999 08:08:26 -0700 (MST)  
Received: from post.mail.demon.net (post-11.mail.demon.net [194.217.242.40]) by salmon.esosoft.net (8.8.5) id IAA02654; Tue, 5 Jan 1999 08:08:25 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host post-11.mail.demon.net [194.217.242.40] claimed to be post.mail.demon.net  
Received: from [194.222.59.249] (helo=plysplit.demon.co.uk) by post.mail.demon.net with smtp (Exim 2.10 #2) id 0zxY5r-0001BN-00 for weavetech@List-Server.net; Tue, 5 Jan 1999 15:08:28 +0000  
Message-ID: <jlNeYAACrik2EwGY@plysplit.demon.co.uk>  
Date: Tue, 5 Jan 1999 15:07:46 +0000  
To: weavetech@List-Server.net  
From: Peter Collingwood <peter@plysplit.demon.co.uk>  
Subject: double box fly shuttles  
MIME-Version: 1.0  
X-Mailer: Turnpike (32) Version 4.01 <2F\$QSRrSWjg+AhbEHIAwghBDxk>  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

The boxes are arranged so that either when those on right move up, those on left move down OR both sides go up or down together. In either case their is some sort of lever at the centre of the batten so that the batten-pulling hand can control the upward or downward movement of the boxes at will, thus deciding which shuttle will go across next.

So with two boxes you could start with your thick and thin weft shuttles both at the right side, say, the thick in the upper, the thin in the lower box. Then send the thin across from the right lower box to the left lower box and back again for the next pick. Then move the boxes so the picker sends the thick across from the right upper box to the left upper box, where it stays during the next 2 picks of thin and so on.

With 3 boxes you can use 3 colours or thicknesses. I've heard of experts who handled 4 shuttles with only 3 boxes, cleverly moving the boxes up or down, in mid-flight of the shuttle, so that it landed in an empty one! But that took practice and confidence.

Peter Collingwood

<peter@plysplit.demon.co.uk>

To reply privately, send message to Peter Collingwood <peter@plysplit.demon.co.uk>

>From owner-weavetech@List-Server.net Tue Jan 5 08:17:37 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA04619; Tue, 5 Jan 1999 08:17:37 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by

## WeaveTech Archive 9901

salmon.esosoft.net (8.8.5) id IAA04597; Tue, 5 Jan 1999 08:17:34 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id KAA29322  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 10:17:38 -0500 (EST)  
Date: Tue, 5 Jan 1999 10:17:38 -0500 (EST)  
Message-Id: <199901051517.KAA29322@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: double box fly shuttles  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 03:07 PM 1/5/99 +0000, you wrote:

>With 3 boxes you can use 3 colours or thicknesses. I've heard of experts  
>who handled 4 shuttles with only 3 boxes, cleverly moving the boxes up  
>or down, in mid-flight of the shuttle, so that it landed in an empty  
>one! But that took practice and confidence.

>Peter Collingwood

><peter@plysplit.demon.co.uk>

REPLY:

On the AVL system in the present discussion, the box changing mechanism is designed to only move the boxes in one way. The boxes on both ends of the lay move at the same time. This cannot be altered. In addition, when the boxes on the left move up those on the right move down and vice versa. This is a very limiting arrangement to at very best.

Since there must always be one empty box, I wonder if Peter's "...experts..." can in fact do as he reports, use more shuttles than there are boxes. As for timing of the box movement, again, while under the control of the handloom operator, it is done exactly as would b  
ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 5 08:20:10 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA05037; Tue, 5 Jan 1999  
08:20:10 -0700 (MST)  
Received: from mail.mc.net (mail.mc.net [209.172.128.4]) by salmon.esosoft.net (8.8.5) id  
IAA05033; Tue, 5 Jan 1999 08:20:08 -0700 (MST)  
Received: (qmail 9659 invoked from network); 5 Jan 1999 15:21:14 -0000  
Received: from tntmodem3-9.mc.net (HELO Butler-Home.cl.na.sb.com) (209.172.135.9)  
by mail.mc.net with SMTP; 5 Jan 1999 15:21:14 -0000

# WeaveTech Archive 9901

Message-ID: <001801be38d0\$c5b0bd80\$0987acd1@Butler-Home.cl.na.sb.com>  
From: "Al and Su Butler" <aabutler@mc.net>  
To: <weavetech@list-server.net>  
Subject: Re: Summer & Winter T&T?  
Date: Tue, 5 Jan 1999 09:28:11 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
X-Spam-Rating: mail.mc.net 1.6.1 0/1000/N  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>That's one customer whose money I think I would have refunded.

HI Ruth...I did offer, but she wanted the jacket, so I fixed it.

>but might a closer sett have saved the day?

I believe the sett was appropriate for the structure.

> Or did you use rayon sewing thread as well  
>as rayon chenille

No I used cotton sewing thread. I do not think it was the sett, tie down thread or weaving. Quite frankly I think it was the chenille. I have found a variety of quality in rayon chenille, and that which is made with a partially cotton binder warp seems to do the least amount of worming. The currently available chenilles, which have 100% rayon binder warps are the most "wormy". Any weaving I do with this type of chenille, other than plain weave, seems to be subject to worms. Very frustrating. My stash of older yarns is all but defunct, so I guess I will have to learn to deal with the new variety. Wish we could persuade the manufacturers to return to the cotton warp.....

Ruth, I would love to hear the results of your experiments...but I do forewarn you, just because it comes out of the washer intact, does not mean a few weeks or months down the road it will still be so.....just my .02.....  
Su :-)

To reply privately, send message to "Al and Su Butler" <aabutler@mc.net>

>From owner-weavetech@List-Server.net Tue Jan 5 08:20:28 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA05083; Tue, 5 Jan 1999 08:20:28 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id IAA05078; Tue, 5 Jan 1999 08:20:27 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id KAA00675 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 10:20:30 -0500 (EST)  
Date: Tue, 5 Jan 1999 10:20:30 -0500 (EST)  
Message-Id: <199901051520.KAA00675@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0

# WeaveTech Archive 9901

Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: double box fly shuttles  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 03:07 PM 1/5/99 +0000, you wrote:

>With 3 boxes you can use 3 colours or thicknesses. I've heard of experts  
>who handled 4 shuttles with only 3 boxes, cleverly moving the boxes up  
>or down, in mid-flight of the shuttle, so that it landed in an empty  
>one! But that took practice and confidence.

>Peter Collingwood

><peter@plysplit.demon.co.uk>

REPLY:

On the AVL system in the present discussion, the box changing mechanism is designed to only move the boxes in one way. The boxes on both ends of the lay move at the same time. This cannot be altered. In addition, when the boxes on the left move up those on the right move down and vice versa. This is a very limiting arrangement to at very best.

Since there must always be one empty box, I wonder if Peter's "...experts..." can in fact do as he reports, use more shuttles than there are boxes. As for timing of the box movement, again, while under the control of the handloom operator, it is done exactly as would be done on a powerloom, with no stopping of the loom and no interruption in the weaving movements. As soon as a shuttle is boxed on the receiving side, while the lay is coming forward to the front center position, the boxes should begin to change and the change should be completed before the lay reaches back center position for the next pick. This, as Peter indicated, takes lots of practise, but if practised slowly at first, speed will come.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 5 08:45:01 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA10579; Tue, 5 Jan 1999 08:45:01 -0700 (MST)  
Received: from imo27.mx.aol.com (imo27.mx.aol.com [198.81.17.71]) by salmon.esosoft.net (8.8.5) id IAA10564; Tue, 5 Jan 1999 08:45:00 -0700 (MST)  
From: JNBj@aol.com  
Received: from JNBj@aol.com  
by imo27.mx.aol.com (IM0v18.1) id 8VQSa06037  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 10:44:10 -0500 (EST)

## WeaveTech Archive 9901

Message-ID: <f97264e2.3692334a@aol.com>  
Date: Tue, 5 Jan 1999 10:44:10 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re:double box fs  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL for Macintosh sub 50  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Ruth,

I use AVL's double box occasionally with shadow weave fabrics. It takes me a while to get both hands coordinated with each other, but a rhythm does develop with only a rare head-on collision of shuttles! The industrial boxes Allen described sound great, but avl's work in pairs. I don't know about their 4 box model.

Janice Jones

To reply privately, send message to JNBJ@aol.com

>From owner-weavetech@List-Server.net Tue Jan 5 08:48:06 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA11388; Tue, 5 Jan 1999 08:48:06 -0700 (MST)  
Received: from imo25.mx.aol.com (imo25.mx.aol.com [198.81.17.69]) by salmon.esosoft.net (8.8.5) id IAA11380; Tue, 5 Jan 1999 08:48:03 -0700 (MST)  
From: JNBJ@aol.com  
Received: from JNBJ@aol.com  
by imo25.mx.aol.com (IM0v18.1) id 1RBVa15297  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 10:47:27 -0500 (EST)

Message-ID: <2af8d3aa.3692340f@aol.com>  
Date: Tue, 5 Jan 1999 10:47:27 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: Weavemaker/AVL  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL for Macintosh sub 50  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Diane,

I use Weavemaker on a Mac to program my cartridge and haven't had any problems. Describe the difficulty. There might be some help here someplace.

Janice Jones

To reply privately, send message to JNBJ@aol.com

>From owner-weavetech@List-Server.net Tue Jan 5 08:54:20 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA12780; Tue, 5 Jan 1999 08:54:20 -0700 (MST)  
Received: from darius.concentric.net (darius.concentric.net [207.155.184.79]) by salmon.esosoft.net (8.8.5) id IAA12776; Tue, 5 Jan 1999 08:54:19 -0700 (MST)  
Received: from mcfeely.concentric.net (mcfeely [207.155.184.83])  
by darius.concentric.net (8.9.1a/(98/08/04 5.11))  
id KAA04767; Tue, 5 Jan 1999 10:54:23 -0500 (EST)  
[1-800-745-2747 The Concentric Network]  
Received: from concentric.net (ts003d17.tuc-az.concentric.net [206.173.160.125])

# WeaveTech Archive 9901

by mcfeely.concentric.net (8.9.1a)  
id KAA11257; Tue, 5 Jan 1999 10:54:21 -0500 (EST)  
Message-ID: <369235A0.AB9D7CC7@concentric.net>  
Date: Tue, 05 Jan 1999 08:54:08 -0700  
From: Marge Coe <MargeCoe@concentric.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: chenille  
References: <7e6d2205.369221d4@aol.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

AmyFibre@aol.com wrote:

> but my theory has been that because it is  
> cotton it shrinks into the fabric in finishing, and the warp is 8/2 cotton  
> which also shrinks. These two shrinkages then hold the cotton chenille in  
> more tightly than I could ever beat it.

Devil's advocate hat wearing day, but . . . I know I read somewhere, a long time ago in a land far away, that cotton itself does not shrink! <gasp> The gaps between warp and weft close up during finishing so the end product is smaller in size than before finishing, but the fiber itself does not shrink. Anyone else read that? Is it so?

Margaret

-----  
MargeCoe@concentric.net  
Tucson, AZ, USA  
-----

To reply privately, send message to Marge Coe <MargeCoe@concentric.net>

>From owner-weavetech@List-Server.net Tue Jan 5 08:56:05 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA13132; Tue, 5 Jan 1999 08:56:05 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id IAA13127; Tue, 5 Jan 1999 08:56:04 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to be mail.twave.net  
Received: from [208.246.1.57] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTP id aa771602 for <weavetech@list-server.net>; Tue, 5 Jan 1999 10:55:58 -0500  
Message-Id: <3.0.5.32.19990105105540.007f9de0@twave.net>  
X-Sender: picnic@twave.net  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Tue, 05 Jan 1999 10:55:40 -0500  
To: weavetech@list-server.net  
From: "Diane B. Fields" <picnic@twave.net>  
Subject: Re: chenilles  
In-Reply-To: <001801be38d0\$c5b0bd80\$0987acd1@Butler-Home.cl.na.sb.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Quite frankly I think it was the chenille. I have found

## WeaveTech Archive 9901

>a variety of quality in rayon chenille, and that which is made with a  
>partially cotton binder warp seems to do the least amount of worming. The  
>currently available chenilles, which have 100% rayon binder warps are the  
>most "wormy". Any weaving I do with this type of chenille, other than plain  
>weave, seems to be subject to worms. Very frustrating. My stash of older  
>yarns is all but defunct, so I guess I will have to learn to deal with the  
>new variety. Wish we could persuade the manufacturers to return to the  
>cotton warp.....

>  
I'm just curious, frankly. I do not nor have I ever, I don't think, woven with chenille. Its just not in my repertoire. However, I'm closely involved with the furniture manufacturing industry and thus the upholstery mills. Chenille is and has been one of the hottest 'wovens' for the last couple of years. I find it interesting that the yarns they are using and the weaves (which, in many cases, are 'backed') hold up remarkably well. Has anyone investigated this angle--sofas or chairs that are used day in and day out (and not packed anymore than handwoven) wear for years, and certainly without worming. It does pique my curiosity and I may look into this (and the yarns used) just because it DOES pique my curiosity. Perhaps Allen has something to add to this. Oh, and the chenilles are pretty much across the board, money wise--meaning that you can find them at the 'cheap' end of the fabrics and at the high. As my husband describes the expensive ones--they are 'hunky' (you would be surprised how the fabric people talk about fabrics <G>-altho' he is a designer and just using their reference) meaning very lush, thick, heavy chenilles.

---

Diane B. Fields  
Designer/colorist/weaver of interior textiles  
picnic@twave.net

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Tue Jan 5 09:10:15 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA16621; Tue, 5 Jan 1999 09:10:15 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id JAA16615; Tue, 5 Jan 1999 09:10:14 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id LAA14840  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 11:10:17 -0500 (EST)  
Date: Tue, 5 Jan 1999 11:10:17 -0500 (EST)  
Message-Id: <199901051610.LAA14840@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re:double box fs  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 10:44 AM 1/5/99 EST, you wrote:

It takes me a  
>while to get both hands coordinated with each other, but a rhythm does develop  
>with only a rare head-on collision of shuttles!  
>Janice Jones

>To reply privately, send message to JNBJ@aol.com

REPLY:

# WeaveTech Archive 9901

No handloom weaver should ever feel badly about have what is called a smash!

We had a 4X4 power loom on which we were running seven shuttles and somewhere about half way through a 176 pick filling repeat there was an error that sent two opposite shuttles into the shed at better than 130ppm, which at 54" width translates to approximately 25 mph. Since I was responsible for the start-up of that loom, no expletives were deleted until the mess was fixed! Point being, despite the mess, it was fixable, weaving continued and I wasn't struck dead by lightning!

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 5 09:18:40 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA18417; Tue, 5 Jan 1999 09:18:40 -0700 (MST)  
Received: from mail.mc.net (mail.mc.net [209.172.128.4]) by salmon.esosoft.net (8.8.5) id JAA18408; Tue, 5 Jan 1999 09:18:39 -0700 (MST)  
Received: (qmail 23965 invoked from network); 5 Jan 1999 16:19:45 -0000  
Received: from tntmodem3-9.mc.net (HELO Butler-Home.cl.na.sb.com) (209.172.135.9) by mail.mc.net with SMTP; 5 Jan 1999 16:19:45 -0000  
Message-ID: <009b01be38d8\$f36dbfe0\$0987acd1@Butler-Home.cl.na.sb.com>  
From: "Al and Su Butler" <aabutler@mc.net>  
To: <weavetech@list-server.net>  
Subject: Re: chenilles  
Date: Tue, 5 Jan 1999 10:26:44 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
X-Spam-Rating: mail.mc.net 1.6.1 0/1000/N  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

HI Diane....

This of course is just my own opinion, but I believe you have said it all...  
>the weaves (which, in many cases, are 'backed') hold up remarkably well.<

I believe the backing is what prevents the chenille from worming.

>Oh, and the chenilles are pretty much  
>across the board, money wise-meaning that you can find them at the 'cheap'  
>end of the fabrics and at the high

# WeaveTech Archive 9901

A trip through a mill outlet yarn store will show you a variety of chenille yarns. One thing I have noticed on my trips through outlets stores in North Carolina is much of the chenille used in a mill situation is not 100% rayon, rather has a high nylon content, as well as cotton. I wonder if this enters into the equation at all. I have purchased some of the "hunky" chenille, woven fabric for upholstery and had no worming. I \*only\* have worming when I use rayon chenille...no other. Someone once told me rayon chenille has no grabbing capabilities at all, and actually acts like a little caterpillar and crawls out of the structure. Any fiber with "grab" won't do this....certainly not to the degree rayon chenille will.

I am no expert, just have many years experience with different types of chenille yarns....so take this for what it is worth....I, too, am intensely curious as to the "why's" of all this....  
Su :-)...struggling to stay warm.....

To reply privately, send message to "Al and Su Butler" <apbutler@mc.net>

>From owner-weavetech@List-Server.net Tue Jan 5 09:29:56 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA20629; Tue, 5 Jan 1999 09:29:56 -0700 (MST)  
Received: from umailsrv2.umd.edu (umailsrv2.umd.edu [128.8.10.76]) by salmon.esosoft.net (8.8.5) id JAA20622; Tue, 5 Jan 1999 09:29:55 -0700 (MST)  
Received: from teststat (bay3-14.dial.umd.edu [128.8.23.206])  
by umailsrv2.umd.edu (8.9.0/8.9.0) with SMTP id LAA27529  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 11:19:12 -0500  
Message-Id: <3.0.32.19990105111200.006d7380@pop.umail.umd.edu>  
X-Sender: di5@pop.umail.umd.edu (Unverified)  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Tue, 05 Jan 1999 11:18:38 -0500  
To: weavetech@List-Server.net  
From: Bonnie Inouye <binouye@geocities.com>  
Subject: turned S and W  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi, Ruth,

I've done some summer and winter with a dark, fine, but not super-fine, warp alternating with a heavier, brightly colored dyed warp. When I wove using a dark silk weft (single shuttle), the fabric had a nice drape and the pattern showed well because the bright pattern warps stood out on the dark ground. I thought of this as turned summer and winter. You can use this same threading as a turned overshot if you change the tie-up and treadling. I have not tried using chenille in this but think it would work well for the summer and winter, not for the overshot. I'd like to try some with a fine silk weft, actually-- I like the silk with rayon chenille combination.

Any time you find that alternating shuttles is taking up time, consider turning the draft. That said, I don't have 2 back beams and have to be careful about mixing fibers in the warp this way. One problem with a turned summer and winter threading is that you will wish for more treadles. It's perfect for a computer-assisted loom, you can basically draw pictures in loom-controlled weaves. My workshop for MAFA this July will cover this technique. Ruth, the tied weaves-- summer and winter, diversified plain weave, and more-- are a big reason for buying a computer-assisted loom.

## WeaveTech Archive 9901

Did you see Martha Hubbard's wonderful garments at her booth at Convergence? I think one reason she doesn't have problems with worming is that her yarns are sett closely. Her fabrics have a wonderful hand, and we're lucky to have her on this list.

In addition to turned summer and winter, look at Lucille Creighton's work in turned taquete. Terrific garments, included in several recent Convergence fashion shows.

Bonnie Inouye  
binouye@geocities.com  
www.geocities.com/Paris/Bistro/4347

To reply privately, send message to Bonnie Inouye <binouye@geocities.com>

```
>From owner-weavetech@List-Server.net Tue Jan 5 09:36:52 1999
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA21900; Tue, 5 Jan 1999
09:36:52 -0700 (MST)
Received: from mail1.bctel.ca (nfs1.bctel.ca [207.194.28.66]) by salmon.esosoft.net
(8.8.5) id JAA21893; Tue, 5 Jan 1999 09:36:51 -0700 (MST)
X-Authentication-Warning: salmon.esosoft.net: Host nfs1.bctel.ca [207.194.28.66] claimed
to be mail1.bctel.ca
Received: from [209.53.22.189] (a3a05603.sympatico.bconnected.net [209.53.22.189])
by mail1.bctel.ca with ESMTP id IAA04331
for <weavetech@list-server.net>; Tue, 5 Jan 1999 08:36:52 -0800 (PST)
X-Sender: ryeburn@popserver.sfu.ca
Message-Id: <l03130300b2b7ee225826@[209.53.22.189]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 5 Jan 1999 08:36:50 -0800
To: WeaveTech <weavetech@list-server.net>
From: Jo Anne Ryeburn <ryeburn@sfu.ca>
Subject: Thick and Thin 1/1 Lampas
Sender: owner-weavetech@List-Server.net
Precedence: bulk
Reply-To: weavetech@list-server.net
```

Ruth wrote, concerning a thick and thin weave for chenille:

```
> As I was finishing the warp on
>Saturday, I started wondering about a technique that would adequately tie
>the chenille (and protect against worming) and yet not be so slow--perhaps
>a structure with only one end and shot of thin per thick instead of two.
>This brought to mind Summer & Winter. Has anyone tried using S&W as a
>thick & thin technique? Again, I'd use sewing thread or something nearly
>as fine for the thin and chenille for the thick.
```

I have had fun with something I call thick and thin 1/1 lampas, and wrote an article for Weaver's issue 28, page 40 presenting a runner in that technique. I also wove some vest fabric using the same technique. The ties and pattern weave tabby in the runner, 2/1 twill in the vest. I have since routinely added thin warp and weft ties to any experimental design I came up with which had overlong floats and woven as lampas. The thin weft matches the thick warp in color and vice versa.

Christine Spangler has done some very interesting work with tied weaves, featuring one tie thread alternating with a pattern thread. If you attended the CW seminars in Atlanta or have a friend who was there, the handbook has some handouts showing Christine's work. I took one of her seminars and have additional fascinating material on the topic.

Jo Anne

# WeaveTech Archive 9901

Jo Anne Ryeburn ryeburn@sfu.ca

To reply privately, send message to Jo Anne Ryeburn <ryeburn@sfu.ca>

>From owner-weavetech@List-Server.net Tue Jan 5 09:42:37 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA23604; Tue, 5 Jan 1999 09:42:37 -0700 (MST)  
Received: from newmail.netbistro.com (newmail.netbistro.com [204.239.167.35]) by salmon.esosoft.net (8.8.5) id JAA23592; Tue, 5 Jan 1999 09:42:35 -0700 (MST)  
Received: (qmail 2047 invoked by alias); 5 Jan 1999 16:42:40 -0000  
Received: (qmail 2038 invoked from network); 5 Jan 1999 16:42:38 -0000  
Received: from ip159.dialup.pgonline.com (HELO unknown) (204.239.167.159) by newmail.netbistro.com with SMTP; 5 Jan 1999 16:42:38 -0000  
Message-ID: <MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>  
In-Reply-To: <199901051100.EAA26449@salmon.esosoft.net>  
References: Conversation <199901051100.EAA26449@salmon.esosoft.net> with last message <199901051100.EAA26449@salmon.esosoft.net>  
X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <laurafry@netbistro.com>  
Subject: Re: chenille T&T  
Date: Tue, 05 Jan 99 07:47:10 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

While I haven't used the structure for chenille (yet) I think it might work - double two-tie unit weave woven S&W (dukagang fashion). One tie, one pattern. I wrote up the technique for Weavers a couple of years ago - if anyone is interested I could dig out the issue.

Laura Fry  
starting her Bozeman fashion show entry - another full size sample

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Tue Jan 5 09:42:46 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA23697; Tue, 5 Jan 1999 09:42:46 -0700 (MST)  
Received: from newmail.netbistro.com (newmail.netbistro.com [204.239.167.35]) by salmon.esosoft.net (8.8.5) id JAA23672; Tue, 5 Jan 1999 09:42:44 -0700 (MST)  
Received: (qmail 2078 invoked by alias); 5 Jan 1999 16:42:47 -0000  
Received: (qmail 2057 invoked from network); 5 Jan 1999 16:42:43 -0000  
Received: from ip159.dialup.pgonline.com (HELO unknown) (204.239.167.159) by newmail.netbistro.com with SMTP; 5 Jan 1999 16:42:43 -0000  
Message-ID: <MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>  
In-Reply-To: <199901051424.HAA24834@salmon.esosoft.net>  
References: Conversation <199901051424.HAA24834@salmon.esosoft.net> with last message <199901051424.HAA24834@salmon.esosoft.net>

# WeaveTech Archive 9901

X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <laurafry@netbistro.com>  
Subject: Re: db fly shuttle  
Date: Tue, 05 Jan 99 08:01:30 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Like Marge I haven't yet quite figured out how to use three shuttles in an AVL two box fs, but other than that, it is very easy to use. I've now got a four box on my AVL, and yes, it does make my underslung beater heavier to move.

As you choose whichever shuttle you want for each pick, it is very versatile. When weaving placemats, I can keep my "fugitive" weft shuttle in one box while weaving with my "real" weft. No hunting around for the other shuttle when needed.

I've woven diversified plain weave - two fine picks, one thick, summer and winter, colour and weave effects, you name it. You do have to concentrate a bit to make sure you get the right shuttle at the right time, especially in a complicated colour sequence (which I do quite often for the fashion designer I weave for) In other words, I can't listen to a book tape during these cloths!!! :D

When I bought the air assist last spring, I also went to a four box fly as I am doing a lot more three colour weaves in production. I haven't regretted it one bit, and I liked the two box right from the start (I ordered my AVL with it in 1981).

Like any new piece of equipment, it takes a bit of getting used to, but if you are seriously interested in doing two shuttle production, it is well worth it IMHO.

Laura Fry

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Tue Jan 5 09:42:50 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA23764; Tue, 5 Jan 1999 09:42:50 -0700 (MST)  
Received: from smtp3.erols.com (smtp3.erols.com [207.172.3.236]) by salmon.esosoft.net (8.8.5) id JAA23732; Tue, 5 Jan 1999 09:42:48 -0700 (MST)  
Received: from 207.172.138.101 (207-172-138-101.s38.as6.dam.erols.com [207.172.138.101]) by smtp3.erols.com (8.8.8/8.8.5) with SMTP id LAA05816 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 11:42:51 -0500 (EST)  
Message-ID: <36920917.32AC@erols.com>  
Date: Tue, 05 Jan 1999 12:44:09 +0000  
From: Diane Kelly <kelde@erols.com>  
Organization: Kelly Metalwork  
X-Mailer: Mozilla 3.01-C-DH397 (Macintosh; I; PPC)  
MIME-Version: 1.0  
To: weavetech@List-Server.net

# WeaveTech Archive 9901

Subject: Re: Weavemaker/AVL  
References: <2af8d3aa.3692340f@aol.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Janice:

I have Weavemaker 3.02 (the latest version) with a Compudobby I. I have no cartridges (got a used loom, ugh and AVL no longer has them for the I). It works okay with cartridges supposedly. The problem is, the #3 button on the control box does nothing. According to manual, it sets back to start of pattern (Pick 1). According to AVL, not supposed to do this. Mine does neither. I have a Mac IICI dedicated to loom, without anything but software and system software. The older version of the program did what the manual says. I got very used to it cause I do a lot of designing, color samples, etc. and was great to use even though there were some other bugs with the version. That is why I miss it. Peter was supposed to get back to me or try to find a cartridge but I never heard back. They did not know it was working as it was

Anyway, after all that, does yours work? (with and without cartridge, or do you always use cartridge?) Have you experienced any other inconsistencies?

Thanks!  
Diane Kelly  
kelde@erols.com

To reply privately, send message to Diane Kelly <kelde@erols.com>

>From owner-weavetech@List-Server.net Tue Jan 5 09:58:50 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA27594; Tue, 5 Jan 1999 09:58:50 -0700 (MST)  
Received: from smtp3.erols.com (smtp3.erols.com [207.172.3.236]) by salmon.esosoft.net (8.8.5) id JAA27580; Tue, 5 Jan 1999 09:58:47 -0700 (MST)  
Received: from 207.172.138.101 (207-172-138-101.s38.as6.dam.erols.com [207.172.138.101]) by smtp3.erols.com (8.8.8/8.8.5) with SMTP id LAA16368 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 11:58:28 -0500 (EST)  
Message-ID: <36920CC0.6D2@erols.com>  
Date: Tue, 05 Jan 1999 12:59:48 +0000  
From: Diane Kelly <kelde@erols.com>  
Organization: Kelly Metalwork  
X-Mailer: Mozilla 3.01-C-DH397 (Macintosh; I; PPC)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Weavemaker/AVL  
References: <2af8d3aa.3692340f@aol.com> <36920917.32AC@erols.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Faux pas--Sorry for the reply to Janice to the whole list everyone. Thought I had replied privately!  
Diane

To reply privately, send to kelde@erols.com

To reply privately, send message to Diane Kelly <kelde@erols.com>

# WeaveTech Archive 9901

>From owner-weavetech@List-Server.net Tue Jan 5 10:12:17 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA01815; Tue, 5 Jan 1999 10:12:17 -0700 (MST)  
Received: from mtiwmhc01.worldnet.att.net (mtiwmhc01.worldnet.att.net [204.127.131.36]) by salmon.esosoft.net (8.8.5) id KAA01811; Tue, 5 Jan 1999 10:12:16 -0700 (MST)  
Received: from default ([12.69.1.175]) by mtiwmhc01.worldnet.att.net (InterMail v03.02.05 118 121 101) with ESMTP id <19990105171150.DESZ25716@default> for <weavetech@List-Server.net>; Tue, 5 Jan 1999 17:11:50 +0000  
From: "Martha H. & Jeffrey D. Hubbard" <hubbard182@worldnet.att.net>  
To: <weavetech@List-Server.net>  
Subject: Re: fly shuttles  
Date: Tue, 5 Jan 1999 12:02:16 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-Id: <19990105171150.DESZ25716@default>  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> Ideally, a multi-box handloom fly shuttle should operate exactly as it does on a power loom, the boxes on each end of the lay should be independently moveable so that any box on the left can send or receive a shuttle to or from any box on the right. AVL arrangement does not.

Allen,

I weave for hours at a time. Once I get mesmerized with the rhythm of weaving, listening to my music and watching the birds flying past my window, I'm not sure my head could keep track of which shuttle was where and thus be able to avoid mid-shed collisions. I, for one, prefer my AVL 4-box fly shuttle just the way it is. If the appropriate empty receiving box did not move into position automatically, I'd be in real trouble.

Martha

To reply privately, send message to "Martha H. & Jeffrey D. Hubbard" <hubbard182@worldnet.att.net>

>From owner-weavetech@List-Server.net Tue Jan 5 10:19:23 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA03563; Tue, 5 Jan 1999 10:19:23 -0700 (MST)  
Received: from mail2.LCIA.COM (aerodown.com [207.30.138.60]) by salmon.esosoft.net (8.8.5) id KAA03556; Tue, 5 Jan 1999 10:19:22 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host aerodown.com [207.30.138.60] claimed to be mail2.LCIA.COM  
Received: from woodenporch.com ([209.26.68.64]) by mail2.LCIA.COM (Post.Office MTA v3.5.3 release 223 ID# 0-52462U2500L250S0V35) with ESMTP id COM for <weavetech@list-server.net>; Tue, 5 Jan 1999 12:21:52 -0500  
Message-ID: <369249AD.90547C39@woodenporch.com>  
Date: Tue, 05 Jan 1999 12:20:05 -0500  
From: Lois <books@woodenporch.com>  
X-Mailer: Mozilla 4.06 (Macintosh; I; PPC)  
MIME-Version: 1.0  
To: weavetech@list-server.net  
Subject: software question!  
References: <3.0.3.32.19990104082535.006b76fc@cpcug.org> <3691D534.1625@erols.com>  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"

# WeaveTech Archive 9901

Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Can anyone recommend a weaving softwear program for the Macintosh?  
Most everything that I have looked into is for PC's.  
Lois

To reply privately, send message to Lois <books@woodenporch.com>

>From owner-weavetech@List-Server.net Tue Jan 5 10:20:12 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA03772; Tue, 5 Jan 1999 10:20:12 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id KAA03768; Tue, 5 Jan 1999 10:20:10 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id MAA01213 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 12:20:15 -0500 (EST)  
Date: Tue, 5 Jan 1999 12:20:15 -0500 (EST)  
Message-Id: <199901051720.MAA01213@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: fly shuttles  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 12:02 PM 1/5/99 -0500, you wrote:

>Allen,  
> I weave for hours at a time. Once I get mesmerized with the rhythm of  
>weaving, listening to my music and watching the birds flying past my  
>window, I'm not sure my head could keep track of which shuttle was where  
>and thus be able to avoid mid-shed collisions.

>To reply privately, send message to "Martha H. & Jeffrey D. Hubbard"  
<hubbard182@worldnet.att.net>

REPLY:

There would be an initial learning curve, but as with all skills, you would be able to manipulate the boxes at will with out having to concentrate very much since the shuttle rotation would become part of the rhythm.

AAF  
ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

# WeaveTech Archive 9901

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 5 10:36:17 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA07859; Tue, 5 Jan 1999 10:36:17 -0700 (MST)  
Received: from mailc.telia.com (root@mailc.telia.com [194.22.190.4]) by salmon.esosoft.net (8.8.5) id KAA07846; Tue, 5 Jan 1999 10:36:14 -0700 (MST)  
Received: from d1o63.telia.com (root@d1o63.telia.com [195.198.44.241])  
by mailc.telia.com (8.8.8/8.8.8) with ESMTP id SAA13307  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 18:36:14 +0100 (CET)  
Received: from ixsvzykp (t1o63p410.telia.com [195.198.45.154])  
by d1o63.telia.com (8.8.8/8.8.5) with ESMTP id SAA21359  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 18:36:13 +0100 (MET)  
Message-Id: <199901051736.SAA21359@d1o63.telia.com>  
From: "Nilsson, Lovisa" <lovisa@tanum.mail.telia.com>  
To: <weavetech@List-Server.net>  
Subject: <http://www.avlusa.com/cybershuttle2/html/SWvGuidesYou.html>  
Date: Tue, 5 Jan 1999 18:37:36 +0100  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1161  
MIME-Version: 1.0  
Content-Type: multipart/mixed; boundary="-----\_NextPart\_000\_01BE38DA.76DBE0E0"  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Detta dr ett multipart-meddelande i MIME-format.

-----\_NextPart\_000\_01BE38DA.76DBE0E0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi,  
This is where I got my software for Macintosh

Regards

Lovisa in Sweden

-----\_NextPart\_000\_01BE38DA.76DBE0E0  
Content-Type: application/octet-stream; name="SwiftWeave Guides You.url"  
Content-Transfer-Encoding: 7bit  
Content-Description: SwiftWeave Guides You (Internet-genvdg)  
Content-Disposition: attachment; filename="SwiftWeave Guides You.url"

[InternetShortcut]

URL=<http://www.avlusa.com/cybershuttle2/html/SWvGuidesYou.html>

-----\_NextPart\_000\_01BE38DA.76DBE0E0--

To reply privately, send message to "Nilsson, Lovisa" <lovisa@tanum.mail.telia.com>

>From owner-weavetech@List-Server.net Tue Jan 5 11:08:33 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA05037; Tue, 5 Jan 1999 10:24:16 -0700 (MST)  
Received: from mailc.telia.com (root@mailc.telia.com [194.22.190.4]) by salmon.esosoft.net (8.8.5) id KAA05006; Tue, 5 Jan 1999 10:24:11 -0700 (MST)  
Received: from d1o63.telia.com (root@d1o63.telia.com [195.198.44.241])  
by mailc.telia.com (8.8.8/8.8.8) with ESMTP id SAA06972  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 18:24:07 +0100 (CET)

## WeaveTech Archive 9901

Received: from ixsvzykp (t1o63p180.telia.com [195.198.44.180])  
by d1o63.telia.com (8.8.8/8.8.5) with ESMTP id SAA17533  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 18:24:03 +0100 (MET)  
Message-Id: <199901051724.SAA17533@d1o63.telia.com>  
From: "Nilsson, Lovisa" <lovisa@tanum.mail.telia.com>  
To: <weavetech@List-Server.net>  
Subject: SV: software question!  
Date: Tue, 5 Jan 1999 18:25:15 +0100  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1161  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have used SwiftWeave for more than two years.  
I am very pleased with it.

Lovisa in Sweden

To reply privately, send message to "Nilsson, Lovisa" <lovisa@tanum.mail.telia.com>

>From owner-weavetech@List-Server.net Tue Jan 5 11:51:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA24474; Tue, 5 Jan 1999  
11:51:49 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id  
LAA24470; Tue, 5 Jan 1999 11:51:48 -0700 (MST)  
Received: from authoriu (asc233.idsonline.com [207.176.21.233]) by cpcug.org (8.8.4/  
8.6.12) with SMTP id NAA10768 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 13:51:39 -  
0500 (EST)  
Message-Id: <3.0.3.32.19990105135022.006cac50@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Tue, 05 Jan 1999 13:50:22 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Re:double box fs  
In-Reply-To: <199901051610.LAA14840@mailbox.syr.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I love the idea of being able to use up to 3 shuttles in 2X2 setup. Too  
bad AVL's double box doesn't allow this. Does anyone know if other mfgs  
(for home weaving--not industrial) do? How about the new (and not yet  
available) Louet Megado? How about Leclerc computerized looms?

Thx for the story about the shuttle-wreck, Allen. I had a  
great-train-wreck image of those two shuttles hurtling towards each other  
at 25 mph.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

# WeaveTech Archive 9901

>From owner-weavetech@List-Server.net Tue Jan 5 11:56:56 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA25881; Tue, 5 Jan 1999 11:56:56 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id LAA25868; Tue, 5 Jan 1999 11:56:52 -0700 (MST)  
Received: from authoriu (asc233.idsonline.com [207.176.21.233]) by cpcug.org (8.8.4/8.6.12) with SMTP id NAA11184 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 13:56:53 -0500 (EST)  
Message-Id: <3.0.3.32.19990105135542.006ca470@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Tue, 05 Jan 1999 13:55:42 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Re: Thick and Thin 1/1 Lampas  
In-Reply-To: <l03130300b2b7ee225826@[209.53.22.189]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Jo Anne wrote:

>Christine Spangler has done some very interesting work with tied weaves,  
>featuring one tie thread alternating with a pattern thread. If you attended  
>the CW seminars in Atlanta or have a friend who was there, the handbook has  
>some handouts showing Christine's work. I took one of her seminars and have  
>additional fascinating material on the topic.

I'm somewhat familiar w/ Chris's work, and had planned to pick her brain on this subject next time I see her. By a stroke of very good luck, she lives in this area and is a member of both our guild and our multishaft study group.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Tue Jan 5 12:03:30 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA27581; Tue, 5 Jan 1999 12:03:30 -0700 (MST)  
Received: from mail1.halcyon.com (mail1.halcyon.com [206.63.63.40]) by salmon.esosoft.net (8.8.5) id MAA27528; Tue, 5 Jan 1999 12:03:23 -0700 (MST)  
Received: from [206.63.41.202] (blv-lx106-ip2.nwnexus.net [206.63.41.202])  
by mail1.halcyon.com (8.8.8/8.8.8) with ESMTP id LAA06618  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 11:03:25 -0800 (PST)  
X-Sender: kwarner@mail.halcyon.com  
Message-Id: <l03010d01b2b805867fa5@[206.63.41.133]>  
In-Reply-To: <369249AD.90547C39@woodenporch.com>  
References: <3.0.3.32.19990104082535.006b76fc@cpcug.org>  
<3691D534.1625@erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 5 Jan 1999 10:53:13 -0800  
To: weavetech@List-Server.net  
From: Kathy Warner <kwarner@halcyon.com>  
Subject: Software for Macs  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk

# WeaveTech Archive 9901

Reply-To: weavetech@list-server.net

>Can anyone recommend a weaving software program for the Macintosh?

I use two, Swiftweave and Weavemaker One, and own a version of Proweave.

Swiftweave is a little simpler to use, and I probably wouldn't have bothered with anything else IF it had been able to work with Macomber's power supply for the ESP. It will do fabric analysis, making it possible to work backwards from the drawdown to the draft, and insert grounds, but I don't know if it will do two tie-downs per pattern thread. Have to check it out. I don't think you can set "pencil draws straight lines" like you can in Weavemaker, and that is a lovely feature, especially with lots of shafts. It will drive several varieties of looms, just not mine!

I use Weavemaker One most often, because it works with the Macomber. The color picker takes more steps, but you end up with a palette that you can save and use again. Weavemaker has a library of threadings, tie-ups, and treadlings that you can play with when your well is dry. You can draw a long squiggly line in the warp and it will make a network draft out of it. It is really a program for designers working with textile mills, so its capabilities are WAY beyond my needs (if you just click print draft you get four pages of specifications; check out the print options first.) My only quibble is that it wants to start weaving with the dobbie on the same pick each time it's turned on, and when I was playing with a 1000-pick sequence starting on pick 837 each and every time I started weaving was VERY inconvenient. The nice young woman at tech support at AVL was mystified and offered to send a replacement disk to see if the original was damaged. Unfortunately she sent a PC disk, and when I called back I got someone else who pooh-poohed the whole thing and said it was Macomber's problem. Naturally Macomber says it isn't, so I'm putting up with it. Actually I love it dearly, except for starting on pick 837!

I don't think I've given Proweave a chance, because I'm such an oaf with the mouse that I can't draw the component parts of the draft in the first place without a lot of stumbling around and cursing. Maybe someone else who's good at it could say something?

I don't know if Fiberworks has an older Mac version out, or when to expect the new one. People who have PC versions swear by it.

You can go to AVL's website and download demos of both Swiftweave and Weavemaker One. They won't save or print, but you'll get an idea of how they are to work with. The Weavemaker site (actually Designer Software) has a scaled-down version to download, called I think Weavenet, which works fine for 8h and no color.

And get yourself a copy of QD-Wif. It will interchange drafts with other weaving programs, either PC or Mac.

Have fun!

Kathy Warner (kwarner@halcyon.com)  
half warped & dinking around with 16h point twills

To reply privately, send message to Kathy Warner <kwarner@halcyon.com>

>From owner-weavetech@List-Server.net Tue Jan 5 12:04:38 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA27945; Tue, 5 Jan 1999

# WeaveTech Archive 9901

12:04:38 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id MAA27932; Tue, 5 Jan 1999 12:04:36 -0700 (MST)  
Received: from authoriu (asc233.idsonline.com [207.176.21.233]) by cpcug.org (8.8.4/8.6.12) with SMTP id OAA12592 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 14:04:33 -0500 (EST)  
Message-Id: <3.0.3.32.19990105140318.006cbbf8@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Tue, 05 Jan 1999 14:03:18 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Re: Weavemaker/AVL  
In-Reply-To: <36920CC0.6D2@erols.com>  
References: <2af8d3aa.3692340f@aol.com>  
<36920917.32AC@erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Faux pas--Sorry for the reply to Janice to the whole list everyone.

Not a faux pas at all, Diane. As long as it's relevant to weaving, I think it should be kept on the list. Some other poor soul might be having exactly the problem you're having, and will be helped by the discussion. Several people replied to me privately about summer & winter thick & thin, and tho' I don't feel at liberty to put on the list what they obviously wanted private, I think others might have wanted to see the info. (I know: some people are shy & don't like to write to the whole list. Others of us are blabberfingered. Who me?)

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Tue Jan 5 12:30:35 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA04680; Tue, 5 Jan 1999 12:30:35 -0700 (MST)  
Received: from darius.concentric.net (darius.concentric.net [207.155.184.79]) by salmon.esosoft.net (8.8.5) id MAA04666; Tue, 5 Jan 1999 12:30:34 -0700 (MST)  
Received: from newman.concentric.net (newman [207.155.184.71])  
by darius.concentric.net (8.9.1a/(98/08/04 5.11))  
id OAA22869; Tue, 5 Jan 1999 14:30:39 -0500 (EST)  
[1-800-745-2747 The Concentric Network]  
Received: from concentric.net (ts002d38.tuc-az.concentric.net [206.173.160.98])  
by newman.concentric.net (8.9.1a)  
id OAA04986; Tue, 5 Jan 1999 14:30:37 -0500 (EST)  
Message-ID: <3692684F.11364089@concentric.net>  
Date: Tue, 05 Jan 1999 12:30:23 -0700  
From: Marge Coe <MargeCoe@concentric.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Software for Macs  
References: <3.0.3.32.19990104082535.006b76fc@cpcug.org>  
<3691D534.1625@erols.com> <l03010d01b2b805867fa5@[206.63.41.133]>  
Content-Type: text/plain; charset=us-ascii

# WeaveTech Archive 9901

Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Kathy Warner wrote:

> I don't think I've given ProWeave a chance, because I'm such an oaf with  
> the mouse that I can't draw the component parts of the draft in the first  
> place without a lot of stumbling around and cursing. Maybe someone else  
> who's good at it could say something?

ProWeave is a graphics oriented program and has design functions in which it excels. I use the IBM version, but I've seen the Mac version operating and they are very, very similar. However, when it comes to loom interfaces Fiberworks PCW is thus far the best I've used. With the WIF format and depending on the type of design, I find myself designing in ProWeave and exporting to Fiberworks to use their loom control.

Margaret

-----  
MargeCoe@concentric.net  
Tucson, AZ, USA  
-----

To reply privately, send message to Marge Coe <MargeCoe@concentric.net>

>From owner-weavetech@List-Server.net Tue Jan 5 12:48:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA09024; Tue, 5 Jan 1999 12:48:53 -0700 (MST)  
Received: from mail1.halcyon.com (mail1.halcyon.com [206.63.63.40]) by salmon.esosoft.net (8.8.5) id MAA08979; Tue, 5 Jan 1999 12:48:46 -0700 (MST)  
Received: from [206.63.41.202] (blv-lx108-ip24.nwnexus.net [206.63.42.124]) by mail1.halcyon.com (8.8.8/8.8.8) with ESMTP id LAA26189 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 11:48:48 -0800 (PST)  
X-Sender: kwarner@mail.halcyon.com  
Message-Id: <l03010d03b2b81518280d@[206.63.41.202]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 5 Jan 1999 11:47:57 -0800  
To: weavetech@List-Server.net  
From: Kathy Warner <kwarner@halcyon.com>  
Subject: worms in crackle, and Elizabeth Barber's new book  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Another worm sighting, alas. These are in a turned crackle, sett 16 epi as suggested in Weavers 39, p.36. The weft is unmercerised cotton. Only one color wormed, and only at the junctions between blocks! This is especially discouraging because the sample didn't worm at all, and I actually MADE a sample!! This was supposed to be something fabulous to wear to the opera, but it's going to be something not-so-fabulous to wear to work. Rats!

Yesterday my copy of Elizabeth Wayland Barber's new book, Mummies of Urumchi, arrived. It has color photos of some of the fabrics, bands, braids (kongo-gumi, actually), and promises to be worth reading. I hope someone close to Washington can get to the Smithsonian to hear her (in a week or so?) and tell us all about it.

It's too bad those Pazyryk mummies are the subject of turf wars at present.

## WeaveTech Archive 9901

I'd like to hear what Barber has to say about their clothes compared to the Urumchi find. The woman seems to have worn a maru-genji braid around her middle, for instance.

Kathy Warner (kwarner@halcyon.com)

To reply privately, send message to Kathy Warner <kwarner@halcyon.com>

>From owner-weavetech@List-Server.net Tue Jan 5 15:20:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA15072; Tue, 5 Jan 1999 15:20:49 -0700 (MST)  
Received: from newmail.netbistro.com (newmail.netbistro.com [204.239.167.35]) by salmon.esosoft.net (8.8.5) id PAA15061; Tue, 5 Jan 1999 15:20:47 -0700 (MST)  
Received: (qmail 9227 invoked by alias); 5 Jan 1999 22:20:52 -0000  
Received: (qmail 9215 invoked from network); 5 Jan 1999 22:20:51 -0000  
Received: from ip186.dialup.pgonline.com (HELO unknown) (204.239.167.186) by newmail.netbistro.com with SMTP; 5 Jan 1999 22:20:51 -0000  
Message-ID: <MAPI.Id.0016.00617572616672793030383030383038@MAPI.to.RFC822>  
In-Reply-To: <199901051636.JAA21917@salmon.esosoft.net>  
References: Conversation <199901051636.JAA21917@salmon.esosoft.net> with last message <199901051636.JAA21917@salmon.esosoft.net>  
X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <laurafry@netbistro.com>  
Subject: Re: ps on db fs  
Date: Tue, 05 Jan 99 08:58:35 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

After I hit the send key the penny dropped - Ruth asked about fly shuttles for her scarves. In my experience, a fly shuttle does not work well when the web is less than 50% of the weaving width of the loom. If you are seriously thinking of production scarves, you might have to look at a narrower loom with fly shuttle to accomodate scarf widths.....

Laura Fry

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Tue Jan 5 15:42:27 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA19695; Tue, 5 Jan 1999 15:42:27 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id PAA19689; Tue, 5 Jan 1999 15:42:26 -0700 (MST)  
Received: from authoriu (asc188.idsonline.com [207.176.21.188]) by cpcug.org (8.8.4/8.6.12) with SMTP id RAA29982 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 17:42:32 -0500 (EST)  
Message-Id: <3.0.3.32.19990105174118.006c1b7c@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)

# WeaveTech Archive 9901

Date: Tue, 05 Jan 1999 17:41:18 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Re: Elizabeth Barber's new book  
In-Reply-To: <103010d03b2b81518280d@[206.63.41.202]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Kathy wrote:

>Yesterday my copy of Elizabeth Wayland Barber's new book, Mummies of  
>Urumchi, arrived. It has color photos of some of the fabrics, bands,  
>braids (kongo-gumi, actually), and promises to be worth reading. I hope  
>someone close to Washington can get to the Smithsonian to hear her (in a  
>week or so?) and tell us all about it.

I'm definitely going, and if Janet sent in for tkts in time <ggg>, she's probably going, too. The most recent Smithsonian Associates program announcement shows that lecture as sold out. We'll definitely report back.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Tue Jan 5 15:45:14 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA20414; Tue, 5 Jan 1999 15:45:14 -0700 (MST)  
Received: from nova.zianet.com (zianet.net [204.134.124.26]) by salmon.esosoft.net (8.8.5) id PAA20407; Tue, 5 Jan 1999 15:45:11 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host zianet.net [204.134.124.26] claimed to be nova.zianet.com  
Received: from lc584.zianet.com (lc584.zianet.com [204.134.98.216]) by nova.zianet.com (NTMail 3.02.13) with ESMTP id ja461561 for <WeaveTech@List-Server.net>; Tue, 5 Jan 1999 15:42:26 -0700  
Message-ID: <36929581.32A60243@zianet.com>  
Date: Tue, 05 Jan 1999 15:43:13 -0700  
From: "Adams, Carol" <chadams@zianet.com>  
X-Mailer: Mozilla 4.05 [en] (Win95; I)  
MIME-Version: 1.0  
To: WeaveTech@List-Server.net  
Subject: Tapestry Loom  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

For sale: 24" Fireside Fiberarts Cantilever Tapestry Loom. Please  
E-mail me privately for details at chadams@zianet.com

Carol in sunny Las Cruces, New Mexico

To reply privately, send message to "Adams, Carol" <chadams@zianet.com>

>From owner-weavetech@List-Server.net Tue Jan 5 16:27:39 1999

## WeaveTech Archive 9901

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA28880; Tue, 5 Jan 1999 16:27:39 -0700 (MST)  
Received: from uhura.concentric.net (uhura.concentric.net [206.173.119.93]) by salmon.esosoft.net (8.8.5) id QAA28874; Tue, 5 Jan 1999 16:27:38 -0700 (MST)  
Received: from marconi.concentric.net (marconi [206.173.119.71])  
by uhura.concentric.net (8.9.1a/(98/12/15 5.12))  
id SAA27323; Tue, 5 Jan 1999 18:27:19 -0500 (EST)  
[1-800-745-2747 The Concentric Network]  
Received: from concentric.net (ts002d20.tuc-az.concentric.net [206.173.160.80])  
by marconi.concentric.net (8.9.1a)  
id SAA09331; Tue, 5 Jan 1999 18:26:33 -0500 (EST)  
Message-ID: <36929F9C.9021FF71@concentric.net>  
Date: Tue, 05 Jan 1999 16:26:20 -0700  
From: Marge Coe <MargeCoe@concentric.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: ps on db fs  
References: Conversation <199901051636.JAA21917@salmon.esosoft.net> with last message  
<199901051636.JAA21917@salmon.esosoft.net>  
<MAPI.Id.0016.0061757261667279303038303038@MAPI.to.RFC822>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Laura Fry wrote:

> In my experience, a fly shuttle does not work  
> well when the web is less than 50% of the  
> weaving width of the loom.

I haven't had anywhere near as much experience as Laura, but I had no problem using a fly shuttle on table runners which, while probably a little wider than scarves, were pretty narrow and nowhere near 50% of the weaving width.

Fly-shuttle beginner's luck perhaps?

Margaret

-----  
MargeCoe@concentric.net  
Tucson, AZ, USA  
-----

To reply privately, send message to Marge Coe <MargeCoe@concentric.net>

>From owner-weavetech@List-Server.net Tue Jan 5 16:36:40 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA01213; Tue, 5 Jan 1999 16:36:40 -0700 (MST)  
Received: from imo26.mx.aol.com (imo26.mx.aol.com [198.81.17.70]) by salmon.esosoft.net (8.8.5) id QAA01200; Tue, 5 Jan 1999 16:36:37 -0700 (MST)  
From: AmyFibre@aol.com  
Received: from AmyFibre@aol.com  
by imo26.mx.aol.com (IM0v18.1) id 7VKYa00804  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 18:36:11 -0500 (EST)  
Message-ID: <1489503d.3692a1eb@aol.com>  
Date: Tue, 5 Jan 1999 18:36:11 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: cotton "shrinkage"

# WeaveTech Archive 9901

Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 226  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

In a message dated 1/5/99 9:56:03 AM Central Standard Time,  
MargeCoe@concentric.net writes:

> The gaps between warp and weft close up during finishing so the end product  
is  
> smaller in size than before finishing, but the fiber itself does not shrink.

I haven't read anything to that effect, or to contradict it, but my own home-  
done testing (ie. wet a 12" thread with hot water, dry it in the hot dryer or  
under a hot hair dryer and remeasure) shows about 10-12% "shortening" (ie.  
what I would call "shrinkage") in 900 ypp natural cotton chenille from Halcyon  
Yarns. This is confirmed by the contraction measured in finished product  
(ranges from 10% to 15% depending on structure).

I have similarly tested (yes, I know it is not scientific) other cotton yarns.  
Mercerized 10/2 pearl cotton does not appear to "shrink" in the same way.  
Perhaps it depends on the processing \*before\* it gets to me??

Totally unscientifically yours,

Amy  
amyfibre@aol.com

To reply privately, send message to AmyFibre@aol.com

>From owner-weavetech@List-Server.net Tue Jan 5 17:12:10 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA08785; Tue, 5 Jan 1999  
17:12:10 -0700 (MST)  
Received: from btc1.up.net (btc1p.up.net [205.242.59.10]) by salmon.esosoft.net (8.8.5)  
id RAA08771; Tue, 5 Jan 1999 17:12:08 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host btc1p.up.net [205.242.59.10] claimed  
to be btc1.up.net  
Received: from up.net (mun1-44.up.net [208.16.244.44])  
Message-ID: <3692AA41.24DFF29A@up.net>  
Date: Tue, 05 Jan 1999 19:11:45 -0500  
From: Iris Charmer <icharmer@up.net>  
Organization: Weaver in the Woods  
X-Mailer: Mozilla 4.07 [en] (Win95; I)  
MIME-Version: 1.0  
To: weaving@quilt.net, weavetech@List-Server.net  
Subject: EFS from R&R  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

A few months ago I bought an end feed shuttle from Robin & Russ. At  
first I didn't like it; tension wasn't adjustable and wasn't tight  
enough for the 10/2 cotton I tried it with. I tried it again today with  
some 1500ypp chenille, and found it just right.

I'd like to have another (for shadow weave, etc.), but this was  
apparently an odd-lot; R & R has no more. If anyone else bought one of  
these and is willing to part with it, please contact me (off-list, of

## WeaveTech Archive 9901

course). It has the imprint 'Hattersley 292 England 10/84' on the underside, and is 12" long, 1.25" high, 1.5" wide.

TIA

To reply privately, send message to Iris Charmer <icharmer@up.net>

>From owner-weavetech@List-Server.net Tue Jan 5 17:54:29 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA18318; Tue, 5 Jan 1999 17:54:29 -0700 (MST)  
Received: from imo15.mx.aol.com (imo15.mx.aol.com [198.81.17.5]) by salmon.esosoft.net (8.8.5) id RAA18311; Tue, 5 Jan 1999 17:54:28 -0700 (MST)  
From: JNBJ@aol.com  
Received: from JNBJ@aol.com  
by imo15.mx.aol.com (IM0v18.1) id BKDAa03538  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 19:53:53 +1900 (EST)  
Message-ID: <d8538917.3692b421@aol.com>  
Date: Tue, 5 Jan 1999 19:53:53 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re:fs web width  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL for Macintosh sub 50  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

<< > In my experience, a fly shuttle does not work  
> well when the web is less than 50% of the  
> weaving width of the loom. >>

My experience is far less than Laura's as well, (which is why I so enjoy your posts, Laura) but I've used a fs on 8" wide scarves. The loom is 40", which really has little to do with the problem, I think. It corresponds to the shuttle length, and how much yarn comes out. What I did for the 8" scarves was offset the warp by 2" to the right. The shuttle I use has the yarn coming off the right end, so when the shuttle goes to that side, more yarn comes off. I've done several 40 yd warps with it that way and haven't had a problem except that it really goes against the grain to have the warp off center!

Janice

To reply privately, send message to JNBJ@aol.com

>From owner-weavetech@List-Server.net Tue Jan 5 19:01:37 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA03867; Tue, 5 Jan 1999 19:01:37 -0700 (MST)  
Received: from netexpress.net (root@shamu.netexpress.net [206.65.64.2]) by salmon.esosoft.net (8.8.5) id TAA03861; Tue, 5 Jan 1999 19:01:35 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host root@shamu.netexpress.net [206.65.64.2] claimed to be netexpress.net  
Received: from [206.65.65.149] (flexgen-20.netexpress.net [206.65.65.149])  
by netexpress.net (8.9.1/8.9.1) with ESMTP id UAA22043  
for <weavetech@List-Server.net>; Tue, 5 Jan 1999 20:01:41 -0600  
X-Sender: dlindell@netexpress.net  
Message-Id: <v03007801b2b8739cf846@[206.65.65.149]>  
In-Reply-To: <199901051424.HAA24834@salmon.esosoft.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 5 Jan 1999 20:04:14 -0600  
To: weavetech@List-Server.net

# WeaveTech Archive 9901

From: Dick Lindell <hataori@writeme.com>  
Subject: Re:double-box flyshuttle  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> Ruth Blau <rsblau@cpcug.org> writes:  
>Subject: double-box flyshuttle

> Can this be done with a  
>double-box flyshuttle? T&T seems to me to have wonderful possibilities,  
>but it is sooooooooooooo slow.

Well, Ruth, you probably got your answers from AAF & others. \*However\* you would best not think that running a double flyshuttle on a handloom (\*not\* AAF's industrial stuff) is not fast at all. It may even rival hand throwing for its slowness. You know it's not always true that what can be done should be done.

Dick Lindell, Weaver  
Check out Dick's Die-Cut cards at<<http://www.angelfire.com/il/dickshome>>  
-----

One who elevates their profession iz the best mechanic, whether preaching the gospel, peddling phisic, or skinning eels for a living.  
- Josh Billings

To reply privately, send message to Dick Lindell <hataori@writeme.com>

>From owner-weavetech@List-Server.net Tue Jan 5 19:50:50 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA18098; Tue, 5 Jan 1999 19:50:50 -0700 (MST)  
Received: from scaup.prod.itd.earthlink.net (scaup.prod.itd.earthlink.net [207.217.120.49]) by salmon.esosoft.net (8.8.5) id TAA18092; Tue, 5 Jan 1999 19:50:49 -0700 (MST)  
Received: from earthlink.net (2Cust35.tnt1.sfo1.da.uu.net [208.250.181.163]) by scaup.prod.itd.earthlink.net (8.8.7/8.8.5) with ESMTP id SAA01023 for <weavetech@List-Server.net>; Tue, 5 Jan 1999 18:50:54 -0800 (PST)  
Message-ID: <3692D064.F8765E66@earthlink.net>  
Date: Tue, 05 Jan 1999 18:54:28 -0800  
From: Catherine Markey <markeyali@earthlink.net>  
Organization: @Earthlink.net  
X-Mailer: Mozilla 4.05 [en]C-AtHome0404 (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: double-box flyshuttle  
References: <3.0.3.32.19990105072143.006bc9b4@cpcug.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Ruth:

Here is a novice AVL double fly box users thoughts.

I love the dfb and really had major concerns about whether this even made sense. I had never used one or truly any fly box except for about 2 embarassingly awkward shots at AVL booth. I didn't limited multi-shuttle weaving - mostly because of the slowness pre fly box days.

# WeaveTech Archive 9901

>From my initial "why would anyone want to handweave on that?" to "I must have one" was a short step really, and took only a few years. My comments surely were a reflection of my lack of education about looms and what I really wanted to do with one. (or 4 as the case may be).

You control which shuttle via a shift lever, so you can weave 2 or a zillion shots w/one shuttle and switch to the other shuttle for one shot or more. I found it suprisingly fast and suddenly all those undone projects started marching in front of me (like the raisins?). I find it much faster than hand throwing the second shuttle, though I know some people do that with a single box.

Catherine Markey in Petaluma, CA

To reply privately, send message to Catherine Markey <markeyali@earthlink.net>

>From owner-weavetech@List-Server.net Wed Jan 6 01:31:34 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id BAA18097; Wed, 6 Jan 1999 01:31:34 -0700 (MST)  
Received: from smtp1.mindspring.com (smtp1.mindspring.com [207.69.200.31]) by salmon.esosoft.net (8.8.5) id BAA18092; Wed, 6 Jan 1999 01:31:30 -0700 (MST)  
Received: from ibm-customer (user-38ldh3r.dialup.mindspring.com [209.86.196.123]) by smtp1.mindspring.com (8.8.5/8.8.5) with SMTP id DAA25774 for <weavetech@List-Server.net>; Wed, 6 Jan 1999 03:31:29 -0500 (EST)  
Message-Id: <3.0.1.32.19990106003219.006a0004@pop.mindspring.com>  
X-Sender: bnathans@pop.mindspring.com  
X-Mailer: Windows Eudora Light Version 3.0.1 (32)  
Date: Wed, 06 Jan 1999 00:32:19 -0800  
To: weavetech@List-Server.net  
From: Barbara Nathans <bnathans@mindspring.com>  
Subject: flyshuttle  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Margaret says:

I had no problem

using a fly shuttle on table runners which, while probably a little wider than scarves, were pretty narrow and nowhere near 50% of the weaving width.

I agree. Being addicted to the fly shuttle, I try it on any width I'm weaving. and it usually works. But then, I only have a single box wwhich I understand is more user friendly if limited. Even with 2 shuttles, it adds to efficientcy.

EJ Barber is an entertaining speaker. Sure doesn't look like an academic....

We're off to Burma (Myanmar) with Craft World Tours on Friday... Will report back on textiles...

Barbara Nathans Bellport, Long Island, NY  
(and warm and sunny San Diego, Ca for January, February and March)

To reply privately, send message to Barbara Nathans <bnathans@mindspring.com>

>From owner-weavetech@List-Server.net Wed Jan 6 05:43:15 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA18199; Wed, 6 Jan 1999 05:43:15 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id FAA18193; Wed, 6 Jan 1999 05:43:14 -0700 (MST)  
Received: from authoriu (damascus-md-242.idsonline.com [209.8.42.242]) by cpcug.org

# WeaveTech Archive 9901

(8.8.4/8.6.12) with SMTP id HAA06884 for <weavetech@List-Server.net>; Wed, 6 Jan 1999 07:43:15 -0500 (EST)  
Message-Id: <3.0.3.32.19990106074101.00b1d538@cpcug.org>  
X-Sender: jstoll@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Wed, 06 Jan 1999 07:41:01 -0500  
To: weavetech@List-Server.net  
From: Janet Stollnitz <jstoll@cpcug.org>  
Subject: Re: Elizabeth Barber's new book  
In-Reply-To: <3.0.3.32.19990105174118.006c1b7c@cpcug.org>  
References: <l03010d03b2b81518280d@[206.63.41.202]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Kathy wrote:

>>Yesterday my copy of Elizabeth Wayland Barber's new book, Mummies of  
>>Urumchi, arrived. It has color photos of some of the fabrics, bands,  
>>braids (kongo-gumi, actually), and promises to be worth reading. I hope  
>>someone close to Washington can get to the Smithsonian to hear her (in a  
>>week or so?) and tell us all about it.

I also have tickets for the lecture. Now to try to find time to read (more likely peruse) the book before the lecture.

Janet

---

Janet Stollnitz  
Silver Spring, MD

jstoll@cpcug.org

---

To reply privately, send message to Janet Stollnitz <jstoll@cpcug.org>

>From owner-weavetech@List-Server.net Wed Jan 6 05:52:20 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA20018; Wed, 6 Jan 1999 05:52:20 -0700 (MST)  
Received: from imo14.mx.aol.com (imo14.mx.aol.com [198.81.17.4]) by salmon.esosoft.net (8.8.5) id FAA20008; Wed, 6 Jan 1999 05:52:19 -0700 (MST)  
From: Foresthrt@aol.com  
Received: from Foresthrt@aol.com  
by imo14.mx.aol.com (IM0v18.1) id GBFBa05514  
for <weavetech@List-Server.net>; Wed, 6 Jan 1999 07:51:40 -0500 (EST)  
Message-ID: <12c61c41.36935c5c@aol.com>  
Date: Wed, 6 Jan 1999 07:51:40 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: Mac software  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 3.0.1 for Mac sub 84  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Can anyone recommend a weaving software program for the Macintosh?  
>Most everything that I have looked into is for PC's.

I got Swiftweave 5.1 for Mac at Convergence Atlanta. Though I do not have a computer driven loom, I like the software- but be aware my demands on it and time spent with it are low. Where are you, Lois? A visit to mid MD possible?

# WeaveTech Archive 9901

I think you can still download demos of Weavemaker (another Mac program) off the net.

Mary Klotz foresthrt@aol.com  
Forestheart Studio (301) 845-4447  
200 South Main St. box 112, Woodsboro (near Frederick) MD 21798  
11-5 east coast time; closed Wed. and Sun.

To reply privately, send message to Foresthrt@aol.com

>From owner-weavetech@List-Server.net Wed Jan 6 05:52:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA20170; Wed, 6 Jan 1999 05:52:49 -0700 (MST)  
Received: from imo25.mx.aol.com (imo25.mx.aol.com [198.81.17.69]) by salmon.esosoft.net (8.8.5) id FAA20163; Wed, 6 Jan 1999 05:52:47 -0700 (MST)  
From: Foresthrt@aol.com  
Received: from Foresthrt@aol.com  
by imo25.mx.aol.com (IM0v18.1) id BFUQa15302  
for <weavetech@List-Server.net>; Wed, 6 Jan 1999 07:52:09 -0500 (EST)  
Message-ID: <58a56dd2.36935c79@aol.com>  
Date: Wed, 6 Jan 1999 07:52:09 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: T & T/diversified plain weave  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 3.0.1 for Mac sub 84  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Ruth wrote:

>finished a sample warp of chenille and sewing thread in Madelyn's  
>version of diversified plain weave, which she generally calls Thick & Thin,  
>tho sometimes seems to call simply diversified plain weave

Can anyone recommend some book(s) that could bring me up to speed on this?

Mary Klotz

To reply privately, send message to Foresthrt@aol.com

>From owner-weavetech@List-Server.net Wed Jan 6 06:23:27 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA25813; Wed, 6 Jan 1999 06:23:27 -0700 (MST)  
Received: from imo15.mx.aol.com (imo15.mx.aol.com [198.81.17.5]) by salmon.esosoft.net (8.8.5) id GAA25808; Wed, 6 Jan 1999 06:23:26 -0700 (MST)  
From: EVESTUDIO@aol.com  
Received: from EVESTUDIO@aol.com  
by imo15.mx.aol.com (IM0v18.1) id LVBCa03539  
for <weavetech@List-Server.net>; Wed, 6 Jan 1999 08:22:22 -0500 (EST)  
Message-ID: <b4aaf1d4.3693638e@aol.com>  
Date: Wed, 6 Jan 1999 08:22:22 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: Mac software  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 214  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

# WeaveTech Archive 9901

I can recommend ProWeave for the Mac. Although I do not have a Mac I have used ProWeave on them both. It works the same. A very good software.

I'm new to WeaveTech, weave on an AVL 16 Harness computer assisted loom in my studio in my home. Have also a Passap E6000 knitting machine and do my art using both -- sometimes in combination.

Elaine E. Deyo

Reply privately to: EVESTUDIO@aol.com

To reply privately, send message to EVESTUDIO@aol.com

>From owner-weavetech@List-Server.net Wed Jan 6 06:43:37 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA28325; Wed, 6 Jan 1999 06:43:37 -0700 (MST)  
Received: from imo17.mx.aol.com (imo17.mx.aol.com [198.81.17.7]) by salmon.esosoft.net (8.8.5) id GAA28318; Wed, 6 Jan 1999 06:43:36 -0700 (MST)  
From: JNBJ@aol.com  
Received: from JNBJ@aol.com  
by imo17.mx.aol.com (IMOV18.1) id XDCZa03212  
for <weavetech@List-Server.net>; Wed, 6 Jan 1999 08:42:49 -0500 (EST)  
Message-ID: <4615dd89.36936859@aol.com>  
Date: Wed, 6 Jan 1999 08:42:49 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re:industrial fs  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL for Macintosh sub 50  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Allen,

Thanks for the explanation of the industrial fs box system. Several years ago, I was offered a free industrial sample loom. I desperately wanted it, since I'm fascinated with equipment, but knew I'd probably never figure out how to use it, nor would I want to pay for the electrical upgrade my house would have needed, not to mention a whole host of other challenges. It's now in an historical society's building, but I doubt it's set up.

I was confused at the time when I could see that it had 5 boxes on each side and the man told me I could use 9 different colors/yarns. Now I understand. Thanks, again.

Janice

To reply privately, send message to JNBJ@aol.com

>From owner-weavetech@List-Server.net Wed Jan 6 07:22:31 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA07162; Wed, 6 Jan 1999 07:22:31 -0700 (MST)  
Received: from smtp1.erols.com (smtp1.erols.com [207.172.3.234]) by salmon.esosoft.net (8.8.5) id HAA07156; Wed, 6 Jan 1999 07:22:30 -0700 (MST)  
Received: from LOCALNAME (207-172-56-151.s151.tnt12.ann.erols.com [207.172.56.151])  
by smtp1.erols.com (8.8.8/8.8.5) with SMTP id JAA28959  
for <weavetech@List-Server.net>; Wed, 6 Jan 1999 09:22:31 -0500 (EST)  
Message-ID: <36939BC2.4E42@erols.com>  
Date: Wed, 06 Jan 1999 09:22:10 -0800  
From: Anne Wells <arwells@erols.com>  
X-Mailer: Mozilla 3.01C-DH397 (Win16; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: T & T/diversified plain weave

# WeaveTech Archive 9901

References: <58a56dd2.36935c79@aol.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Mary -

As Ruth says in her message, sometimes the "Thick 'n Thin" that Madelyn talks and writes about, and teaches, is simply called diversified plain weave (dpw). But they are two different things. Different in threading, treadling, and look (when you look close). I hate for the terms to be used interchangeably, because they are not the same. Maybe I am being too picky!

Klara Cherepov wrote a small book in 1972 on dpw. I have a copy, and we're close enough that maybe we could find a way for you to borrow it!. However, much easier is to look through some of the old Weavers for both the dpw articles and also MvdH's article on Thick 'n Thin, where she shows differences with dpw. BTW, the advantages to MvdH's approach are many: easier threading and easier treadling. Much easier treadling.

Anne in Annandale  
arwells@erols.com

> Can anyone recommend some book(s) that could bring me up to speed on this?  
>  
> Mary Klotz  
>  
> To reply privately, send message to Foresthrt@aol.com

To reply privately, send message to Anne Wells <arwells@erols.com>

>From owner-weavetech@List-Server.net Wed Jan 6 07:24:03 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA07678; Wed, 6 Jan 1999 07:24:03 -0700 (MST)  
Received: from mail-01.cdsnet.net (mail-01.cdsnet.net [206.107.16.35]) by salmon.esosoft.net (8.8.5) id HAA07661; Wed, 6 Jan 1999 07:24:02 -0700 (MST)  
Received: (qmail 17048 invoked from network); 6 Jan 1999 14:24:04 -0000  
Received: from d01a8042.dip.cdsnet.net (HELO cdsnet.net) (208.26.128.66) by mail.cdsnet.net with SMTP; 6 Jan 1999 14:24:04 -0000  
Message-ID: <369372D2.7E541888@cdsnet.net>  
Date: Wed, 06 Jan 1999 06:27:31 -0800  
From: Margaret Copeland <busys@cdsnet.net>  
X-Mailer: Mozilla 4.03 [en] (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re:double-box flyshuttle  
References: <199901061100.EAA04375@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> > Can this be done with a  
> >double-box flyshuttle? T&T seems to me to have wonderful possibilities,  
> >but it is sooooooooooooo slow.  
>  
> Well, Ruth, you probably got your answers from AAF & others. \*However\* you  
> would best not think that running a double flyshuttle on a handloom (\*not\*  
> AAF's industrial stuff) is not fast at all. It may even rival hand  
> throwing for its slowness. You know it's not always true that what can be  
> done should be done.

## WeaveTech Archive 9901

I'm an owner of a 40" 16H folding AVL dobbie. I got a double box fly shuttle which runs on the lower beater. I was prepared to like it but now the whole assembly sits in my storage room. First of all, I found the center pull very fatiguing for extended weaving sessions. Since I now lift weights, I'm not sure it would even be a problem. At the time I was weaving on commission, it really got tiring to use. Secondly no matter how I adjusted the beater, the shuttles, leveled the loom etc., I still had quite a few mispicks and the shuttle would leave the race. This pitted the floor of the room I was weaving in. I could never weave around kids or pets. The weight on the under slung beater caused the relatively short beater to twist and wobble while beating. I love shadow weave. Shadow weave would be an ideal candidate for the double drop box but not on this loom. I know I can weave faster hand throwing a \*single shuttle\* on my 40" width than using the fly. I've timed myself. I know if I really practiced it, I could weave double shuttles pretty quickly as well. I've seen a four drop box on a 60" loom in action and I know people who adore the plain vanilla side-snapped fly shuttle.

- Margaret Copeland  
<http://home.cdsnet.net/~busys>

To reply privately, send message to Margaret Copeland <busys@cdsnet.net>

>From owner-weavetech@List-Server.net Wed Jan 6 07:26:35 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA08613; Wed, 6 Jan 1999 07:26:35 -0700 (MST)  
Received: from imo28.mx.aol.com (imo28.mx.aol.com [198.81.17.72]) by salmon.esosoft.net (8.8.5) id HAA08607; Wed, 6 Jan 1999 07:26:34 -0700 (MST)  
From: AmyFibre@aol.com  
Received: from AmyFibre@aol.com  
by imo28.mx.aol.com (IMOV18.1) id VANYa23166  
for <weavetech@list-server.net>; Wed, 6 Jan 1999 09:25:25 -0500 (EST)  
Message-ID: <d7705d15.36937255@aol.com>  
Date: Wed, 6 Jan 1999 09:25:25 EST  
To: weavetech@list-server.net  
Mime-Version: 1.0  
Subject: Announcement - New PlySplit Braiding List  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 226  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

---- Jan 6, 1999 ----

It is with great anticipation and pleasure that we invite to join a newly formed email discussion group:

[PlySplit@craftwolf.com](mailto:PlySplit@craftwolf.com)

Linda Hendrickson is the List-Leader and the List Mentor is Peter Collingwood.

My name is Wheat Carr, my job is "List-Witch", handling all the admin details, thus leaving Linda & Peter free to join in the discussions.

This is the description of the list's focus taken from the web based sign-up page located at:

<http://www.craftwolf.com/plysplit/join-ply.htm>

"PlySplit is for the focused discussion of all aspects of ply-split braiding --- history, yarns, cord-making, tools, techniques, and contemporary uses of ply-split

# WeaveTech Archive 9901

braiding techniques to create both decorative and functional objects.

@CraftWolf.Com invites you to share in the excitement and enthusiasm for these structures, ethnic patterns & beautiful colors thru the discussion of this less widely known fiber art. "

Please note this is \*not\* a "chat" group. But rather a way to facilitate Focused discussion. As such, we expect that the quantity of messages will be fairly low volume.

We sincerely hope you will consider joining us. If you need assistance in getting signed up, please email [listlist@craftwolf.com](mailto:listlist@craftwolf.com) for a copy of our comprehensive "list how to's" message.

At the risk of sounding, flip, the curtains are not hung, and the tools are not quite unpacked and on the shelves, but the table and chairs stand ready for you to join in.

Wheat

--

Wheat Carr <mailto:wheat@craftwolf.com>

=====

Weaving Weft-Faced? Let's Talk About It  
<http://www.craftwolf.com/join-mrx.htm>

+++++

Get Wired For Weaving  
<http://www.craftwolf.com/artwire1.htm>

To reply privately, send message to [AmyFibre@aol.com](mailto:AmyFibre@aol.com)

>From owner-weavetech@List-Server.net Wed Jan 6 07:32:31 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA10561; Wed, 6 Jan 1999 07:32:31 -0700 (MST)  
Received: from imo13.mx.aol.com (imo13.mx.aol.com [198.81.17.3]) by salmon.esosoft.net (8.8.5) id HAA10553; Wed, 6 Jan 1999 07:32:29 -0700 (MST)  
From: WC3424@aol.com  
Received: from WC3424@aol.com  
by imo13.mx.aol.com (IM0v18.1) id 5QXKa05309  
for <weavetech@List-Server.net>; Wed, 6 Jan 1999 09:31:48 -0500 (EST)  
Message-ID: <4d41b066.369373d4@aol.com>  
Date: Wed, 6 Jan 1999 09:31:48 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: weavetech-digest V1 #141  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 214  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

<< I have used rayon chenille successfully as weft in fairly open twills (but haven't tried S&W) on perle cotton warps. Much to my continued surprise and delight, no item has been returned for worming so far. >>

What yarn size are you using on the perle cotton warps and what is the sett. This might be the answer so many of us are looking to have. You obviously have the perfect sett for same!

Does anyone have difficulty using the fly shuttle on the 60" loom? I have a

## WeaveTech Archive 9901

double fly, but I can't for the life of me manage to throw it with ease the full distance. I've checked to see if the batten was level. I have waxed the shuttle race, the shuttle. I have replaced the rubber bands on the fly boxes. Am I missing anything? I've even had physical therapy and am thinking maybe this is just me. After having polio, I might have muscles which have atrophied. The air assist has enabled me to weave for the same difficulty in my legs. But, I am so in hopes there is some little something I'm missing on the fly shuttle.

Thanks! Charlotte Lindsay Allison

To reply privately, send message to WC3424@aol.com

>From owner-weavetech@List-Server.net Wed Jan 6 09:11:56 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA09641; Wed, 6 Jan 1999 09:11:56 -0700 (MST)  
Received: from mail2.LCIA.COM (aerodown.com [207.30.138.60]) by salmon.esosoft.net (8.8.5) id JAA09625; Wed, 6 Jan 1999 09:11:55 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host aerodown.com [207.30.138.60] claimed to be mail2.LCIA.COM  
Received: from woodenporch.com ([209.26.68.115]) by mail2.LCIA.COM (Post.Office MTA v3.5.3 release 223 ID# 0-52462U2500L250S0V35) with ESMTP id COM for <weavetech@list-server.net>; Wed, 6 Jan 1999 11:14:27 -0500  
Message-ID: <36938B68.A1552EE5@woodenporch.com>  
Date: Wed, 06 Jan 1999 11:12:39 -0500  
From: Lois <books@woodenporch.com>  
X-Mailer: Mozilla 4.06 (Macintosh; I; PPC)  
MIME-Version: 1.0  
To: weavetech@list-server.net  
Subject: Re: Mac software  
References: <12c61c41.36935c5c@aol.com>  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Thanks Mary.

I'll look into Swiftweave. After 12 years on a PC I switched to a MAC ans have found there is not too much available for the MAC. I'm in FL.  
Lois

Foresthrt@aol.com wrote:

> >Can anyone recommend a weaving softwear program for the Macintosh?  
> >Most everything that I have looked into is for PC's.  
>  
> I got Swiftweave 5.1 for Mac at Convergence Atlanta. Though I do not have a  
> computer driven loom, I like the software- but be aware my demands on it and  
> time spent with it are low. Where are you, Lois? A visit to mid MD possible?  
>  
> I think you can still download demos of Weavemaker (another Mac program) off  
> the net.  
>  
> Mary Klotz foresthrt@aol.com  
> Forestheart Studio (301) 845-4447  
> 200 South Main St. box 112, Woodsboro (near Frederick) MD 21798  
> 11-5 east coast time; closed Wed. and Sun.  
>  
> To reply privately, send message to Foresthrt@aol.com

# WeaveTech Archive 9901

--

Lois Mueller  
Wooden Porch Books  
books@woodenporch.com

To reply privately, send message to Lois <books@woodenporch.com>

>From owner-weavetech@List-Server.net Wed Jan 6 09:28:41 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA14586; Wed, 6 Jan 1999 09:28:41 -0700 (MST)  
Received: from mtiwmhc02.worldnet.att.net (mtiwmhc02.worldnet.att.net [204.127.131.37]) by salmon.esosoft.net (8.8.5) id JAA14543; Wed, 6 Jan 1999 09:28:38 -0700 (MST)  
Received: from default ([12.69.1.10]) by mtiwmhc02.worldnet.att.net (InterMail v03.02.05 118 121 101) with ESMTP id <19990106162811.HUUP5675@default> for <weavetech@List-Server.net>; Wed, 6 Jan 1999 16:28:11 +0000  
From: "Martha H. & Jeffrey D. Hubbard" <hubbard182@worldnet.att.net>  
To: <weavetech@List-Server.net>  
Subject: Re: weavetech-digest V1 #147  
Date: Wed, 6 Jan 1999 11:17:17 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-Id: <19990106162811.HUUP5675@default>  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> << I have used rayon chenille successfully as weft in fairly open twills (but haven't tried S&W) on perle cotton warps. Much to my continued surprise and delight, no item has been returned for worming so far. >>  
>  
> What yarn size are you using on the perle cotton warps and what is the sett.  
> This might be the answer so many of us are looking to have. You obviously have the perfect sett for same!  
>

I've done this successfully on 20/2 perle cotton sett at 36 and on 20/2 sett at 30. A lot of it was turned twill blocks, using a mixture of 1/3, 2/2 and 3/1 to achieve varying surface effects with the play of the cotton warp versus the rayon chenille. Generally, I try to use the finest chenille that I can. It seems to work better than the heavier stuff with the fine warps. Also, this combination makes the lighter weight fabrics that I like sewing on. If I have trouble getting fabric under the presser foot of my 28 year old sewing machine, it's no fun to work with and doesn't make a crisp looking garment.  
Martha

To reply privately, send message to "Martha H. & Jeffrey D. Hubbard" <hubbard182@worldnet.att.net>

>From owner-weavetech@List-Server.net Wed Jan 6 09:52:36 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA20787; Wed, 6 Jan 1999 09:52:36 -0700 (MST)  
Received: from burgoyne.com (burgoyne.com [209.197.0.8]) by salmon.esosoft.net (8.8.5) id

# WeaveTech Archive 9901

JAA20762; Wed, 6 Jan 1999 09:52:33 -0700 (MST)  
Received: from moms233 (pmey14.burgoyne.com [209.197.5.67])  
by burgoyne.com (8.8.7/8.8.6) with SMTP id JAA31606  
for <weavetech@List-Server.net>; Wed, 6 Jan 1999 09:52:37 -0700  
Message-ID: <01de01be3994\$1d9faf60\$4305c5d1@moms233>  
From: "Judie Eatough" <jeatough@cougar.netutah.net>  
To: <weavetech@List-Server.net>  
Subject: Re: T & T/diversified plain weave  
Date: Wed, 6 Jan 1999 09:46:29 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> As Ruth says in her message, sometimes the "Thick 'n Thin" that  
>Madelyn talks and writes about, and teaches, is simply called  
>diversified plain weave (dpw). But they are two different things.

I think that is why Madelyn is calling it Thick 'n Thin. There are some  
differences in the look of the finished fabric. But if the T&T will give a  
look that your like, it is the easiest to thread and weave.

The only resource for the T&T is the magazine or workshop notes.

To reply privately, send message to "Judie Eatough" <jeatough@cougar.netutah.net>

>From owner-weavetech@List-Server.net Wed Jan 6 15:39:20 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA18708; Wed, 6 Jan 1999  
15:39:20 -0700 (MST)  
Received: from newmail.netbistro.com (newmail.netbistro.com [204.239.167.35]) by  
salmon.esosoft.net (8.8.5) id PAB18694; Wed, 6 Jan 1999 15:39:18 -0700 (MST)  
Received: (qmail 29142 invoked by alias); 6 Jan 1999 22:39:21 -0000  
Received: (qmail 29113 invoked from network); 6 Jan 1999 22:39:19 -0000  
Received: from ip165.dialup.pgonline.com (HELO unknown) (204.239.167.165)  
by newmail.netbistro.com with SMTP; 6 Jan 1999 22:39:19 -0000  
Message-ID: <MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>  
In-Reply-To: <199901061432.HAA10577@salmon.esosoft.net>  
References: Conversation <199901061432.HAA10577@salmon.esosoft.net> with last message  
<199901061432.HAA10577@salmon.esosoft.net>  
X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <laurafry@netbistro.com>  
Subject: Re: fly shuttle on 60" AVL  
Date: Wed, 06 Jan 99 13:20:04 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

My loom is 60" and I have an underslung  
beater. I didn't have any particular problem

## WeaveTech Archive 9901

using it except I did find that the AVL shuttles were on the light side in terms of weight. When I switched to heavier industrial EFS I found that they would easily cross to the other side instead of dying half or 3/4 the way across.

With a slightly heavier shuttle, it seems that small inconsistencies in how the pirn/bobbin is wound create less of a problem in terms of being jerked off the race. If you are really having problems of this nature, you might want to turn the shuttle around so that any jerking would cause the shuttle to be pulled in closer to the reed.

Laura Fry

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Thu Jan 7 06:16:09 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA27699; Thu, 7 Jan 1999 06:16:09 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id GAA27691; Thu, 7 Jan 1999 06:16:07 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id IAA20356 for <weavetech@List-Server.net>; Thu, 7 Jan 1999 08:16:10 -0500 (EST)  
Date: Thu, 7 Jan 1999 08:16:10 -0500 (EST)  
Message-Id: <199901071316.IAA20356@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: ps on db fs  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 08:58 AM 1/5/99 PST, you wrote:

>Ruth asked about fly shuttles for her scarves.  
>In my experience, a fly shuttle does not work  
>well when the web is less than 50% of the  
>weaving width of the loom. If you are  
>seriously thinking of production scarves, you  
>might have to look at a narrower loom with  
>fly shuttle to accomodate scarf widths.....

REPLY:

While it is somewhat difficult to weave with less than 50% of the loom width, the weaving of scarves does not have to be limited to weaving only one scarf width at a time. We generally wove from three to five scarf width at a time on either our handlooms for samples or on power for production using two sets of doup ends at the edge of each scarf width including the two outside ones. Nearly all scarves on the market are made this way and the doup edge we used has never been a durability problem.

On the other hand, there is the warp length trade-off. If the number of

## WeaveTech Archive 9901

scarves being woven is small, making the warp length too short for efficiency then it would be better to use a loom width which would more appropriately accomodate a single scarf width.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Thu Jan 7 06:36:11 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA01839; Thu, 7 Jan 1999 06:36:11 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id GAA01834; Thu, 7 Jan 1999 06:36:10 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id IAA23206 for <weavetech@List-Server.net>; Thu, 7 Jan 1999 08:36:12 -0500 (EST)  
Date: Thu, 7 Jan 1999 08:36:12 -0500 (EST)  
Message-Id: <199901071336.IAA23206@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re:double-box flyshuttle  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 08:04 PM 1/5/99 -0600, you wrote:

>  
>> Ruth Blau <rsblau@cpcug.org> writes:  
>>Subject: double-box flyshuttle

>Well, Ruth, you probably got your answers from AAF & others. \*However\* you >would best not think that running a double flyshuttle on a handloom (\*not\* >AAf's industrial stuff) is not fast at all. It may even rival hand >throwing for its slowness. You know it's not always true that what can be >done should be done.

>To reply privately, send message to Dick Lindell <hataori@writeme.com>

REPLY:

Depending on how far along the learning curve a handloom weavers is, a fly shuttle in my experience has always proved faster than a hand thrown shuttle if for no other reason than that a fly shuttle lay, properly designed and operated will eliminated many small but additive hand movements. The key words here being "...properly designed and operated...". This I have found to be true even with a multiple box handloom fly shuttle. My experience is in both handlooms and powerlooms and I discovered the similarities between the two by always trying whatever can be done and then analysing how it may

## WeaveTech Archive 9901

or may not have worked. It this analysis which is so valuable and should not be missed.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Thu Jan 7 06:44:23 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA03635; Thu, 7 Jan 1999 06:44:23 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id GAA03631; Thu, 7 Jan 1999 06:44:22 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id IAA24571 for <weavetech@List-Server.net>; Thu, 7 Jan 1999 08:44:25 -0500 (EST)  
Date: Thu, 7 Jan 1999 08:44:25 -0500 (EST)  
Message-Id: <199901071344.IAA24571@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re:double-box flyshuttle  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 06:27 AM 1/6/99 -0800, you wrote:

Secondly no matter how I adjusted the beater, the shuttles, leveled >the loom etc., I still had quite a few mispicks and the shuttle would leave the >race. This pitted the floor of the room I was weaving in. I could never weave >around kids or pets. The weight on the under slung beater caused the relatively >short beater to twist and wobble while beating.

> - Margaret Copeland  
> <http://home.cdsnet.net/~busys>

REPLY:

This comment goes directly to the heart of a post I just sent in which the key was having a fly shuttle lay which was properly designed and operated. Clearly if the lay in racking (twisting) as described here, then it has not been properly designed. Any time a shuttle takes off from a shed, there is something wrong in the system. Over the years we wove literally millions of picks every year and once a handloom or a power loom picking motion was properly adjusted, shuttles never took off.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department

# WeaveTech Archive 9901

224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Thu Jan 7 08:15:17 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA24683; Thu, 7 Jan 1999 08:15:17 -0700 (MST)  
Received: from burgoyne.com (burgoyne.com [209.197.0.8]) by salmon.esosoft.net (8.8.5) id IAA24530; Thu, 7 Jan 1999 08:14:56 -0700 (MST)  
Received: from moms233 (pmey12.burgoyne.com [209.197.5.65])  
by burgoyne.com (8.8.7/8.8.6) with SMTP id IAA18987  
for <weavetech@List-Server.net>; Thu, 7 Jan 1999 08:14:58 -0700  
Message-ID: <002d01be3a4f\$a2e07900\$4105c5d1@moms233>  
From: "Judie Eatough" <jeatough@cougar.netutah.net>  
To: <weavetech@List-Server.net>  
Subject: Re: Re:double-box flyshuttle  
Date: Thu, 7 Jan 1999 08:08:50 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> Secondly no matter how I adjusted the beater,

When I had this problem, I found that I needed to readjust the bolts on the AVL bottom slung fly shuttle and add paper shims in one spot. Then the shuttle stayed on the race. It should. I throw the shuttle with the beater all the way back so twist is never a problem. And for some projects I have used a very light weight end feed shuttle.

To reply privately, send message to "Judie Eatough" <jeatough@cougar.netutah.net>

>From owner-weavetech@List-Server.net Thu Jan 7 08:30:18 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA28297; Thu, 7 Jan 1999 08:30:18 -0700 (MST)  
Received: from osh1.datasync.com (root@osh1.datasync.com [205.216.82.5]) by salmon.esosoft.net (8.8.5) id IAA28286; Thu, 7 Jan 1999 08:30:16 -0700 (MST)  
Received: from internet (bsl2-24.ametro.net [209.16.91.216]) by osh1.datasync.com (8.8.8/Datasync) with SMTP id JAA15612 for <WeaveTech@List-Server.net>; Thu, 7 Jan 1999 09:30:18 -0600  
Message-Id: <3.0.5.32.19990107093320.007b1a80@datasync.com>  
X-Sender: cyncrull@datasync.com  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Thu, 07 Jan 1999 09:33:20 -0600  
To: WeaveTech@List-Server.net

## WeaveTech Archive 9901

From: Cynthia S Crull <cyncrull@datasync.com>  
Subject: Re: questions about the fs  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have a 60" AVL, 4 box fly. I weave narrow widths, as narrow as 7 or 8" with no problem. I do off-set the warp to the right, but usually about 3 inches.

I use a hand shuttle when I am doing small amounts of pattern yarn with in a fabric. Such as when doing a small overshot border, I throw the tabby with the fly, then use the hand for the pattern (this is with towels etc, that are narrow) then the fly. This saves switching back and forth each throw and is faster to me, for small areas. If doing something like dw when I will be using the 2 shuttles throughout the fabric then I switch back and forth. I do develop a rhythm, not as fast as single shuttle weaves, obviously, but fast none-the-less.

If you are loosing the shuttle off the race, another solution may be to be sure the REED is even. Sometimes you have to put a shim in the beater where the reed is mounted. If there is a little discrepancy in the straightness of the reed it will throw the shuttle off track. I have a lot of pits here and there. My dogs as well as any people! stay clear of the two sides of the loom. My golden retriever will sometimes lie down in the flight of the shuttle, and I will say "Annie, go to the back of the loom" and she gets up and moves back!

I have used 3 shuttles in the boxes, but usually just 2. I got the loom used and this is what it came with, not sorry, they are there if I want them. It is an overhead beater BTW, and I don't notice the weight as a detriment.

Cynthia

Blue Sycamore Handwovens  
116 Sycamore Street  
Bay St. Louis, MS 39520-4221  
cyncrull@datasync.com

To reply privately, send message to Cynthia S Crull <cyncrull@datasync.com>

>From owner-weavetech@List-Server.net Thu Jan 7 08:38:17 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA00413; Thu, 7 Jan 1999 08:38:17 -0700 (MST)  
Received: from smtp11.bellglobal.com (smtp11.bellglobal.com [204.101.251.53]) by salmon.esosoft.net (8.8.5) id IAA00380; Thu, 7 Jan 1999 08:38:15 -0700 (MST)  
Received: from default (ppp820.on.bellglobal.com [206.172.239.52])  
by smtp11.bellglobal.com (8.8.5/8.8.5) with SMTP id KAA21735  
for <weavetech@List-Server.net>; Thu, 7 Jan 1999 10:39:46 -0500 (EST)  
Message-Id: <3.0.32.19990107103915.007588d0@pop1.sympatico.ca>  
X-Sender: blzzom44@pop1.sympatico.ca  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Thu, 07 Jan 1999 10:40:58 -0500  
To: weavetech@List-Server.net  
From: Ingrid Boesel <fiberworks.pcw@sympatico.ca>  
Subject: fly shuttle  
Mime-Version: 1.0  
Content-Type: text/enriched; charset="us-ascii"

# WeaveTech Archive 9901

Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

In response to Laura's suggestion with the heavier shuttles.

Laura works on 60 inch loom. This means that the shuttle travels almost 2 yards. Lots of momentum needed to get all that way.

With 48 and 40 inch looms the AVL will probably do. I worked with it on my 48 with very few problems

The problems I had were

1. uneven thread thickness results in jerking on shuttle, with subsequent dents in the floor.
2. uneven winding of the pirn.
3. incorrect pulling on the handle to shoot the shuttle across

Until I learned to wind good pirns, I had tons of floor dents. Once the winding of the pirns was mastered floor dents were minimized. The yarn should be wound with a fair lot of tension, with even movement and NEVER any hills where the thread could come from the last valley. This causes the shuttle to jerk to an abrupt stop.

If wound with low tension the thread coming off the tip can cause the thread in the next layer to come off too and this causes a jerk, a knot an tangle etc.

There are two kinds of fly shuttle pulls on the AVL (Laura did you or your husband not publish an article on this?)

One handle gets pulled down, the other gets flicked side to side.

The side pull handle gives greater control to the force used and the follow through makes for smoother action. I also find it is less tiring and it is ergonomically better for me. In fact my hands were starting to hurt a lot when I started with the centre down pull handle. With the side pull one, and the new padded handle grip it is much easier.

I visited Jim Aherns with Judie Eatough last April. And it was a great pleasure. Among the amazing things he showed us was a new design for the side pull handle. Instead of pulling or flicking the handle was a lever type with an ergonomic grip. There was a wooden support hanging down from the centre front of the loom. Fastened to this was another lever. This lever was fastened to the support so that about 1/3 of its length was above and 2/3 was below the fulcrum. The pull cords were fastened to the top of this lever and the bottom of the lever was shaped into a handle that could be gripped in your fist, with a rest for the fist at the bottom. The thing worked so well, smoothly, effortlessly that it was amazing.

He had lots of little holes in the support and lever to make adjustments to height and mechanical advantage, that I could see that it was the prototype. He told us that Sharon Alderman was using it now.

I wish I were better at drawing, I want this on my loom.

Ingrid

~~~~~

# WeaveTech Archive 9901

When You Are Warped, What's Weft

<italic>

</italic>Ingrid Boesel, the weaving half of Fiberworks PCW

Visit us at: <http://www3.sympatico.ca/fiberworks.pcw>

To reply privately, send message to Ingrid Boesel <fiberworks.pcw@sympatico.ca>

>From owner-weavetech@List-Server.net Thu Jan 7 09:11:25 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA09616; Thu, 7 Jan 1999 09:11:25 -0700 (MST)  
Received: from imo13.mx.aol.com (imo13.mx.aol.com [198.81.17.3]) by salmon.esosoft.net (8.8.5) id JAA09586; Thu, 7 Jan 1999 09:11:23 -0700 (MST)  
From: EVESTUDIO@aol.com  
Received: from EVESTUDIO@aol.com  
by imo13.mx.aol.com (IM0v18.1) id HPUWa05340  
for <weavetech@List-Server.net>; Thu, 7 Jan 1999 11:10:47 -0500 (EST)  
Message-ID: <ebca6e14.3694dc87@aol.com>  
Date: Thu, 7 Jan 1999 11:10:47 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Winding  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 214  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

If you use thin leather "fingers" to grip your yarn; not too firmly, when your wind on it will help to control the way the prim is wound. It is easy then to build the correct shape and when weaving the yarn feeds off much more smoothly.

Elaine E. Deyo

Reply privately to: EVESTUDIO@aol.com

To reply privately, send message to EVESTUDIO@aol.com

>From owner-weavetech@List-Server.net Thu Jan 7 09:29:14 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA14346; Thu, 7 Jan 1999 09:29:14 -0700 (MST)  
Received: from smtp.email.msn.com (smtp.email.msn.com [207.68.143.177]) by salmon.esosoft.net (8.8.5) id JAA14341; Thu, 7 Jan 1999 09:29:13 -0700 (MST)  
Received: from compaq - 142.194.201.111 by email.msn.com with Microsoft SMTPSVC;  
Thu, 7 Jan 1999 08:28:47 -0800  
Message-ID: <000301be3a5a\$c6d3f5c0\$6fc9c28e@compaq>  
From: "Susan Van Iderstine" <Vaniderstine@email.msn.com>  
To: <weavetech@list-server.net>  
Subject: Re: Summer & Winter T&T?  
Date: Wed, 6 Jan 1999 12:53:54 -0400  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I recently did some sampling using chenille as the pattern thread in a fine

## WeaveTech Archive 9901

cotton summer-and-winter weave. It turned out great, much to my surprise. (This was my first attempt at summer-and-winter, hence the sampling. I'm not usually a "sample first" weaver.) The cloth was both sturdy and soft, and the chenille didn't worm at all. I did the samples hoping for ideas for reversible scarves. Haven't made the scarves yet but the samples were so promising that they may be next year's Christmas presents. The chenille just about covered the warp in the pattern areas, giving distinct areas of colour and texture. I'm thinking a jewel-tone warp with a dark or black chenille....

If you do anything with this, please keep me posted as to how it turns out.

Susan Van Iderstine  
Vaniderstine@msn.com

-----Original Message-----

From: Ruth Blau <rsblau@cpcug.org>

To: weavetech@List-Server.net <weavetech@List-Server.net>

Date: January 4, 1999 9:27 AM

Subject: Summer & Winter T&T?

>This brought to mind Summer & Winter. Has anyone tried using S&W as a  
>thick & thin technique? Again, I'd use sewing thread or something nearly  
>as fine for the thin and chenille for the thick.

>

>Might this work? Any feedback?

>

>Ruth

>-----

>rsblau@cpcug.org

>Arlington, Virginia USA

To reply privately, send message to "Susan Van Iderstine" <Vaniderstine@email.msn.com>

>From owner-weavetech@List-Server.net Thu Jan 7 10:53:51 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA03856; Thu, 7 Jan 1999 10:53:51 -0700 (MST)

Received: from host1.all-systems.com (root@host1.all-systems.com [209.25.8.116]) by salmon.esosoft.net (8.8.5) id KAA03849; Thu, 7 Jan 1999 10:53:48 -0700 (MST)

Received: from all-systems.com ([209.25.8.35])

by host1.all-systems.com (8.8.5/8.8.5) with ESMTTP id MAA03421

for <weavetech@List-Server.net>; Thu, 7 Jan 1999 12:53:51 -0500 (EST)

Message-ID: <3694F452.EF70BC82@all-systems.com>

Date: Thu, 07 Jan 1999 12:52:18 -0500

From: Pat Baker <baker@all-systems.com>

X-Mailer: Mozilla 4.05 [en] (WinNT; I)

MIME-Version: 1.0

To: weavetech@List-Server.net

Subject: Re: ps on db fs

References: <199901071316.IAA20356@mailbox.syr.edu>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

Yay! I finally have a weave-tech question :-)

Allen, weaving more than one scarf-width is something I've recently pondered over. I've seen beautiful wool scarves from Scotland with no side selvedge, but instead a thin fringe and machine stitching up each side to hold it, so I thought that would be the way to go. Is there another method (I think you were describing it in this post) that creates a "normal" selvedge and/or do you have

## WeaveTech Archive 9901

to use a separate shuttle for each width? This seems like it would take a great deal of time in the weaving, even though the warping would only have to be done once.

Thanks for any light you can shed on this subject!

Pat Baker

The Trojan Rabbit/Baroque n' Beads  
in Baltimore, MD

Allen Fannin wrote:

> At 08:58 AM 1/5/99 PST, you wrote:

>

> >Ruth asked about fly shuttles for her scarves.

> >In my experience, a fly shuttle does not work

> >well when the web is less than 50% of the

> >weaving width of the loom. If you are

> >seriously thinking of production scarves, you

> >might have to look at a narrower loom with

> >fly shuttle to accomodate scarf widths.....

>

> REPLY:

>

> While it is somewhat difficult to weave with less than 50% of the loom

> width, the weaving of scarves does not have to be limited to weaving only

> one scarf width at a time. We generally wove from three to five scarf width

> at a time on either our handlooms for samples or on power for production

> using two sets of doup ends at the edge of each scarf width including the

> two outside ones. Nearly all scarves on the market are made this way and the

> doup edge we used has never been a durability problem.

>

> On the other hand, there is the warp length trade-off. If the number of

> scarves being woven is small, making the warp length too short for

> efficiency then it would be better to use a loom width which would more

> appropriately accomodate a single scarf width.

>

> AAF

> ALLEN FANNIN, Adjunct Prof., Textile Science

> ECR Department

> 224 Slocum Hall

> College for Human Development

> Syracuse University

> Syracuse, New York 13244-1250

> Phone: (315) 443-1256/4635

> FAX: (315) 443-2562

> E-mail: <aafannin@mailbox.syr.edu>

> Web: <http://syllabus.syr.edu/TEX/aafannin>

>

> To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

To reply privately, send message to Pat Baker <baker@all-systems.com>

>From owner-weavetech@List-Server.net Thu Jan 7 14:32:37 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id OAA29149; Thu, 7 Jan 1999 14:32:37 -0700 (MST)

Received: from mail-01.cdsnet.net (mail-01.cdsnet.net [206.107.16.35]) by salmon.esosoft.net (8.8.5) id OAA29139; Thu, 7 Jan 1999 14:32:34 -0700 (MST)

Received: (qmail 11101 invoked from network); 7 Jan 1999 21:32:32 -0000

Received: from d01a81d8.dip.cdsnet.net (HELO cdsnet.net) (208.26.129.216)

by mail.cdsnet.net with SMTP; 7 Jan 1999 21:32:32 -0000

Message-ID: <369528BE.4C552759@cdsnet.net>

# WeaveTech Archive 9901

Date: Thu, 07 Jan 1999 13:35:58 -0800  
From: Margaret Copeland <busys@cdsnet.net>  
X-Mailer: Mozilla 4.03 [en] (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re:double-box flyshuttle  
References: <199901071538.IAA00437@salmon.esosoft.net>  
Content-Type: multipart/alternative; boundary="-----4CA589B8945255F65154EEB3"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

-----4CA589B8945255F65154EEB3  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> This comment goes directly to the heart of a post I just sent in which the  
> key was having a fly shuttle lay which was properly designed and operated.  
> Clearly if the lay in racking (twisting) as described here, then it has not  
> been properly designed.  
>  
> 1. uneven thread thickness results in jerking on shuttle, with subsequent dents in  
the floor.  
> 2. uneven winding of the pirn.  
> 3. incorrect pulling on the handle to shoot the shuttle across  
>  
>  
> If you are loosing the shuttle off the race, another solution may be to be  
> sure the REED is even. Sometimes you have to put a shim in the beater  
> where the reed is mounted.  
>

In response to this comment and a few others: No my reed was properly mounted and is flat. I am a very good and even pirn winder. I've had this problem with very slick and smooth yarns and ones not so smooth. I don't think I should have to be shimming or correcting anything to make the double box work. I took and implemented all the suggestions that AVL gave me. Still no go. Also I am in the habit of throwing the shuttle across the race before I beat up and not when then beater is in the farthest position from the woven warp. I've also given up on the auto pick advance because of the fact that it doesn't work properly unless the fell line is almost on the bumpers. People who have one can visualize this. The fell line should be about parallel to the doobby arm. I do have a special handle on the manual warp advance. Now I only wish for finer teeth on the manual advance sprocket. For fine threads, a 1/2" tooth spacing is too much.

In addition to my frustrations with the above, I've never understood *why* each peddle motion on the AVL can't get you a new shed. This could be accomplished with a cam. With the doobby chain, one peddle lifts all of the weight, one peddle only advances the chain. I've gotten terrible hip problems from extended weaving sessions - the motion is unbalanced for the body. With a compudobby where there is absolutely no mechanical reason to move the chain, there really is no excuse for this design. Weaving would be much faster and more ergonomic. Mr.Ahrens has a doobby loom where each peddle gives you a new shed.

Believe it or not - I still love my AVL loom. - Margaret Copeland

-----4CA589B8945255F65154EEB3  
Content-Type: text/html; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<HTML>  
&nbsp;



## WeaveTech Archive 9901

To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: ps on db fs  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 12:52 PM 1/7/99 -0500, you wrote:

>instead a thin fringe and machine stitching up each side to hold it,  
Is there another method (I think you were  
>describing it in this post) that creates a "normal" selvedge and/or do you have  
>to use a separate shuttle for each width?

>To reply privately, send message to Pat Baker <baker@all-systems.com>

REPLY:

What you are seeing is not a machine stitching but is the two sets of three end leno on the edge. There are generally two standard ends, usually weaving plain, of the same yarn as the body of the scarf and one doup end crossing every pick or sometimes every other pick made from a strong smooth twisted filament yarn in each set.

In reeding a warp for multiple scarf widths, a space, about 1/2" - 3/4" depending on projected shrinkage in finishing, is left in the reed between each scarf width. The filling passes completely across all the scarf widths. and when the goods are finished, the individual scarf widths are cut apart between each of the leno sets so as to leave two sets on the edge of each scarf.

For the fringe area between each scarf length, there would be a different filling. We used a dissolveable vinyl yarn which maintained the fringe ends in their parallel configuration, was able to tolerate the moderate heat of wet finishing (around 30 - 35 degrees C) but was removed by the application of water at something less than twice that before the widths were separated. Once the widths were separated, the lengths were cut in the center of the fringe area unless a rolled fringe was required. In that case, the fringe was rolled as soon as the vinyl was removed.

In this way, the scarves were actually treated as piece goods until they were separated individually. While this sounds complex, in reality it is quite easy and commonly done where the number of scarves, whether woven on a handloom or power, would make this method appropriate.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Thu Jan 7 17:26:17 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA04355; Thu, 7 Jan 1999

# WeaveTech Archive 9901

17:26:17 -0700 (MST)  
Received: from EXODUS.VALPO.EDU (exodus.valpo.edu [152.228.34.2]) by salmon.esosoft.net (8.8.5) id RAA04351; Thu, 7 Jan 1999 17:26:15 -0700 (MST)  
Received: from [152.228.37.135] by EXODUS.VALPO.EDU (PMDF V5.1-10 #20257) with SMTP id <01J690W85PTG001SLB@EXODUS.VALPO.EDU> for WeaveTech@List-Server.net; Thu, 7 Jan 1999 18:25:59 CST  
Date: Thu, 07 Jan 1999 19:52:51 -0600  
From: jnordling@EXODUS.VALPO.EDU (John Nordling)  
Subject: Re: AVL treadling  
To: WeaveTech@List-Server.net  
Message-id: <v01510101b2bb1466a8d3@[152.228.37.135]>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Margaret Copeland wrote:

> In addition to my frustrations with the above, I've never understood  
>\*why\* each peddle motion on the AVL can't get you a new shed. This could  
>be accomplished with a cam. With the doobby chain, one peddle lifts all of  
>the weight, one peddle only advances the chain. I've gotten terrible hip  
>problems from extended weaving sessions - the motion is unbalanced for the  
>body. With a computoobby where there is absolutely no mechanical reason to  
>move the chain, there really is no excuse for this design. Weaving would  
>be much faster and more ergonomic. Mr.Ahrens has a doobby loom where each  
>peddle gives you a new shed.  
> Believe it or not - I still love my AVL loom. - Margaret Copeland

I agree with you entirely and for some of the same reasons. I have some nerve damage in my right leg and find lifting all the shafts with this leg soon causes me problems. One motion be shed would be ideal, sharing the weight on each leg. I'd even be happy if there were a way to switch the right and left pedals as my left leg as no problems and is stronger. (This is not something I noticed on test-driving an AVL as I did not weave on it for the length of time I required to cause me problems). I too still love my AVL, it is the best loom for me that I have found so far.

Sara

To reply privately, send message to jnordling@EXODUS.VALPO.EDU (John Nordling)

>From owner-weavetech@List-Server.net Thu Jan 7 17:31:50 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA05999; Thu, 7 Jan 1999 17:31:50 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id RAA05970; Thu, 7 Jan 1999 17:31:45 -0700 (MST)  
Received: from authoriu ([209.150.113.232])  
by cpcug.org (8.9.1a/8.9.1) with SMTP id TAA05330  
for <weavetech@List-Server.net>; Thu, 7 Jan 1999 19:31:50 -0500 (EST)  
Message-Id: <3.0.3.32.19990107192929.038bd000@cpcug.org>  
X-Sender: jstoll@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Thu, 07 Jan 1999 19:29:29 -0500  
To: weavetech@List-Server.net  
From: Janet Stollnitz <jstoll@cpcug.org>  
Subject: Re: AVL treadling  
In-Reply-To: <v01510101b2bb1466a8d3@[152.228.37.135]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net

# WeaveTech Archive 9901

Precedence: bulk  
Reply-To: weavetech@list-server.net

Sara and others,

I have heard that it is possible to reverse the functions of the left and right treadles on the AVL Computobby. Have you asked AVL about doing this?  
Tom is this so?

One AVL owner has commented that her right calf muscles are much stronger and larger than her left ones due to weaving on her Computobby.

Janet (who has blocks on her treadles)

---

Janet Stollnitz jstoll@cpcug.org  
Silver Spring, MD

---

To reply privately, send message to Janet Stollnitz <jstoll@cpcug.org>

>From owner-weavetech@List-Server.net Thu Jan 7 17:34:07 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA06802; Thu, 7 Jan 1999 17:34:07 -0700 (MST)  
Received: from newmail.netbistro.com (secure.pgonline.com [204.239.167.4]) by salmon.esosoft.net (8.8.5) id RAA06791; Thu, 7 Jan 1999 17:34:06 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host secure.pgonline.com [204.239.167.4] claimed to be newmail.netbistro.com  
Received: (qmail 846 invoked by alias); 8 Jan 1999 00:34:11 -0000  
Received: (qmail 806 invoked from network); 8 Jan 1999 00:34:08 -0000  
Received: from ip218.dialup.pgonline.com (HELO unknown) (204.239.167.218) by newmail.netbistro.com with SMTP; 8 Jan 1999 00:34:08 -0000  
Message-ID: <MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>  
In-Reply-To: <199901071538.IAA00437@salmon.esosoft.net>  
References: Conversation <199901071538.IAA00437@salmon.esosoft.net> with last message <199901071538.IAA00437@salmon.esosoft.net>  
X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <laurafry@netbistro.com>  
Subject: Re: fly shuttle pulls  
Date: Thu, 07 Jan 99 10:59:49 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I changed my fly shuttle pull from AVL's up and down action which is standard on their multiple box fly shuttles, to a side to side pull which was more comfortable for me to use. (I have now had \*two\* whiplash injuries, and the up and down movement was too much stress on my neck - the side to side movement transferred the work more to my shoulder).

Doug did write this up for Complex Weavers. It is listed in the Index, and if I could find the issue I would be happy to photocopy and send to anyone interested.

Laura Fry

# WeaveTech Archive 9901

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Thu Jan 7 17:58:45 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA14166; Thu, 7 Jan 1999 17:58:45 -0700 (MST)  
Received: from newmail.netbistro.com (secure.pgonline.com [204.239.167.4]) by salmon.esosoft.net (8.8.5) id RAA14154; Thu, 7 Jan 1999 17:58:43 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host secure.pgonline.com [204.239.167.4] claimed to be newmail.netbistro.com  
Received: (qmail 7626 invoked by alias); 8 Jan 1999 00:58:53 -0000  
Received: (qmail 7618 invoked from network); 8 Jan 1999 00:58:52 -0000  
Received: from ip168.dialup.pgonline.com (HELO setup) (204.239.167.168) by newmail.netbistro.com with SMTP; 8 Jan 1999 00:58:52 -0000  
Message-ID: <000201be3aa0\$f0b00b40\$a8a7efcc@setup>  
From: "Darlene Mulholland" <darmul@netbistro.com>  
To: "weavetech" <weavetech@list-server.net>  
Subject: avl treadling  
Date: Thu, 7 Jan 1999 16:49:40 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2110.0  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I could be wrong but I'm pretty sure it isn't all that difficult to switch the treadles around on an AVL. I'd contact them and check if it is possible. Seems to me I've heard on someone doing this. Someone on this list?

Darlene Mulholland  
darmul@netbistro.com  
<http://www.pgmoneysaver.bc.ca/weaving/>

To reply privately, send message to "Darlene Mulholland" <darmul@netbistro.com>

>From owner-weavetech@List-Server.net Thu Jan 7 18:33:15 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA22199; Thu, 7 Jan 1999 18:33:15 -0700 (MST)  
Received: from netexpress.net (root@shamu.netexpress.net [206.65.64.2]) by salmon.esosoft.net (8.8.5) id SAA22186; Thu, 7 Jan 1999 18:33:13 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host root@shamu.netexpress.net [206.65.64.2] claimed to be netexpress.net  
Received: from [206.65.65.165] (flexgen-36.netexpress.net [206.65.65.165]) by netexpress.net (8.9.1/8.9.1) with ESMTP id TAA25516 for <weavetech@List-Server.net>; Thu, 7 Jan 1999 19:33:18 -0600  
X-Sender: dlindell@netexpress.net  
Message-Id: <v03007800b2bb10773c09@[206.65.65.132]>  
In-Reply-To: <199901071538.IAA00437@salmon.esosoft.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Thu, 7 Jan 1999 19:35:53 -0600  
To: weavetech@List-Server.net  
From: Dick Lindell <hataori@writeme.com>  
Subject: doup ends

# WeaveTech Archive 9901

Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Allen Fannin <aafannin@mailbox.syr.edu> wrote:

> We generally wove from three to five scarf width  
>at a time on either our handlooms for samples or on power for production  
>using two sets of doup ends at the edge of each scarf width including the  
>two outside ones. Nearly all scarves on the market are made this way and the  
>doup edge we used has never been a durability problem.

Allen, for some of who are not so well informed, will you please give us more details on what you mean by "two sets of doup ends at the edge of each scarf width". It sounds like something I might like to try if I knew what iyou were talking about.

Dick Lindell, Weaver

Check out Dick's Die-Cut cards at<<http://www.angelfire.com/il/dickshome>>

-----

One who elevates their profession iz the best mechanic, whether preaching the gospel, peddling phisic, or skinning eels for a living.

- Josh Billings

To reply privately, send message to Dick Lindell <[hataori@writeme.com](mailto:hataori@writeme.com)>

>From owner-weavetech@List-Server.net Thu Jan 7 18:55:19 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA27695; Thu, 7 Jan 1999 18:55:19 -0700 (MST)  
Received: from imo14.mx.aol.com (imo14.mx.aol.com [198.81.17.4]) by salmon.esosoft.net (8.8.5) id SAA27690; Thu, 7 Jan 1999 18:55:18 -0700 (MST)  
From: AmyFibre@aol.com  
Received: from AmyFibre@aol.com  
by imo14.mx.aol.com (IMOV18.1) id EDQEa05501  
for <[weavetech@list-server.net](mailto:weavetech@list-server.net)>; Thu, 7 Jan 1999 20:54:42 +1900 (EST)  
Message-ID: <[8fd6b067.36956562@aol.com](mailto:8fd6b067.36956562@aol.com)>  
Date: Thu, 7 Jan 1999 20:54:42 EST  
To: weavetech@list-server.net  
Mime-Version: 1.0  
Subject: ADMIN reminders  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 226  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

A couple of reminders to keep the list running smoothly:

1 - if you must quote a prior message (and often it is not necessary at all), please keep it extremely brief (1-2 sentences maximum). Not only is this critical for those people who pay by the length of time their messages download, but it is simply good e-mail etiquette in general. It may be easier (depending on your program) to use cut and paste instead of the "Reply" function.

2 - if you are writing to me for help with a majordomo-related problem, it is easiest for me to diagnose the problem if you will try sending your message to majordomo one more time and this time, copy me in on the message you send to majordomo, and then forward majordomo's reply. By seeing exactly what you put in the original message, and the error message generated by majordomo, I can

# WeaveTech Archive 9901

often see the problem more quickly.

Thanks for your attention, and now, back to our good discussions.

Amy  
amyfibre@aol.com

To reply privately, send message to AmyFibre@aol.com

>From owner-weavetech@List-Server.net Thu Jan 7 19:42:24 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA10724; Thu, 7 Jan 1999 19:42:24 -0700 (MST)  
Received: from scaup.prod.itd.earthlink.net (scaup.prod.itd.earthlink.net [207.217.120.49]) by salmon.esosoft.net (8.8.5) id TAA10718; Thu, 7 Jan 1999 19:42:23 -0700 (MST)  
Received: from earthlink.net (1Cust164.tnt1.sfo1.da.uu.net [208.250.183.164]) by scaup.prod.itd.earthlink.net (8.8.7/8.8.5) with SMTP id SAA25397 for <weavetech@List-Server.net>; Thu, 7 Jan 1999 18:42:32 -0800 (PST)  
Message-ID: <36957170.87EE7329@earthlink.net>  
Date: Thu, 07 Jan 1999 18:46:08 -0800  
From: Catherine Markey <markeyali@earthlink.net>  
Organization: @Earthlink.net  
X-Mailer: Mozilla 4.05 [en]C-AtHome0404 (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: fly shuttle pulls  
References: Conversation <199901071538.IAA00437@salmon.esosoft.net> with last message <199901071538.IAA00437@salmon.esosoft.net>  
<MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Laura,

Wow. I am interested. The pull action is difficult and tiring. Thanks.

Catherine Markey  
2109 Gilrix St.  
Petaluma, CA 94954

To reply privately, send message to Catherine Markey <markeyali@earthlink.net>

>From owner-weavetech@List-Server.net Thu Jan 7 20:34:24 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id UAA26418; Thu, 7 Jan 1999 20:34:24 -0700 (MST)  
Received: from jubilee.ns.sympatico.ca (jubilee.ns.sympatico.ca [142.177.1.6]) by salmon.esosoft.net (8.8.5) id UAA26395; Thu, 7 Jan 1999 20:34:21 -0700 (MST)  
Received: from eayqwodo ([142.177.19.73]) by jubilee.ns.sympatico.ca (Post.Office MTA v3.1.2 release (P0203-101c) ID# 607-45892U60000L60000S0) with SMTP id AAA25873 for <weavetech@List-Server.net>; Thu, 7 Jan 1999 23:37:58 -0400  
Message-ID: <36957C2B.736F@ns.sympatico.ca>  
Date: Thu, 07 Jan 1999 23:31:55 -0400  
From: M&D <mdgoode@ns.sympatico.ca>  
X-Mailer: Mozilla 3.01C-SYMPA (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: more than one scarf width  
References: <199901072132.0AA29165@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii

# WeaveTech Archive 9901

Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi

I did some mug rugs 3 wide to finish up a warp and it was a bit of a pain - too many shuttles to juggle as I had more than one per "rug". I decided that it would be much easier to simply have a longer warp. I think that's what I would do with the scarves - a longer narrower warp would be less time consuming to put on than a short wide one for me.

> I've seen beautiful wool scarves from Scotland with no side selvedge, but  
> instead a thin fringe and machine stitching up each side to hold it, so I  
> thought that would be the way to go.

I wonder what was done about the outside edges - would there be scarves with a selvedge on one side and the fringe on the other? Or hemmed on one side? Or would you have just a small width of warp on the outsides to allow a fringe on all the scarves? Interesting!

Darby

> s there another method (I think you were  
> describing it in this post) that creates a "normal" selvedge and/or do you have  
> to use a separate shuttle for each width? This seems like it would take a great  
> deal of time in the weaving, even though the warping would only have to be done  
> once.

To reply privately, send message to M&D <mdgoode@ns.sympatico.ca>

>From owner-weavetech@List-Server.net Thu Jan 7 21:05:15 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id VAA03751; Thu, 7 Jan 1999 21:05:15 -0700 (MST)  
Received: from newmail.netbistro.com (secure.pgonline.com [204.239.167.4]) by salmon.esosoft.net (8.8.5) id VAA03746; Thu, 7 Jan 1999 21:05:13 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host secure.pgonline.com [204.239.167.4] claimed to be newmail.netbistro.com  
Received: (qmail 28438 invoked by alias); 8 Jan 1999 04:05:23 -0000  
Received: (qmail 28428 invoked from network); 8 Jan 1999 04:05:22 -0000  
Received: from ip145.dialup.pgonline.com (HELO setup) (204.239.167.145) by newmail.netbistro.com with SMTP; 8 Jan 1999 04:05:22 -0000  
Message-ID: <001101be3aba\$fe1268e0\$91a7efcc@setup>  
From: "Darlene Mulholland" <darmul@netbistro.com>  
To: "weavetech" <weavetech@list-server.net>  
Subject: fly shuttles  
Date: Thu, 7 Jan 1999 19:56:36 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2110.0  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I've had a problem [to me anyway] since I've gone from a two box to a four box fly shuttle on my AVL. It seems the four box needs WAY more energy to get the shuttle across. I've tried quite a few things but have never really

## WeaveTech Archive 9901

felt it the piece that travels along the metal robs moved easily enough.

I've been waxing the bottom of my shuttles and shuttle race with a snow-seal wax to waterproof boots - it contains silicones. This wax works well for this purpose and seems to last better than floor wax. Tonight I decided to use to on the metal bar as well thinking I can't make matters worse and it REALLY makes the shuttle fly! Way less effort than before. I rubbed it on then let it sit a few minutes and really polished it up to get any extra off.

Darlene Mulholland  
darmul@netbistro.com  
<http://www.pgmoneysaver.bc.ca/weaving/>

To reply privately, send message to "Darlene Mulholland" <darmul@netbistro.com>

>From owner-weavetech@List-Server.net Thu Jan 7 22:03:08 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id WAA14095; Thu, 7 Jan 1999 22:03:08 -0700 (MST)  
Received: from mtiwmhc01.worldnet.att.net (mtiwmhc01.worldnet.att.net [204.127.131.36]) by salmon.esosoft.net (8.8.5) id WAA14091; Thu, 7 Jan 1999 22:03:07 -0700 (MST)  
Received: from default ([12.69.0.233]) by mtiwmhc01.worldnet.att.net (InterMail v03.02.05 118 121 101) with ESMTP id <19990108050248.QAFG10240@default> for <weavetech@List-Server.net>; Fri, 8 Jan 1999 05:02:48 +0000  
From: "Martha H. & Jeffrey D. Hubbard" <hubbard182@worldnet.att.net>  
To: <weavetech@List-Server.net>  
Subject: Re: AVL Treadling  
Date: Thu, 7 Jan 1999 23:52:15 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-Id: <19990108050248.QAFG10240@default>  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

It is possible to disable the left treadle, using only the right one, which can then be used with either (or alternating) leg. Rabbit Goody made this conversion on Sandy Lommen's loom and she loves it. It involves attaching a spring to the right treadle that will apply enough force to reseal the doobby arm and cables at the end of each treadling. I tried it briefly and decided that I'd rather use two treadles than lift against the spring, even though it wasn't real strong. I can get more information from Sandy for anyone who is interested.  
Martha

To reply privately, send message to "Martha H. & Jeffrey D. Hubbard" <hubbard182@worldnet.att.net>

>From owner-weavetech@List-Server.net Thu Jan 7 23:52:59 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id XAA28485; Thu, 7 Jan 1999 23:52:59 -0700 (MST)  
Received: from newmail.netbistro.com (secure.pgonline.com [204.239.167.4]) by salmon.esosoft.net (8.8.5) id XAA28475; Thu, 7 Jan 1999 23:52:58 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host secure.pgonline.com [204.239.167.4] claimed to be newmail.netbistro.com  
Received: (qmail 11670 invoked by alias); 8 Jan 1999 06:53:11 -0000  
Received: (qmail 11659 invoked from network); 8 Jan 1999 06:53:09 -0000

## WeaveTech Archive 9901

Received: from ip155.dialup.pgonline.com (HELO unknown) (204.239.167.155)  
by newmail.netbistro.com with SMTP; 8 Jan 1999 06:53:09 -0000  
Message-ID: <MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>  
In-Reply-To: <199901080334.UAA26438@salmon.esosoft.net>  
References: Conversation <199901080334.UAA26438@salmon.esosoft.net> with last message  
<199901080334.UAA26438@salmon.esosoft.net>  
X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <laurafry@netbistro.com>  
Subject: Re: side fringes on scarves  
Date: Thu, 07 Jan 99 22:44:53 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

If you are weaving with a fine enough weight of cotton/silk etc., (which doesn't full and stabilize as much as wool or some other hair fibres) it is possible to hem along the length.

I would think that your fabric would have to be quite drapable so that the hem would not be stiff on the edge.

I have woven wide widths and cut on the bias, then top-stitched (two rows, one on each edge of the hem) and had no problems with this. Makes weaving wide and producing narrow a possibility.

-----  
/\_\_\_\_\_\_/ Very rough ASCII rendition - the angles are 45 degrees - if you catch my drift....

I still have a scarf woven by AAF's weavers - wool and cashmere - no problem with the "fringed" sides ravelling. I bought it in 1986 and have used it fairly regularly since.

Laura Fry

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Fri Jan 8 04:51:52 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id EAA17242; Fri, 8 Jan 1999 04:51:52 -0700 (MST)  
Received: from imo13.mx.aol.com (imo13.mx.aol.com [198.81.17.3]) by salmon.esosoft.net (8.8.5) id EAA17232; Fri, 8 Jan 1999 04:51:50 -0700 (MST)  
From: JNBJ@aol.com  
Received: from JNBJ@aol.com  
by imo13.mx.aol.com (IM0v18.1) id TZTNa05322  
for <weavetech@List-Server.net>; Fri, 8 Jan 1999 06:51:05 -0500 (EST)  
Message-ID: <394caa85.3695f129@aol.com>  
Date: Fri, 8 Jan 1999 06:51:05 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: ski wax  
Content-type: text/plain; charset=US-ASCII

# WeaveTech Archive 9901

Content-transfer-encoding: 7bit  
X-Mailer: AOL for Macintosh sub 50  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Darlene,

<< Tonight I decided to use to on the metal bar as well thinking I can't make matters worse and it REALLY makes the shuttle fly! >>

This sounds great!!! I constantly clean off the rods with alcohol and it's a pain, but it's worked. Just to make sure- you put the wax on the rod that the picker (I think it's called) slides on as it hits the shuttle? Now, since I'm not a skier, tell me what kind to get.

Thanks for taking the chance.

Janice

To reply privately, send message to JNBJ@aol.com

>From owner-weavetech@List-Server.net Fri Jan 8 06:03:02 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA26560; Fri, 8 Jan 1999 06:03:02 -0700 (MST)  
Received: from mtiwmhc02.worldnet.att.net (mtiwmhc02.worldnet.att.net [204.127.131.37]) by salmon.esosoft.net (8.8.5) id GAA26556; Fri, 8 Jan 1999 06:03:01 -0700 (MST)  
Received: from default ([12.69.1.250]) by mtiwmhc02.worldnet.att.net (InterMail v03.02.05 118 121 101) with ESMTP id <19990108130233.LLLE22626@default> for <weavetech@List-Server.net>; Fri, 8 Jan 1999 13:02:33 +0000  
From: "Martha H. & Jeffrey D. Hubbard" <hubbard182@worldnet.att.net>  
To: <weavetech@List-Server.net>  
Subject: Re: weavetech-digest V1 #152  
Date: Fri, 8 Jan 1999 07:44:21 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-Id: <19990108130233.LLLE22626@default>  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> I've had a problem [to me anyway] since I've gone from a two box to a four  
> box fly shuttle on my AVL. It seems the four box needs WAY more energy to  
> get the shuttle across. I've tried quite a few things but have never really  
> felt it the piece that travels along the metal rods moved easily enough.  
>

I've experienced this problem as well and, until recently, thought I was the only one. My friend Sandy, tells me that she's a great deal stronger now that she uses a 4-box rather than her old 2-box fly shuttle.

I've used Slick 50 and recently silicone spray on the metal bars with varying success. After a while the Slick 50 builds up and creates even more friction. So I cleaned that off very carefully with mineral spirits and started using silicone. It works very well for the first half hour,

## WeaveTech Archive 9901

but must then be reapplied.

Thanks for the tip on the wax. It sounds like the best solution. I'll try it. Did you use furniture or floor wax or plain old paraffin?

The other thing that I think contributes to this is the pulley action. Some of mine seem quite lethargic while others spin freely. I wonder if their ball bearings get gunked up with lint and dirt after a time and if there's a reasonable solution?

Martha

To reply privately, send message to "Martha H. & Jeffrey D. Hubbard"  
<hubbard182@worldnet.att.net>

>From owner-weavetech@List-Server.net Fri Jan 8 07:25:09 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA10409; Fri, 8 Jan 1999 07:25:09 -0700 (MST)  
Received: from mail-01.cdsnet.net (mail-01.cdsnet.net [206.107.16.35]) by salmon.esosoft.net (8.8.5) id HAA10401; Fri, 8 Jan 1999 07:25:08 -0700 (MST)  
Received: (qmail 8155 invoked from network); 8 Jan 1999 14:25:10 -0000  
Received: from d01a8b37.dip.cdsnet.net (HELO cdsnet.net) (208.26.139.55) by mail.cdsnet.net with SMTP; 8 Jan 1999 14:25:10 -0000  
Message-ID: <36961615.37F58E56@cdsnet.net>  
Date: Fri, 08 Jan 1999 06:28:37 -0800  
From: Margaret Copeland <busys@cdsnet.net>  
X-Mailer: Mozilla 4.03 [en] (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: AVL treadling  
References: <199901080334.UAA26438@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> I agree with you entirely and for some of the same reasons. I have some  
> nerve damage in my right leg and find lifting all the shafts with this leg  
> soon causes me problems. One motion be shed would be ideal, sharing the  
> weight on each leg. I'd even be happy if there were a way to switch the  
> right and left pedals as my left leg as no problems and is stronger. (This  
> is not something I noticed on test-driving an AVL as I did not weave on it  
> for the length of time I required to cause me problems). I too still love  
> my AVL, it is the best loom for me that I have found so far.  
>  
> Sara

Maybe Laura Fry will jump in here. Laura, do you remember the jack plan that Doug drew up for me so one could get the double peddle action? For other AVL owners, I have no idea where one would mount this modification. Anyway ... I believe it would be possible to get a shed and advance the chain on the mechanical dobbie with one peddle. Switching peddles but keeping the same design only makes one leg do all of the major work - now it would be the other leg. Any one-sided action - leg, arm etc. for the body isn't a great idea. Using the AVL as it is now is like peddling a bike with one leg - you can do it - but why?

- Margaret Copeland  
<http://home.cdsnet.net/~busys>

To reply privately, send message to Margaret Copeland <busys@cdsnet.net>

>From owner-weavetech@List-Server.net Fri Jan 8 08:33:16 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA25388; Fri, 8 Jan 1999 08:33:16 -0700 (MST)

## WeaveTech Archive 9901

Received: from wyellowstone.com (www.wyellowstone.com [206.26.87.34]) by salmon.esosoft.net (8.8.5) id IAA25375; Fri, 8 Jan 1999 08:33:13 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host www.wyellowstone.com [206.26.87.34] claimed to be wyellowstone.com  
Received: by wyellowstone.com from localhost (router,SLMail V2.6); Fri, 08 Jan 1999 08:37:28 -0700  
Received: by wyellowstone.com from wyellowstone.com (206.26.87.195::mail daemon; unverified,SLMail V2.6); Fri, 08 Jan 1999 08:37:28 -0700  
Message-ID: <36962568.C46A8EE6@wyellowstone.com>  
Date: Fri, 08 Jan 1999 08:34:00 -0700  
From: "Elizabeth tritthart" <Etritthart@wyellowstone.com>  
X-Mailer: Mozilla 4.5 [en] (Win95; I)  
X-Accept-Language: en  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re:when are VAV days in 1999?  
References: <199812071104.EAA18044@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Sorry for being so quiet in the corner...  
But can any one tell me when the VAV days will be held in 1999, and their location?

Eliz Tritthart

To reply privately, send message to "Elizabeth tritthart" <Etritthart@wyellowstone.com>

>From owner-weavetech@List-Server.net Fri Jan 8 09:08:57 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA02790; Fri, 8 Jan 1999 09:08:57 -0700 (MST)  
Received: from newmail.netbistro.com (secure.pgonline.com [204.239.167.4]) by salmon.esosoft.net (8.8.5) id JAA02783; Fri, 8 Jan 1999 09:08:56 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host secure.pgonline.com [204.239.167.4] claimed to be newmail.netbistro.com  
Received: (qmail 22392 invoked by alias); 8 Jan 1999 16:09:00 -0000  
Received: (qmail 22382 invoked from network); 8 Jan 1999 16:08:59 -0000  
Received: from ip112.dialup.pgonline.com (HELO setup) (204.239.167.112) by newmail.netbistro.com with SMTP; 8 Jan 1999 16:08:59 -0000  
Message-ID: <000201be3b20\$17c48560\$70a7efcc@setup>  
From: "Darlene Mulholland" <darmul@netbistro.com>  
To: "weavetech" <weavetech@list-server.net>  
Subject: ski wax  
Date: Fri, 8 Jan 1999 07:59:55 -0800  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2110.0  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

The wax I used isn't ski wax but a waterproof wax for shoes and boots. The brand name is 'Sno-Seal' and it contains silicones. I did apply it to the rod the picker slides on. I've tried waxing the slot the picker runs in - after sanding the slot to make sure it was completely smooth and that didn't

# WeaveTech Archive 9901

make much difference.

Let's hope this continues to work. I don't mind if I have to reapply it fairly often so long as it does the job.

Darlene Mulholland  
darmul@netbistro.com  
<http://www.pgmoneysaver.bc.ca/weaving/>

To reply privately, send message to "Darlene Mulholland" <darmul@netbistro.com>

>From owner-weavetech@List-Server.net Fri Jan 8 09:23:32 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA06860; Fri, 8 Jan 1999 09:23:32 -0700 (MST)  
Received: from maild.telia.com (root@maild.telia.com [194.22.190.3]) by salmon.esosoft.net (8.8.5) id JAA06852; Fri, 8 Jan 1999 09:23:28 -0700 (MST)  
Received: from d1o63.telia.com (root@d1o63.telia.com [195.198.44.241])  
by maild.telia.com (8.8.8/8.8.8) with ESMTP id RAA19130  
for <weavetech@List-Server.net>; Fri, 8 Jan 1999 17:23:28 +0100 (CET)  
Received: from ixsvzykp (t1o63p9.telia.com [195.198.44.9])  
by d1o63.telia.com (8.8.8/8.8.5) with ESMTP id RAA19815  
for <weavetech@List-Server.net>; Fri, 8 Jan 1999 17:23:27 +0100 (MET)  
Message-Id: <199901081623.RAA19815@d1o63.telia.com>  
From: "Nilsson, Lovisa" <lovisa@tanum.mail.telia.com>  
To: <weavetech@List-Server.net>  
Subject: SV: Re:when are VAV days in 1999?  
Date: Fri, 8 Jan 1999 17:24:47 +0100  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1161  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> But can any one tell me when the VAV days will be held in 1999, and their location?

Are you talking about the VAV 99 in Sweden?  
It will be held in Malmo in the south of Sweden 24-26 September 1999. The programme will be out in mid February.

Lovisa in Sweden

To reply privately, send message to "Nilsson, Lovisa" <lovisa@tanum.mail.telia.com>

>From owner-weavetech@List-Server.net Fri Jan 8 09:37:37 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA09472; Fri, 8 Jan 1999 09:37:37 -0700 (MST)  
Received: from smtp11.bellglobal.com (smtp11.bellglobal.com [204.101.251.53]) by salmon.esosoft.net (8.8.5) id JAA09461; Fri, 8 Jan 1999 09:37:33 -0700 (MST)  
Received: from default (ppp948.on.bellglobal.com [206.172.239.180])  
by smtp11.bellglobal.com (8.8.5/8.8.5) with SMTP id LAA02506  
for <weavetech@List-Server.net>; Fri, 8 Jan 1999 11:37:56 -0500 (EST)  
Message-Id: <3.0.32.19990108112236.006bd0f0@pop1.sympatico.ca>  
X-Sender: blzzom44@pop1.sympatico.ca  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Fri, 08 Jan 1999 11:39:15 -0500

# WeaveTech Archive 9901

To: weavetech@List-Server.net  
From: Ingrid Boesel <fiberworks.pcw@sympatico.ca>  
Subject: AVL treadle  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Margaret and Sarah:

Why not speak to AVL and get them to send the cables to switch the function of the two treadles. That way you would be able to use the other leg for the heavy lift.

I was contemplating that until I realized that it was my back that was acting up and I ordered the Air Assist. Esp useful now that I have 24 shafts. As soon as I get over this bout of back surgery, the air assist is being installed. Oh yeah, need to have enough money to buy the compressor too. Will let you know when that is done and how I far.

Ingrid Boesel  
the weaving half of Fiberworks PCW

To reply privately, send message to Ingrid Boesel <fiberworks.pcw@sympatico.ca>

>From owner-weavetech@List-Server.net Fri Jan 8 10:56:41 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA28388; Fri, 8 Jan 1999 10:56:41 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id KAA28372; Fri, 8 Jan 1999 10:56:36 -0700 (MST)  
Received: from authoriu ([209.150.113.14])  
by cpcug.org (8.9.1a/8.9.1) with SMTP id MAA27850  
for <weavetech@List-Server.net>; Fri, 8 Jan 1999 12:56:36 -0500 (EST)  
Message-Id: <3.0.3.32.19990108125514.006c47b0@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Fri, 08 Jan 1999 12:55:14 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Re: AVL treadling  
In-Reply-To: <36961615.37F58E56@cdsnet.net>  
References: <199901080334.UAA26438@salmon.esosoft.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

\*If\* (a very big "if"--and I don't [yet?] own an AVL) an AVL compudobby could be controlled by just one treadle, perhaps the design should look like the Schacht single-treadle spinning wheel--one wide treadle on which both feet can rest. Tom? Are you listening in on this discussion? These are your customers (and potential customers) speaking.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Fri Jan 8 16:36:39 1999

## WeaveTech Archive 9901

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA23931; Fri, 8 Jan 1999 16:36:39 -0700 (MST)

Received: from chief.trailnet.com (chief.trailnet.com [209.155.38.4]) by salmon.esosoft.net (8.8.5) id QAA23889; Fri, 8 Jan 1999 16:36:32 -0700 (MST)

Received: from lookingglass.net (rupm0-134.trailnet.com [209.155.38.134]) by chief.trailnet.com (8.9.2/8.9.1) with ESMTMP id QAA06043

for <weavetech@List-Server.net>; Fri, 8 Jan 1999 16:27:14 -0700 (MST)

Message-ID: <369685F7.EF9DE798@lookingglass.net>

Date: Fri, 08 Jan 1999 16:25:59 -0600

From: Georgia Van Pelt <gvanpelt@lookingglass.net>

Organization: Warped and Twisted

X-Mailer: Mozilla 4.04 [en] (Win95; U)

MIME-Version: 1.0

To: weavetech@List-Server.net

Subject: Re: double-box flyshuttle

References: <199901071538.IAA00437@salmon.esosoft.net> <369528BE.4C552759@cdsnet.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

Just a couple of thoughts on my experience with the "flying" shuttle on the AVL. ...that is flying out of the warp! I've gone through a window with chenille stinging out two stories down the side of our house. It can certainly wake you up!!!

#1..Make sure that the floor of the shuttle box and the shuttle race are level....

#2. I have used my AVL so much that that backstop had worn a significant hole in it from the metal on the front of the shuttle as it flew back and forth. I had my DH take the backstop off and cut it down level with some sort of saw in his shop...no hole! I think that when I sent the shuttle across, it was hitting the hole at an angle and launching it out into the stratosphere...

Anyway it helped. I have done lots of two shuttle work, and I am going to try and see if I can work out the learning curve on three shuttles. Love how this group keeps stretching my mind.

Georgia of New Mexico

To reply privately, send message to Georgia Van Pelt <gvanpelt@lookingglass.net>

>From owner-weavetech@List-Server.net Fri Jan 8 22:17:25 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id WAA07695; Fri, 8 Jan 1999 22:17:25 -0700 (MST)

Received: from dub-img-10.compuserve.com (dub-img-10.compuserve.com [149.174.206.140]) by salmon.esosoft.net (8.8.5) id WAA07691; Fri, 8 Jan 1999 22:17:24 -0700 (MST)

Received: (from root@localhost)

by dub-img-10.compuserve.com (8.8.6/8.8.6/2.17) id AAA12142

for weavetech@List-Server.net; Sat, 9 Jan 1999 00:17:05 -0500 (EST)

Date: Sat, 9 Jan 1999 00:16:49 -0500

From: Georgean Curran <Georgean@compuserve.com>

Subject: AVL fly shuttle pull

To: weavetech <weavetech@List-Server.net>

Message-ID: <199901090016\_MC2-6604-B3A0@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain; charset=ISO-8859-1

## WeaveTech Archive 9901

Content-Disposition: inline  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

The fly shuttle pull on the AVL can be changed from center pull to throw = by contacting AVL and they have the parts and instructions to change it. I have them, just haven't sat down and done it yet. The last few projects were too narrow to bother with the fly shuttle, but I have a bigger one coming up so maybe it will be inspiration to get at it.  
Georgean Curran

To reply privately, send message to Georgean Curran <Georgean@compuserve.com>

>From owner-weavetech@List-Server.net Sat Jan 9 07:20:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA11216; Sat, 9 Jan 1999 07:20:49 -0700 (MST)  
Received: from dodo.prod.itd.earthlink.net (dodo.prod.itd.earthlink.net [207.217.120.99]) by salmon.esosoft.net (8.8.5) id HAA11203; Sat, 9 Jan 1999 07:20:45 -0700 (MST)  
Received: from [208.255.20.169] (1Cust169.tnt18.nyc3.da.uu.net [208.255.20.169]) by dodo.prod.itd.earthlink.net (8.8.7/8.8.5) with ESMTP id GAA25465 for <WeaveTech@List-Server.net>; Sat, 9 Jan 1999 06:20:47 -0800 (PST)  
X-Sender: medwin@vipmail.earthlink.net  
Message-Id: <v04003a00b2bd12f6b10b@[208.255.31.106]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sat, 9 Jan 1999 09:11:53 -0500  
To: WeaveTech@List-Server.net  
From: Steven Medwin <medwin@theweaver.com>  
Subject: Switching Pedals on AVLS  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have a 16h, 40" wide AVL and I switched the pedals without any problem. Just leave the cables attached and swap the peddles at the pivot point. I recently got the new 24h Studio Dobby and ordered it with switched pedals. They had never heard of anyone wanting this, but they figured it out and shipped the loom with the pedals switched. I made sure they also sent the original cables so if I ever sell the loom, I can reconfigure it. True, it still only exercises one leg, but since my left is stronger than my right, this arrangement is fine for me.

Steve

-----  
Steven Medwin  
Original Handwoven Judaica  
www.theweaver.com  
medwin@theweaver.com  
1-888-WEAVE-99 (932-8399)  
-----

To reply privately, send message to Steven Medwin <medwin@theweaver.com>

>From owner-weavetech@List-Server.net Sat Jan 9 09:28:46 1999

## WeaveTech Archive 9901

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA02012; Sat, 9 Jan 1999 09:28:46 -0700 (MST)  
Received: from burgoyne.com (burgoyne.com [209.197.0.8]) by salmon.esosoft.net (8.8.5) id JAA02004; Sat, 9 Jan 1999 09:28:45 -0700 (MST)  
Received: from moms233 (pmey5.burgoyne.com [209.197.5.58])  
by burgoyne.com (8.8.7/8.8.6) with SMTP id JAA31544  
for <weavetech@List-Server.net>; Sat, 9 Jan 1999 09:28:50 -0700  
Message-ID: <000c01be3bec\$43e8bf40\$053f3fc8@moms233>  
From: "Judie Eatough" <jeatough@cougar.netutah.net>  
To: <weavetech@List-Server.net>  
Subject: AVLs  
Date: Sat, 9 Jan 1999 09:22:06 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>They had never heard of anyone wanting this, but they figured it out and  
>shipped the loom with the pedals switched.

While this is their standard answer, it is my only complaint when dealing with AVL. Small, I know, but I would prefer a different response. It is just like those companies that call me with a 'courtesy call.' Not believable. <gg>

Jim Ahrens has done a prototype doobby head with two arms and each treadle lifts a new shed. He did it a few years ago. Looks nice, works great. He only uses a mechanical doobby loom, he has never used a computer. He is always fun to visit and still tinkering. And his favorite fly shuttles are very light weight, he does not like the heavy ones at all and never uses them.

Production always lags research and development. And lots of great ideas never make it into production. But I do love my loom, and having Jim nearby has helped me to understand how it works and how to tinker with it. It is made of wood and the weather is not constant inside my home and sometimes a paper shim or a little bolt adjustment is needed.

Judie

To reply privately, send message to "Judie Eatough" <jeatough@cougar.netutah.net>

>From owner-weavetech@List-Server.net Sat Jan 9 10:08:48 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA09584; Sat, 9 Jan 1999 10:08:48 -0700 (MST)  
Received: from smtp.jjj.net (postmaster@smtp.jjj.net [209.235.31.137]) by salmon.esosoft.net (8.8.5) id KAA09568; Sat, 9 Jan 1999 10:08:47 -0700 (MST)  
Received: from cc429928-a.hwr1.md.home.com (cc429928-a.hwr1.md.home.com [24.3.63.99])  
by smtp.jjj.net (8.9.1/8.9.0) with SMTP id MAA10796  
for <weavetech@List-Server.net>; Sat, 9 Jan 1999 12:07:40 -0500 (EST)  
Message-Id: <3.0.3.16.19990109120756.2147afec@smtp.jjj.com>  
X-Sender: wheat@smtp.jjj.com  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (16)  
Date: Sat, 09 Jan 1999 12:07:56 -0500  
To: weavetech@List-Server.net

# WeaveTech Archive 9901

From: Wheat Carr <wheat@craftwolf.com>  
Subject: Fascinating Web Site  
In-Reply-To: <000c01be3bec\$43e8bf40\$053f3fc8@moms233>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Although many of you may already know about this, while searching for something else today, stumbled on

<http://www.itt.edu/>

This is the domain/site for the Institute of Textile Technology in Charlottesville Virginia USA.

It includes the ENTIRE Card Catalog for their Roger Milliken Textile Library and apparently pretty nearly the entire catalog is available thru inter-library loan for a small fee.

They also seem to offer a host of research assistance.

Hope this is helpful to someone

-

Wheat Carr <mailto:wheat@craftwolf.com>  
<http://www.craftwolf.com/>

To reply privately, send message to Wheat Carr <wheat@craftwolf.com>

>From owner-weavetech@List-Server.net Sat Jan 9 10:53:16 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA18946; Sat, 9 Jan 1999 10:53:16 -0700 (MST)  
Received: from lance.netxn.com (root@netxn.com [209.135.12.8]) by salmon.esosoft.net (8.8.5) id KAA18939; Sat, 9 Jan 1999 10:53:14 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host root@netxn.com [209.135.12.8] claimed to be lance.netxn.com  
Received: from [209.135.13.139] (bak-ppp-9a.netxn.com [209.135.13.139])  
by lance.netxn.com (8.8.5/8.8.5) with ESMTP id KAA25651  
for <WeaveTech@list-server.net>; Sat, 9 Jan 1999 10:05:10 -0800 (PST)  
Message-Id: <199901091805.KAA25651@lance.netxn.com>  
X-Mailer: Microsoft Outlook Express for Macintosh - 4.01 (295)  
Date: Sat, 09 Jan 1999 09:53:31 +0000  
Subject: Flying shuttles  
From: "Bill Koepp" <bgkoe@netxn.com>  
To: Weave Tech <WeaveTech@list-server.net>  
Mime-version: 1.0  
X-Priority: 3  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have really learned a lot with the flying shuttle discussions; For lubrication one might try " White Graphite ",( really ) it's not common, but can be found probably at locksmiths or some hardware stores. I would clean the rods or tracks with a coarse cloth, then put the white graphite onto the bearings or holes and let them carry it to the areas that are rubbing too

## WeaveTech Archive 9901

much. I use only Johnson's paste wax, in the flat, round, yellow can. Wonderful stuff ! Steel rods or tracks will oxidize , sometimes a lot, depending on the climate, etc. I have this problem in CA, and often clean up with fine steel wool ( last resort, leaves tiny steel bits around ) or coarse cloth and elbow grease. - Bill Koepp in CA

To reply privately, send message to "Bill Koepp" <bgkoe@netxn.com>

>From owner-weavetech@List-Server.net Sat Jan 9 10:53:55 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA19135; Sat, 9 Jan 1999 10:53:55 -0700 (MST)  
Received: from newmail.netbistro.com (secure.pgonline.com [204.239.167.4]) by salmon.esosoft.net (8.8.5) id KAA19129; Sat, 9 Jan 1999 10:53:54 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host secure.pgonline.com [204.239.167.4] claimed to be newmail.netbistro.com  
Received: (qmail 3761 invoked by alias); 9 Jan 1999 17:53:59 -0000  
Received: (qmail 3749 invoked from network); 9 Jan 1999 17:53:58 -0000  
Received: from ip138.dialup.pgonline.com (HELO unknown) (204.239.167.138) by newmail.netbistro.com with SMTP; 9 Jan 1999 17:53:57 -0000  
Message-ID: <MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>  
In-Reply-To: <199901091100.EAA16055@salmon.esosoft.net>  
References: Conversation <199901091100.EAA16055@salmon.esosoft.net> with last message <199901091100.EAA16055@salmon.esosoft.net>  
X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <laurafry@netbistro.com>  
Subject: Re: more AVL  
Date: Sat, 09 Jan 99 09:53:24 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Ingrid, I hope the air assist works as well for you as it has for me. My neck is much better.  
: )

I'd forgotten about Doug playing around with the treadle action - I'll ask him if he still has the paperwork.

One of the big drawbacks to dobbies (to me) seems to be that when you get all this mechanical assistance attached to your loom the work becomes very unbalanced. One leg lifting all that weight, one arm beating, the other throwing the shuttle. If you are only doing this for short periods of time, it doesn't make too much difference, but when you are weaving for 5+ hours a day, 60 picks per minutes, the repetition of motion becomes injurious.

Nell Znamerowski stayed with me for a week while teaching here, and when I mentioned that I had 8 am appointments at physio, she said, Oh, your back!? All weavers have bad backs.....

Our equipment should be as efficient as possible - which is why I made so many little

## WeaveTech Archive 9901

adjustments to my loom. But if I am to continue weaving and earning an income, the air assist became mandatory.

Laura Fry  
whose neck hates her this morning :(

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Sun Jan 10 06:20:31 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA23730; Sun, 10 Jan 1999 06:20:31 -0700 (MST)  
Received: from europe.std.com (europe.std.com [199.172.62.20]) by salmon.esosoft.net (8.8.5) id GAA23725; Sun, 10 Jan 1999 06:20:30 -0700 (MST)  
Received: from world.std.com by europe.std.com (8.7.6/BZS-8-1.0) id IAA26132; Sun, 10 Jan 1999 08:20:32 -0500 (EST)  
Received: from world.std.com by world.std.com (TheWorld/Spike-2.0) id AA04857; Sun, 10 Jan 1999 08:20:30 -0500  
Message-Id: <3698A925.8CFBDE77@world.std.com>  
Date: Sun, 10 Jan 1999 08:20:37 -0500  
From: Tom Vogl <tpv@world.std.com>  
X-Mailer: Mozilla 4.5 [en] (Win98; I)  
X-Accept-Language: en  
Mime-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Flying shuttles  
References: <199901101100.EAA08460@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

"Bill Koepf" <bgkoe@netxn.com> wrote:

" ... Steel rods or tracks will oxidize , sometimes a lot, depending on the climate, etc. I have this problem in CA, and often clean up with fine steel wool (last resort, leaves tiny steel bits around) or coarse cloth and elbow grease."

Instead of steel wool (which does as Bill says) or coarse cloth, let me recommend the green nylon pot scrubbing pads that are formally known as "medium duty scouring pads". They work beautifully for me, do not scratch steel, but do remove all gunk and oxidation (even rust), and rinse clean. They are available in most hardware and kitchen supply stores and many supermarkets.

I do wish heddle support rods and other loom ironmongery came in stainless steel for those of us who live in humid climates.

Cheers,

Tom.

--

Tom Vogl  
29 Scotchman's Lane  
West Tisbury, MA 02575

Voice: 508-693.6065  
Fax: 508-696.0625  
tpv@world.std.com

To reply privately, send message to Tom Vogl <tpv@world.std.com>

>From owner-weavetech@List-Server.net Sun Jan 10 11:49:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA16609; Sun, 10 Jan 1999

## WeaveTech Archive 9901

11:49:49 -0700 (MST)  
Received: from imo25.mx.aol.com (imo25.mx.aol.com [198.81.17.69]) by salmon.esosoft.net (8.8.5) id LAA16602; Sun, 10 Jan 1999 11:49:47 -0700 (MST)  
From: JNBJ@aol.com  
Received: from JNBJ@aol.com  
by imo25.mx.aol.com (IM0v18.1) id 1WOLa15297  
for <weavetech@List-Server.net>; Sun, 10 Jan 1999 13:48:58 -0500 (EST)  
Message-ID: <ac7c090b.3698f61a@aol.com>  
Date: Sun, 10 Jan 1999 13:48:58 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: chenille not advancing  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL for Macintosh sub 50  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Has anyone had the problem of weaving chenille (warp and weft) and it doesn't advance properly on the AVL? I assume it's the grit that isn't deep enough (to catch the yarn and not just its pile) to carry it around the beam. I heard that AVL has a sleeve that goes over the beam for chenille. Does anyone have one or have any solutions to the problem? The beam is quite new so it's not worn.

Thanks for any suggestions.

Janice Jones

To reply privately, send message to JNBJ@aol.com

>From owner-weavetech@List-Server.net Sun Jan 10 12:27:20 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA23484; Sun, 10 Jan 1999 12:27:20 -0700 (MST)  
Received: from wyellowstone.com (www.wyellowstone.com [206.26.87.34]) by salmon.esosoft.net (8.8.5) id MAA23456; Sun, 10 Jan 1999 12:27:06 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host www.wyellowstone.com [206.26.87.34] claimed to be wyellowstone.com  
Received: by wyellowstone.com from localhost  
(router,SLMail V2.6); Sun, 10 Jan 1999 12:30:46 -0700  
Received: by wyellowstone.com from wyellowstone.com  
(206.26.87.195::mail daemon; unverified,SLMail V2.6); Sun, 10 Jan 1999 12:30:46 -0700  
Message-ID: <3698FF28.28F9A1AF@wyellowstone.com>  
Date: Sun, 10 Jan 1999 12:27:36 -0700  
From: "Elizabeth tritthart" <Etritthart@wyellowstone.com>  
X-Mailer: Mozilla 4.5 [en] (Win95; I)  
X-Accept-Language: en  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Diversified Structures  
References: <199901101100.EAA08460@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

What types of structures have people placed with as a base for diversified weaves?

I know of blocks, and point twill, and plain weave... are there other types?  
Where should I go for documentation on this type of weaving?

# WeaveTech Archive 9901

(yes! I am still alive... yes I am still weaving.)

Current project has been to try to assemble the 100 shaft drawloom of my dreams. Boy will I have some stories to share. (You'll be giggling over the coffee on this one.)

I am starting to use the Schact 8 shaft as a sample loom to try new techniques, and the AVL as production loom (I have completed two new 24 shaft baby blanket designs this fall - without the use of the flyshuttle) And the drawloom is to see if I can really weave without the use of a computer. It is a very interesting experience, let me tell you. I have great respect for all who learned to weave and draft without the computer.

Best of Weaving to all.  
Eliz

To reply privately, send message to "Elizabeth tritthart" <Etritthart@wyellowstone.com>

>From owner-weavetech@List-Server.net Sun Jan 10 16:51:22 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA11457; Sun, 10 Jan 1999 16:51:22 -0700 (MST)  
Received: from newmail.netbistro.com (secure.pgonline.com [204.239.167.4]) by salmon.esosoft.net (8.8.5) id QAA11451; Sun, 10 Jan 1999 16:51:21 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host secure.pgonline.com [204.239.167.4] claimed to be newmail.netbistro.com  
Received: (qmail 7479 invoked by alias); 10 Jan 1999 23:51:29 -0000  
Received: (qmail 7469 invoked from network); 10 Jan 1999 23:51:28 -0000  
Received: from ip180.dialup.pgonline.com (HELO setup) (204.239.167.180) by newmail.netbistro.com with SMTP; 10 Jan 1999 23:51:28 -0000  
Message-ID: <002f01be3cf2\$ffa7ece0\$b7a7efcc@setup>  
From: "Darlene Mulholland" <darmul@netbistro.com>  
To: "weavetech" <weavetech@list-server.net>  
Subject: chenille not advancing  
Date: Sun, 10 Jan 1999 15:42:33 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2110.0  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Chenille does want more than your sandpaper beam to grab onto but since you don't have the metal beam cover you could improvise. I'd think you could cover the beam with that rubbery stuff to keep things from shifting in motor homes. If you wound it really, really, tight on the beam then woven with as little tension as possible I think it might work. I used a mixed warp and chenille weft without the beam cover and by loosening the tension got the warp to advance.

If that didn't work how about the burr side of Velcro? I haven't tried either idea - just threw them out for what they are worth. Whatever you put on the beam it will have to be very tight or it will just spin and nothing will advance.

Good luck!

Darlene Mulholland

# WeaveTech Archive 9901

darmul@netbistro.com  
http://www.pgmoneysaver.bc.ca/weaving/

To reply privately, send message to "Darlene Mulholland" <darmul@netbistro.com>

>From owner-weavetech@List-Server.net Sun Jan 10 18:26:29 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA01773; Sun, 10 Jan 1999 18:26:29 -0700 (MST)  
Received: from smtp1.jps.net (smtp1.jps.net [209.63.224.236]) by salmon.esosoft.net (8.8.5) id SAA01767; Sun, 10 Jan 1999 18:26:28 -0700 (MST)  
Received: from fvjn5 (209-239-202-232.oak.jps.net [209.239.202.232])  
by smtp1.jps.net (8.8.5/8.8.5) with SMTP id RAA08778  
for <weavetech@list-server.net>; Sun, 10 Jan 1999 17:26:36 -0800 (PST)  
Message-ID: <000501be3d00\$78322880\$e8caefd1@fvjn5>  
From: "Betty Lou Whaley" <enbwhaley@jps.net>  
To: <weavetech@list-server.net>  
Subject: re: Diversified Structures  
Date: Sun, 10 Jan 1999 17:19:05 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

By diversified weaves does E. Tritthart mean damask-like patterning using a variety of structures?

Perhaps the following publications will yield inspiration - most available through CW library:

Becker, John. Pattern and Loom. Copenhagen:Rhodos, 1987.  
Goerner, Doris. Woven Structure and Design Part I Single Structures, Part II Compound Structures. (1989?)  
Hindson, Alice. Designer's Drawloom. Boston:Charles T. Brandord Co. 1958.  
Johansson, Lillemor. Damask and Opphamta. Stockholm:LTs forlag, 1982.  
Murphy, John. A Treatise on the Art of Weaving. Glasgow: Blackie & Son, 1836.  
Strong, John H. Foundations of Fabric Structure. London:National Trade Press, 1946.  
Watson, W. Textile Design and Colour.

Perhaps others can add to this list.

Betty Lou Whaley

To reply privately, send message to "Betty Lou Whaley" <enbwhaley@jps.net>

>From owner-weavetech@List-Server.net Sun Jan 10 18:32:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA03025; Sun, 10 Jan 1999 18:32:49 -0700 (MST)  
Received: from smtp1.jps.net (smtp1.jps.net [209.63.224.236]) by salmon.esosoft.net (8.8.5) id SAA03018; Sun, 10 Jan 1999 18:32:48 -0700 (MST)  
Received: from fvjn5 (209-239-202-232.oak.jps.net [209.239.202.232])  
by smtp1.jps.net (8.8.5/8.8.5) with SMTP id RAA10479

## WeaveTech Archive 9901

for <weavetech@list-server.net>; Sun, 10 Jan 1999 17:32:56 -0800 (PST)  
Message-ID: <000b01be3d01\$5abdc380\$e8caefd1@fvjn5>  
From: "Betty Lou Whaley" <enbwhaley@jps.net>  
To: <weavetech@list-server.net>  
Subject: velvet  
Date: Sun, 10 Jan 1999 17:26:02 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Does anyone know of a reference that would help me design a small, table-top loom for weaving a velvet band with patterning in two colors, each cut at a different height?

Even a good reference on weaving velvet would help.

Betty Lou Whaley

To reply privately, send message to "Betty Lou Whaley" <enbwhaley@jps.net>

>From owner-weavetech@List-Server.net Mon Jan 11 05:31:58 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA16312; Mon, 11 Jan 1999 05:31:58 -0700 (MST)  
Received: from mtiwmhc02.worldnet.att.net (mtiwmhc02.worldnet.att.net [204.127.131.37]) by salmon.esosoft.net (8.8.5) id FAA16307; Mon, 11 Jan 1999 05:31:57 -0700 (MST)  
Received: from default ([12.69.0.209]) by mtiwmhc02.worldnet.att.net (InterMail v03.02.05 118 121 101) with ESMTP id <19990111123129.BFGC29197@default> for <weavetech@List-Server.net>; Mon, 11 Jan 1999 12:31:29 +0000  
From: "Martha H. & Jeffrey D. Hubbard" <hubbard182@worldnet.att.net>  
To: <weavetech@List-Server.net>  
Subject: Re: chenille not advancing  
Date: Mon, 11 Jan 1999 07:21:11 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-Id: <19990111123129.BFGC29197@default>  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> Has anyone had the problem of weaving chenille (warp and weft) and it doesn't  
> advance properly on the AVL? I assume it's the grit that isn't deep enough (to  
> catch the yarn and not just its pile) to carry it around the beam. I heard  
> that AVL has a sleeve that goes over the beam for chenille. Does anyone have  
> one or have any solutions to the problem? The beam is quite new so it's not

# WeaveTech Archive 9901

> worn.  
>

This is a common problem with rayon chenille. AVL does have such a product, called SoftGrip. It cost me \$68 plus shipping for my 48" beam. It does indeed work very well in gripping chenille. When I ordered it at Convergence, Tom cautioned me that it would not be kind to my 36epi silk warps, so I do remove it when I'm not working with chenille. That's an easy matter, since it is wound on and held in place with masking tape.  
Martha

To reply privately, send message to "Martha H. & Jeffrey D. Hubbard"  
<hubbard182@worldnet.att.net>

>From owner-weavetech@List-Server.net Mon Jan 11 07:10:04 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA02265; Mon, 11 Jan 1999 07:10:04 -0700 (MST)  
Received: from rfd1.oit.umass.edu (mailhub.oit.umass.edu [128.119.175.4]) by salmon.esosoft.net (8.8.5) id HAA02254; Mon, 11 Jan 1999 07:10:02 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host mailhub.oit.umass.edu [128.119.175.4] claimed to be rfd1.oit.umass.edu  
Received: from autio (nscs28p8.remote.umass.edu) by rfd1.oit.umass.edu (PMDF V5.1-12 #29083) with SMTP id <0F5E001NOFCLWL@rfd1.oit.umass.edu> for WeaveTech@List-Server.net; Mon, 11 Jan 1999 09:09:58 -0500 (EST)  
Date: Mon, 11 Jan 1999 09:11:07 -0500  
From: Autio <autio@pssci.umass.edu>  
Subject: Re: Velvet  
X-Sender: autio@mailsrv-unix.oit.umass.edu  
To: WeaveTech@List-Server.net  
Message-id: <4.1.19990111062022.00a3c4c0@mailsrv-unix.oit.umass.edu>  
MIME-version: 1.0  
X-Mailer: QUALCOMM Windows Eudora Pro Version 4.1  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

There's several good articles on velvet in the very early Weavers (#8, 9, 18). The one in #9 on Barbara Setsu Pickett shows equipment.

Laurie Autio

To reply privately, send message to Autio <autio@pssci.umass.edu>

>From owner-weavetech@List-Server.net Mon Jan 11 07:30:17 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA07824; Mon, 11 Jan 1999 07:30:17 -0700 (MST)  
Received: from imo28.mx.aol.com (imo28.mx.aol.com [198.81.17.72]) by salmon.esosoft.net (8.8.5) id HAA07817; Mon, 11 Jan 1999 07:30:16 -0700 (MST)  
From: Lorele3773@aol.com  
Received: from Lorele3773@aol.com by imo28.mx.aol.com (IM0v18.1) id QBLPa23166 for <weavetech@List-Server.net>; Mon, 11 Jan 1999 09:29:46 -0500 (EST)  
Message-ID: <58b29d77.369a0ada@aol.com>  
Date: Mon, 11 Jan 1999 09:29:46 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: advancing chenille  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 205

# WeaveTech Archive 9901

Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

After reading about the advancing problems on the AVL, and having some of the same, I read about the beam cover the company came out with to help, especially with mohair and the like. The description sounded vaguely familiar, a cover made of nonskid rubberized material made to fit the beam and be taped in place. So... I made a trek to the dreaded "!\*&%!Mart" and grabbed a roll of Rubbermaid's nonskid drawer liner from the shelf next to the other drawer liners. That roll was 5 feet in length and, I believe, 15" wide. It turns out that the circumference of that front beam is almost exactly 15." You can cut it to fit the length of the beam. (fits perfect, as is, on the 60") It works great on mohair and mixed warps.  
Lorelei

To reply privately, send message to Lorele3773@aol.com

>From owner-weavetech@List-Server.net Mon Jan 11 08:12:27 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA18654; Mon, 11 Jan 1999 08:12:27 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id IAA18646; Mon, 11 Jan 1999 08:12:26 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id KAA17590 for <weavetech@list-server.net>; Mon, 11 Jan 1999 10:12:30 -0500 (EST)  
Date: Mon, 11 Jan 1999 10:12:30 -0500 (EST)  
Message-Id: <199901111512.KAA17590@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@list-server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: MULTIPLE SCARF WIDTHS  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

TO ALL:

A number of people have asked me to explain further the matter of weaving multiple scarf widths on a wide warp.

The dissolveable vinyl yarn to which I referred is woven as FILLING between each scarf LENGTH as a means of maintain the warp ends which form the fringe in a parallel orientation until wet finishing is completed.

The terms "...doup..." and "...leno..." refer to a common weave structure in which pairs, triplets or occasionally more, of warp ends are woven such that one end in each group is lifted alternately on the left and then on the right on each pick causing a crossing between it and the remaining end(s) in the group which usually weave 1/1 plain. This can be viewed in diagram form in Watson's "Advanced Textile Design & Colour" as well as other references which are not at my desk presently but which I will post as soon as I retrieve them.

The nature of the leno structure causes it to be very slip resistant in both warp and filling direction yet be very open at the same time. So much so that it is the standard selvage treatment for those shuttleless loom fabrics which do not have a tucked selvage. When used in weaving multiple widths on a wider warp, the edge of each width is held in place by one or more sets of warp ends weaving leno. A space is left in the reeding between the last

# WeaveTech Archive 9901

set for one width and the first set of the next width which forms the cut line.

My apologies for the difficulty in trying to explain this in words without being able to show it. This is instance wherein if we were all gathered in one place for real I would be more easily able to help everyone understand. Perhaps if one were to pick out the edge of a mill woven scarf or a shuttleless loom fabric, the leno structure may be better understood.

If this doesn't help, I'll try until something does.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Mon Jan 11 08:17:31 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA19855; Mon, 11 Jan 1999 08:17:31 -0700 (MST)  
Received: from mail-01.cdsnet.net (mail-01.cdsnet.net [206.107.16.35]) by salmon.esosoft.net (8.8.5) id IAA19839; Mon, 11 Jan 1999 08:17:29 -0700 (MST)  
Received: (qmail 294 invoked from network); 11 Jan 1999 15:17:31 -0000  
Received: from d01a80b8.dip.cdsnet.net (HELO cdsnet.net) (208.26.128.184) by mail.cdsnet.net with SMTP; 11 Jan 1999 15:17:31 -0000  
Message-ID: <369A16DD.43009C1@cdsnet.net>  
Date: Mon, 11 Jan 1999 07:21:02 -0800  
From: Margaret Copeland <busys@cdsnet.net>  
X-Mailer: Mozilla 4.03 [en] (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: chenille not advancing  
References: <199901111100.EAA04698@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> Date: Sun, 10 Jan 1999 13:48:58 EST  
> From: JNBj@aol.com  
> Subject: chenille not advancing  
>

> Has anyone had the problem of weaving chenille (warp and weft) and it doesn't  
> advance properly on the AVL? I assume it's the grit that isn't deep enough (to  
> catch the yarn and not just its pile) to carry it around the beam. I heard  
> that AVL has a sleeve that goes over the beam for chenille. Does anyone have  
> one or have any solutions to the problem? The beam is quite new so it's not  
> worn.

This is an interesting problem of which I have no easy solution. AVL does make a special rubberized beam covering that is supposed to grab the chenille. Let me say, I don't

have this covering on my beam and I haven't tried it. On my 40" AVL, I have the heavy sandpaper cloth. Rayon chenille warp will not hold for more than a few yards. You defeat

# WeaveTech Archive 9901

the purpose of having the elastic tensioning/automatic takeup if you take up directly on the first beam. Even then the woven cloth is so slick it might spin around. The real industrial fix for this (I have been told) is something that looks like cheese grater material. Just don't rest your arms on it ! Now what is so peculiar about this problem is that larger AVL looms can often weave the rayon chenille. The advancing beam on those AVLs is larger in diameter. My theory is that they have a larger surface area to grab the woven cloth. I can weave a 1/1 chenille/cotton cloth but not 100% rayon chenille. I can weave \*cotton\* chenille. I've woven lots of 100% rayon yarn. Rayon chenille is weird stuff !

- Margaret Copeland

To reply privately, send message to Margaret Copeland <busys@cdsnet.net>

>From owner-weavetech@List-Server.net Mon Jan 11 08:32:56 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA23551; Mon, 11 Jan 1999 08:32:56 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id IAA23542; Mon, 11 Jan 1999 08:32:55 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id KAA22525 for <weavetech@list-server.net>; Mon, 11 Jan 1999 10:32:59 -0500 (EST)  
Date: Mon, 11 Jan 1999 10:32:59 -0500 (EST)  
Message-Id: <199901111532.KAA22525@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@list-server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: FLY SHUTTLE MOTION (long)  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

TO ALL:

If I may, I would like to add to the discussion on the use and adjustment of the handloom fly shuttle, AVL or otherwise.

While not seem by some as relevant to the handloom venue, the issue of energy is as much a factor on powerloom use as in handloom use since it would be best to obtain the most work for the least energy. When our powerloom picking motions were not properly lubricated and adjusted, they consumed too much energy. This we demonstrated at one point by measuring the amperage peaks at each pick and noted quite clearly higher readings when the system was in need of cleaning and lubricating and adjusting.

First adjustment, this being the more complex. Contrary to what may be assumed, not all parts in the fly shuttle system are supposed to be straight and square.

1. The reed itself must b  
ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250

# WeaveTech Archive 9901

Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Mon Jan 11 08:52:15 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA28426; Mon, 11 Jan 1999 08:52:15 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id IAA28418; Mon, 11 Jan 1999 08:52:14 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id KAA27323 for <weavetech@list-server.net>; Mon, 11 Jan 1999 10:52:18 -0500 (EST)  
Date: Mon, 11 Jan 1999 10:52:18 -0500 (EST)  
Message-Id: <199901111552.KAA27323@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@list-server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: FLY SHUTTLE MOTION (long)  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

TO ALL:

If I may, I would like to add to the discussion on the use and adjustment of the handloom fly shuttle, AVL or otherwise.

While not seen by some as relevant to the handloom venue, the issue of energy is as much a factor on powerloom use as in handloom use since it would be best to obtain the most work for the least energy. When our powerloom picking motions were not properly lubricated and adjusted, they consumed too much energy. This we demonstrated at one point by measuring the amperage peaks at each pick and noted quite clearly higher readings when the system was in need of cleaning and lubricating and adjusting.

First adjustment, this being the more complex. Contrary to what may be assumed, not all parts in the fly shuttle system are supposed to be straight and square.

1. The reed itself must be perfectly straight with no bends or kinks. It is set up vertically square with the race place. However, when in place in the lay, the reed is not straight from end to end. Instead, by virtue of a very slight, adjustable curve in the lay beam reed slot, the reed describes a bow towards the shafts. A straight edge placed flat on the race place should touch the reed at each end but have a space of about 1/8" measured in the center of the reed. This bow causes the backside of the shuttle to remain firmly against the reed during flight yet will not produce bowed filling.
2. The ends of the race plate must be at the same level as or slightly lower than the inside end of each shuttle box floor but never higher since higher will certainly be one of the major causes for out of control shuttles. However, the outside end of each shuttle box floor must be approximately 1/16" - 1/8" higher than the inside. This causes the shuttle to be pitched slightly downward at the start of each pick.
3. The inside end of the back wall of the shuttle box must be perfectly in

## WeaveTech Archive 9901

line with the end of the reed in all aspects whereas the outside end of the shuttle box back wall must be about 1/8" forward of the inside end. This causes the shuttle to be thrown towards the reed on each pick rather than tending to fly out of control.

The picker spindle does truly become what in my less civilised moments I call a crap magnet!! However, there is a fair amount of heat generated by the sliding friction of the picker on the spindle and wax is not a good lubricant since it is not meant as a lubricant in the first place because it has no viscosity stability. Grease makes things more attractive to fly waste. On some of our powerlooms, the picker spindle was hollow and had a felt strip in a slot milled the entire length of the spindle through which lubricant from an oil cup on the end of the spindle could flow. For those spindles which were solid, we use a clear, stainless oil which had a very low viscosity, on the order of less than 5. While this had to be replenished periodically, it did not become gummy and retard the picker sliding on the spindle.

This all may seem complex and unnecessary for a handloom, but in fact whenever I have so adjusted any handloom fly shuttle, out of control shuttles are never a problem and the energy required to make each pick is greatly reduced.

Sorry for the long tale, but shorter just wouldn't work.

AAF  
ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Mon Jan 11 09:12:48 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA03756; Mon, 11 Jan 1999 09:12:48 -0700 (MST)  
Received: from darius.concentric.net (darius.concentric.net [207.155.184.79]) by salmon.esosoft.net (8.8.5) id JAA03742; Mon, 11 Jan 1999 09:12:47 -0700 (MST)  
Received: from mcfeely.concentric.net (mcfeely [207.155.184.83])  
by darius.concentric.net (8.9.1a/(98/08/04 5.11))  
id LAA24928; Mon, 11 Jan 1999 11:12:49 -0500 (EST)  
[1-800-745-2747 The Concentric Network]  
Received: from concentric.net (ts001d44.tuc-az.concentric.net [206.173.160.56])  
by mcfeely.concentric.net (8.9.1a)  
id LAA24549; Mon, 11 Jan 1999 11:12:47 -0500 (EST)  
Message-ID: <369A22E5.435C06AA@concentric.net>  
Date: Mon, 11 Jan 1999 09:12:21 -0700  
From: Marge Coe <MargeCoe@concentric.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: MULTIPLE SCARF WIDTHS  
References: <199901111512.KAA17590@mailbox.syr.edu>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net

# WeaveTech Archive 9901

Precedence: bulk  
Reply-To: weavetech@list-server.net

Allen Fannin wrote:

> The terms "...doup..." and "...leno..." refer to a common weave structure in  
> which pairs, triplets or occasionally more, of warp ends are woven such that  
> one end in each group is lifted alternately on the left and then on the  
> right on each pick causing a crossing between it and the remaining end(s) in  
> the group which usually weave 1/1 plain.

OK, I follow so far. This is where I get bogged down, not so much as to *\*what\**  
weaving doup/leno is, but *\*how\** it is accomplished on *\*our\** looms, without some  
sort of manual intervention thereby for sure reducing smoothness and speed. I  
cannot picture the shafts lifting in such a way as to create the crossover leno  
implies--help!

> My apologies for the difficulty in trying to explain this in words without  
> being able to show it.

Accepted but not needed. Your explanations are excellent, but this particular  
discussion is definitely headed toward the showing!

Margaret

-----  
MargeCoe@concentric.net  
Tucson, AZ, USA  
-----

To reply privately, send message to Marge Coe <MargeCoe@concentric.net>

>From owner-weavetech@List-Server.net Mon Jan 11 09:21:14 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA05720; Mon, 11 Jan 1999  
09:21:14 -0700 (MST)  
Received: from smtp11.bellglobal.com (smtp11.bellglobal.com [204.101.251.53]) by  
salmon.esosoft.net (8.8.5) id JAA05710; Mon, 11 Jan 1999 09:21:11 -0700 (MST)  
Received: from default (ppp822.on.bellglobal.com [206.172.239.54])  
by smtp11.bellglobal.com (8.8.5/8.8.5) with SMTP id LAA25529  
for <weavetech@List-Server.net>; Mon, 11 Jan 1999 11:22:47 -0500 (EST)  
Message-Id: <3.0.32.19990111105054.0069a380@pop1.sympatico.ca>  
X-Sender: blzzom44@pop1.sympatico.ca  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Mon, 11 Jan 1999 11:24:01 -0500  
To: weavetech@List-Server.net  
From: Ingrid Boesel <fiberworks.pcw@sympatico.ca>  
Subject: Pattern for DPW  
Mime-Version: 1.0  
Content-Type: text/enriched; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Eliz:

I have used a 4 block profile designed for Overshot. It works great in DPW. It was 50  
threading blocks, mirrored and then lift plan with weave as drawn in. We eventually used  
this profile as the motif on the Fiberworks T shirts. Then I wove 2 couch throws.

The DPW was woven with rust coloured cotton chenille as pattern ends and very fine pale  
grey silk tiedown ends. I wove two of these throws. One with grey cotton chenille as

## WeaveTech Archive 9901

pattern weft and burgundy silk weft tiedowns. The other was with salmon cotton chenille and purple silk tiedowns.

The colour of the weft tiedowns made a difference, even though the silk was about 1/120's.

I finished these throws with a rolled hem in ultra suede trim and mitered corners on all 4 sides.

The pattern is completely reversible and very dramatic.

Ingrid

~~~~~

When You Are Warped, What's Weft

<italic>

</italic>Ingrid Boesel, the weaving half of Fiberworks PCW

Visit us at: <http://www3.sympatico.ca/fiberworks.pcw>

To reply privately, send message to Ingrid Boesel <fiberworks.pcw@sympatico.ca>

>From owner-weavetech@List-Server.net Mon Jan 11 09:21:26 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA05815; Mon, 11 Jan 1999 09:21:26 -0700 (MST)  
Received: from smtp11.bellglobal.com (smtp11.bellglobal.com [204.101.251.53]) by salmon.esosoft.net (8.8.5) id JAA05798; Mon, 11 Jan 1999 09:21:24 -0700 (MST)  
Received: from default (ppp822.on.bellglobal.com [206.172.239.54])  
by smtp11.bellglobal.com (8.8.5/8.8.5) with SMTP id LAA25540  
for <weavetech@List-Server.net>; Mon, 11 Jan 1999 11:22:48 -0500 (EST)  
Message-Id: <3.0.32.19990111112244.0069a760@pop1.sympatico.ca>  
X-Sender: blzzom44@pop1.sympatico.ca  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Mon, 11 Jan 1999 11:24:03 -0500  
To: weavetech@List-Server.net  
From: Ingrid Boesel <fiberworks.pcw@sympatico.ca>  
Subject: velvet  
Mime-Version: 1.0  
Content-Type: text/enriched; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Betty Lou:

I have a reprint of a book from NC textile College that has about 100 pages on cut fabrics. It is very industrially inclined but the structures used are interesting

E.B. Berry. Textile Designing, Pure and Applied, section D. School of Textiles, University of North Carolina, Ed2 1964. The entire D section is on pile fabrics, about 150 pages (hard to tell because each section and chapter is separately numbered)

The other reference is S.A. Zielinski Master Weaver, Vol 14, Pile weaves, Rugs and Tapestries.

# WeaveTech Archive 9901

Jan Paul in WA does velvets and probably has a good list of references. She is a member of CW and if you have the directory, you can contact her through that. I don't want to give out her address or phone number without her permission.

I have done a few velvet pieces on my AVL (without special beam). These were all uncut velvet, mostly because I could not figure out a system that would allow me to cut accurately.

I used two warp beams one for ground and one for velvet ends. I did the first piece in 2/24 cotton and it worked well. The second piece was silk and about 15" wide. It was fabulous and I loved it but it was much harder to weave.

The cotton piece was about 10" wide so I used knitting needles (3 mm) as the rods and did not cut them. But the pattern was loom controlled so it was technically uncut voided velvet (I think)

To make sure that the tension was good on all ends with the differing takeup, I weighted each 8 end block with a shower curtain hook and a single 2" washer. There was no tension on the second velvet warp beam other than the inherent friction of an unbraked beam.

I had to use 9 needles before removing the first one, in order that the previous loops did not pull out.

The silk piece (not samples???crazy eh) used 2.5 mm wires that I scrounged from a friend who worked in a steel manufacturing plant. (got 4 mm ones as well) They were 1" wider than the piece. Here I needed 12 before I could remove the first one.

I found that the wires had to really, really smooth for the uncut velvet, because you pull it out.

You can use a type of strapping wire tape. (flat and thin and flexible and not too broad). If you insert two of them in each shed, you can then cut the pile between the two straps. A friend who did some cut pile used these metal straps that was 1/2 inch wide. This gave 1/2 pile. Long, more like a pile rug than velvet fabric. I think the straps would have to be less than 1/4 inch to give a velvety appearance.

This stuff is not expensive esp if you can rescue it from crates.

Ingrid

~~~~~

When You Are Warped, What's Weft

<italic>

</italic>Ingrid Boesel, the weaving half of Fiberworks PCW

Visit us at: <http://www3.sympatico.ca/fiberworks.pcw>

# WeaveTech Archive 9901

To reply privately, send message to Ingrid Boesel <fiberworks.pcw@sympatico.ca>

>From owner-weavetech@List-Server.net Mon Jan 11 09:37:00 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA10833; Mon, 11 Jan 1999 09:37:00 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id JAA10822; Mon, 11 Jan 1999 09:36:58 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id LAA08578  
for <weavetech@List-Server.net>; Mon, 11 Jan 1999 11:37:03 -0500 (EST)  
Date: Mon, 11 Jan 1999 11:37:03 -0500 (EST)  
Message-Id: <199901111637.LAA08578@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: MULTIPLE SCARF WIDTHS  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 09:12 AM 1/11/99 -0700, you wrote:

>

>OK, I follow so far. This is where I get bogged down, not so much as to \*what\*  
>weaving doup/leno is, but \*how\* it is accomplished on \*our\* looms,

>MargeCoe@concentric.net

>Tucson, AZ, USA

REPLY:

Leno edges of any kind usually require dedicated shafts separate from those weaving the body of the goods. These shafts have special heddles called doup heddles which cause the one crossing or "doup" end to raise alternately on the left and then right of the "standard" or plain weaving ends. None of this requires any manual intervention and weaves right along with the main body of the goods.

Doup heddles can be installed on any shafts, handloom or otherwise so there is no difference in accomplishing this regardless of the loom. If there is one crossing end and two plain ends in the set, four shafts will be required, two for the doup heddles and two for the plain ends.

At the risk of citing my own HWT book again, this is discussed and illustrated at pp. 107 - 110. However, these illustrations are for the most basic one doup, one standard end type of leno, not always secure enough for seges, but operates on the same principle as the set-up using one doup and two plain weaving ends.

As soon as I retrieve the books with additional reference to leno weaving, I will post the citations.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science

ECR Department

224 Slocum Hall

College for Human Development

Syracuse University

Syracuse, New York 13244-1250

# WeaveTech Archive 9901

Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Mon Jan 11 10:13:33 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA19827; Mon, 11 Jan 1999 10:13:33 -0700 (MST)  
Received: from smtp1.erols.com (smtp1.erols.com [207.172.3.234]) by salmon.esosoft.net (8.8.5) id KAA19817; Mon, 11 Jan 1999 10:13:31 -0700 (MST)  
Received: from LOCALNAME (207-172-111-189.s189.tnt1.ann.erols.com [207.172.111.189]) by smtp1.erols.com (8.8.8/8.8.5) with SMTP id MAA03726 for <weavetech@List-Server.net>; Mon, 11 Jan 1999 12:13:27 -0500 (EST)  
Message-ID: <369A5B0F.1A8C@erols.com>  
Date: Mon, 11 Jan 1999 12:12:00 -0800  
From: Anne Wells <arwells@erols.com>  
X-Mailer: Mozilla 3.01C-DH397 (Win16; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: MULTIPLE SCARF WIDTHS  
References: <199901111637.LAA08578@mailbox.syr.edu>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have a little different question than about how leno works, since I have woven leno and know how to make the doups, and so on (there have been articles about leno in Weavers and also in some older weaver texts and Weavers' Journals). Anyway, yes, the leno will hold the "edges" of the scarves in place, but my question is, once you cut the scarves apart, is one then obliged to sew the leno edges in some way to finish the seam?? I can't see how to avoid this. Perhaps the leno warps are so fine that the overall edge is very fine, and one can sew rolled "side hems" that hardly show, but I can't say that I've ever seen this.

Still confused -  
Anne in Annandale  
arwells@erols.com

Allen Fannin wrote:

> Leno edges of any kind usually require dedicated shafts separate from those  
> weaving the body of the goods.

To reply privately, send message to Anne Wells <arwells@erols.com>

>From owner-weavetech@List-Server.net Mon Jan 11 10:17:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA20929; Mon, 11 Jan 1999 10:17:53 -0700 (MST)  
Received: from imo28.mx.aol.com (imo28.mx.aol.com [198.81.17.72]) by salmon.esosoft.net (8.8.5) id KAA20924; Mon, 11 Jan 1999 10:17:51 -0700 (MST)  
From: Srude@aol.com  
Received: from Srude@aol.com by imo28.mx.aol.com (IM0v18.1) id 8EDPa23173 for <weavetech@list-server.net>; Mon, 11 Jan 1999 12:17:12 -0500 (EST)  
Message-ID: <b587d6b2.369a3218@aol.com>  
Date: Mon, 11 Jan 1999 12:17:12 EST  
To: weavetech@list-server.net  
Mime-Version: 1.0  
Subject: chenille not advancing

# WeaveTech Archive 9901

Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL for Macintosh sub 54  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Janice --

You're right, the standard sandpaper beam doesn't "grab" chenille. AVL makes a textured rubber cover for the sandpaper beam that is specifically designed for weaving chenille. It's easy to put on, and to be honest, once I put it on, I've never taken it off, even for non-chenille warps. (I was always getting my elbows and forearms abraded on the sandpaper.) The folks at AVL said the textured rubber cover might not work well with very fine threads, but I haven't had any trouble, and I've gone up to 50 epi with some fine silk.  
-- Sandra in San Jose  
srude@aol.com

To reply privately, send message to Srude@aol.com

>From owner-weavetech@List-Server.net Mon Jan 11 10:30:16 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA24157; Mon, 11 Jan 1999 10:30:16 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id KAA24146; Mon, 11 Jan 1999 10:30:15 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id MAA22152 for <weavetech@List-Server.net>; Mon, 11 Jan 1999 12:30:20 -0500 (EST)  
Date: Mon, 11 Jan 1999 12:30:20 -0500 (EST)  
Message-Id: <199901111730.MAA22152@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: MULTIPLE SCARF WIDTHS  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 12:12 PM 1/11/99 -0800, you wrote:

but my question is, once you cut the scarves  
>apart, is one then obliged to sew the leno edges in some way to finish  
>the seam??  
>Anne in Annandale  
>arwells@erols.com

REPLY:

It is not necessary to do anything to leno edges once they are cut. If the edges are properly constructed nothing which would not damage the goods over will cause them to come undone.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562

# WeaveTech Archive 9901

E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Mon Jan 11 11:27:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA08267; Mon, 11 Jan 1999 11:27:53 -0700 (MST)  
Received: from mail.mc.net (mail.mc.net [209.172.128.4]) by salmon.esosoft.net (8.8.5) id LAA08260; Mon, 11 Jan 1999 11:27:51 -0700 (MST)  
Received: (qmail 5794 invoked from network); 11 Jan 1999 18:28:56 -0000  
Received: from tntmodem3-244.mc.net (HELO Butler-Home.cl.na.sb.com) (209.172.135.244) by mail.mc.net with SMTP; 11 Jan 1999 18:28:56 -0000  
Message-ID: <005401be3da2\$149a37c0\$f487acd1@Butler-Home.cl.na.sb.com>  
From: "Al and Su Butler" <aabutler@mc.net>  
To: <weavetech@list-server.net>  
Subject: Re: MULTIPLE SCARF WIDTHS  
Date: Mon, 11 Jan 1999 12:36:33 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
X-Spam-Rating: mail.mc.net 1.6.1 0/1000/N  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

HI Allen....

> These shafts have special heddles called  
>doup heddles

Thanks for the concise explanation of weaving doup leno.....would you have a source for the special doup heddles???

I for one appreciate the references, whether to your book or others (although I get frustrated when the info is in Watson's as I am not privileged to own or have access to a copy!). It is helpful to have a place to start!

Regards,  
Su :-)

To reply privately, send message to "Al and Su Butler" <aabutler@mc.net>

>From owner-weavetech@List-Server.net Mon Jan 11 14:12:26 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id OAA18635; Mon, 11 Jan 1999 14:12:26 -0700 (MST)  
Received: from mail-01.cdsnet.net (mail-01.cdsnet.net [206.107.16.35]) by salmon.esosoft.net (8.8.5) id OAA18625; Mon, 11 Jan 1999 14:12:24 -0700 (MST)  
Received: (qmail 3208 invoked from network); 11 Jan 1999 21:12:29 -0000  
Received: from d01a815d.dip.cdsnet.net (HELO cdsnet.net) (208.26.129.93) by mail.cdsnet.net with SMTP; 11 Jan 1999 21:12:29 -0000  
Message-ID: <369A6A0F.F101EE30@cdsnet.net>  
Date: Mon, 11 Jan 1999 13:16:00 -0800  
From: Margaret Copeland <busys@cdsnet.net>  
X-Mailer: Mozilla 4.03 [en] (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net

# WeaveTech Archive 9901

Subject: Re: FLY SHUTTLE MOTION  
References: <199901111552.IAA28441@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> The picker spindle does truly become what in my less civilised moments I  
> call a crap magnet!! However, there is a fair amount of heat generated by  
> the sliding friction of the picker on the spindle and wax is not a good  
> lubricant since it is not meant as a lubricant in the first place because it  
> has no viscosity stability. Grease makes things more attractive to fly  
> waste.

I have \*no\* idea if this would be good for the picker and the spindle but I use this stuff on assorted mechanical devices when grease and wax won't do. You can buy a tube of teflon grease "Lube Gel" (not the oil !) from Radio Shack for a big \$3.00. Here is what the back of the tube says, "Superior adhesion: Stays where you put it", "Non-toxic and Non-corrosive", "Won't wash off, disperse, break down or turn racid", "Does not attract dust or other contaminants", "All temperature use -65 to + 650 degrees". Don't ask me what they use it for on electronic equipment but it certainly provides a slick surface that "fly excrement" won't stick to.

- Margaret Copeland

To reply privately, send message to Margaret Copeland <busys@cdsnet.net>

>From owner-weavetech@List-Server.net Mon Jan 11 15:01:11 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA00642; Mon, 11 Jan 1999 15:01:11 -0700 (MST)  
Received: from alpha.netvision.net.il (alpha.netvision.net.il [194.90.1.13]) by salmon.esosoft.net (8.8.5) id PAA00613; Mon, 11 Jan 1999 15:01:07 -0700 (MST)  
Received: from diaspora (ts020p5.jlm.netvision.net.il [199.203.101.115]) by alpha.netvision.net.il (8.8.6/8.8.6) with ESMTP id XAA08123 for <weavetech@List-Server.net>; Mon, 11 Jan 1999 23:57:15 +0200 (IST)  
Message-Id: <199901112157.XAA08123@alpha.netvision.net.il>  
From: "Yehudit Abrahams" <gabraham@netvision.net.il>  
To: <weavetech@List-Server.net>  
Subject: Re: more AVL  
Date: Tue, 12 Jan 1999 00:59:43 +0200  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi:

It's not true that all weavers have bad backs.

The back problems come from the "bending over". Production weaving, as I wrote about weeks ago, requires full leg maneuverability (sp?) which

# WeaveTech Archive 9901

automatically throws the shoulders back and allows the torso and arms to turn and swing as well.

Perhaps if you are throwing the shuttle by hand, keep the fell line as close as possible to avoid any unnecessary bending forward. Also, when you do bend forward, keep the neck straight by tucking the chin in rather than throwing it out. I also do this when driving for a long time. Don't slump, always keep the torso straight as possible. Like I said, this automatically happens when the chin is tucked. And most importantly, don't push it. Always take breaks when the slightest fatigue or pain is felt. Go to another loom that uses different muscles.

Healthy weaving to all,

Yehudit

To reply privately, send message to "Yehudit Abrahams" <gabraham@netvision.net.il>

>From owner-weavetech@List-Server.net Mon Jan 11 19:05:27 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA24089; Mon, 11 Jan 1999 19:05:27 -0700 (MST)  
Received: from m9.boston.juno.com (m9.boston.juno.com [205.231.100.195]) by salmon.esosoft.net (8.8.5) id TAA24084; Mon, 11 Jan 1999 19:05:26 -0700 (MST)  
From: weevings@juno.com  
Received: (from weevings@juno.com)  
by m9.boston.juno.com (queuemail) id DYQSCL67; Mon, 11 Jan 1999 21:02:31 EST  
To: WeaveTech@List-Server.net  
Date: Mon, 11 Jan 1999 20:48:36 -0500  
Subject: Re: MULTIPLE SCARF WIDTHS  
Message-ID: <19990111.210017.-72823.5.weevings@juno.com>  
X-Mailer: Juno 2.0.11  
X-Juno-Line-Breaks: 10-11,14-15,18-19,26-27,29-32  
X-Juno-Att: 0  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Allen, We used the metal doup leno heddles at the design studio I worked in, since our mill did quite a lot of leno fabrics. (The production manager loved that we could sell more "air" - due to the openness possible with leno.) We had them on a Macomber, however, and while one shed was good, the other shed was only half the height, and we were told that it was because of the "cobbled up" shaft arrangement we had to use. We had the front part of the frame on shaft 1, the back on shaft 2, then the end that went through the eye of the heddle went through a heddle on shaft 3, which wasn't tied up to anything. The end that went through the slot also went through a heddle on shaft 4, which also wasn't ever raised.

After I left there, they installed another gizmo (jury-rigged again) that would enable them to weave tabby with the ends that were threaded through the leno heddles.

Neither system was fun to weave on, due to the shallowness of one of the sheds. I've got a set of those heddles on 2 of my Macomber harness frames, but rarely use it.

I'm not sure pictures will help others "see" how this system works, even after I'd threaded and woven a couple of sample blankets using the doup leno heddles, it still seemed like magic, that the heddle can make the

## WeaveTech Archive 9901

end A come up on one side of B one time, and on the other the next. After weaving pick-up leno in production one season (what was I thinking??) I could literally feel my brain twisting to grasp what the secret was.

Should we have gotten your book, to see how to correctly hook up this system?

Bonni in Jersey City, NJ

To reply privately, send message to weevings@juno.com

>From owner-weavetech@List-Server.net Tue Jan 12 06:24:52 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA08626; Tue, 12 Jan 1999 06:24:52 -0700 (MST)  
Received: from smtp1.erols.com (smtp1.erols.com [207.172.3.234]) by salmon.esosoft.net (8.8.5) id GAA08621; Tue, 12 Jan 1999 06:24:51 -0700 (MST)  
Received: from LOCALNAME (207-172-113-208.s208.tnt5.ann.erols.com [207.172.113.208]) by smtp1.erols.com (8.8.8/8.8.5) with SMTP id IAA18887 for <weavetech@List-Server.net>; Tue, 12 Jan 1999 08:24:52 -0500 (EST)  
Message-ID: <369B76F5.7B84@erols.com>  
Date: Tue, 12 Jan 1999 08:23:17 -0800  
From: Anne Wells <arwells@erols.com>  
X-Mailer: Mozilla 3.01C-DH397 (Win16; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: MULTIPLE SCARF WIDTHS  
References: <19990111.210017.-72823.5.weevings@juno.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Bonni -

I'm not sure it's this hard to weave leno. I tried "loom controlled" leno this summer, after previously doing lots of it using pick-up. (Very tedious!) I made the doups myself, and put the leno on shafts 1 and 2, which made attaching the doups not too hard. This setup is described in several places (not to repeat myself, sorry!) including recent WEAVERS magazines. I tied about 100 doups and attached them and threaded them in an evening.

The way I attached the doups and threaded the rest of the warp allowed me a choice of weaving plain weave \*or\* leno with those threads. I don't know if the industrial, premade doup heddles allow the same flexibility.

Because you are twisting one thread around another, in the leno shed, it's very hard to get as big a shed as usual. When using a pick-up stick to work leno, you can feel the pressure of those threads! So whether industrial or home, I suspect that one must plan on that smaller shed when weaving leno. The other sheds, BTW, are just fine. And the shed while weaving plain weave in the leno areas also is just fine.

Anne in Annandale  
arwells@erols.com

To reply privately, send message to Anne Wells <arwells@erols.com>

>From owner-weavetech@List-Server.net Tue Jan 12 08:05:19 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA00353; Tue, 12 Jan 1999 08:05:19 -0700 (MST)  
Received: from smtp3.erols.com (smtp3.erols.com [207.172.3.236]) by salmon.esosoft.net

## WeaveTech Archive 9901

(8.8.5) id IAA00344; Tue, 12 Jan 1999 08:05:18 -0700 (MST)  
Received: from erols.com (207-172-145-85.s22.as5.fdk.erols.com [207.172.145.85])  
by smtp3.erols.com (8.8.8/8.8.5) with ESMTP id KAA06909;  
Tue, 12 Jan 1999 10:05:19 -0500 (EST)  
Message-ID: <369B1DD6.5E8B1A2@erols.com>  
Date: Tue, 12 Jan 1999 10:03:03 +0000  
From: Susan Smith <sufiber@erols.com>  
X-Mailer: Mozilla 4.5 [en] (Win95; U)  
X-Accept-Language: en  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
CC: weavetech-digest@List-Server.net  
Subject: Re: Multiple Scarf Widths  
References: <199901121100.EAA18487@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi, I'm Susan Smith, a production weaver who used to weave on an AVL PDL but now has the AVL IDL. I have been following the scarf discussion with great interest as I refused to weave narrow scarf widths. Totally inefficient! I did not know about the doup leno but found my own solution in a serger which would handle a yarn to match the scarves. Now I weave the length I want for the scarves with a fringe filler at each end on my 60" warp. When off loom, I cut to the desired width and serge with sewing thread to secure the edges, then serge again with the matching thread. As long as the ends are finished properly, the edging is very stable. While this requires some additional steps, they are quick and I have the added benefit of being able to weave both yardage for jackets and scarves on the same warp.  
Susan  
private replies welcome

>

To reply privately, send message to Susan Smith <sufiber@erols.com>

>From owner-weavetech@List-Server.net Tue Jan 12 13:23:39 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id NAA21253; Tue, 12 Jan 1999 13:23:39 -0700 (MST)  
Received: from post.mail.demon.net (post-20.mail.demon.net [194.217.242.27]) by salmon.esosoft.net (8.8.5) id NAA21247; Tue, 12 Jan 1999 13:23:38 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host post-20.mail.demon.net [194.217.242.27] claimed to be post.mail.demon.net  
Received: from [194.222.59.249] (helo=plysplit.demon.co.uk)  
by post.mail.demon.net with smtp (Exim 2.10 #2)  
id 100ALn-0006gg-00  
for weavetech@List-Server.net; Tue, 12 Jan 1999 20:23:44 +0000  
Message-ID: <zdHa2GAg66m2Ew3c@plysplit.demon.co.uk>  
Date: Tue, 12 Jan 1999 20:20:48 +0000  
To: weavetech@List-Server.net  
From: Peter Collingwood <peter@plysplit.demon.co.uk>  
Subject: internet articles  
MIME-Version: 1.0  
X-Mailer: Turnpike (32) Version 4.01 <2F\$QSRrSWjg+AhbEHIAwghBDxk>

# WeaveTech Archive 9901

Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

The magazine Textileforum, the excellent organ of ETN (European Textile Network), devoted many pages in its September 3/98 number to Textiles on the Internet; and this was followed by another article in the following issue, 4/98. Both gave good sites to visit. Though produced in Germany there is an English language edition. You can find out about this publication and the ETN organisation at <http://www.ETN.net.org>

Peter Collingwood

<peter@plysplit.demon.co.uk>

To reply privately, send message to Peter Collingwood <peter@plysplit.demon.co.uk>

>From owner-weavetech@List-Server.net Tue Jan 12 13:52:46 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id NAA28315; Tue, 12 Jan 1999 13:52:46 -0700 (MST)  
Received: from post.mail.demon.net (finch-post-10.mail.demon.net [194.217.242.38]) by salmon.esosoft.net (8.8.5) id NAA28291; Tue, 12 Jan 1999 13:52:45 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host finch-post-10.mail.demon.net [194.217.242.38] claimed to be post.mail.demon.net  
Received: from [194.222.59.249] (helo=plysplit.demon.co.uk) by post.mail.demon.net with smtp (Exim 2.10 #1) id 100Any-0005jx-00 for weavetech@List-Server.net; Tue, 12 Jan 1999 20:52:51 +0000  
Message-ID: <fsDB6LAzV7m2EwB8@plysplit.demon.co.uk>  
Date: Tue, 12 Jan 1999 20:49:55 +0000  
To: weavetech@List-Server.net  
From: Peter Collingwood <peter@plysplit.demon.co.uk>  
Subject: web wite for ETN  
MIME-Version: 1.0  
X-Mailer: Turnpike (32) Version 4.01 <2F\$QSRrSWjg+AhbEHIAwghBDxk>  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Sorry, I got that web site address very slightly wrong for the European Textile Network.

It should be <http://www.ETN-net.org>

Peter Collingwood

<peter@plysplit.demon.co.uk>

To reply privately, send message to Peter Collingwood <peter@plysplit.demon.co.uk>

>From owner-weavetech@List-Server.net Tue Jan 12 14:22:48 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id OAA06188; Tue, 12 Jan 1999 14:22:48 -0700 (MST)  
Received: from smtp1.jps.net (smtp1.jps.net [209.63.224.236]) by salmon.esosoft.net (8.8.5) id OAA06183; Tue, 12 Jan 1999 14:22:46 -0700 (MST)  
Received: from fvjn5 (209-239-195-28.oak.jps.net [209.239.195.28]) by smtp1.jps.net (8.8.5/8.8.5) with SMTP id NAA19330 for weavetech@List-Server.net; Tue, 12 Jan 1999 13:22:50 -0800 (PST)  
Message-ID: <000201be3e70\$be110bc0\$1cc3efd1@fvjn5>

# WeaveTech Archive 9901

From: "Betty Lou Whaley" <enbwhaley@jps.net>  
To: <weavetech@List-Server.net>  
Subject: SPECK BOOK  
Date: Tue, 12 Jan 1999 12:59:52 -0800  
MIME-Version: 1.0  
Content-Type: multipart/mixed;  
boundary="-----\_NextPart\_000\_0006\_01BE3E2B.71FEEA80"  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

This is a multi-part message in MIME format.

-----\_NextPart\_000\_0006\_01BE3E2B.71FEEA80  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Has anyone tried making drafts and weaving patterns based on The SPECK BOOK, An 18th CENTURY WEAVING MANUSCRIPT by Johann Ludwig Speck, Volume One, Volume Two, Transcribed and Drafted for the Modern Hand Weaver by Rebecca Emily Heil? (Ginkgo Press, Freeland, WA 1994)

I'd be most interested in other weaver's interpretations of these drafts, which I presume were originally for weaving damask. One of my interpretations ( Page 63, vol. 2) in basket weave and half-tone twill for 8 shafts is attached in.WIF format. My draft is not for commercial use but if anyone weaves it, I would love to have a sample.

Don't know how or why but it appears to have been saved by Patternland (for windows) as .pww and not .WIF. If anyone is interested and can't read this, let me know and I'll try again to post it in .WIF.

Betty Lou Whaley

-----\_NextPart\_000\_0006\_01BE3E2B.71FEEA80  
Content-Type: application/octet-stream;  
name="strailc.pww"  
Content-Transfer-Encoding: base64  
Content-Disposition: attachment;  
filename="strailc.pww"

aBZAs4AU3BLY2syMisgKFNUYwLsIFRyYwLsKSBPcmLnaW5hbCBkcmFmdCBpbiBoYWxmLXRvbmUg  
dHdpbGwgYW5kIGJhc2tldCB3ZWF2ZSBieSBCZXR0eSBMb3UgV2hnbGV5DQpUcmFuc2xhdGVkIGZy  
b20gVGHlIFNQRUNLIEJPT0sgYnkgUmViZWNjYSBfYwLseSBIZWwLsLCBHaW5rZ28gUHJlc3MsIEZy  
ZwVsYW5kLlBxQSAxOTk0Lg0KTm90IGZvcjBjb21tZXJjaWFsIHVzZS4XAKkgQmV0dHkgTG91IFdo  
YwXleSAxOTk4JwAxNDEwMSBlaWxtYSBDeXJjbGUsIE1lbnRvY2lubywgQ0EgOTU0NjARAGVvYndo  
YwXleUBqcmV0DAA3MDcgOTY0IDU1NDAAAAAAeAAAAEACgB7AB0BfAFkAGkAAQAAAAAAQEB  
ZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACQD///8AAQEBZABQAGkACQD///8A  
AQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACQD///8AAQEBZABQAGkACQD/  
//8AAQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACQD///8AAQEBZABQAGkA  
CQD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACQD///8AAQEBZABQ  
AGkACQD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACQD///8AAQEB  
ZABQAGkACQD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACQD///8A  
AQEBZABQAGkACQD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACQD/  
//8AAQEBZABQAGkACQD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkA  
CQD///8AAQEBZABQAGkACQD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEBZABQ  
AGkACQD///8AAQEBZABQAGkACQD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8AAQEB  
ZABQAGkACQD///8AAQEBZABQAGkACQD///8AAQEBZABQAGkACAD///8AAQEBZABQAGkACAD///8A







# WeaveTech Archive 9901

AUXsAAkBjGwACQETbAAJASNsAAkBTGwACQGMbAAJATFsAAkBMmwACQFMbAAJAYxsAAkBMWwACQEy  
bAAJAUxsAAkBjGwACQExbAAJATJsAAkBTGwACQGMbAAJARNsAAkBI2wACQFMbAAJAYxsAAkBE2wA  
CQEjbAAJAUxsAAkBjGwACQExbAAJATJsAAkBTGwACQGMbAAJARNsAAkBI2wACQFMbAAJAYxsAAkBE  
E2wACQEjbAAJAUxsAAkBjGwACQETbAAJASNsAAkBXGwACQHIbAAJARNsAAkBI2wACQHEbAAJAchs  
AAkBE2wACQEjbAAJAcRsAAkByGwACQExbAAJATJsAAkBXGwACQHIbAAJATFsAAkBMmwACQHEbAAJ  
AchsAAkBE2wACQEjbAAJAcRsAAkByGwACQExbAAJATJsAAkBXGwACQHIbAAJATFsAAkBMmwACQHE  
bAAJAchsAAkBMWwACQEyAAJAcRsAAkByGwACQExbAAJATJsAAkBXGwACQHIbAAJARNsAAkBI2wA  
CQHEbAAJAchsAAkBMWwACQEyAAJAcRsAAkByGwACQExbAAJATJsAAkBXGwACQHIbAAJARNsAAkBI  
I2wACQHEbAAJAchsAAkBE2wACQEjbAAJAcRsAAkByGwACQETbAAJASNsAAkBTGwACQGMbAAJARNs  
AAkBI2wACQFMbAAJAYxsAAkBMWwACQEyAAJAUxsAAkBjGwACQExbAAJATJsAAkBXGwACQHIbAAJ  
ATFsAAkBMmwACQHEbAAJAchsAAkBE2wACQEjbAAJAYxsAAkBXHsASQF8AWQAbQAAAG0AAAVtAAAG  
bQAAB20AAAhtAAAFbQAABm0AAAFtAAACbQAAA20AAARtAAABbQAAAm0AAA1tAAAOBQAAD20AABBt  
AAANbQAADm0AAA1tAAAKbQAAC20AAAxtAAAJbQAACm0AAAVtAAAGbQAAB20AAAhtAAAFbQAABm0A  
AAdtAAAIbQAABW0AAAztAAABbQAAAm0AAANtAAAEbQAAAW0AAAjTAAAFbQAABm0AAAdtAAAIbQAA  
BW0AAAztAAABbQAAAm0AAANtAAAEbQAAAW0AAAjTAAADbQAABG0AAAFtAAACbQAAA20AAARtAAAB  
bQAAAm0AAAVtAAAGbQAAB20AAAhtAAAFbQAABm0AAAFtAAACbQAAA20AAARtAAABbQAAAm0AAAVt  
AAAGbQAAB20AAAhtAAAFbQAABm0AAAdtAAAIbQAABW0AAAztAAAJbQAACm0AAAttAAAMbQAACW0A  
AAptAAALbQAADG0AAA1tAAAKbQAADW0AAA5tAAAPbQAAEG0AAA1tAAAOBQAACW0AAApTAAALbQAA  
DG0AAA1tAAAKbQAADW0AAA5tAAAPbQAAEG0AAA1tAAAOBQAAD20AABBtAAANbQAADm0AAA9tAAAQ  
bQAADW0AAA5tAAAJbQAACm0AAAttAAAMbQAACW0AAApTAAANbQAADm0AAA9tAAAQbQAADW0AAA5t  
AAAJbQAACm0AAAttAAAMbQAACW0AAApTAAALbQAADG0AAA1tAAAKbQAABW0AAAztAAAHbQAACG0AAAVt  
AAAGbQAAAW0AAAjTAAADbQAABG0AAAFtAAACbQAADW0AAA5tAAAPbQAAEG0AAA1tAAAOBQAA  
CW0AAApTAAALbQAADG0AAA1tAAAKbQAABW0AAAztAAAHbQAACG0AAAVtAAAGbQAAAW0AAAjTAAAD  
bQAABG0AAAFtAAACbQAADW0AAA5tAAAPbQAAEG0AAA1tAAAOBQAACW0AAApTAAALbQAADG0AAA1t  
AAAKbQAABW0AAAztAAAHbQAACG0AAAVtAAAGbQAAB20AAAhtAAAFbQAABm0AAAFtAAACbQAAA20A  
AARtAAABbQAAAm0AAAVtAAAGbQAAB20AAAhtAAAFbQAABm0AAAFtAAACbQAAA20AAARtAAABbQAA  
Am0AAANtAAAEbQAAAW0AAAjTAAADbQAABG0AAAFtAAACbQAABW0AAAztAAAHbQAACG0AAAVtAAAG  
bQAAAW0AAAjTAAADbQAABG0AAAFtAAACbQAABW0AAAztAAAHbQAACG0AAAVtAAAGbQAAB20AAAht  
AAAFbQAABm0AAA1tAAAKbQAAC20AAAxtAAAJbQAACm0AAAttAAAMbQAACW0AAApTAAANbQAADm0A  
AA9tAAAQbQAADW0AAA5tAAAJbQAACm0AAAttAAAMbQAACW0AAApTAAANbQAADm0AAA9tAAAQbQAA  
DW0AAA5tAAAPbQAAEG0AAA1tAAAOBQAAD20AABBtAAANbQAADm0AAA1tAAAKbQAAC20AAAxtAAAJ  
bQAACm0AAA1tAAAOBQAAD20AABBtAAANbQAADm0AAA1tAAAKbQAAC20AAAxtAAAJbQAACm0AAAtt  
AAAMbQAACW0AAApTAAAFbQAABm0AAAdtAAAIbQAABW0AAAztAAABbQAAAm0AAANtAAAEbQAAAW0A  
AAjTAAANbQAADm0AAA9tAAAQbQAADW0AAA5tAAAJbQAACm0AAAttAAAMbQAACG0AAA17ABEAeWAF  
AG4AAABuAAkBTG4ACQGMbgAJATFuAAkBMm4ACQETbgAJASNuAAkBTG4ACQGMbgAJAcRuAAkByG4A  
CQETbgAJASNuAAkBMW4ACQEybgAJAcRuAAkByHgAEQARAATAcQAAAAUQAQmxhY2sFAAEAAAD///8A  
AAABAQEABQABAAAAAAB0AAMA///AAMAAABxAAEABwBDb2xvciAxBQABAAAA///AAAAAAAAAAUA  
AQAAAAAdAADAP///wADAAAAcQACAAcAQ29sb3IgmGUAQAAP///wAAAAcQAAFAAEAAAAAAHQQA  
AwD///8AAwAAAHEAAwAHAENvbG9yIDMFAAEAAAD///8AAAAUEKoABQABAAAAAAB0AAMA///AAMA  
AABxAAQAABwBDb2xvciA0BQABAAAA///AAAAwC2AAUAAQAAAAAdAADAP///wADAAAAcQFAAAC  
Q29sb3IgmGUAQAAP///wAAAKoAqgAFAAEAAAAAAHQQAawD///8AAwAAAHEABGHAENvbG9yIDYF  
AAEAAAD///8AAACqVQAABQABAAAAAAB0AAMA///AAMAAABxAAcABwBDb2xvciA3BQABAAAA///  
AAAAqqqAAUAAQAAAAAdAADAP///wADAAAAcQAIAAcAQ29sb3IgmGUAQAAP///wAAANcY2wAF  
AAEAAAAAAHQQAawD///8AAwAAAHEACQAHAENvbG9yIDkFAAEAAAD///8AAAAgtMABQABAAAAAAB0  
AAMA///AAMAAABxAAoACABDb2xvciAxMAUAAQAAP///wAAAFx/VQAFAAEAAAAAAHQQAawD///8A  
AwAAAHEACwAIAENvbG9yIDExBQABAAAA///AAAAVf//AAUAAQAAAAAdAADAP///wADAAAAcQAM  
AAgAQ29sb3IgmTIFAAEAAAD///8AAAD/VVUABQABAAAAAAB0AAMA///AAMAAABxAAoACABDb2xv  
ciAxMwUAAQAAP///wAAAP9V/wFAAEAAAAAAHQQAawD///8AAwAAAHEAdGAIENvbG9yIDEBQAB  
AAAA///AAAA/9VAAUAAQAAAAAdAADAP///wADAAAAcQAPAAgAQ29sb3IgmTUFAAEAAAD///8A  
AAD///8ABQABAAAAAAB0AAMA///AAMAAABxABAACABDb2xvciAxNgUAAQAAP///wAAAAAAAF  
AAEAAAAAAHQQAawD///8AAwAAAHoACgASAAIAdgAEAFdhnA0AFdhnAgMTogMCB0byAwAQAAAAA  
AAAAABgBDAAAAAAQAAAAEAMQAAJQk+DgAAAdgAEAFdhnA0AFdhnAgMjogMCB0byAwAgAAAAA  
AAAAABgBDAAAAAAQAAAAEAMgAAJQk+DgAAAdgAEAFdhnA0AFdhnAgMzogMCB0byAwAwAAAAA  
AAAAABgBDAAAAAAQAAAAEAMwAAJQk+DgAAAdgAEAFdhnA0AFdhnAgNDogMCB0byAwBAAAAA  
AAAAABgBDAAAAAAQAAAAEANAAJQk+DgAAAdgAEAFdhnA0AFdhnAgNTogMCB0byAwBQAAAAA  
AAAAABgBDAAAAAAQAAAAEANQAAJQk+DgAAAdgAEAFdhnA0AFdhnAgNjogMCB0byAwBgAAAAA  
AAAAABgBDAAAAAAQAAAAEANgAAJQk+DgAAAdgAEAFdhnA0AFdhnAgNzogMCB0byAwBwAAAAA  
AAAAABgBDAAAAAAQAAAAEANwAAJQk+DgAAAdgAEAFdhnA0AFdhnAgODogMCB0byAwCAAAAAA  
AAAAABgBDAAAAAAQAAAAEAOAAAJQk+DgAAAdgAEAFdhnA0AFdhnAgOTogMCB0byAwCQAAAAA  
AAAAABgBDAAAAAAQAAAAEAOQAAJQk+DgAAAdgAEAFdhnA0AFdhnAgMTA6IDAAdG6gMAoAAAAA  
AAAAAAAYAQwAAAAAAEAAAACADEwAAALCT40AAAEegAKABIAAgB2AAQAV2VmdA4AV2VmdCAx0iAw  
IHRvIDABAAAAAAAGAAEMAAAAAABAAAAAQAxAAALCV40AAB2AAQAV2VmdA4AV2VmdCAy0iAw  
IHRvIDACAAAAAAAGAAEMAAAAAABAAAAAQAYAAALCV40AAB2AAQAV2VmdA4AV2VmdCAz0iAw

# WeaveTech Archive 9901

IHRvIDADAAAAAAAAAAGAEMAAAAAABAAAAQAzAAALCV40AAB2AAQAV2VmdA4AV2VmdCA00iAw  
IHRvIDAFAAAAAAAAAAAGAEMAAAAAABAAAAQA0AAAALCV40AAB2AAQAV2VmdA4AV2VmdCA10iAw  
IHRvIDAFAAAAAAAAAAGAEMAAAAAABAAAAQA1AAAALCV40AAB2AAQAV2VmdA4AV2VmdCA20iAw  
IHRvIDAGAAAAAAAAAAGAEMAAAAAABAAAAQA2AAAALCV40AAB2AAQAV2VmdA4AV2VmdCA30iAw  
IHRvIDAHAAAAAAAAAAGAEMAAAAAABAAAAQA3AAAALCV40AAB2AAQAV2VmdA4AV2VmdCA40iAw  
IHRvIDAIAAAAAAAAAAAGAEMAAAAAABAAAAQA4AAAALCV40AAB2AAQAV2VmdA4AV2VmdCA50iAw  
IHRvIDAJAAAAAAAAAAGAEMAAAAAABAAAAQA5AAAALCV40AAB2AAQAV2VmdA8AV2VmdCAxMDog  
MCB0byAwCgAAAAAAAAAABgBDAAAAAAAAQAAMTAAACUJXg4AAAB6AAMABQACAHYACwBUaWV1  
cCBCbG9jax0AVG1ldXAgQmxvY2sgMTogMCB0byAwOyAwIHRvIDABAAAAAAAAAAAAAAAAAAAAAAB  
AAAAQAxAAAALCZ4OAB2AAsAVG1ldXAgQmxvY2sdAFRpb2Nrb2Nrdi6IDAgdG8gMDsgMCB0  
byAwAgAAAAAAAAAADAQAAAAAQAAMAAJQmeDgAAAdgALAFRpb2Nrb2Nrdi6IDAgdG8gMDsgMCB0  
cCBCbG9jayAz0iAwIHRvIDA7IDAgdG8gMAMAAAAAAMAAAAAAAwAAAAAAEAAAABADMAACUJng4A  
AAABABwBAQBIARwBSAEIABAAAAAACqAAAUeKoA/wC2AKoAqgCqVQAAqqqANcY2wAAgtMAVf9V  
AFX//wD/vVUA/1X/AP//VQD///8AAAAAAEAAAABAAEAAAAAAAAAAAAAAAAAAAgAAAAAAAAAMTIZ  
NDU2Nzg5QUJDREVGRwAxMjM0NTY3ODlBQkNERUZHAQA=

-----=\_NextPart\_000\_0006\_01BE3E2B.71FEEA80--

To reply privately, send message to "Betty Lou Whaley" <enbwhaley@jps.net>

>From owner-weavetech@List-Server.net Tue Jan 12 14:34:14 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id OAA08697; Tue, 12 Jan 1999  
14:34:14 -0700 (MST)  
Received: from buffy.tpgi.com.au (buffy.tpgi.com.au [203.12.160.34]) by  
salmon.esosoft.net (8.8.5) id OAA08662; Tue, 12 Jan 1999 14:34:07 -0700 (MST)  
Received: (from smtpd@localhost)  
by buffy.tpgi.com.au (8.8.7/8.8.7) id IAA29947  
for <WeaveTech@List-Server.net>; Wed, 13 Jan 1999 08:37:10 +1100  
Message-Id: <199901122137.IAA29947@buffy.tpgi.com.au>  
Received: from syd-56K-102.tpgi.com.au(203.58.12.102), claiming to be "signup"  
via SMTP by buffy.tpgi.com.au, id smtpda29938; Wed Jan 13 08:37:03 1999  
From: "Jo Martins" <jmartins@tpg.com.au>  
To: <WeaveTech@List-Server.net>  
Subject: Bad Shed Genies  
Date: Wed, 13 Jan 1999 08:39:49 -0800  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1161  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Good morning all,

My New Years resolution was to delurk in 1999. I tried earlier by was bounced because of an extra period in my reply url (computing develops strange language.) I have been weaving for about 13 years, the last 10 in the Washington DC area where I made many dear friends. My weaving circle has shrunk alarmingly since moving back to Australia which has made the existence of this list important to my sanity. I weave on a 16 shaft, AVL compu-dobby.

The discussion about the size of the shed in doup leno prompted me to try again. When I first got my loom I wove a series of scarves in leno. The shed was narrow but I was keen so wound on another warp. Suddenly the shed was just great. Those scarves were woven off quickly before the bad shed genie returned. It wasn't until I was tying on yet again that I discovered the reason for the change. I had neglected to route the warp over the back beam from the sectional warp beam to the heddles. So the warp slopped up sharply to the heddles instead of going horizontally.

This treatment didn't hurt the loom as far as I can see. Has anybody else stumbled onto this solution?

# WeaveTech Archive 9901

Yours, Prue Hill in Sydney where it is hot and sunny (again.)

To reply privately, send message to "Jo Martins" <jmartins@tpg.com.au>

>From owner-weavetech@List-Server.net Tue Jan 12 17:10:22 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA15933; Tue, 12 Jan 1999 17:10:22 -0700 (MST)  
Received: from mtiwmhc01.worldnet.att.net (mtiwmhc01.worldnet.att.net [204.127.131.36]) by salmon.esosoft.net (8.8.5) id RAA15925; Tue, 12 Jan 1999 17:10:21 -0700 (MST)  
Received: from default ([12.79.166.165]) by mtiwmhc01.worldnet.att.net (InterMail v03.02.05 118 121 101) with SMTP id <19990113000959.EFNG16888@default> for <weavetech@List-Server.net>; Wed, 13 Jan 1999 00:09:59 +0000  
Message-ID: <000a01be3ea2\$1144d3e0\$a5a64f0c@default>  
From: "Jane Nott" <janenott@worldnet.att.net>  
To: <weavetech@List-Server.net>  
Date: Tue, 12 Jan 1999 19:08:17 -0800  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

SET WEAVETECH-DIGEST NOMAIL janenott@worldnet.att.net END

To reply privately, send message to "Jane Nott" <janenott@worldnet.att.net>

>From owner-weavetech@List-Server.net Tue Jan 12 18:35:28 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA04366; Tue, 12 Jan 1999 18:35:28 -0700 (MST)  
Received: from haliburtonhighlands.com (unix.haliburtonhighlands.com [207.61.107.2]) by salmon.esosoft.net (8.8.5) id SAA04344; Tue, 12 Jan 1999 18:35:24 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host unix.haliburtonhighlands.com [207.61.107.2] claimed to be haliburtonhighlands.com  
Received: from bbs.halhinet.on.ca.halhinet.on.ca (ppp62.haliburtonhighlands.com [207.61.107.62]) by haliburtonhighlands.com (8.9.1/8.8.7) with SMTP id UAA19272 for <WEAVETECH@LIST-SERVER.NET>; Tue, 12 Jan 1999 20:36:22 GMT  
Message-ID: <019f01be3e95\$acbefec0\$616b3dcf@bbs.halhinet.on.ca.halhinet.on.ca>  
From: "Judy" <jchapman@halhinet.on.ca>  
To: <WEAVETECH@LIST-SERVER.NET>  
Subject: New member  
Date: Tue, 12 Jan 1999 20:38:07 -0500  
MIME-Version: 1.0  
Content-Type: multipart/alternative; boundary="====\_NextPart\_000\_0198\_01BE3E6B.764049A0"  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.5  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

# WeaveTech Archive 9901

This is a multi-part message in MIME format.

-----\_NextPart\_000\_0198\_01BE3E6B.764049A0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello Everyone,

I have just subscribed to your list and I am delighted to learn about = it. I was a member of the 'other' list but could not keep up with it and = so did not learn about this new list until recently.

A little about me. I have been a handweaver for 22 years, completed the = Ontario Handweavers & Spinners Certificate Course and have been = exploring tabletweaving the last two years, particularly the = double-faced 3/1 twill designs. I enjoy exploring lace & seersucker, = collapse weaves, fashion weaving and have written articles for several = textile magazines. I have taught weaving at a local community college in = Haliburton and soon one in Belleville. As publications chair for the OHS = Bulletin, I write a regular column called "Net News for Fibre Folk" (why = did I take so long to find you? ;-)) and I am on the Fashion Show = committee for the upcoming WEBS '99 Conference at Geneva Park, Orillia = Ontario.

I am looking forward to sharing with you my thoughts and explorations.  
Judy

<http://www.geocities.com/Paris/Metro/1117>

-----\_NextPart\_000\_0198\_01BE3E6B.764049A0  
Content-Type: text/html;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">  
<HTML>  
<HEAD>
```

```
<META content=3Dtext/html;charset=3Diso-8859-1 =  
http-equiv=3DContent-Type>  
<META content=3D'"MSHTML 4.72.3110.7"' name=3DGENERATOR>  
</HEAD>
```

```
<BODY bgColor=3D#ffffff>
```

```
<DIV><FONT color=3D#000000 size=3D2>Hello Everyone,</FONT></DIV>
```

```
<DIV><FONT color=3D#000000 size=3D2></FONT><FONT size=3D2>I have just =  
subscribed to=20
```

```
your list and I am delighted to learn about it. I was a member of the =  
'other'=20
```

```
list but could not keep up with it and so did not learn about this new =  
list=20
```

```
until recently.</FONT></DIV>
```

```
<DIV><FONT size=3D2>A little about me. I have been a handweaver for 22 =  
years,=20
```

```
completed the Ontario Handweavers & Spinners Certificate Course and =  
have=20
```

```
been exploring tabletweaving the last two years, particularly the =  
double-faced=20
```

```
3/1 twill designs. I enjoy exploring lace & seersucker, collapse =  
weaves,=20
```

```
fashion weaving and have written articles for several textile magazines. =  
I have=20
```

```
taught weaving at a local community college in Haliburton and soon one =  
in=20
```

```
Belleville. As publications chair for the OHS Bulletin, I write a =  
regular column=20
```

# WeaveTech Archive 9901

called "Net News for Fibre Folk" (why did I take so long to =  
find you?=20  
;-) and I am on the Fashion Show committee for the upcoming WEBS '99 =  
Conference=20  
at Geneva Park, Orillia Ontario.</FONT></DIV>  
<DIV><FONT size=3D2></FONT><FONT color=3D#000000 size=3D2>I am looking =  
forward to=20  
sharing with you my thoughts and explorations.</FONT></DIV>  
<DIV><FONT color=3D#000000 size=3D2></FONT><FONT =  
size=3D2>Judy</FONT></DIV>  
<DIV><FONT size=3D2></FONT>&nbsp;</DIV>  
<DIV><FONT size=3D2></FONT><FONT color=3D#000000 size=3D2><A=20  
href=3D"http://www.geocities.com/Paris/Metro/1117">http://www.geocities.c  
om/Paris/Metro/1117</A></FONT></DIV></BODY></HTML>

-----\_NextPart\_000\_0198\_01BE3E6B.764049A0--

To reply privately, send message to "Judy" <jchapman@halhinet.on.ca>

>From owner-weavetech@List-Server.net Tue Jan 12 18:36:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA05031; Tue, 12 Jan 1999  
18:36:49 -0700 (MST)  
Received: from burgoyne.com (burgoyne.com [209.197.0.8]) by salmon.esosoft.net (8.8.5) id  
SAA04987; Tue, 12 Jan 1999 18:36:45 -0700 (MST)  
Received: from moms233 (pmfy16.burgoyne.com [209.197.5.120])  
by burgoyne.com (8.8.7/8.8.6) with SMTP id SAA10007  
for <weavetech@List-Server.net>; Tue, 12 Jan 1999 18:36:53 -0700  
Message-ID: <003e01be3e94\$4f597fe0\$053f3fc8@moms233>  
From: "Judie Eatough" <jeatough@cougar.netutah.net>  
To: <weavetech@List-Server.net>  
Subject: Re: SPECK BOOK  
Date: Tue, 12 Jan 1999 18:30:30 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Betty,

Fun draft. I like the combination of twill and basket weave. I have not  
seen this structure before.

This sounds like a fun book. Does it have a lot of Speck designs? Is it  
still in print?

If you want the file to save as a wif file, then when you are saving the  
file, after changing to saving in the wif format, you must also type in the  
.wif extension to the file name. You will then see the wif save screen --  
that lets me know that I did save it as a wif file. <gg>

Judie

To reply privately, send message to "Judie Eatough" <jeatough@cougar.netutah.net>

## WeaveTech Archive 9901

>From owner-weavetech@List-Server.net Wed Jan 13 08:18:51 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA15192; Wed, 13 Jan 1999 08:18:51 -0700 (MST)  
Received: from mail.mc.net (mail.mc.net [209.172.128.4]) by salmon.esosoft.net (8.8.5) id IAA15181; Wed, 13 Jan 1999 08:18:50 -0700 (MST)  
Received: (qmail 27133 invoked from network); 13 Jan 1999 15:20:07 -0000  
Received: from tntmodem2-173.mc.net (HELO Butler-Home.cl.na.sb.com) (209.172.134.173) by mail.mc.net with SMTP; 13 Jan 1999 15:20:07 -0000  
Message-ID: <007a01be3f1a\$08978580\$ad86acd1@Butler-Home.cl.na.sb.com>  
From: "Al and Su Butler" <apbutler@mc.net>  
To: <weavetech@list-server.net>  
Subject: Re: Bad Shed Genies  
Date: Wed, 13 Jan 1999 09:27:44 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
X-Spam-Rating: mail.mc.net 1.6.1 0/1000/N  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> My New Years resolution was to delurk in 1999.

HI Prue...glad to see you delurking...and glad to know where you are now located!  
Su :-)

To reply privately, send message to "Al and Su Butler" <apbutler@mc.net>

>From owner-weavetech@List-Server.net Wed Jan 13 16:51:46 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA13957; Wed, 13 Jan 1999 16:51:46 -0700 (MST)  
Received: from imo17.mx.aol.com (imo17.mx.aol.com [198.81.17.7]) by salmon.esosoft.net (8.8.5) id QAA13953; Wed, 13 Jan 1999 16:51:45 -0700 (MST)  
From: Weavaway@aol.com  
Received: from Weavaway@aol.com by imo17.mx.aol.com (IMOV18.1) id WMAKa03212 for <weavetech@List-Server.net>; Wed, 13 Jan 1999 18:51:00 -0500 (EST)  
Message-ID: <f98f0bb2.369d3164@aol.com>  
Date: Wed, 13 Jan 1999 18:51:00 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: Air-Assist  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 214  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I am new to weavetech and very interested in hearing about air assist possibilities and from those who have used it. I was rear-ended by an 18 wheeler in October and am doing all the physical therapy bit and such. The knee is doing better, the shoulder is almost OK, and the neck still knows it suffers from whiplash. Very little weaving is going on at the moment. I discovered that 45 minutes made me sore all over the next day. All ideas and suggestions appreciated.

# WeaveTech Archive 9901

Weavaway@aol.com (Nancy Steward)

To reply privately, send message to Weavaway@aol.com

>From owner-weavetech@List-Server.net Wed Jan 13 17:23:52 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA20069; Wed, 13 Jan 1999 17:23:52 -0700 (MST)  
Received: from newmail.netbistro.com (secure.pgonline.com [204.239.167.4]) by salmon.esosoft.net (8.8.5) id RAA20058; Wed, 13 Jan 1999 17:23:49 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host secure.pgonline.com [204.239.167.4] claimed to be newmail.netbistro.com  
Received: (qmail 10359 invoked by alias); 14 Jan 1999 00:23:51 -0000  
Received: (qmail 10333 invoked from network); 14 Jan 1999 00:23:49 -0000  
Received: from ip124.dialup.pgonline.com (HELO setup) (204.239.167.124) by newmail.netbistro.com with SMTP; 14 Jan 1999 00:23:49 -0000  
Message-ID: <004801be3f53\$083fffc0\$7ca7efcc@setup>  
From: "Darlene Mulholland" <darmul@netbistro.com>  
To: "weavetech" <weavetech@list-server.net>  
Subject: airassist  
Date: Wed, 13 Jan 1999 16:15:02 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2110.0  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I've got an AVL 24 shaft with the Compu-dobby 2 and I added the air assist when I went to 24 shafts. I had a badly sprained ankle when I was picking up my extra shafts and that made me decide not to try and lift all those shafts. I think it was a good decision.

I only have the air assist to lift the shafts not on the fly shuttle but I'm really pleased with how it works. I don't think twice about doing a 24 shaft summer and winter or huck lace. I will eventually add air to the fly shuttle but it isn't a major priority to me at this time.

Darlene Mulholland  
darmul@netbistro.com  
<http://www.pgmoneysaver.bc.ca/weaving/>

To reply privately, send message to "Darlene Mulholland" <darmul@netbistro.com>

>From owner-weavetech@List-Server.net Wed Jan 13 17:57:45 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA29106; Wed, 13 Jan 1999 17:57:45 -0700 (MST)  
Received: from buffy.tpgi.com.au (buffy.tpgi.com.au [203.12.160.34]) by salmon.esosoft.net (8.8.5) id RAA29096; Wed, 13 Jan 1999 17:57:41 -0700 (MST)  
Received: (from smtpd@localhost) by buffy.tpgi.com.au (8.8.7/8.8.7) id MAA11005 for <WeaveTech@List-Server.net>; Thu, 14 Jan 1999 12:00:43 +1100  
Message-Id: <199901140100.MAA11005@buffy.tpgi.com.au>  
Received: from syd-56K-246.tpgi.com.au(203.58.12.246), claiming to be "signup" via SMTP by buffy.tpgi.com.au, id smtpda10968; Thu Jan 14 12:00:38 1999  
From: "Jo Martins" <jmartins@tpg.com.au>  
To: <WeaveTech@List-Server.net>  
Subject: Hem Holes

# WeaveTech Archive 9901

Date: Thu, 14 Jan 1999 12:04:21 -0800  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1161  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Gy'day,

I have been rewarded for delurking by hearing from friends whose urls were not in the address book. So shall continue my conversation with you'all.

My loom is weaving well but its computer is on its last legs -- a nine year old, 386 probably deserves to be retired. I am in the middle of a warp for the local napkin exchange. Last I heard there were five of us signed up, which will give US listers an appreciation of the size of the pond weavers are in on this side of the Pacific.

The warp is threaded in 2 blocks of 5shaft satin with a border of straight, 4 shaft twill. I designed it this way because I like my napkins (really called serviettes) to have a proper hemmed edge with a little drawn thread accent to the hem. In order to account for the difference in take up in the satin and twill areas, I "pegged" basket weave on these borders. Looked good on the computer.

And as I wove, like magic, a row of holes, all ready for the drawn thread work, appeared between the border and the body. Imagine how pleased I was to have this unforeseen result. The holes appear because I am unweaving part of some rows, in the basket weave area, so creating an internal selvedge periodically.

Then the computer stalled, had to visit the man, came home no better, and was forced back to work to finish off that warp. I quickly repegged and set to. Imagine my surprise when I got two rows of neat holes at each border (on alternate sides of the outermost block of satin.)

"Pride goes before the fall" -- how many times will I have to prove that to myself! How will I make a design feature out this latest weaving glitch?

Prue Hill where it is finally raining  
jmartins@tpg.com.au

To reply privately, send message to "Jo Martins" <jmartins@tpg.com.au>

>From owner-weavetech@List-Server.net Wed Jan 13 19:27:46 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA18865; Wed, 13 Jan 1999 19:27:46 -0700 (MST)  
Received: from haliburtonhighlands.com (unix.haliburtonhighlands.com [207.61.107.2]) by salmon.esosoft.net (8.8.5) id TAA18830; Wed, 13 Jan 1999 19:27:35 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host unix.haliburtonhighlands.com [207.61.107.2] claimed to be haliburtonhighlands.com  
Received: from bbs.halhinet.on.ca.halhinet.on.ca (ppp99.haliburtonhighlands.com [207.61.107.99])  
by haliburtonhighlands.com (8.9.1/8.8.7) with SMTP id VAA05637  
for <weavetech@List-Server.net>; Wed, 13 Jan 1999 21:28:35 GMT  
Message-ID: <016401be3f66\$222644e0\$256b3dcf@bbs.halhinet.on.ca.halhinet.on.ca>  
From: "Judy" <jchapman@halhinet.on.ca>  
To: <weavetech@List-Server.net>  
Subject: Re: airassist  
Date: Wed, 13 Jan 1999 21:18:57 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

# WeaveTech Archive 9901

X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.5  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Darlene,  
Do you mind explaining how the air assist works?  
Judy

-----Original Message-----

From: Darlene Mulholland <darmul@netbistro.com>  
To: weavetech <weavetech@List-Server.net>  
Date: Wednesday, January 13, 1999 2:25 PM  
Subject: airassist

>I've got an AVL 24 shaft with the Compu-dobby 2 and I added the air assist  
>when I went to 24 shafts. I had a badly sprained ankle when I was picking  
up  
>my extra shafts and that made me decide not to try and lift all those  
>shafts. I think it was a good decision.  
>  
> I only have the air assist to lift the shafts not on the fly shuttle but  
>I'm really pleased with how it works. I don't think twice about doing a 24  
>shaft summer and winter or huck lace. I will eventually add air to the fly  
>shuttle but it isn't a major priority to me at this time.  
>  
>Darlene Mulholland  
>darmul@netbistro.com  
><http://www.pgmoneysaver.bc.ca/weaving/>  
>  
>  
>To reply privately, send message to "Darlene Mulholland"  
<darmul@netbistro.com>  
>

To reply privately, send message to "Judy" <jchapman@halhinet.on.ca>

>From owner-weavetech@List-Server.net Thu Jan 14 06:32:46 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA07630; Thu, 14 Jan 1999  
06:32:46 -0700 (MST)  
Received: from imo27.mx.aol.com (imo27.mx.aol.com [198.81.17.71]) by salmon.esosoft.net  
(8.8.5) id GAA07625; Thu, 14 Jan 1999 06:32:45 -0700 (MST)  
From: TBeau1930@aol.com  
Received: from TBeau1930@aol.com  
by imo27.mx.aol.com (IM0v18.1) id UXBHa06035  
for <weavetech@List-Server.net>; Thu, 14 Jan 1999 08:32:03 -0500 (EST)  
Message-ID: <fa61df93.369df1d3@aol.com>  
Date: Thu, 14 Jan 1999 08:32:03 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: Cut and uncut pile  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 205  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

# WeaveTech Archive 9901

Hi Betty Lou, Ingrid and List :

<>

When the loops are left uncut in warp pile fabrics they are usually referred to as terry, boucle or frise pile.

When the loops are left uncut in filling(weft) pile fabric they are usually referred to as moleskin, beaverteen, swansdown or canton

The type of fiber(wool, cotton, etc) and the fabric construction and finish usually determined the designation.

Keep those beaters moving, its good for our wellness

Tom Beaudet

To reply privately, send message to TBeau1930@aol.com

>From owner-weavetech@List-Server.net Thu Jan 14 11:46:16 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA17692; Thu, 14 Jan 1999 11:46:16 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id LAA17667; Thu, 14 Jan 1999 11:46:13 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id NAA10054  
for <weavetech@List-Server.net>; Thu, 14 Jan 1999 13:46:17 -0500 (EST)  
Date: Thu, 14 Jan 1999 13:46:17 -0500 (EST)  
Message-Id: <199901141846.NAA10054@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: MULTIPLE SCARF WIDTHS  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 08:48 PM 1/11/99 -0500, you wrote:

>Neither system was fun to weave on, due to the shallowness of one of the  
>sheds. I've got a set of those heddles on 2 of my Macomber harness  
>frames, but rarely use it.

REPLY:

When I find it, I will post a message with references which illustrates the various ways a doup system is arranged regrdless of the loom. Unfortunately, the best reference for this is in German but I'll post it anyway since even without being able to read the text, the illustrations are very clear.

We never experienced shed problems in weaving with a doup setup either on handlooms or powerlooms. Many handloom weavers expect and attempt to obtain a larger shed geometry than is possible or even required. Our shed geometry for any loom was essentially a function of the shuttle cross section. We

## WeaveTech Archive 9901

aimed for a shed height 1/8" more than the height of the front wall of the shuttle with the shuttle placed firmly against the reed and down on the race plate, measured with the lay in the back center position and the fell line something less than 10" from the reed. I would have to look back into my old notes to recall exactly the reed/fell distance.

>Should we have gotten your book, to see how to correctly hook up this >system?

Possibly, but since this information is described in such excellent detail elsewhere, I only illustrated the function of the doup heddles.

>Bonni in Jersey City, NJ

AAF  
ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Thu Jan 14 13:51:36 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id NAA16643; Thu, 14 Jan 1999 13:51:36 -0700 (MST)  
Received: from smtp1.erols.com (smtp1.erols.com [207.172.3.234]) by salmon.esosoft.net (8.8.5) id NAA16634; Thu, 14 Jan 1999 13:51:34 -0700 (MST)  
Received: from default (209-122-214-138.s392.tnt3.lnh.md.dialup.rcn.com [209.122.214.138])  
by smtp1.erols.com (8.8.8/8.8.5) with SMTP id PAA08964  
for <weavetech@List-Server.net>; Thu, 14 Jan 1999 15:51:36 -0500 (EST)  
Message-ID: <369E662A.704F@erols.com>  
Date: Thu, 14 Jan 1999 15:48:26 -0600  
From: Chris & Debbie Orndorff <jeanluc@erols.com>  
Organization: Home Use  
X-Mailer: Mozilla 3.01C-KIT (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: digests  
References: <199812181100.EAA29543@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have read the directions but can't seem to get the digests I missed while gone over Christmas, can someone help me please? Sorry to be off topic. I sent it to Major...@list-server.net. and did the get ect. Deb at: jeanluc@erols.com thanks

To reply privately, send message to Chris & Debbie Orndorff <jeanluc@erols.com>

>From owner-weavetech@List-Server.net Thu Jan 14 16:37:09 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA25162; Thu, 14 Jan 1999

## WeaveTech Archive 9901

16:37:09 -0700 (MST)

Received: from newmail.netbistro.com (newmail.netbistro.com [204.239.167.35]) by salmon.esosoft.net (8.8.5) id QAA25157; Thu, 14 Jan 1999 16:37:08 -0700 (MST)

Received: (qmail 7639 invoked by alias); 14 Jan 1999 23:37:06 -0000

Received: (qmail 7619 invoked from network); 14 Jan 1999 23:37:04 -0000

Received: from ip124.dialup.pgonline.com (HELO unknown) (204.239.167.124)

by newmail.netbistro.com with SMTP; 14 Jan 1999 23:37:04 -0000

Message-ID: <MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>

In-Reply-To: <199901141100.EAA12971@salmon.esosoft.net>

References: Conversation <199901141100.EAA12971@salmon.esosoft.net> with last message <199901141100.EAA12971@salmon.esosoft.net>

X-MSMail-Priority: Normal

X-Priority: 3

To: weavetech@List-Server.net

MIME-Version: 1.0

From: "Laura Fry" <laurafry@netbistro.com>

Subject: Re: air assist

Date: Thu, 14 Jan 99 13:35:17 PST

Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"

Content-Transfer-Encoding: quoted-printable

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

I, too, have the air assist, but I put it onto the fly shuttle as that was causing me the most grief. I have two whip lash injuries, scoliosis, TMJ, etc., etc., and some days I could barely weave for the pain.

The air assist has greatly reduced the physical load on my body. Because the treadle air assist was a pittance compared to the fly shuttle, I sprang for both.

You need a fairly large (and noisy) air compressor which supplies air under pressure to the various working parts - The doobby arm or knife, and the fly shuttle pickers. I opted for foot switches for both, so one foot activates the shed, the other the fly shuttle.

The compressor does not run all the time, but often enough that hearing protection is IMHO recommended. But I used hearing protection before that anyway. : )

You can get an auger type compressor, but they are *very* expensive. If the noise factor is a huge problem, it might be the way to go. My studio is in the basement of my house, and really isn't all that noisy upstairs - it doesn't interfere with DH watching tv etc.

Laura Fry

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Thu Jan 14 17:14:45 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA03598; Thu, 14 Jan 1999

# WeaveTech Archive 9901

17:14:45 -0700 (MST)

Received: from imo15.mx.aol.com (imo15.mx.aol.com [198.81.17.5]) by salmon.esosoft.net (8.8.5) id RAA03585; Thu, 14 Jan 1999 17:14:43 -0700 (MST)

From: AmyFibre@aol.com

Received: from AmyFibre@aol.com

by imo15.mx.aol.com (IM0v18.1) id PBBVa03539

for <weavetech@List-Server.net>; Thu, 14 Jan 1999 19:10:55 +1900 (EST)

Message-ID: <fe76f037.369e878f@aol.com>

Date: Thu, 14 Jan 1999 19:10:55 EST

To: weavetech@List-Server.net

Mime-Version: 1.0

Subject: ADMIN - Re: digests

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

X-Mailer: AOL 4.0 for Windows 95 sub 226

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

> I have read the directions but can't seem to get the digests I missed  
> while gone over Christmas, can someone help me please?

I am going to reply to this question to the whole list as there seems to be a flurry of similar questions as people return from the holidays.

First of all, we have very limited free archive space, so a decision was made last fall to not archive the digests, but only to archive monthly. What this means is that you can no longer retrieve archives by digest, but you can get the same information in one larger file that groups all messages chronologically by month.

Here are the commands for majordomo. All of the commands below should be sent to <majordomo@list-server.net>.

To find out what files are available:

```
INDEX WEAVETECH  
END
```

That will return a reply from majordomo that looks something like this:

```
>>>> index weavetech  
total 796  
-rw-r--r-- 1 sellsafe vuser 4288 Jan 14 04:00 CONTENTS  
-rw-r--r-- 1 sellsafe vuser 4904 Jan 14 04:00 TOPICS  
-rw-rw---- 1 sellsafe vuser 52509 Dec 31 18:28 weavetech.9812  
-rw-rw---- 1 sellsafe vuser 329461 Jan 14 16:37 weavetech.9901  
>>>> end  
END OF COMMANDS
```

The file names are the last part of each line, ie. "weavetech.9812" is the file that holds all the messages posted to the list in December; "weavetech.9901" is everything so far in January (and more will be added until that file is finished at the end of this month).

To request, for example, the December archives, the command is:

```
GET WEAVETECH WEAVETECH.9812  
END
```

Note: yes, "weavetech" is repeated twice in the above command. The first designates the name of the list since list-server's majordomo is handling many lists, not just ours. And the 2nd "weavetech" is the first part of the

# WeaveTech Archive 9901

filename.

Hope this answers all your questions. BTW -- if you subscribed to WeaveTech early on, ie. October/November, you may want to download a new "info" file as there were a few typos in the original. To do so, the command to majordomo is:

INFO WEAVETECH  
END

If you have any more questions (any of you! <g>), please e-mail me privately at <amyfibre@aol.com>. I try to keep this admin stuff off the list wherever possible.

Amy  
amyfibre@aol.com

To reply privately, send message to AmyFibre@aol.com

>From owner-weavetech@List-Server.net Thu Jan 14 17:52:07 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA12957; Thu, 14 Jan 1999 17:52:07 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id RAA12932; Thu, 14 Jan 1999 17:52:05 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to be mail.twave.net  
Received: from [208.215.196.122] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTTP id ma865968 for <weavetech@list-server.net>; Thu, 14 Jan 1999 19:52:06 -0500  
Message-Id: <3.0.5.32.19990114194856.007e11e0@twave.net>  
X-Sender: picnic@twave.net  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Thu, 14 Jan 1999 19:48:56 -0500  
To: weavetech@list-server.net  
From: "Diane B. Fields" <picnic@twave.net>  
Subject: Re: air assist  
In-Reply-To: <MAPI.Id.0016.0061757261667279303038303038@MAPI.to.RFC822>  
References: <199901141100.EAA12971@salmon.esosoft.net>  
<199901141100.EAA12971@salmon.esosoft.net>  
<199901141100.EAA12971@salmon.esosoft.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>You can get an auger type compressor,  
>but they are \*very\* expensive. If the noise  
>factor is a huge problem, it might be the  
>way to go. My studio is in the basement  
>of my house, and really isn't all that noisy  
>upstairs - it doesn't interfere with DH watching  
>tv etc.

Hi there Laura (Atlanta!)

I'm curious if you have the compressor in the basement. I know you are in a fairly cold area, but have you considered putting the compressor outside and running lines in? We have my pretty big compressor (bigger than I need, but we already owned it) outside my studio and we ran lines in and its not bad. We also put a baffling area around the compressor. I guess if you live in town near another house this might be a problem but we are

## WeaveTech Archive 9901

on 20 acres. Just a thought for others-I'm sure you've already considered this.

Diane

---

Diane B. Fields  
Designer/colorist/weaver of interior textiles  
picnic@twave.net

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Thu Jan 14 18:24:56 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA22188; Thu, 14 Jan 1999 18:24:56 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id SAA22181; Thu, 14 Jan 1999 18:24:55 -0700 (MST)  
Received: from authoriu (balto-ts1-port220.x-press.net [209.150.113.220]) by cpcug.org (8.9.1a/8.9.1) with SMTP id UAA05308 for <weavetech@List-Server.net>; Thu, 14 Jan 1999 20:25:01 -0500 (EST)  
Message-Id: <3.0.3.32.19990114202317.006c7cc4@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Thu, 14 Jan 1999 20:23:17 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Re: ADMIN - Re: digests  
In-Reply-To: <fe76f037.369e878f@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

```
>>>> index weavetech
>total 796
>-rw-r--r--  1 sellsafe  vuser    4288 Jan 14 04:00 CONTENTS
>-rw-r--r--  1 sellsafe  vuser    4904 Jan 14 04:00 TOPICS
>-rw-rw----  1 sellsafe  vuser   52509 Dec 31 18:28 weavetech.9812
>-rw-rw----  1 sellsafe  vuser  329461 Jan 14 16:37 weavetech.9901
>>>> end
```

Sorry for all the admin stuff, but let me add one thing to what Amy has said. If what Amy reproduced here is the total of what we have in the archive, this tells me that majordomo has already dumped October & November. We have contracted for only so much archive space, and when it fills up, earlier archives will be dumped.

However, at least for now, I'm running an archive backup system. If you want to read an archive file that has disappeared from majordomo, drop me a line and I'll send it to you. My archive files are the same as majordomo's--a month at a time, so they are very large files.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Thu Jan 14 19:17:44 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA06391; Thu, 14 Jan 1999 19:17:44 -0700 (MST)

## WeaveTech Archive 9901

Received: from wyellowstone.com (www.wyellowstone.com [206.26.87.34]) by salmon.esosoft.net (8.8.5) id TAA06381; Thu, 14 Jan 1999 19:17:41 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host www.wyellowstone.com [206.26.87.34] claimed to be wyellowstone.com  
Received: by wyellowstone.com from localhost (router,SLMail V2.6); Thu, 14 Jan 1999 19:22:22 -0700  
Received: by wyellowstone.com from wyellowstone.com (206.26.87.195::mail daemon; unverified,SLMail V2.6); Thu, 14 Jan 1999 19:22:21 -0700  
Message-ID: <369EA58F.DADA191A@wyellowstone.com>  
Date: Thu, 14 Jan 1999 19:18:55 -0700  
From: "Elizabeth tritthart" <Etritthart@wyellowstone.com>  
X-Mailer: Mozilla 4.5 [en] (Win95; I)  
X-Accept-Language: en  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: archive info  
References: <199901150124.SAA22221@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I know I was asked a question earlier about archiving info for this digest...  
Currently I have each digest by issue (the original form)  
If someone were to e-mail me the digest and tell me the issue (number) they were missing and supplied an e-mail address, I think I could send it out.

I am not sure how much space everyone is looking for...(i have been a trifle busy... sorry for the lapses.)  
Lets discuss your needs?

In the meantime I can answer requests for old digests..  
Eliz

To reply privately, send message to "Elizabeth tritthart" <Etritthart@wyellowstone.com>

>From owner-weavetech@List-Server.net Thu Jan 14 19:49:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA13625; Thu, 14 Jan 1999 19:49:53 -0700 (MST)  
Received: from newmail.netbistro.com (newmail.netbistro.com [204.239.167.35]) by salmon.esosoft.net (8.8.5) id TAA13585; Thu, 14 Jan 1999 19:49:43 -0700 (MST)  
Received: (qmail 7539 invoked by alias); 15 Jan 1999 02:49:49 -0000  
Received: (qmail 7526 invoked from network); 15 Jan 1999 02:49:47 -0000  
Received: from ip178.dialup.pgonline.com (HELO unknown) (204.239.167.178) by newmail.netbistro.com with SMTP; 15 Jan 1999 02:49:47 -0000  
Message-ID: <MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>  
In-Reply-To: <199901150124.SAA22221@salmon.esosoft.net>  
References: Conversation <199901150124.SAA22221@salmon.esosoft.net> with last message <199901150124.SAA22221@salmon.esosoft.net>  
X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <laurafry@netbistro.com>  
Subject: Re: air compressor  
Date: Thu, 14 Jan 99 18:43:54 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

# WeaveTech Archive 9901

We live in a residential neighbourhood in a town which only recently "allowed" home based business. If the neighbours complain, a home based business can be shut down (noise nuisance factor).

The compressor is noisy, but not all that noisy - as I said, it doesn't interfere with DH's tv watching. : )

Laura Fry

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Thu Jan 14 21:18:12 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id VAA03940; Thu, 14 Jan 1999 21:18:12 -0700 (MST)  
Received: from smtp1.jps.net (smtp1.jps.net [209.63.224.236]) by salmon.esosoft.net (8.8.5) id VAA03931; Thu, 14 Jan 1999 21:18:11 -0700 (MST)  
Received: from fvjn5 (209-239-199-23.oak.jps.net [209.239.199.23])  
by smtp1.jps.net (8.8.5/8.8.5) with SMTP id UAA06182  
for <weavetech@List-Server.net>; Thu, 14 Jan 1999 20:18:20 -0800 (PST)  
Message-ID: <001501be403d\$1c36f8e0\$17c7efd1@fvjn5>  
From: "Betty Lou Whaley" <enbwhaley@jps.net>  
To: "weavetech" <weavetech@List-Server.net>  
Subject: WIF draft too big  
Date: Thu, 14 Jan 1999 20:10:37 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

This message with an attached .WIF draft was bounced by the Major - yet my previous message with attached .pww draft went through. Guess the WIF draft format is too verbose to travel this route, so I'll send the draft as a separate message.

The book that inspired my draft is: The SPECK BOOK An 18th Century Weaving Manuscript by Johann Ludwig Speck, Volumes One and Two, Transcribed & Drafted for The Modern Hand Weaver by Rebecca Emily Heil, Ginkgo Press, Freeland, WA 1994. It's available from: Rebecca Heil, 5250 Honeymoon Bay Road, Freeland, WA 98249-9712. The original manuscript is owned by the Philadelphia Museum of Art. Rebecca's transcription is beautifully printed, a handsewn labor of love. It has surprised me that no reviews or discussions on it have appeared in print. Some of the drafts have confounded me but it is a lovely puzzle book for those interested in pattern drafting.

My draft (damasse"?) combines half-tone twill with basket weave. In this twill structure each block is written on 4 shafts (A=1,2,3,4; B=3,4,5,6; C=5,6,7,8; D=7,8,1,2) This blurs the edges of the motifs and forms half-tones just like overshot. After much head-scratching, I worked out this method of drafting it because I just couldn't understand how to use Madelyn's system to construct drafts for 24 shafts. (See her article "'Colonial' Double Weave" in Weaver's, Issue 12, 1991 and my article

## WeaveTech Archive 9901

"HALFTONE TWILL; Four Blocks on Eight Shafts" in HANDWOVEN, Sept/Oct 1993, pp. 66-68.)

Combining half-tone twill with basket weave is my idea - a result of looking at the Speck drafts and trying to figure out how he might have woven them. I have woven samples and found this (damasse) structure to be sound. I wove it in 10/2 & 8/2 cotton, 30 epi with various closely beaten wefts of the same grist in wool, silk, rayon. The fabric would be fine for a medium-weight jacket and it has interesting iridescence that is confined to the blocks, rather chameleon-like in blue-greens and gold. It was not more iridescent than plain half-tone twill - it was less iridescent.

To reply privately, send message to "Betty Lou Whaley" <enbwhaley@jps.net>

>From owner-weavetech@List-Server.net Fri Jan 15 12:09:50 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA07331; Fri, 15 Jan 1999 12:09:50 -0700 (MST)  
Received: from smtp1.jps.net (smtp1.jps.net [209.63.224.236]) by salmon.esosoft.net (8.8.5) id MAA07323; Fri, 15 Jan 1999 12:09:49 -0700 (MST)  
Received: from fvjn5 (209-239-194-124.oak.jps.net [209.239.194.124])  
by smtp1.jps.net (8.8.5/8.8.5) with SMTP id LAA23977  
for <weavetech@List-Server.net>; Fri, 15 Jan 1999 11:09:54 -0800 (PST)  
Message-ID: <000301be40b9\$a8e8a960\$7cc2efd1@fvjn5>  
From: "Betty Lou Whaley" <enbwhaley@jps.net>  
To: "weavetech" <weavetech@List-Server.net>  
Subject: Speck's Snailtrail as .GIF  
Date: Fri, 15 Jan 1999 11:02:54 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

For Ruby who is currently without a weaving program - a GIF file of my draft!

To reply privately, send message to "Betty Lou Whaley" <enbwhaley@jps.net>

>From owner-weavetech@List-Server.net Fri Jan 15 12:13:36 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA08146; Fri, 15 Jan 1999 12:13:36 -0700 (MST)  
Received: from smtp1.jps.net (smtp1.jps.net [209.63.224.236]) by salmon.esosoft.net (8.8.5) id MAA08141; Fri, 15 Jan 1999 12:13:34 -0700 (MST)  
Received: from fvjn5 (209-239-194-124.oak.jps.net [209.239.194.124])  
by smtp1.jps.net (8.8.5/8.8.5) with SMTP id LAA25133  
for <weavetech@List-Server.net>; Fri, 15 Jan 1999 11:13:29 -0800 (PST)  
Message-ID: <001701be40ba\$29152960\$7cc2efd1@fvjn5>  
From: "Betty Lou Whaley" <enbwhaley@jps.net>  
To: "weavetech" <weavetech@List-Server.net>  
Subject: Speck's Snailtrail  
Date: Fri, 15 Jan 1999 11:06:27 -0800  
MIME-Version: 1.0  
Content-Type: multipart/mixed;  
boundary="-----\_NextPart\_000\_0014\_01BE4077.18E99640"  
X-Priority: 3

# WeaveTech Archive 9901

X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_0014\_01BE4077.18E99640  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here's a GIF file for Ruby who needs a weaving program that reads WIF!  
(Sorry I posted this without an attachment) This time I won't forget.

-----=\_NextPart\_000\_0014\_01BE4077.18E99640  
Content-Type: image/gif;  
name="Speckk's Snailtrail.GIF"  
Content-Transfer-Encoding: base64  
Content-Disposition: attachment;  
filename="Speckk's Snailtrail.GIF"

R0LGODdh1QNhAvcAAAAAAAAAQAAGAAA/wAgAAAgQAAGgAAg/wBAAABAQABAqABA/wBgAABgQABg  
gABg/wCAAACAQACAgACA/wCgAACgQACgGgACg/wDAAADAQADAgADA/wD/AAD/QAD/gAD//yAAACAA  
QCAAgCAA/yAgACAgQCAgGgCg/yBAACBAQCBAGCBA/yBgACBgQCBggCBg/yCAACCAQCCAgCCA/yCg  
ACCgQCCgGgCCg/yDAACDAQCDAgCDA/yD/ACD/QCD/gCD//0AAAEAAQEAAgEAA/0AgAEAgQEAggEAg  
/0BAAEBAQEBAgEBA/0BgAEBgQEBggEBg/0CAAECAQECAgECA/0CgAECgQECgGgECg/0DAAEDAQEDA  
gEDA/0D/AED/QED/gED//2AAAGAAQGAAGGAA/2AgAGAgQGAggGAg/2BAAGBAQGBAgGBA/2BgAGBg  
QGBggGBg/2CAAGCAQGCAGGCA/2CgAGCgQGCgGgGCg/2DAAGDAQGDAGGDA/2D/AGD/QGD/gGD//4AA  
AIAAQIAAgIAA/4AgAIAgQIAgGgIAG/4BAABAQIBAgIBA/4BgAIBgQIBggIBg/4CAAICAQICAgICA  
/4CgAICgQICgGgICg/4DAAIDAQIDAgIDA/4D/AID/QID/gID//6AAAKAAQKAAGKAA/6AgAKAgQKAg  
gKAg/6BAAKBAQKBAgKBA/6BgAKBgQKBggKBg/6CAAKCAQKCAgKCA/6CgAKCgQKCgGgKCg/6DAAKDA  
QKDAgKDA/6D/AKD/QKD/gKD//8AAAMAAQMAAGMAA/8AgAMAgQMAggMAg/8BAAMBAQMBAgMBA/8Bg  
AMBgQMBggMBg/8CAAMCAQMCAGMCA/8CgAMCgQMCgGgMCg/8DAAMDAQMDAgMDA/8D/AMD/QMD/gMD/  
//8AAP8AQP8AgP8A//8gAP8gQP8ggP8g//9AAP9AQP9AgP9A//9gAP9gQP9ggP9g//+AAP+AQP+A  
gP+A//+gAP+gQP+ggP+g///AAP/AQP/AgP/A////AP//QP//gP///yH5BAAAAAAAAALAAAAACVA2EC  
AAj/AP8JHEiwoMGDCBMqXMiwoC0HECNKnEixosWLGDnq3Mixo8ePIEOKHEmYPmTKFOqXMmYpcuX  
MGPKnEmzps2b0HPq3MmzP8+fQIMKHUq0qNGjSJMqXcq0qDOnUKNKnUq1qtWrWLNq3cq1q9evYMOK  
HUu2rNmzaN0qXcu2rdu3cOPKnUu3rt27ePPq3cu3r9+/gAMLHky4sOHDiBMrXsy4cdhhA4dBfjgZ  
ouTIBCs/1MxZYmfMLCt/ppw5sujSoEmHXjr6n2aHrV83HH05oujTBAEYBMBbd27fjOMLd0xbNsPb  
qTfjVm0ZNXpPHjv58utLa0JPDdp69uXTPzmsDCR/om3dB88PTq/83XBz86uewL3ffzL199frU  
51tPir319u+24RdgauLtJhB65I233oIMxjXBAwNBONAEEkkoEIURSoShQBb+s+FDHW74YIYIhVgh  
QR8SZCKJF07YYUIvnsjQihyikGOLF8bIkIgw6rjQidVO2FBv/yhYJJENJqkKwz32WKGTLIKo4pQR  
dWhlhD5eWSWVBj0AZZBg/uNjQWM6VCaWUWoJkZpi3tgmh2ce1GSUCPVmpG5ILqnnnLztRx+A3jGH  
3Z+uyTeUn8jdB2h/AgpQ3EKJzhcfoITqJxGCB5p3J5+cdkoVo9rN1miL/oLk4KM+gaqoo5TaZymL  
/7E6YKGhHicfqX/KmingZ726itSNEopZI4aukhN00C+iWNFKSKUblAJJYSrtDYSYG2azw3oYp0LP  
Vrumt8o+9CG1MyqUZ6YH/qruukGxaSaXXt4Yb5hmfhnuRNv0G26+2757LIV6ugtVvyXaS3CaXaob  
5sH0nofpkemyK/HEOI1bbJTYLkSjtA7x+0+3yBrbsLMbdVuitybLCE5EHO/8o70ZKxQswx4epKmu  
51Ks88489+zzz0AHLfTQRBcdL5cCJI100gI8wPTSTT/ttNJTezL101dfHTXVVFcNtdZgdy021kxv  
rXTZWxuN9tpYe63202xbLTXcdJ9Nt9xk17003nyHzXXbc9st+NZ9vL89uN99B3544F+nzXbeZkN9  
kABGV245vhMw/WDSmw+e+d0fC9D5g59rHbrZok9NutKjPy665g+UPnrWZYfe0eq3mw677KrTrvnu  
nrTue9az150657Gz3rvxs5deu/DAN1188MiDvjzrv1fv0fGwa4872qEjRPnL5JdfM00+H+444Kj7  
/Xfhi+u99/zGr99++pHPb7j7fLv0f9r7Q5vbxvY1ARLQf4+DH+T+J7X9pa+aimvc39pnwKSJz3wY  
/8xg0iQzjA120INL++AGmSYZEJpQACUKIQLFyMIWetCFI1ShCtN4QhnG8IYoXKENC7hDGPIQhyLk  
IQ1R6MMUDvGIRfwgEpWYxBqeMIgwXGIPQ+eJFJxikRkog6xSMSEjC+DYKxcFYu4xR8SsYxGZ0EV  
n8hEJa7RjGlsIxDXmEI4vpGMXPxhHa3IxjFqsY9ZHcMa5WjHHhLyHdc4SHVAMM9phGnkPzi5CQZ  
xkr+LHnee533uKe91W3yeZ3EZ0zwd7re8S6TpQTL8VbJObZ5cpSodCUMWak75ikvlqE8JSS1uUpP  
0LKVW3vL9FppS+ldT3rQCyXoupe9X2LPGgahp81P+kzCS70f+vrX/0qqED35W+A15Rf/fAHQAKS  
s4HX52fjAog+sldT3rQCyXoupe9X2LPGgahp81P+kzCS70f+vrX/0qqED35W+A15Rf/fAHQAKS  
Cy2oQvMIxUjOUY8ZKgfAWLQKWP0ho7kYhydKFGIErSiGH3kSR8qEGkG9KU6G+hBC6rSj95wj4Mk  
KU4badKL+nSnPp1oUFGa0ZAG8qhG7ehIbbpUh/J0o00FakJRGs0iUlWhLYWpVnkmU6AClaL/LGkU

# WeaveTech Archive 9901

jZjILXr0qniM6hPLetMWhtWoZ20iUmsKV7JStKdoVVRXH6pXpkZyIC7dqmA9RUH23T0dhKPFBAv/  
mzdrQi5/4oQn0CG7WPtZFnGK3efYwvLYBgoOaoU9rGmP51r95T0yCmRsYun50IJAc7Cw7VQtU6fL  
3Kkyd80c5fCYx81ekhJ8zBSm6oCrT0o907fW2+RuaWtcZBLTmc91Li9xe0zdVheY1kWe85qJ01Pe  
kpfF0+53bevPggQ2tuhdT1fzCtKcPrWtZk0qVZc6xJLYVa3wxa8Q6TrWRbo3rv+V7309at+5hrXA  
VmVrbc6b3garZ73vhaNcwrF/uqXvnb9aUTZ61T80vKtFp5rgP0LSETeVaoKxrBI3cpRPALWwTBu  
EITzK+EAnxikbrzXWVNM0fsWmMYJxvGMLUrIV4+aeKh4TXGR58tiv671iwy0sZQTA17vGh0X1IML  
LVPZzNwu97nklW7zvhu5L0/3gWaubW/H/Mnjhhe6swyvLnHLTDCj0bjZNS6btzfzmYIpyMLyEyGun  
TP9ov/yPteosp2Y/S87L4n0c7TxBPL5P/Shc9GNjSekGb3N0+7TgZZGrDW1KWp6V6k2ehs2s1iQS  
5UK70i4WFSqB2QvgHot4pe+VL14nr0ISC9jWHf4xhcsaZA23mMkRbuqwhZzFibT61dBey4WTV0iL  
+7jYaQWRVHm95BBzWkg/Bve3kwjiZIEQ1zcm8rT9SjFnr/vdZamyek+8Sy4Tc869fb0X63xmvS1X  
uP7m95fXXEt8LzOXdc73bMMc54LvG8sM/3ee9W1lPs/Wz2pWpaDdDe+OjyW0pu2sPEXrzWw60rK1  
NTXKQWvZScdN1SZveWUT+MCSm9PLK8c53jhLzdt/2jzVhjPbxj109LYs/M/X7TLxqmu7hNe04G20  
bp4BXmWJF/04XmY6nrcr9aZHVepKT+6W8Xx1MVccu0+f95yTyVx6h5njLy663M8Sa28vu6q9Vmux  
aVpuZmN71y0u048vLHgs7h3Z2ja3r7Ntd1x1de6QT8u6DezhvCP+1h2mMLEHj0G+qzvcjB886Afp  
ecajG8nxzTHqDdwQeF+9VUZrcwXvfn39jzklW5yDud6ZGhN0Uvn33ub47a33u29vW0Wzd/rnyY  
o9r5M3805Bzietb/yLT/+3Bfct1eW99vGyn+tsHnnY9I/3rw+u+vfs9X1JWPLfLfyXaLZ5x84ud  
nc525u324c/dWT6k+tcXgEkxasLHe5pWauZ0ary3fAvYaA2IaIxFasNnT6rGTca3aRLIfAyYaJfm  
WMLngZQGNlfzfwJYglrDeJ9X7SWdwjGX40na9sWeJhXV6G3YsAmbmy1X57Hd8d2bTIYbI3HEABO  
gkQ4FJ03Y9W2V8nmgkB2bjL4dzG4eIT3ZJV3g+TWYnV3emKVeKcYR61XhGD/GBUTx3519n3oZ4YW  
N3/id3FHh2UY135qOHfsCEoGF3ZtV4f513bQ5X1r0H/39nD2N3YQd2eDFndheIhiaHK824AKiIBA  
J2odWIE552nFRHwReIAT+GnSL2kQIKSBokJuImXBWqac1k8UKIr69E+TuIpMMWQ8mHhNKIVUKGvK  
LoM1aGxTCIWUL3i1ZmS/ll+zRmwsuII7yGReXrImBSuiHgwqHi+eIudZ4Uo+Iqjn40N14072Iwq  
uGFceFQtWGTfyFF8d4zJWIE5EWXLZaG0rl4K2SG24WI1AKHq62Is0yHmH1I4oloQzeG1MiIMMVojm  
GJA6IXueRoAFGGnsM4Eb/wiKvddpCwlyB+mQmXV7EEiRlIhZfFlzJPd8pLh7nCU50SSQIvkt2Vd2  
Zad+wwN+w3V1fRiI3cWS57eH6ddcbQiH26N2/IdwFXZ09Udx97dmTpdwVkeT4TM5I3mU0rGMAYZX  
sfiMKBiNUxiPNpiL/QiV2mh5ISaVKXh30iht4WhT46iKSDmWMOG0s3iV6UZf+JiN8miL03h584iV  
3RiXqreFbKmpRcWPpfdXXjSEZPmXG2GWQKiFa0Vta4mE7zhub6mX2EiP18iLgWaxiM131raEe/lk  
CgGqGLmZJTGGSId1ViaTaDh+stST3peHt80HMZmaX0ZLpFLMeMh+LYmacnEYh6a5fj3ZcLeLdYMY  
cJrp15wZnBZBgItokAzJiZ94iZ1Ic5umNjZ4aMc5iqKoe7b3e6hWianWgJFYka54ijzniZr5D8Ap  
n055cYe3l07VlPV4lnPJLXDpluxpeFUJelJlI0/ZU1+ZUfnpQ2E5nuX5n/8RIZiap452yY46ppZT  
CY/uyZiQ2W3tWXr3eKARqmGVCWRVYzfiCaA0hKqezVJhIe6aYf4V29BaXY4SYgkGnWeaZMMqocR  
F34oKmeAyJolepILKpsxuZMnimWu5Z8b+qPmhZGwqJDQx4GYBnzSZ5wJeXKlMHLB553ImaQaWHO+  
15FI+pExd5EIXWtV0qJqCFg+CqRiypMsWpNuB5ToB3WiuX8q2XVkr5RveqZsqnbY5XVrinVCyZvI  
Bac60YejuZLml5tLE5JiWqgVoZS5xpT+6JTxuZXcmKCK2aiFZJ/W+KCN+Yu02FDE6JWbCpbGmKGG  
GqqHwqLNCZlP0aGSiad/iQmfWkmNlPqq81lFh6mqLkMEFnqZTmWiorqr9aI4paVzHsicjwiKDzml  
0dd8GfmkqCiRQZeL2VL8EYmsXtqlmHaJUHQl7wSS5sWr3AojQ7mTEoeS+neHrQOTgmqHLxmoZbqb  
4uqSIBp/q+l+dNp/7Lqu6Aqidj+pavqaxyWW3fqvx0mIucp8A4uJ0Pms1mqKzomwB0uowvmd1Nmd  
GciRy7lyRfqBJ1edqWiu/9qx4kmquNiM6pmVdveVCvqq2prsaqhUcioWmynaqfMcufrn8qxHsut  
ArphhHlHhImhsgqprLqglNmpDup3sYpUs4qqTFah4nahmNmXN8urK6qiW+F6o1VLbZpKrsd0mjhq  
myzaov7bYB2tbF5tXf6hnJKr9mDrzCqXAJXoW5vRHbrQGbe87qsNRJsc8prJWWaBXLAI2Yies0  
naEIsck3y+bcLZ6krlbqNoqt3P/u6uIcoYkmlbr+bL4Gamt+p4qe7S0aakNep9QtZ8HNrN1J+R  
e70TS4vpuaiXW7KZG7Qo66rwubJEa486hbIwK4zgaLq41LaPl7r/mr0GRKCF0ZdJ+7mpW4VR+WG3  
C7JWuXmg5461uo9D62S5GrzCy6sQ0a3MCqUJC4J827iTxas/Cr6d6KxYypEo171H6l10uqTJZ3y0  
W7hX2qPbK7X1mrY+Wab5Kq+geYZzqrVuWlZgGqds26d1eq8LnIf8W5J8yn00Ca+1BaPnCbhmr8B  
ubpj1bqWS7K6G7vAJrS16ruMaruh26i7K5+9y7vi+KkZrMEiSbxAtLPF63fJi7RA/zvCswuXniuX  
RsuyOrx6k7m0tttq0uLpTuirDhUrDNeZrp6q8aaq0PsjD0shGQvy5Qfy840a9Rmy9t4qFTwuqTgyo  
YMu/XJubuInAaQa3f+qbKQpnbzfAZvuiMAnHMQqnNEq1Znine8avaFu25dVSMVzGrNiwktkG6nI  
+lS3JXe3BquIAGtzVup02DSJCvuw4vudjWzJxZm3D7i3g7zEhvyfHBxfHmxRrxvCo6u5JLYo+/mE  
P1y0n4e5rezCmBflv4tVZFzKQOrEFWa8PIu8PjvEtGvFzdtkV0nL0fuEOXxk1ZuX1/uLSqy9vqyh  
ZyzIsAmI/TuieyZhb/xZcWz0uBqUwBLMx3cszmKrx2a6r7Upojnqp7MzaGB6zf8b6r6HRAQdGb7m  
03tKyqXoy52+mr4Iub7a2aT43M8CLVLaytBLsQ35/KWEbM8aSqYPvJs/uX9W684mSbb1GsBnCBF0  
jIYNTIZs+L8ZDdKAbKNZ26cFTXEXLE2FTNEmMrt9cKqDMJTGYzIfLJXjMLLjLveCLu3zMKci.stJ  
hbo0jc3Qm45QvI60erx3ubzC1sMMGtTQSS58n/MyR+cXSHMbYW829vNTCSZBSWtAa69AAHT/Fyr4e  
uVreK63LyTTCcnNitb106xXmtADLaybzMgTZLNkdZgifdIkrbYuDagwba80bDraR8B+LEp+aNI5  
ec7vethSt7+X3dgzutEDvNL/Qu5g02WjnzJan2d9MuQCwm/4LmwokVzgwusozWiTywqB2JIThp  
i0u43pnWgS3Yo42UNa1UqUyFq7zTtdjTmzVKZXFQ0yoz2vLu0i6u0xU/RiWwB3cM9zUZ2nDNUzM  
RBzVVcy8Pi3UWgzdKdzF+UihR3yFYc1ImTnT2k10U0v05xzZ0zrBkP3N3SzP8eq1ApLYxv038xm  
IZ3f/01wetrFA9zY25fd8y2Qpd2c1vnJ9qu3DDu+jQzbs42dDqvbvL3aFhjbGP7aFrvbhtvbjiVr  
oh3hAjncRzuy3SjdPE3ey/3Ts2zez61srDzdM1u6SE2zLDXWL7cIPuKIuu6HDodss1t47KL487N  
zFp93EyuqUE05EbtqUMu30X/DnnA7IRPXaDiIcNFPN5VfCUMFeU6LuVSLNVLzLNM697UDN/W30UZ  
LKQIq88BXw4B9iMuFkKfDbRt8hRatBGS1p8veeGjnu+ndrEoF1g792PpIWvdmUrceurcedKP3aLi  
R1x7esAGbM57VtKfWcCX7rahTupnh9iW/dKVXtmE0ukbf0TMWLk5PeNE7eNPnsxQzsU5ntW5i9xW  
nuUyG+SnC80ybuTY5tS+GMXG70ZjXsJtqdy/DtTSq95THc10ddUfLE0kn0zJ+OXpue03bKdHtCxO

# WeaveTech Archive 9901

e0A8vubsDuzPPszZ7tXkDtZz7u11Du7IWN92fN/8+seb3qZxz0Bq08+t+c6Z/722A57Yvemi/47g  
fvqHC16T3tz0Dx7r+L6KE57JnuYI3VTitY2xoZzh8xSdIJ7iIr6lt22/86towcrbBmj4cnlFz9l  
MC7EMs5sNN7k6l7e1WjtsqzmKizCF9WLuJxTNWvXm1+E4n6pzg7N0I7u0r7DNl7tVA/02P7mbRXn  
pCFG2Ss+Mp/06aXvKGrG/Q7wWUvwbRvwAJ/g83bgCL+1Hg33fbzSDj/Zapz2E4/R6vybYI+IZr3o  
5bvyhavneS7bex2x1MrJ3+uRjo6tgV+cKp/yhM7PFX6+04f0fW+Cha3q83rwCp/G0WPPpR7ZMT2T  
LX3qMn2ACx/rG7Gop+nqAtu0uXH6f8e2q6v+f9gWPPYeP01n0s1vvM3TpVWX/XR7fs6b90tToxC  
zLpkiPsLuPsmCtVQ/8RYD8sc9spyfu3En95cXZfy/lbcfusxFN/OL4B/n63q2+i6R/gR7daHH/mL  
r/h0fde0Tf+F7ttwXfgQbT+Ur+gA8eCBAIIDCxoU8E/hwn8JGT6EGFHiRIoVLV7EmFHjRo4dPX4E  
GVLkSJlITZ5EmVLlSosPJhAUMMGgTJgIY8IU4BIImzZg6c+J8WRPOTJ8uZ+K0GbRnUKMEef7cuRNh  
0qlApTLl+TTp1YJWhUZ10jVrValhsRL9GtZsV7BsnXLN0TbtTbUF5dptq3V0TaV3ob7LC10iQ5b/  
hQ0fRpxY8WLGjR0/hvxYEE2DK93+zTm1smWbnZFuBn3Z88HQmedqPk3WrcD5LjFrr0xUdlrXrA+m  
Jp3bt0jWs0VTbq36b230qFclJ0759m/LBAdHh5d+nTq1a1fx04d5rBh23F2J8g9vHgB3MGX/56+  
PHnz49WHV99+/fbz6L27n48/v3z+58nvZy9A+gZczz//3rMPPv3qY/C9/xq8T8H+CF5wQgEXhDC/  
BB8ETz4NMwywQ+4sIiw7E09EMUUVV2SxxYoaTDDGEMfrEEEDRRQxwg1vxDDCB78zkMD+cuyxQBqL  
BLBGHUE8cEkHm4SRsfqI/JBCBoPE78clseTP/0YgjjzwohJdJLNM89EM001FfKpJ6/cXK0vouSc  
i86l7Bj0Kahk0qsuwC6z8ym62OITtZ8H3bNNvdrCrE84/xzLUUEDVTP2QqNCy1Gt8rUzzYbLevR  
St9cNC7BxFwzVVVXZbVVV0FKbrfXPmv0tLlx6y304DTrTbfffG3u1lx7RY5XYUlbjNcbWUW0V2Z  
Oy64XZcbVLZgraWV2uKmpTajMV8FN1xxxYXX0iufBNPDD00bUj8Z47tQw3ezxdlJdOud0cgPueTQ  
SX+r/HfHgCGc0F0p96VQYAv5xRddfc0jsVyJJ6a4YotJ0tdHHMGcV8J8/+uY3XhBPrhfejdG+JHk  
e61EgeAoH0754YjhpZJkh02Wt+Ei1YVS4SEjvjhroYcmutyXt7xXyaMFHhnmgl3WESmPR2Z45Z3Z  
81LjgZ30euEppcs5Y6pptRhmIUNEtHi12a77RrjPY4242zFvM5i/i/2qWWW5HW5v5vSm9l46rz1W  
WrurbfbX0ur+uzi/Cyc2WGT9hrvww799zm3NN+e8//PCRhX1TVPrwpRTQ0c0FFHTS/dr9TwtXavT  
0PMqSnTX+dK0UdRLLxX00m0ntajWg8fd075C1T0w0mHHyzmMMPc8eumnp36shH301+x2c876aZu1  
Ttlepl10Wmy0ozbb5fTRXdxlnDumOmGdU+b536mHAbp6/ffn3+2LZXQf1uw3tQF+LXzz02AAa1Y2  
7zGwawpLHwTb57T4eS1K+Bob0lQWwfulrX8fBGEIyfw/K5VvfQRcGocWCD4Ako9pk9xgA8+mtBNU  
jYUTvGEFJfilqW3MgT5MmgdFOEQiFtFMqotDux6FRLAoUSt6up2o7AQP1YCOdVWc4qBKBTrAOFES  
of/C10xGBYjkbF0qXsi8rSIRTByMyqXPONX4LhEpWjEeUbEYx71KJ3RIG5b0EqWtqrorGD9sXBz  
cxxvaoU3QqQscoiMDa4sBy3GBdJai0RbrJjlm9cEJ5KATCTjoEeRUe7RlKdEJcYwDLps4XB73zua  
DAuYQBPi7H7m05f6cKjLrrGvezqEHwy5t8qrIZCBI+JIKV05TGY2czAcVCAJDeg9CgrTmBisJTZf  
iMsuZ2CXs+Qgy6x5PVtm8IIz1CY6w9QRZTrTne80JRPnOC10SsqMZfye8uhYRn1GKnXDyeIU701P  
3g10d2L8VBQBWK80GpR4cWqjQB86R1DJUXi5G5TdHdsJT452LiCC6VrI0dHyfXRKJuzziR3A7i4  
BS6Llx1N4hpZrUr2UaUpBekj51rIQi60cJDUzUzhZKlKeANsjR0UqHl1nzzhKMxeK4mcZKdXUMfqT  
d0iZKj6b5zuxPJVSTLHd8TvvtoVT4ptpKoVa7epvdzpqk2dp3CSmVS61pV/5FSnun4ZwAfy1WCs  
d0ErtSnYwNqyr3gF5y5FJxsq4tKCEmyZL20ITFLa1bKXrV46J0tDJvm1sVaDws/Kmc3CetZk3dSs  
ZFMo2l7y6IDkHCxrS6tZ8UESf5jFbW7/14ZSns50cIwM6U9nM1SbmVrxMQ0uJ33KyJy6dJGGa+lv  
M3k3505LprKa3Eyx+9JgPU+33wXvxdSa1q9qNXludSJDkzi8sp40rhcdK+3Aytb2FrR0u/PifZMI  
PPk29L1mTSMV9btV9v5pJn4Kb4IVHC5NMrfBnzwkduFqR8opTpLGH56GKWLcY/3Uk9rK1ianK2Hh  
0lK7303pIjNZV08u2MUvVhNiavvaxYJWe8AsWWWxNe0xrRla2q/XmDm0oSyDT8oazJaYff/YiGdfZ  
yWWi7S1PaNpqi3JRiZsMUF7WgGm9sefDSeGxnnl0X5TY9AM4m2fvGY2mWuK68Xom5vY/zo5C/Is  
h5IogfG7yYBGtaqcyq+eY4fQ0q+RNOVmqdDr61C3iHtHQ602dn0P6Jq022dKXdoYGSQRkDqZYLHA7  
qXKBihrsdTBMiYcbzk76ssVd5CdTvGnSx155Ya1t7iLzmmile950lMpbYjT0rbCR9tsxNpH8K  
k23M1gaZ2f4isrG1+VgdA1uB7PR1trU9EmubkNjJgzK0AXtmIkv52Ib1Jo1lptgdN9vIIEaymTu4  
623X297PQ/M2p7z1Kr+WzNUG97K3/EMv01vGYC43bAsLxBj29drYvnfEJf6Q5m56w6nerouVuvMQ  
q9qnsW7pTZGr0+VIN+TZPfnIT8zhkGqHUtYlD3lXsdzHsk/c5hNfqan+1+kSvLrqt46vgdUqKayi  
1bzj1TnQ0UtW01eUwFLteT6PX16nn3ee6oX0U3FC75t3fdvd1ve3nyb2ekkbyeW0JpbRXfAoh5Xg  
4gZfmeF9Znk/fCMb9Xre/2Ec5bTvEtnr1uE1zx74vg0c3W7nWrpdu3b2xZbhtXV4mmud8qvm+1  
bC2VczhmXRqe8KQl92HJ704w74zvJ84CQkEm7vfvfKvt7yk4bvPOAZ6jE6nsxrzrHskMrrpvqeL  
7Yfu54Q+dKG1zz2eiU91R1NdiVXfc5xPhW/YV//Jmr4uyy1+LQ/HusQe79WsK3zhR5Lc1BDuzKs3  
rP7tozrCMEc/qyl88Znr2vXWx/+Cwb49s10J7PIbN4ELOc5rtw0yM4QTvQN808bKMRea0wGs08mz  
o/yjQPC6PH3z02UDvNMTLc/rMdATwMMbvcRKQBWYss5LPdbLq8h7IY/Au/8KhEF3kqfZiYh8Ej5E  
Mzql+71+ir5D0731+0H7UrQw4j0sK0LkizraI7SI8rNH6z3+mrS2qLkYpMK6qrjrEqqTkjmYA7mb  
8r6Y60JP4632e67eyrhW4zi2yD6cEsNRe7nzC6otzLW0mMIqtE0PyjkhxL2uMh6fk6ocNB3eo8Gi  
kzroyyo9HD5D9E0hEyun6sNCDMREjMS2urr3SjTMMlw71ERN2r9W2isbcyW4UzIP5CYNLBsFTDy2  
C7Noa8Bimx8C7EQcUbNNpMV3usBXyJx+27wTRD1y+zwMNLwS/LJ1E8ZpesU0TMH2WT11LMCJeMfa  
hMYiGsOaKs00iy4wtK5e5BoxU6u1+TtDNQs1bgTH46pGLHTD740K0aS/NRRHLUxD7m0xWyzGedQj  
pFPESZkvoaPEQBTEpFmoquhHRAyefGSi3yswrpEgFw6+qkIhDS+G1zEO+Mq8po+eaThi/8cogZb  
sXIURzGkNVzTRpTrJJDMMMWJP5CENUXyxu77SPpbSeCCjRMzw43jwwWrScbDyJwsoLg8n08MuP/7  
q7gjRbUrQPFbXSNTPIMbWax0LcGDQNWat8rSyan8qHzDxQHSPGoLPIXzxQ8ExrMrxrYbwSjBsqS  
xcf7GBZcMpykyrbsnxm8xIIMvuTbuSSswSNEyH8Cvt3jorm0y4PCyz30QSR8RCXES6tqPiaUHeiD  
M+W7IZf5RreUTKHbVlBrNXds0FfTMZuEv/DM72sSTLszPfwgvrKfOzTJX0yC0cTREDpZK8SSGa  
zNlSg57MpvAcNtX0xQcExBLcRfJ8NrL/FMGj9Bg5M2y00Z1isAwZEadE6hsU29gJZlA8phGsXB  
88q/00V1S8UaEktWPE4ATLLeXm61nMDnRM+hucW0xepd1Eo01KAQ/EXtXMGkFEvIhCz4PKceUr36  
7E/mbM70FNbxuUJdykLzQzLQ0z6YkjCR0zgzHzRvM9EhqrMmUGy4JJSozflCZHLXB6UZ1/Is6HNAR

# WeaveTech Archive 9901

JZc8FL6HpMvdk8iDhCLnywpCnMipA8QUxS+me7R7vFGIhEQbtapJVMz0CsgTjU2LJNEiZZXo5M6v  
DDfjFErsBM6BU84kfuDvXEVrXb4HdEryhMrWywxj9dIRskr2XK2szE9eRMAuffLfhDz70iw9KS1T  
f0NB/LTBhmM483TGL8XTcFLP98nFAew3xjtT+cx0U/RPKh10N8Ug/Wwh0WVG0v1P0+3SPJX/VFXp  
S75kvkj7Uuy1qLjEwUKEy6T71KCTS07NVOnDxyaUPVILTIkUzBX9R31qsUmV1TTRSM5czY4MrpOM  
Foxb0FkzSV791QkTufFrzdS81W1UxwXFUA510DeUFQSB1WiFsrEMNT38SWt9n1YU1DRFu/MZxu5k  
yu+0Un7B0uQ0wC1txoiITGL1+nY03TpU2raRTjtxW0LSih1VEMNyzZdPHNd1GRDSz6tU7Qh0nY1  
W0uoVCA8VVF1UeZJFFWtS8ckFBr0USJ0WEDzCyek2IlyIyjCWIb0y8Js1QAzTDZ6TKk82JTFjmmE  
x2p8w1wdMRBLTQNV0Yur0Get2QwtVnIc/02crb+YldAEbdbM7BbZVNmjJQ57jETn46+FBdK6dMiI  
1NSsY1i48FGD1pSzdgaBVk5iVqsLUwVJVkWhVFaRdqzjQwk/VYlTSfwbFI0vVc1baW1ndJwrVIm  
vc7dHM/t/LGovF00Bdy0DVOBHVP3fFNAjC/e7Fa2Vdx9PVS6PVx/LSFGJZtCbVRIvdfA1dzGYFn2  
izmYbFA5DMkJo9kLha6bRcecZTmZddnU/d11DNrVHdR5fFaIWNfNxd2SUFoe5Vp91NpRtVqy3dog  
Fd6F9F2wbb4eTN796trgzVrkHVtUZbSpPbDMzd3rTYxaJc1b48yphaseQ7FU07TRi7RtdFT7J7LM1  
2GxNXB1faxxWmXRFBY3fUotU7LVflcDXIp07L0XbWeK/x1VK/CxKcxvKcww0avXJscNW5HySv73f  
B/8+i fwVMPmNXMKd06sUTsd13Pkk1N+MW3brubru3htmlFXAUhpduF4BSGiIQNukRMTKe1XuWtwZGt  
2I/1XYtNK6+wPY2FWMMSM4cZUworS0Yh11YeEvdv4SqeCe11NY4ETE81SWBFQ/F9XexjXp7tA/L  
Ys90yWR9UHYk2pWb3+6yXiU242RSU7PT29CK0r5N034NYESV4MJz0rgtT0+cztXMYAbWGIVA4TMG  
ZD90Y23N1rDRUjf2NgC+TzmWWZqGWwNW2yUFxT0Wz4Xx40DGZDR0uH9LxsrN18sVUwRkU0VuZBBU  
XA7mLE/G4GAI00Q10/uwnkyWZTFRXZ5tHASV3TD/1NA0bdnqotAzBOMJ7WV0s9AIRc3wpUmTE9qP  
y8bTjceG+ONZfmATLV6eC1vp5cGqzWaqVZ1DXNoZ/UvmZUSphVGBolFtHsK10t68fCuo9cetoZhp  
lmeGyF81Dh/+bWP/xwNVTJGURXFz69GBIpt3XmD/W+BK3pFLnueFth655UqA/c81fdRQJcsZR3uBB  
HwBHDKG1pOgnaWVXemUTVmiGnmCJfmguc1h4HVgLRmh+vmhuReU5VumJZmmPNlxXptcmiWWSLUU  
BdVOHWIa3uYdTGdH0b6SHUzaG2IFnlkiPmohPudF0Gp7dEf5uYaFFGevt7KJF+YQk1m/UxbhdmR  
HAzNJi5rDH0WsqZdtfZqMcbZDsVVLZ5Z8IXn89T/avun5La1zoM0yry1V4H+57XTV4uW5HsmZD5m  
43NFZAC167v03Xd9GBE2p8g15EA9ZYyW6cgmBjce5a3kZAreT4m+YIINUMc+21DdYaCmS6FWNKI  
WPKPeS4VV6qjGYYj6L9u2wah27a1mnaq+WCDGam+JZt0W1QK15QJNw0mS3y10ZmykyTAew2D+3Ms5  
3+TOMDbc5dYFXW88UlwLUeEmbui5ufN0RTF5nSmSBg+im20YW+mbXXuZnLuJ6gLW/Ju0R9tWnZ+  
2j382nUd7vDG07zuv76eF7f168uGacweS1HmbL3G2ytd46g5ZH2WRbYEC0yFbNRi5ZsG6Zyu4LyK  
/+lS1uwGH2x+9uw4heg5FW1QrnALv3Dc7dzLjMptZqnuttm59uV0HN2a9Vlj9uWx11lhdrDXtffp  
V07ZbcMhLeMX39zd3RSm7VoZnkIbflVUdV50/p3mNR77lUHxewfgBe7e5sMVPW9BT08X/G8m91Im  
lr9j7V7UnRz1Xevv82K5MV9L7Wq5JqSWJFZ6vsyvt9mtd1ndnE1P+2BTuQ9NmhKJnByfeQCBjgB  
RjzrE5YgnDDrux81L/SdmBD19wM77IN91MS1lw+mtIB8vNLnFDPff6RemI7mgNwLwk9nTNZe1  
XNgX1m+rjsJ1PkTuzLifrmeoNtVdL3amzuGrvgzakGXVN4rtFq4jWq//9a12P7N28/eD4teU4jB+  
WT/fvWFt6y1+yWVZNWT19vd9bk9L966m3yWf9k8f5PDsawnv302PLA1Wdb4+9ToW6Du+9zyeZIDH  
9D6u33dH23o+7Eqmd02Xtn8ncbv15xAP7Iz2VgrvSYFXYEa3zoQueINHWPp+7BRv1BVX5ViVW9Lr  
Z4LXeQUHYcxrz1F/z5C2jxP2eMCN8ZZbrgqtcdf15u/NcT3/0HAEWLsGctLV91r+edPVLqHVZwt0  
DXev+bN18nF22vz2bV+/cL2PNDHvb6890ht18jAfsCzHerF36qUu86mP75Pd6ag/+Hh/24FPbKNE  
17DrZ3x38ATXezuu//v/VfRgp5k15vg0d/svBXkUf3UVN/LFXeWWXnWIX/m9B2yOrmmN+Wgkx3nw  
aPvCD9zDd3VHV/zK38/GB1eUf+kPjvWpvyZFnV5jXkPF+mG4PzNBfziJ3aRdfahzLH2nr2jvsum  
Jqi1BsymbtWnxthwLupLFXMgZkxlp7SGnn2bD1b0/XP4FffmBs3VLHdVy34tPGYuZmsqdvqYXPcx  
Bj9w1+vvLXNpj36VRXh5t86FV2yLv028f3yNR3DUB3B/v/hYAohhwwQIEDiW4EGCCQsSVKjG4MOG  
ECU2Pjw3z8BGDDy70jxI8iQIkeSLGnyJMqULeyb0nyJcyYmffSrFxp8yb0nCuFhpyIkgGHEhXIT  
+pxYtOLCoj2NiM06lCdUioKnHgU6VWVrVq0mFRlXK1WBXomLDLUx6E2FPp1qXstWqFizaoFKxiior  
d6zQjRp18u3r9y/gwIIEHy5s+P8wYo4CJ1R8QHdCA8YCIjteXPlx44qSKT++HDlZQ8mW0zf8TDp0  
aM+LRUPuvLk1Qc+sLy90XXq1bdSTYcPenRvy7NuxRU/WnLv4cNcyd1fubXq0bujiFz8Gfpx2cMuv  
VUDHbp356eV7TRJMbP48+vTq17Nv7z7nd0QP5semP5k2ftDzK9u/r3y6ff0JmF99wvLX4H38CVia  
ZwQeCGCD+gUYIYL7MWhgf/FRCOF/Cip4IYKxgchhhQMaSKKFCZ5IYIot0ohSee/JOCONNDp4I444  
YpfaduHt6CNvskXnnGZCVsedeNRB9x1nteF25InEPRfkas0ZuaRpPyYnHpHdTXn/HZVbYh11Y9kx  
aVyUVvbopIhDZhlmfCqNlyOddd5J5554mnVWkHBBddcfff5pVJ9uxXUWooF+hddZg9qFKKfTQYoX  
oFkPapWlhdlJl1aVCDWpWp4TyWwhWXh0K6VuSGrTsnHq6+iqssco6K0uGrkWWrXSpS1SgQz1aKq+j  
LrqrSId+epeqaoUabK6MakpqXchiyuyki3KaFKVMXYvUrsPUSiu44Yo7LrkzaliFhyGeK5yL1657  
oInqbjhvuiq+2WCG846YL7ohxpsivu46uKC8En7o78BI/hvvuxPW+658DhccI3mtLnsxxhlrvLFL  
WjIjP8eyWfkkm10c+RuSbCoZ/+SaUpqZsssoV3nykZuhKWZ28cXMpcg0j3mvy10qCbSURbo2XHP/  
zdZyynJy/DTUUU9ccL1EnzvgAch7G9j9HK9IoUu8tc1iFdrGHadWi88NtgYpoyfwmkjXPbbZJfI  
NtBw92uvxgBa3XRKfK8900FGF94en70am6L1tjrsVqUXHJgqttH5Gwnmj11drubPKU6t6s4pALKurj  
n5s6eeKV0pttmyRJPjhsCs+0+19gT5sV577Gta2yP7KbKb0dou55pKb+qfu0/ZuK+PLK/W78req  
zjq3uIte/eLev1479917/31KQt9ssvjaXTf+00ARDdrHI3uJfnhBH61+b/Kb75njzTojHf/LTMN/  
v3S05J03uS9JP2qSc4rmJp/VL2dXIg/4IijBCdZuYSuyG7wC1CG7iS1vyung1rd2trrtrV0eLOEG  
3cYgtXFQYiHMIN4gJje+kRbFE9oXDveFtu06CSwoyAQgyjEckWOKs07neNQ1zvPcta0yPWE3kX  
xbskz4jLW9YVRwc9521Riaia4hetmL3tDbGMZjz/I6yKuKnsZRFXXrUWE6tIus0l8XTFm+Px7FjF  
NV4ven30FB6balIiZGpmgvjGh1FRjQyspG01NHt0Jc7LkIRi1IMY/CKVUfhudG0yWojFUGJSEFO  
qoudIYqeP6deSGBdYt8JcXjKUvBMIXetnThC9H2sL79TwsypFskQcgvdjGMLwabGAXLmLc95fKY  
NExhm0z4oIapbU037KFHfjjLbXKzmzEpn8mC1r/1pWL+CFQaj/YXwP/pDGbpbJ87zZm/kM1snSjz  
H9HSJ8CQ4VN/QCrgl/AHJpmRU0wgoAy3E6rQhX7kKj6xpCdDx81TNa+VUFmjIfd4SiQG0npXl0Ti

# WeaveTech Archive 9901

/zSpx+glsY+b1KhDSSmQkCCUoS596SxT6kdsiTSLq8ToHdPCRvFmVJTPI94RI8rGzVku0GV4x13  
KtNCHKQkFIMpVKMKy6X2FKihLF5RSZLVbTGPekrF6ahMGdSjnnSKW51pJMtqyZBetSp0baL4UyrX  
75WPZxgap0Dter8m+bNN7eMf0qH0vr3CyX7fscB0YRAehK2gCVLH2INS0DAkmeJ0sryHL22Ls2  
pKFz/Sxog2jBE86N9BMPml5SEMwqjBvNRTmazWo2Lve0LXKZ03dSEvNv6k2a6W9pg6Bqadv+HDS0  
xj0u96gK0YkyVaQbTeQhz6pGLXrVUB/dqlg7SazWkYqxpIJUq0k7ykWWIre85h0cVZ8r1IrSkau  
0+pXpXvVP/6UqGi171idy8r7UreSn2MrJoP11vMSuMBU06wDScaY8y2wsZX162S1Yz+9NpB9Ea6w  
cA4bTgUuZ7H/+6UE8RpZBYIYw+T0sJgwC1AEM1hJnjUwjGMMrLrqq7QAM5sumWnM1SKTmj3u5Y91  
XMN1SRNFLhwmaptJTn70LsnTXKYNBZbDB71Yxla+/zKewB1Pn0LznkZz8IQf20/GtvPBjd7ymQar  
V8vm05wg+3KaE+umMbMTxStrcQBf9mAXVxnLfbv6zuQD8UNMxt6p5VK9H2ftf+Y4yedfL73b9e9NG  
g7RSjk4qKK+7LIZAFdCe/jRi0jvd7drUoxqf1d5iuj4ihe7Vh3qet37LFQvY78SbFUp9QLqXfP6  
PEQ+806jWdsnf7CaUv5a1Hkswm0HkMbKDK69mh3suyE5YZGJrVzjGwj7zKYwFa0Yjrd63GT+5vo  
o30D2XznoaZoH1dmT55UyZ371PP6kzgpQu67hHPE8121vKetWwzNWOpZYEfcziZw6FM7wmVXs2  
af99m2zg/nbYvNR2izBo8Q7tEOLJznjblj3cuK2w4rg9G91iePHbDrfkzWawhsu85mzStDUfXVz  
wVjR+4J1vjff3rza1ZcS4rSruZoJcPbxU1nh0Z0f70PbT5T7LW31JU+dSeRqurpaj3o2tWv1K9u  
9Toi1dYzxXXqdA31tb0dI3XdLNZEVOF8q+/d8XYsh+Fu4gH2U7IJJnjf8Wpvnvdd1n27Ge2D/nXd7  
w7v0J0tz2yPP8NHKE00nBbbKi+1kKKM84t/2f0Z700McAzMxVru8y6XJedWT3LY2HjJxIS/52fNa  
uYQmpKEnvfMj9tzoa5Xvo4XeXklbz+g8/y6mkY5U0ablNvb0/7PtFSfUnA+f65VWtERR6vNLZxfW  
kfY6Rat7f05fUunLhxZ5n69+QIva56Ru1k3PSutFa9/3iyb614fefeSNvXhld+i tmVLasZS4rZ8B  
/36WsyHb2kwZt+mYtznZL5XIA3rcr9VYy72cyMFWsQLZk7EcsfEQ60GTxVmTBcZeRxTgAabgXAGC  
vglc8LZhr3cmZkZkZhdngwMmZv70Z3f0bD0ZgmC3Nvd1gPeGbv31Z4/Hb4zWfCjahcUUfSRXa  
Rh2a9R1d72Hf1GUa/nkf2AXfRe2eG5kfgInh6TAdCjohGkZV+43S+72XqfXfJ6Ua0G0f+1f81Fh  
2GUV1sHa/wLaABLPADZdGg5iea1hJk2P1ekhHE6SHF5hdf3eFqoVHnqhschw2VESAJ6dAIA2hGi  
J4KW3w2hl+mG4sngih0H3AGI4JEPi+XV242Z3P8pz0K12HP4UyLSfMk5ILut4pbnShGR7h9ojDG  
1cNh40qNYGt13sfBhSbJ1us1WccZo+WFHMUpI71cWwZBY8pdY66LFuh5HG3E3DCOIONBYXdJYRHH  
ofHxHqNhI fWR4ffLIaSB3TqGIFL3T2eX6pwGjn240sZIUu04ay9I fXlXXzVnzsaUiTeYfwtpE4V  
JB9ioh9qIiByIj/6I0Z6UyiqWxD+opKoGAOR2ZUsWN2NpEgg2AF1Ft3L4iy6YkveYojRYizS4OEF  
XE3G5FM9VUubupCNVIXuWaiKnsLtoMih1o1BW1F6zZINZbRlmi23gkF5QdK2zZuWzPCngciWTBd  
8iRXNH/eaRIquQRDpRg2R0vGhdj1Ru9iWXBTsBr4NnOpCJM8iBa9uAo1sy9mSK66aQgdqVfDpE5  
QhfuTaHuiR87IuQj0p8W2iHxXR9jVuh4L VHyS0ooF9f/iVm/woRQF6LQKoSqbphRDZi0ybMH+JX  
/LWfPMYhaF5iV5kdu6GdRV5mZs5mBPkkBkagVPrYxCGZU3bjUf4WxSwgV0JSb3peMtpmMa0etN1Y  
bHkgn7evWwlbU5n93yluoX1KY5LS05iv7UL/XQnXYrTWmand6qldornDpJneMYLSRpeDq8obDe6L  
xZwhddYnxhSj6hGLNCaj3jzjyFUlyPlN5QnXfvomX/HngSYLMkrfgxqoNirbtEFn0J6gfVbo4QRm  
tgxm0hamUnkXYm4dHVqXQ4KfJHKoHHqoZOIj+RGVGVqoi16oPI5aTUGkIkIka/7eh85hKb1aiSba  
YxqVQbzMjv++5iZ+USE+KJJcZsvK5ErOHV6W5Cj0IOc520YOHokV3l06iZW+J+I9qRJCW0A1HLuC  
ZLvhIit2ljgmaqZqWC+WtnIM2qDA95ebpZ3/uFjhqHjfs1slhnlWeXgdmZXOCI1TWaZsmK0zQ55om  
Ko5gqB0xKGEWHxg0LS0CqP01zoim5mmqY6S1qiIqaIra47Skn6K0aqqw6iCBaoBBqmHaY4506hxS  
Yo86Jo9yF3QVXT604a2WoWUyIan2Kp1sJ1blUSL63yJW4kH6FGLSpGlyof7N6k0uJrEK6UQSaUUa  
KQH6KrbasQJSZTcqmVhiDMVWYQGGYQCZTGH3m1eJbbtELY/liu65iaUJ SedYh0FZqu91gkLmqVd  
At7d6aCYgaXjweU7+eCcvWC6EeyTI mx5ZqkQXmedseXfbeeX8lma3qvF/waapt0eqgKLnZodLXq  
aIIorDkKjzorzB7mp+LqieurqPsrmb4sJbRoHQMZ37mQIYmjiIrpdxRDXm0fXsfs1fqriMkQhap  
W10kzCYtJMWo+80oaNYotKqmYqZVLSLrSsbqz8aj/AVprQ1p0Vbr0bqs0o4telRPyB3kdmKWEeIk  
S3IpZ5mpLKIiLDzP3NjK3Impep4kL83Pl7ank4KpR7KJdJIt4SYGfm4cfy5oNcqrty6jnwqom2aj  
oAKooVggNeoQNiKu6xnL5ZVehM4pmipG4Y7uYZhq5mhoW5noctkqyLbuYpospjIratajp0bqHFFm  
6bQsopIu78qEzNIUIv/SaLRGLSPmLNxubLRclcnKqvI+683eKLQQRfAYrYAhbe9e718sqUvSrd2C  
mN3d5N6prXtKqZxpWC+mZJew59lyr8GSb0deZ0v+TBjQ53PwKvbel0Xsa3ESZ6CC0HNC4Lh0pbX9  
pDM1LosMwWoma1UaMKC+q+LqJumJb2KLv5WME3kq3kuLL+Cr14C7MEioXUqbM06Z3ruYr+OWJdN  
KfgSIVi+pQmjJHcuYcVaMA3XXMZKHzqmbsee6MfqrI4mpM/OY7M278myaspKDu6+kViIag03MYww  
LRs67c1C7fM079TSV9V+LRHHLtZasWfibPR67fSCbfUe10468f3q76AnsqtQKtv/EnAbV5vnmqvl  
0vG6NnBrMeefauAeP3C8KqUEh4j9ojEh/3cEBs+T4DHScccv+eptDCMcDhpsCaPwCpFTXjHswK4n  
mKgnXJrkI1NsvRayKINEoVLjkXVUvsrpnSioA46e5vpNn15jn+Jx5wVoBLqrcU5uIDMLuE4wBY8y  
MIfbDUch6qYsNEup2Ix8orspY5sENvaqtbuYt6u7VZmyw5yMNfw71KdsAqv1H4x9GafD7sqFy9v  
1nahJXrxtEhvWJEXuAXNo+y9ratL/6t355vJauw/Jpt+vriJ6Mv30YzhWHPYLkv2pInma6tiZ0p  
X4ptPBnyKW/uKT9onIoe606yt/Kxnd6yNS4yLteyM96yRh9j5rayUvayIGPzQ1dwEUvzE9T8zRb  
MzEPMdCW86qJpusqn6PiCDFz7DFvaqS80kprc4hGZqewXzXn7kyjppjOTKK3+HDkDX6stV08Dj+oS  
miS51VCjcdBybRhPqxZz1yEydTM3c04r8w8nr1gHpBR/MRWDc1AL9VbjrxonLgfmv/asQLHsV6L  
awGjNHL+MQAVMGDPsQnjIwQDcnBeBgTntQUfSpck8gYjXAc77AcLrECHMCb/0wtDsiXH2ft6dkEL  
ECd3dhL+LSiPxBk7NrA2dDJrEVLHtFKfYxeW9Y9WahYe76t0tcbutA7/dDQrkmqzNg13NRgPrRi3  
s33JKE1rrVmPc8im9e4sd9MG790qs/QECPdwe/83/hp30K9zcvu00wdrQ/5oU0f1WUP1ozF31X1z  
8VZxVms1d6dxK9Kzd/btCX+vaPsr4/EzLvrzxAI0295zQAMQai8yCWtp2n6YJ192ajPxfJNuRfVj  
4w4ohKqyMc5rK6feK48eutrQnhq269ny566yga0Ry/jg4rbakd4orp2Dx+1yr60TNN2c9f2bQNX  
FRpYeg8a2+sVe/w6vKEXL44Xo3dutKe080dUfxjT85U6d310U1bDp5e1/3N9fsGBW5W+ttf70t  
LS54gym0I+siXzU4/bbiXEIwQ4923Z4YxJb5TLr5Teq3QYfuTrR4L7toYPTsX5MgUUbWYgPo/ir/  
J3BunrZxay7bUmAj5aB3K0rz6QVq9HQ88Z6TbQhrMmeXqVYcFoistuiP/xmcGblrTxFto0LugPF

# WeaveTech Archive 9901

+T9LNn8vcmUrrNNcetLCO0u+9KP0+M/V9HmfN26/o3pr3zDbuG8bc1Ehc1wHDq3DLJ JnuRGxs3g3  
+VhPom3DbnSjN3RX+bRnqHsbq40mu7Ivu8X20bkKG2L/sa0XoLoqqIZP3ADvJhsXpW4y+gFnrqE7  
7ob7ZmHTcqVHnbjDbKYD1MOWNiXvbYCFpaoLPKqX5Zqfe12eJ3tussQeuKsHIazHpwC39Hb/+70e  
7p5ibsWZ9HIyI6GrXDRG7gja0WqZcr4roCuPDvyKTzScyvxG5yeeNzbH/9urrX/hN0d6Uitxo1K7  
eV/qrlcVWvfcsAsmKJ/dFwY3uBdXztc6kB43eIP1GES7W0050Fu7Lb+rbkPxtge9Wyc58Gq3Fef9  
xc5zm5Mkftf5+N7gZu/zLYzphhE0fwcuwi80m+Pzfr8vTCY0mne6Qe0E2qf9yVduhbtprX9jhrOy  
VXL4x688N0oc6dFyf5I4htv8iYd8ik94nfpQ4d/rzLNUz882HPH2j5P100d4Ft80j/+8jy81y/72  
sQN1fEN96It+Ua0sjCmX70+6c68+7Ba961/x73fd90WekGM1kW987mdrs783clu9cq+1lqu+tt/3  
118792t711/5FJM99v+YPPYQ/P6mSuwDX+6EHumKre8nbteMLp+Ly73Heuxzr8LQW+10ndreBIEA8  
eCBAgMCBBQ8STPiPYUOHd/8RhDiRYkWLfZfM1LiRY0ePH0GGFDmSZEmTJ1GmVlMSZUuMCQVMIBjz  
gcyCEw7inAnTJs2d0n0q7Dk0Ic+iRAKCLTgZjT0aM4HiTfKzp10kQZdCtQo159GuP7kmfZo16day  
Yncy7XLTK1qhX4WgXcrTbFCpCtU6Vdt1aL59bWn2hUtWgMfCLhEnVryYcWPHjyFHLjw58cxhwywz  
xUzwMuf0Ai5vBq2ZNOjPot2X5lwatWnLokdnTu16Nu3Wt0V/tn2a92v/36Zz51Yde3Vt2MdV60Yu  
uzju38W9za+nDZx5ZtbV6fOG/vlj4cphxc/nnx58+fRp2cMnXh77p6xDw/evTtz6/OnM1eu0fhv  
3PXzAw6+AHeLz77thDswuQTZQ/A1ALV77rj+ZtvvQApvk4+/AYEDCTz1QAxRxBFJLNHEExtqUD76  
OKTuPHYj1A8/7Ri0kMD3BKTRPxyv29FAFVUUMGyGyXuxh6NvFBCCF1EMsMhC4TPQxSprNLKK7HM  
Msum0grsLbf0wqstqsAcS8wwozpKLjSLAsutu25qMy4wuZzLTay4JH0Uq+C0c84z61RkzS7P0LPQ  
q9gk1Mw0EaXrzBh0EYRsLb6+xLMnjiTSuTNN0e3U00//S4kPKIEUIhUHQskyFaGDVG11JzLLfVXW  
UwEvdDRSWTXV11ldRbXVXF8FNtZhdarVKVh7rRXZUYW1ldzkCfsVv2N9zdVaas8sdtVhCTMM1G/B  
DVfchUmUcMEWbXQXPQjVlC252trdbcl1b4tXxr1zJDL+6B0sMh279UtXunTdlGkI07N8fQviPX  
4YchjLjikv6dkN59jyTY34Up5LfbjnnUgMOX511yWArVhhjLQ0ukcGCNV7R5Rn7rDhiXH0Weed  
xa0zKzGndRRQwqcNK9H71QqUGT5hFTQpIV++k+liD5Trj6LZgvVRu+UtNJD11xa0aa5BozRSr3u  
Eug0/4/+EKNMeY5b7rnpHjHaabd19u4utZXWV15v5TbVZQG/NtvAD1cU8az6RlxXvfv/K/HJqW18  
Vr0dv/zxzBXHW9u9xWy8WbIwdbvu01FPXfWwonZ6sNZ/en2oNY2Cusy2tbbL9TBzZ3vounyPs+ir  
IcV9UdqNn71o2YnfGnhK0x4aekMLX7rqrE1/e/Xtue/e+7cTRvm/fi8WuEl0nxuYyZHTBbn99WvW  
9/zwaZb/5JZPLpdAj/nH0f4KuX0z7w2QgAWcW/0Q9qQij9/NILfwSwWIAyiKYEiq9n8Iji//mnQ  
fQ/cYmnhzH2ITBkw5iSAVGYQhX2TFSee1z1Wpg3yP+B7oXcULXkKlc5v0EQc5rTXAwTz0PDOWtx  
MSTi5fYWRICaMvl++xy0Aie6v/FNhz2EW0auuEitbpGLVWRd9WAltaq8NSoySImpWhNa76fnFdn7i  
3aJkx7xHTSV5ZgvjJ53JznqznltBJrx9iKW61WPKGBE1be6mEhFLV18TKwiFH/YrCaGEXI1BN0S  
XciqYwFuikIUoiSjqCsYEG5bR/ykJ4LFyU2mUp0dfNYjYRgsF6yI9lj5C1xmUuWmEt8/pvfbDEY  
G/wNyYIABF/JgI1MCGTYTzBzkJc2GuUAPmu+ZTLqmwv6jPV1uk5vdRAKJ31e/ZErzQTd6JszC7y  
ua8bRc6k38reicHrTP0cy2SSzIwJznVh0Zv990c//+1CqDkEXpUF0Pa7vgXhNLJaHZkqEJ3ZymI  
lu2NRwta284mPInOEXMa+VLEqUbIMXYNdLZ7603+pBfBapS1LcWLE1X5Q8/FsnAz7aQUTZnDvdLw  
kTGVIU1zaMldyVCoq+wbUAdnOEieEpM6LWkqXamqjazUpVW1qgrrecF0LWec0CwmOdXJswmm054c  
aqD6yIcyeDbnq2gNawYleM1e0kebV7XrXVeY1Xzm65ckS2s03VpWsdZrncpsZlrPujFmog9e/hIs  
XPGVna1q1YQXoSpeMZvZ0+lzsGvtqmK/eljCdLawnx3hWj8ozpfJM2PVXC07E3taZr6Pn5q17W3r  
lv/EniJVqUWUnFB9a80n4pSHN+RcU0MH3JokV3C07NwULtjD48L0uDgkrhEZt1tC1Q633fVuxL44  
0t8tb3iJkp4fE4reQaK3j10LY31R0ePHg+lb8zjofaIxpjyNHpmFOTXRPpfjWIPkd818IE9pdck  
rpY1fvWqBwMLW9NSdrSSZTAXLwXW1B6zsdIElWStKVqPZbPACDbxiAnE2Qnm77MsC209JezgEDM2  
sqdxZJZduN5mj0eMe6XbdlIwwGimMhFV0+KecRiGbuYnj02LI1nzLEnb1jBbqXydJosPx9XDMg/  
3ueQjRxmMVPJG2sctJkttsaGmhdsJ3UjHAUCkYKbRPyT0kewX85jUP1kRpmz9JU0W2jriI5ov01  
s5u502ZFLzoyjuztZTmFyuLuFKZRDaVSKS3JUXJyLqg8arWee8LjyhK5RQU1K0s5VJxiN9JEpSWm  
GB1rWSNGwSX8q4PhCVjHxpjDNe51lHG51sXG835t3TUIUwvsy6VYZad9b0h/73LDZNVyb9mMo+1  
POVo2jqsCvRshq08bAdie6tbFuEFg/xLZ0eb3e00CZwdmi1B1/eghU7joTc6Xj70N87BQ70X6L3n  
0xN64PwM6L8Xmu+0XFRP0V0znQdtJpW6m+IVf0lwc0pdHz73ujRdNat/OzogardyleRtptyf38ZDv  
cKnJfXRJUW7cLZfauZSbuMVxnn0GwBt7eCSeFcv6cwC3N+E9H7RBCylhexeP3/Ee8B3x3fPpAdK0  
Awc0w3t39Dbv29CXurn0wd7uWqcz17juK4SPHddfya0MAo2ZL+NWGEa28PIFq2yM1zCuoad79FG  
sr2qDeVrwwzG2m57YdV0wv8qK1bHraVfuZxpZwanW6y17fvLZS3djTf1iT7tqU+z+/JUc7rkotdt  
dUHua06T3Lomhy7rUx/d1L/yqU511tcxn3sx8zy9eAb4vQP5ezbqu+i9lZRQWp8pgfdvE/fwtSh  
Hmeqs8nqdI4dfA++df301+uW1/33UVzpfVf969Mv9NLZUjn5Kep7kji5/UDvtfL0jWtQhF33NVZ/x  
9Q8X9FLFPfgB0MDG7mLkrtckCh/SztegJ03GyqyWLTcPE7QEBhu56ye5ck34eU0/WLQA58MD+rp0w  
zNqE7cWcLPGkzAS3DfAQSwIZbwUdj0ggL64kL4Eoj8Q2sANx8LbgrfnmD0BmkE7oNmRQ+u3MBK55  
mq74qA5rem/h/G3esM7gtG6i107fCuXhka/7ru50JuKycrAL70r8RI386k/+Wkn97m/mooX9z1Bx  
ynAMlyj+6C+6jEqUYC6TmAv+JA31HAc003AmKIILvTAQ/1tqAZVstEDstBqI267s7VLrALtNxhiw  
wuTKYBjIEe/FEjtGfSoCEAWxE72JEDHMEJMNETOQ7CIQ3FrrwSRx7SjsEUUsELXxBGORGjtXdz3x  
Fq0KFBuxtFCxy7isfApR8YgtFHWR23iRFSdP8LYsBAVvBLPMQiwii3BxGrLJ8+5Q4+6w9YYo9mAP  
qCzp9FAOHLORG0WODJtruxJKHJVodGXPG0EJiaZrISCCe6mxHh0J99pLjaSv6fiLepCv+pyudogv  
+f5R35bu+pA0+p5vH5nPeptu6qyQz2inafJR4rbQHjGSm3QxwiZw8Ugx70yx8eTuFYutAUmL14rR  
7UqRAP/PjsYwMX0QhChOmsNpUouKsfbk8BeTUSEXeQJFUHjHzRVTEvEUcNqAkR1LEbSeMUFSpCad  
MpdusGRbAaTTBmr0iddcCSXcQnjNk0z2S5UgWlSQQhiARjpCmfMi0VCEiKh/zJCIPOqTYLWt4  
r2oCDeLqawff8s/yjC6LMS//Euv0kqLqMgR70eUjUpi3DxCgkUSds4DcL//wrx1tj+bGMdPssA+h  
avxIjzJfjq2HatJOrbiUazPD0Px4q7dA0/Sijjinm8TFh04A2MgFp8e4+khgr8RS1chiBJAJWJm8  
k69AkiVL0iVbsmBqcSZczkPKCLdRkly8tx2Ujp7MtX0fnIRd0wonbMVj/EDWxiSm7Es11I20JIE5



## WeaveTech Archive 9901

>From owner-weavetech@List-Server.net Fri Jan 15 12:48:51 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA16052; Fri, 15 Jan 1999 12:48:51 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id MAA16047; Fri, 15 Jan 1999 12:48:49 -0700 (MST)  
Received: from authoriu (balto-ts1-port128.x-press.net [209.150.113.128]) by cpcug.org (8.9.1a/8.9.1) with SMTP id OAA01885 for <weavetech@List-Server.net>; Fri, 15 Jan 1999 14:48:50 -0500 (EST)  
Message-Id: <3.0.3.32.19990115144653.006ca71c@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Fri, 15 Jan 1999 14:46:53 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Archives  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Since I posted to the list a day or so ago that I have archives that have been dumped by majordomo, I have rec'd several requests from people for back archives. This is just to let you know that I'll send them over the next couple of days, as I can. We've been hit w/ a wallopig ice storm here in the DC area. Our power was out for 7 hrs, on briefly for an hour, off again, now on again. I don't expect its current "on" state to be permanent. So give me the weekend to get these things out, plz.

Thanks, and sorry for so much admin talk.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Fri Jan 15 12:54:14 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA17286; Fri, 15 Jan 1999 12:54:14 -0700 (MST)  
Received: from smtp1.jps.net (smtp1.jps.net [209.63.224.236]) by salmon.esosoft.net (8.8.5) id MAA17269; Fri, 15 Jan 1999 12:54:11 -0700 (MST)  
Received: from fvjn5 (209-239-201-22.oak.jps.net [209.239.201.22]) by smtp1.jps.net (8.8.5/8.8.5) with SMTP id LAA08288 for <weavetech@List-Server.net>; Fri, 15 Jan 1999 11:54:17 -0800 (PST)  
Message-ID: <005801be40bf\$dbe4f8e0\$7cc2efd1@fvjn5>  
From: "Betty Lou Whaley" <enbwhaley@jps.net>  
To: <weavetech@List-Server.net>  
Subject: Re: weavetech-digest V1 #164  
Date: Fri, 15 Jan 1999 11:47:15 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

# WeaveTech Archive 9901

I'm really sorry that my GIF file arrived as TEXT! Phooie. Are you PC or MAC? I'm PC running Win98 and the GIF just arrived in my box as a full color picture. Here's something you can try - I have no idea if it will work. Save the file to a diskette. Close mail, open browser, File/Open your disk drive, locate the GIF and open it! Let me know if this works.

~Betty Lou

-----Original Message-----

From: WC3424@aol.com <WC3424@aol.com>

To: weavetech@List-Server.net <weavetech@List-Server.net>

Date: Friday, January 15, 1999 11:37 AM

Subject: Re: weavetech-digest V1 #164

>>

> Speck's Snailtrail as .GIF ["Betty Lou Whaley"  
<enbwhaley@jps.net>]

> Speck's Snailtrail >>

>

>I would love to see the draft, but on my screen there is a continual  
alphabet

>and in the downloaded file, I have the same thing.

>

>Thanks...Charlotte

>

>To reply privately, send message to WC3424@aol.com

>

To reply privately, send message to "Betty Lou Whaley" <enbwhaley@jps.net>

>From owner-weavetech@List-Server.net Fri Jan 15 14:49:33 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id OAA11205; Fri, 15 Jan 1999 14:49:33 -0700 (MST)

Received: from mtiwmhc02.worldnet.att.net (mtiwmhc02.worldnet.att.net [204.127.131.37]) by salmon.esosoft.net (8.8.5) id OAA11194; Fri, 15 Jan 1999 14:49:32 -0700 (MST)

Received: from default ([12.69.0.79]) by mtiwmhc02.worldnet.att.net

(InterMail v03.02.07 118 124) with SMTP

id <19990115214908.BWBJ8733@default>

for <weavetech@List-Server.net>; Fri, 15 Jan 1999 21:49:08 +0000

Message-ID: <000601be40e9\$e3dfb880\$4f00450c@default>

From: "Jane Nott" <janenott@worldnet.att.net>

To: <weavetech@List-Server.net>

Date: Fri, 15 Jan 1999 16:48:02 -0800

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

X-Priority: 3

X-MSMail-Priority: Normal

X-Mailer: Microsoft Outlook Express 4.72.2106.4

X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

SET WEALETECH-DIGEST NOMAIL janenott@worldnet.att.net END

.

To reply privately, send message to "Jane Nott" <janenott@worldnet.att.net>

## WeaveTech Archive 9901

>From owner-weavetech@List-Server.net Fri Jan 15 16:08:04 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA27431; Fri, 15 Jan 1999 16:08:04 -0700 (MST)  
Received: from virtualmaster3-int.prodigy.net (virtualmaster3-ext.prodigy.net [207.115.59.137]) by salmon.esosoft.net (8.8.5) id QAA27425; Fri, 15 Jan 1999 16:08:02 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host virtualmaster3-ext.prodigy.net [207.115.59.137] claimed to be virtualmaster3-int.prodigy.net  
Received: from david (FLNTB311-18.splitrock.net [209.252.124.179])  
by virtualmaster3-int.prodigy.net (8.8.5/8.8.5) with ESMTMP id SAA192580  
for <weavetech@List-Server.net>; Fri, 15 Jan 1999 18:08:09 -0500  
Message-Id: <199901152308.SAA192580@virtualmaster3-int.prodigy.net>  
From: "Nancy T Slutsky" <NSLUTSKY@prodigy.net>  
To: <weavetech@List-Server.net>  
Subject: Re: weavetech-digest V1 #weird messages  
Date: Fri, 15 Jan 1999 18:05:37 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

What am I supposed to do with the messages that come in as long rectangles in mixed alphabet? I think they are supposed to be drafts. does one need a special program to read them, or are they some kind of code?  
thanks much.  
Nancy slutsky

To reply privately, send message to "Nancy T Slutsky" <NSLUTSKY@prodigy.net>

>From owner-weavetech@List-Server.net Fri Jan 15 16:16:30 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA28998; Fri, 15 Jan 1999 16:16:30 -0700 (MST)  
Received: from smtp.jjj.net (postmaster@smtp.jjj.net [209.235.31.137]) by salmon.esosoft.net (8.8.5) id QAA28992; Fri, 15 Jan 1999 16:16:29 -0700 (MST)  
Received: from cc429928-a.hwr1.md.home.com (cc429928-a.hwr1.md.home.com [24.3.63.99])  
by smtp.jjj.net (8.9.1/8.9.0) with SMTP id SAA29517  
for <weavetech@List-Server.net>; Fri, 15 Jan 1999 18:14:32 -0500 (EST)  
Message-Id: <3.0.3.16.19990115181531.3437bd80@smtp.jjj.com>  
X-Sender: wheat@smtp.jjj.com  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (16)  
Date: Fri, 15 Jan 1999 18:15:31 -0500  
To: weavetech@List-Server.net  
From: Wheat Carr <wheat@craftwolf.com>  
Subject: Re: weavetech-digest V1 #164  
In-Reply-To: <005801be40bf\$dbe4f8e0\$7cc2efd1@fvjn5>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 11:47 AM 1/15/99 -0800, you wrote:

>I'm really sorry that my GIF file arrived as TEXT! Phooie. Are you PC or

It is my understanding that this is email discussion list, as such there are few if any list management programs that can handle graphical attachments.

Would the "list-admin" care to let us know if the posting of .gif, .jpg,

# WeaveTech Archive 9901

.vcf or for that matter .htm/.html files is appropriate

If not then may I suggest every consider taking advantage of some information that I received form Ron Parker = here is a quote:

"Ron Parker, found and shared the following site that is helpful to those in need of assistance resetting their software options to avoid contributing to the problem.

"Here is a useful website that describes how to turn off HTML and RTF encoding in each of the following programs....

Eudora Pro  
Microsoft Exchange  
Netscape Communicator  
Outlook Express  
Outlook Express for Macintosh  
Outlook 98  
Pegasus Mail 3.01b

If you are interested, take a look at and probably bookmark the following site....

<http://www.rootsweb.com/rootsweb/listowners/html-off.htm>

end quote

-

Wheat Carr <mailto:wheat@craftwolf.com>  
<http://www.craftwolf.com/>

To reply privately, send message to Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>

>From owner-weavetech@List-Server.net Fri Jan 15 17:54:19 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA20494; Fri, 15 Jan 1999 17:54:19 -0700 (MST)  
Received: from imo25.mx.aol.com (imo25.mx.aol.com [198.81.17.69]) by salmon.esosoft.net (8.8.5) id RAA20490; Fri, 15 Jan 1999 17:54:18 -0700 (MST)  
From: AmyFibre@aol.com  
Received: from AmyFibre@aol.com  
by imo25.mx.aol.com (IM0v18.1) id 8EEYa15302  
for <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>; Fri, 15 Jan 1999 19:53:55 +1900 (EST)  
Message-ID: <[9dc9873e.369fe323@aol.com](mailto:9dc9873e.369fe323@aol.com)>  
Date: Fri, 15 Jan 1999 19:53:55 EST  
To: [weavetech@List-Server.net](mailto:weavetech@List-Server.net)  
Mime-Version: 1.0  
Subject: ADMIN - Attachments  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 226  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: [weavetech@list-server.net](mailto:weavetech@list-server.net)

Hi all --

Although it's a nice thought, this list is not equipped to handle attachments, even our beloved weave drafts.

## WeaveTech Archive 9901

The problem is two-fold. First of all, majordomo rejects messages over a certain size, and frequently attachments create messages of enormous size. Secondly, there are almost as many different systems/servers receiving this list as we have members and many of these are ill-equipped to handle attachments. Consequently, these subscribers get computer-ese instead of messages and attachments.

So, please refrain from sending any attachments to the list as a whole.

Instead, if you are willing, let the list know of attachment(s) that you would be willing to send privately, collect their names/e-mail addresses and then send the attachments directly to them (not through the list). Remember you can make it easier on yourself by collecting e-mail addresses for a day or two or even several days before sending one e-mail to all interested parties.

Thanks for understanding -- and please, no attachments to the list.

Amy  
amyfibre@aol.com

To reply privately, send message to AmyFibre@aol.com

```
>From owner-weavetech@List-Server.net  Fri Jan 15 18:35:32 1999
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA27326; Fri, 15 Jan 1999
18:35:32 -0700 (MST)
Received: from imo12.mx.aol.com (imo12.mx.aol.com [198.81.17.2]) by salmon.esosoft.net
(8.8.5) id SAA27317; Fri, 15 Jan 1999 18:35:30 -0700 (MST)
From: AmyFibre@aol.com
Received: from AmyFibre@aol.com
      by imo12.mx.aol.com (IMOV18.1) id RLAPa04796
      for <weavetech@list-server.net>; Fri, 15 Jan 1999 20:33:52 +1900 (EST)
Message-ID: <aab907c8.369fec80@aol.com>
Date: Fri, 15 Jan 1999 20:33:52 EST
To: weavetech@list-server.net
Mime-Version: 1.0
Subject: ADMIN - Archives: an apology
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
X-Mailer: AOL 4.0 for Windows 95 sub 226
Sender: owner-weavetech@List-Server.net
Precedence: bulk
Reply-To: weavetech@list-server.net
```

Hi all -

Sorry to bother you one more time with this admin subject, but I just learned that majordomo has a quirk which might be preventing some of you from retrieving the archive files.

\*Majordomo is case-sensitive regarding archive file names.\*

That means, when you request the archive file, it must be **\*\*exactly\*\*** as shown in majordomo's index list, ie. no caps in the file name.

So instead of:

```
GET WEAVETECH WEAVETECH.9812
GET WEAVETECH WEAVETECH.9901
END
```

use:

```
GET WEAVETECH weavetech.9812
```

# WeaveTech Archive 9901

GET WEAVENTECH weavetech.9901  
END

Sorry for any confusion this might have caused.

Amy  
amyfibre@aol.com

To reply privately, send message to AmyFibre@aol.com

>From owner-weavetech@List-Server.net Sat Jan 16 07:24:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA01814; Sat, 16 Jan 1999 07:24:49 -0700 (MST)  
Received: from center.colgate.edu (center.colgate.edu [149.43.1.2]) by salmon.esosoft.net (8.8.5) id HAA01809; Sat, 16 Jan 1999 07:24:48 -0700 (MST)  
Received: from mailsv01.colgate.edu (mail.colgate.edu) by CENTER.COLGATE.EDU (PMD5 V5.1-12 #29263) with ESMTMP id <01J6LQIYG1RQ90DSMZ@CENTER.COLGATE.EDU> for weavetech@list-server.net; Sat, 16 Jan 1999 09:22:00 EST  
Received: by mail.colgate.edu with Internet Mail Service (5.5.2448.0) id <DAJYRTLF>; Sat, 16 Jan 1999 09:23:31 -0500  
Content-return: allowed  
Date: Sat, 16 Jan 1999 09:23:31 -0500  
From: Miriam Grabois <MGrabois@MAIL.COLGATE.EDU>  
Subject: RE: MULTIPLE SCARF WIDTHS  
To: "'weavetech@list-server.net'" <weavetech@list-server.net>  
Message-id: <00748E7C6AA2D211973F0000F860108D176036@mail.colgate.edu>  
MIME-version: 1.0  
X-Mailer: Internet Mail Service (5.5.2448.0)  
Content-type: text/plain  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

To reply privately, send message to Miriam Grabois <MGrabois@MAIL.COLGATE.EDU>

>From owner-weavetech@List-Server.net Sat Jan 16 08:39:06 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA12566; Sat, 16 Jan 1999 08:39:06 -0700 (MST)  
Received: from linknet.kitsap.lib.wa.us (linknet.kitsap.lib.wa.us [198.187.135.22]) by salmon.esosoft.net (8.8.5) id IAA12561; Sat, 16 Jan 1999 08:39:04 -0700 (MST)  
Received: from linknet.kitsap.lib.wa.us (linknet.kitsap.lib.wa.us [198.187.135.22]) by linknet.kitsap.lib.wa.us (8.9.1/8.9.1) with ESMTMP id HAA02641 for <weavetech@List-Server.net>; Sat, 16 Jan 1999 07:36:06 -0800 (PST)  
Date: Sat, 16 Jan 1999 07:36:06 -0800 (PST)  
From: AE Silas <asilas@linknet.kitsap.lib.wa.us>  
To: weavetech@List-Server.net  
Subject: Re: weavetech-digest V1 #164  
In-Reply-To: <005801be40bf\$dbe4f8e0\$7cc2efd1@fvjn5>  
Message-ID: <Pine.S04.4.05.9901160732070.29134-100000@linknet.kitsap.lib.wa.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

On Fri, 15 Jan 1999, Betty Lou Whaley wrote:

> I'm really sorry that my GIF file arrived as TEXT! Phooie.

# WeaveTech Archive 9901

This is probably happening to a bunch of us - me included. My mail program cannot handle graphics or applications. It 1) offers and then refuses to save, 2) freezes up, or 3) regurgitates screen after screen after screen of code (ie solid blocks of characters). I really think that this sort of thing should be sent privately, by request, to those who are set up to handle it, rather than posted to the list where many of us can't.

Anne

Anne Silas  
asilas@krl.org  
Bainbridge Island, Washington, USA

To reply privately, send message to AE Silas <asilas@linknet.kitsap.lib.wa.us>

>From owner-weavetech@List-Server.net Sat Jan 16 11:10:15 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA08673; Sat, 16 Jan 1999 11:10:15 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id LAA08666; Sat, 16 Jan 1999 11:10:13 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id NAA05153 for <weavetech@list-server.net>; Sat, 16 Jan 1999 13:10:18 -0500 (EST)  
Date: Sat, 16 Jan 1999 13:10:18 -0500 (EST)  
Message-Id: <199901161810.NAA05153@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@list-server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: DOUP REFERENCE  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

TO ALL:

The following is one of the references I promised to post dealing with leno weaving in general, which has mention of multiple width. This one is in German but ranks among the two or three best references on the subject anywhere. With some effort it can be found since I hardly doubt I own the only extant copy.

Author: W. Boos

Title: Herstellung von Drehergeweben

Publisher: Konradin - Verlag Robert Kohlhammer

Stuttgart 1950

The specific mention of leno edges for multiple widths is found on page 12.

This book is part of a larger series of about 14 titles.

When I find the other reference, which I believe is in English, I will post it.

AAF

# WeaveTech Archive 9901

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Sat Jan 16 12:10:44 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA18785; Sat, 16 Jan 1999 12:10:44 -0700 (MST)  
Received: from wyellowstone.com (www.wyellowstone.com [206.26.87.34]) by salmon.esosoft.net (8.8.5) id MAA18777; Sat, 16 Jan 1999 12:10:41 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host www.wyellowstone.com [206.26.87.34] claimed to be wyellowstone.com  
Received: by wyellowstone.com from localhost (router,SLMail V2.6); Sat, 16 Jan 1999 12:15:06 -0700  
Received: by wyellowstone.com from wyellowstone.com (206.26.87.195::mail daemon; unverified,SLMail V2.6); Sat, 16 Jan 1999 12:15:05 -0700  
Message-ID: <36A0E47C.C14C3A51@wyellowstone.com>  
Date: Sat, 16 Jan 1999 12:11:56 -0700  
From: "Elizabeth tritthart" <Etritthart@wyellowstone.com>  
X-Mailer: Mozilla 4.5 [en] (Win95; I)  
X-Accept-Language: en  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: weavetech-digest V1 #165  
References: <199901161100.EAA08367@salmon.esosoft.net>  
Content-Type: multipart/alternative;  
boundary="-----E99A4D224BBD29B6D691210B"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

-----E99A4D224BBD29B6D691210B  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Attachments....

There is one more list server out here working but seems to have gone inactive....

it can handle attachments and pictures for those who want to send them. Is any one interested in making use of it?

Regular users can stay on this digest...

But users who can take attachments can join the secondary list and use it to forward attachments to others set up to receive them..

Let me know....

Eliz

-----E99A4D224BBD29B6D691210B  
Content-Type: text/html; charset=us-ascii  
Content-Transfer-Encoding: 7bit

# WeaveTech Archive 9901

```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
Attachments....
<br>There is one more list server out here working but seems to have gone
inactive....
<br>it can handle attachements and pictures for those who want to send
them. Is any one interested in making use of it?
<p>Regular users can stay on this digest...
<br>But users who can take attachments can join the secondary list and
use it to forward attachments to others set up to recieve them..
<p>Let me know....
<br>&nbsp;
<p><br>
<center>
<p>Eliz</center>
</html>
```

-----E99A4D224BBD29B6D691210B--

To reply privately, send message to "Elizabeth tritthart" <Etritthart@wyellowstone.com>

```
>From owner-weavetech@List-Server.net Sun Jan 17 11:02:39 1999
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA11564; Sun, 17 Jan 1999
11:02:39 -0700 (MST)
Received: from rm-rstar.sfu.ca (root@rm-rstar.sfu.ca [142.58.120.21]) by
salmon.esosoft.net (8.8.5) id LAA11556; Sun, 17 Jan 1999 11:02:38 -0700 (MST)
Received: from [142.58.124.1] (rs1-annex4.sfu.ca [142.58.124.1])
by rm-rstar.sfu.ca (8.9.1/8.9.1/SFU-5.0H) with ESMTP id KAA24450
for <weavetech@list-server.net>; Sun, 17 Jan 1999 10:02:42 -0800 (PST)
X-Sender: ryeburn@popserver.sfu.ca
Message-Id: <l03130300b2c7d6139f2f@[142.58.123.24]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 17 Jan 1999 10:02:49 -0800
To: WeaveTech <weavetech@list-server.net>
From: Jo Anne Ryeburn <ryeburn@sfu.ca>
Subject: Snail Trail Draft
Sender: owner-weavetech@List-Server.net
Precedence: bulk
Reply-To: weavetech@list-server.net
```

I was able to see the Snail Trail draft on my Mac. I will briefly outline how I did this, hoping that something similar can be done by PC users.

1. I copied the encoded document and then pasted it all by itself in a new document.
2. Since it was uuencoded, I dropped the new document on Stuffit Expander to decode it.
3. Since it still did not belong to any application, I opened it in GIF Coverter, and there it was!

Jo Anne

Jo Anne Ryeburn ryeburn@sfu.ca

# WeaveTech Archive 9901

To reply privately, send message to Jo Anne Ryeburn <ryeburn@sfu.ca>

>From owner-weavetech@List-Server.net Sun Jan 17 12:49:32 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA27738; Sun, 17 Jan 1999 12:49:32 -0700 (MST)  
Received: from internet.roadrunner.com (root@internet.roadrunner.com [198.59.109.7]) by salmon.esosoft.net (8.8.5) id MAA27732; Sun, 17 Jan 1999 12:49:31 -0700 (MST)  
Received: from roadrunner.com (dial192.roadrunner.com [198.59.109.192])  
by internet.roadrunner.com (8.8.5/8.8.5) with ESMTD id MAA10505  
for <weavetech@List-Server.net>; Sun, 17 Jan 1999 12:49:36 -0700 (MST)  
Message-ID: <36A23EC5.B1AD3FD9@roadrunner.com>  
Date: Sun, 17 Jan 1999 12:49:25 -0700  
From: Michelle Rudy <rudymm@roadrunner.com>  
X-Mailer: Mozilla 4.5 [en] (Win98; I)  
X-Accept-Language: en  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: weavetech-digest V1 #165  
References: <199901161100.EAA08367@salmon.esosoft.net>  
<36A0E47C.C14C3A51@wyellowstone.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Eliz--

My e-mail program (and ISP) can handle most attachments and I do appreciate being able to see what weavers are talking about. The snail's trail came thru very nicely.

BTW, I use Netscape 4.5 (a free download taking about an hour at 56 Kb) and would recommend it to those having sufficient hard disk capacity. It seems to provide decoding service for most attachments. Certainly, I haven't loaded anything special for this purpose.

Michelle in White Rock NM  
mailto:rudymm@roadrunner.com

To reply privately, send message to Michelle Rudy <rudymm@roadrunner.com>

>From owner-weavetech@List-Server.net Sun Jan 17 13:21:14 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id NAA02756; Sun, 17 Jan 1999 13:21:14 -0700 (MST)  
Received: from lance.netxn.com (netxn.com [209.135.12.8]) by salmon.esosoft.net (8.8.5) id NAA02746; Sun, 17 Jan 1999 13:21:12 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host netxn.com [209.135.12.8] claimed to be lance.netxn.com  
Received: from [209.234.194.79] (bak-ppp-26.max2.netxn.com [209.234.194.79])  
by lance.netxn.com (8.8.5/8.8.5) with ESMTD id MAA22481  
for <WeaveTech@list-server.net>; Sun, 17 Jan 1999 12:34:29 -0800 (PST)  
Message-Id: <199901172034.MAA22481@lance.netxn.com>  
X-Mailer: Microsoft Outlook Express for Macintosh - 4.01 (295)  
Date: Sun, 17 Jan 1999 12:21:27 +0000  
Subject: doups  
From: "Bill Koepp" <bgkoe@netxn.com>  
To: Weave Tech <WeaveTech@list-server.net>  
Mime-version: 1.0  
X-Priority: 3  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

# WeaveTech Archive 9901

Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

A question for Mr. Fannin; I've been reading the books of E.A.Polleslt , of about 1900 or so, and he stated the doups that were constructed ( String doups ) so as to enter the heddle above the eye, and then leave through the eye, were superior then if they were simply entered through a heddle eye. Really, I can't see the advantage, but you have probably seen this type of doup before, so I thought I'd ask if you have an opinion ? - Bill Koepf

To reply privately, send message to "Bill Koepf" <bgkoe@netxn.com>

>From owner-weavetech@List-Server.net Sun Jan 17 13:38:54 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id NAA06833; Sun, 17 Jan 1999 13:38:54 -0700 (MST)  
Received: from smtp.vci.net (smtp.vci.net [205.241.255.12]) by salmon.esosoft.net (8.8.5) id NAA06826; Sun, 17 Jan 1999 13:38:52 -0700 (MST)  
Received: from brdatta.ix.netcom.com (pah-pm2-1-59.vci.net [205.241.254.59]) by smtp.vci.net (8.8.7/8.8.7) with SMTP id OAA11899 for <weavetech@List-Server.net>; Sun, 17 Jan 1999 14:38:51 -0600  
Message-Id: <3.0.32.19990117143510.0069947c@mail.vci.net>  
X-Sender: brdatta@mail.vci.net  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Sun, 17 Jan 1999 14:38:29 -0600  
To: weavetech@List-Server.net  
From: Bonnie Datta <brdatta@vci.net>  
Subject: Web-page  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi everyone. Just letting you all know that my web-page is now up.

Bonnie Datta (Currently in Murray, Kentucky)  
Airdrie, Alberta, Canada  
brdatta@vci.net  
<http://www.vci.net/~brdatta/>

To reply privately, send message to Bonnie Datta <brdatta@vci.net>

>From owner-weavetech@List-Server.net Sun Jan 17 20:08:00 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id UAA08188; Sun, 17 Jan 1999 20:08:00 -0700 (MST)  
Received: from phnxpop2.phnx.uswest.net (phnxpop2.phnx.uswest.net [206.80.192.2]) by salmon.esosoft.net (8.8.5) id UAA08181; Sun, 17 Jan 1999 20:07:59 -0700 (MST)  
Received: (qmail 1549 invoked by alias); 18 Jan 1999 03:08:08 -0000  
Delivered-To: fixup-weavetech@list-server.net@fixme  
Received: (qmail 1502 invoked by uid 0); 18 Jan 1999 03:08:08 -0000  
Received: from ddialup156.phnx.uswest.net (HELO uswest.net) (207.225.167.156) by phnxpop2.phnx.uswest.net with SMTP; 18 Jan 1999 03:08:08 -0000  
Message-ID: <36A2A694.7F5B7EA0@uswest.net>  
Date: Sun, 17 Jan 1999 20:12:21 -0700  
From: kip broughton <cynthb@uswest.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; U)  
MIME-Version: 1.0  
To: weavetech@list-server.net  
Subject: Re: weavetech-digest V1 #165 Snail Trail  
References: <199901161100.EAA08367@salmon.esosoft.net>

# WeaveTech Archive 9901

<36A0E47C.C14C3A51@wyellowstone.com> <36A23EC5.B1AD3FD9@roadrunner.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

My solution was simpler. I saved the attachment on disk and then opened Patternland and loaded the pattern. It came out very well. At that time I was taking a workshop from Madelyn, too and showed it to her.  
Cynthia Broughton (no longer lurking)

To reply privately, send message to kip broughton <cynthb@uswest.net>

>From owner-weavetech@List-Server.net Mon Jan 18 21:21:44 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id VAA05374; Mon, 18 Jan 1999 21:21:44 -0700 (MST)  
Received: from imo11.mx.aol.com (imo11.mx.aol.com [198.81.17.1]) by salmon.esosoft.net (8.8.5) id VAA05359; Mon, 18 Jan 1999 21:21:41 -0700 (MST)  
From: Grimi@aol.com  
Received: from Grimi@aol.com  
by imo11.mx.aol.com (IM0v18.1) id 6BGVa04317  
for <weavetech@List-Server.net>; Mon, 18 Jan 1999 23:21:18 +1900 (EST)  
Message-ID: <6aab2b7a.36a4083e@aol.com>  
Date: Mon, 18 Jan 1999 23:21:18 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Double Box Issues, long  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 3.0.1 for Mac sub 82  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi everyone. Wanted to let you know that I am back on the last after being out of the country for awhile. I've downloaded the digests since I left and have been trying to get caught up on them over the last couple of weeks. Following are the comments of Peter Straus, President of AVL, to whom I forwarded some of the double box issues that came up in my absence. I think they really summarize our position well.  
Tom@AVL

Peter writes:

Tom Greminger who is our designated monitor of the weaving lists cc'ed me on this exchange and although ordinarily I don't get involved, I thought, in this case, I would throw in my two cents.

I also wanted you to know that I have nothing but respect for Allen Fannin. He is a very bright individual and I respect his opinions greatly...in this case, though, I would like to praise AVL, not bury it and here's why:

Mr. Fannin is correct, of course, in asserting that power looms do allow for independent box control, but....and it's a big but, they must allow for having an open box to receive the shuttle on the other end. In the case of the two box, if you have, as suggested independently controlled boxes then it would require a lot of thought to make sure that the box you are throwing to is empty. As Jim Ahrens designed it, however, you have counter-balanced boxes so when the ones on the right go down, the ones on the left go up and vice versa...there's no thinking...you should be able to

## WeaveTech Archive 9901

just weave, because there's ALWAYS going to be an open box to throw into.

On a three or four box system, independent control becomes more feasible, of course, but it would require independent controls for each side and a lot of thinking. It might also require fixing the boxes and having only the lay (aka beater) move. In fact we offer such an option on our IDL. It's a four box system that can handle up to 7 shuttles (with prior planning); 6 shuttles are a slam dunk with the same system...the boxes are moved by the computer and pneumatics and it's pretty darn spectacular. No less an authority than the head of production at Burlington's biggest plant said it "is damn near perfect". It is, in fact possible, to outfit YOUR loom with this system or one similar to it, but you might find the price to be a bit high.

Indeed, there are other options for allowing for multiple independent selections on a hand-loom. One idea, that was tried by other handloom companies in the past, is to put only one box on the "receiving" side. Such a system, known popularly as a 3 by one or 4 by one system works very well, except, of course, that using pick and pick, that is alternating yarns, is out of the question, because the minimum selection would be two picks (over AND back).

Since pick and pick is so popular among handweavers, we determined, long ago, that this style would only have limited commercial appeal. Perhaps, that thinking needs to be re-examined.

One more aspect about the counter-balanced boxes system is their relative ease of use...since the one side always balances the other, then it is always relatively easy to go up or down with the boxes. If you had uneven boxes then it might be more of a strain to, for example, lift the full boxes or even more so to lower them to the right height (this can be overcome by a rotary system, of course, but that adds other complexity.)

Sorry, I didn't mean to prattle on here, but I do want you to know that we have indeed, thought long and hard about the issue of multiple boxes on the hand loom and continue to work to bring you and other weavers the most efficient and effective looms on the market.

Last, I want you and all the other weavers out there to know that we really enjoy reading your thoughts and concerns on the Net. It's nice to know that folks still care so passionately about their equipment and serves as a bolster to the re-doubling of our efforts on your behalf.

Sincerely,  
Peter Straus  
President  
AVL Looms

To reply privately, send message to [Grimi@aol.com](mailto:Grimi@aol.com)

>From owner-weavetech@List-Server.net Mon Jan 18 22:26:38 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id WAA18004; Mon, 18 Jan 1999 22:26:38 -0700 (MST)  
Received: from montana.avicom.net (www2.avicom.net [208.128.130.2]) by salmon.esosoft.net (8.8.5) id WAA17997; Mon, 18 Jan 1999 22:26:36 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host www2.avicom.net [208.128.130.2] claimed to be montana.avicom.net  
Received: from vonnie (dialup180.avicom.net [208.128.130.180])  
by montana.avicom.net (8.9.1a/8.9.1) with SMTP id WAA21394  
for <weavetech@list-server.net>; Mon, 18 Jan 1999 22:26:46 -0700 (MST)  
Message-ID: <004c01be436b\$27e2f6e0\$0502a8c0@vonnies>  
From: "Yvonne Coopmans" <coops@avicom.net>

# WeaveTech Archive 9901

To: <weavetech@list-server.net>  
Subject: Re. File Exchange via the ANWG Website  
Date: Mon, 18 Jan 1999 22:12:08 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hello,

For those who are interested in a place where files may be posted and retrieved,  
the ANWG webmaster has asked that I pass this information on to you.

"In order to have a place where fiber artists can upload files for everyone to download, I am making space available on the ANWG website. The address will be ftp://anwg.org and there is a readme.txt file in the pub/weavers/ folder. Please read this before uploading any files. Files will be uploaded into the incoming/ folder. If you have any questions or suggestions, please contact me.

Thanks,  
Jerry Coopmans"  
jerry@anwg.org

Yvonne in Bozeman, where our winter is behaving very civilized-like.

To reply privately, send message to "Yvonne Coopmans" <coops@avicom.net>

>From owner-weavetech@List-Server.net Tue Jan 19 05:00:27 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA04926; Tue, 19 Jan 1999 05:00:27 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id FAA04922; Tue, 19 Jan 1999 05:00:26 -0700 (MST)  
Received: from authoriu (balto-ts1-port088.x-press.net [209.150.113.88])  
 by cpcug.org (8.9.1a/8.9.1) with SMTP id HAA17193  
 for <weavetech@List-Server.net>; Tue, 19 Jan 1999 07:00:26 -0500 (EST)  
Message-Id: <3.0.3.32.19990119065828.006cb3f0@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Tue, 19 Jan 1999 06:58:28 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Re: Double Box Issues, long  
In-Reply-To: <6aab2b7a.36a4083e@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I, for one, am grateful to hear from Tom & Peter about the design decisions that went into various looms or other equipment. Knowing the issues the

## WeaveTech Archive 9901

mfg sorted out during the design process helps me sort out the features I need/like as I consider the purchase of a loom. I'd like other weaving equipment mfgs to share these ideas (both the discarded ones & the accepted ones) with us.

Tom & Peter: can you also address for us the issue of why the computer controlled AVL must have two treadles? I gather from the discussion on this list that doobby control requires two, but a computer-controlled loom could be handled by one treadle. Perhaps AVL could include a treadle conversion kit with its upgrade for computer-assisted weaving. Or perhaps you could produce two different kinds of treadles--a single & a double. I'm particularly attracted to the idea of a single, wide treadle (you could use either foot) for the computer-assisted loom.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Tue Jan 19 06:58:56 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA24821; Tue, 19 Jan 1999 06:58:56 -0700 (MST)  
Received: from darius.concentric.net (darius.concentric.net [207.155.184.79]) by salmon.esosoft.net (8.8.5) id GAA24810; Tue, 19 Jan 1999 06:58:55 -0700 (MST)  
Received: from newman.concentric.net (newman [207.155.184.71])  
by darius.concentric.net (8.9.1a/(98/12/15 5.12))  
id IAA05408; Tue, 19 Jan 1999 08:58:58 -0500 (EST)  
[1-800-745-2747 The Concentric Network]  
Received: from concentric.net (ts002d14.tuc-az.concentric.net [206.173.160.74])  
by newman.concentric.net (8.9.1a)  
id IAA27382; Tue, 19 Jan 1999 08:58:56 -0500 (EST)  
Message-ID: <36A48F80.4E3E075@concentric.net>  
Date: Tue, 19 Jan 1999 06:58:24 -0700  
From: Marge Coe <MargeCoe@concentric.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Double Box Issues, long  
References: <3.0.3.32.19990119065828.006cb3f0@cpcug.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Ruth Blau wrote:

> Tom & Peter: can you also address for us the issue of why the computer  
> controlled AVL must have two treadles? I gather from the discussion on  
> this list that doobby control requires two, but a computer-controlled loom  
> could be handled by one treadle.

A thing to ponder while we're waiting to hear from Peter & globetrotting Tom. With the current two treadle system, if the Compu part goes into terminal fits (either AVL's black box, our third party PC, or the electric company) one can remount the chain gizmo, peg the bars, and continue weaving by candlelight. One wouldn't want to, but one can. Single treadle modifications that are readily reversible would be the answer, no?

Margaret

# WeaveTech Archive 9901

Yet another weaver with a challenged leg.

-----  
MargeCoe@concentric.net  
Tucson, AZ, USA  
-----

To reply privately, send message to Marge Coe <MargeCoe@concentric.net>

>From owner-weavetech@List-Server.net Tue Jan 19 07:22:55 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA00442; Tue, 19 Jan 1999 07:22:55 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id HAA00436; Tue, 19 Jan 1999 07:22:54 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to be mail.twave.net  
Received: from [208.246.1.152] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTMP id da905999 for <weavetech@list-server.net>; Tue, 19 Jan 1999 09:22:46 -0500  
Message-Id: <3.0.5.32.19990119092213.007c9a10@twave.net>  
X-Sender: picnic@twave.net (Unverified)  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Tue, 19 Jan 1999 09:22:13 -0500  
To: weavetech@list-server.net  
From: "Diane B. Fields" <picnic@twave.net>  
Subject: Re: challenged legs/solutions  
In-Reply-To: <36A48F80.4E3E075@concentric.net>  
References: <3.0.3.32.19990119065828.006cb3f0@cpcug.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Margaret  
>Yet another weaver with a challenged leg.

I know almost all of you are AVLers, but I too have a 'challenged leg'-and use a large Macomber. In fact I had to take most of '98 off because I had developed severe tendinitis in one knee. It was something that I had long wanted to do under other circumstances (a mini sabbatical) to develop ideas related to surface design (which I did develop and they are evolving fairly quickly into my regular work-having long been an ikat/complex weave person). But--the crux of the problem was solving having to lift with that one large Macomber pedal-(computerized 20 shaft). A Swiss engineer friend designed and built a fairly reasonable (pricewise) and fairly simple air lift system that works like a charm. I did not want to opt for the relatively expensive air doobby system that Macomber sells and I did not want to switch to another loom. Granted, you have to have a mind like a Swiss engineer (<G>) to do these things RIGHT, but there are always 'ways', as he says. I told him what I needed-and he found all the parts and made them work efficiently after much measuring and thinking. It uses a simple pedal that needs no strength applied to it-can be made to lift faster or slower, can be made to hold shafts up or have the pedal to the floor (which I prefer while I'm threading). After many many years of weaving full time, I was afraid I was going to have to give it up-altho' now I'm healthy again-and back to full time weaving. Approaching 60 next month, I wonder how many MORE years I'll be doing this full time <VBG>?? I guess if everything 'holds', many many more. Hope all of you with 'challenged legs' come up with a good solution also.

---  
Diane B. Fields  
Designer/colorist/weaver of interior textiles

# WeaveTech Archive 9901

picnic@twave.net

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Tue Jan 19 09:04:14 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA22579; Tue, 19 Jan 1999 09:04:14 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id JAA22567; Tue, 19 Jan 1999 09:04:11 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id LAA00844  
for <weavetech@List-Server.net>; Tue, 19 Jan 1999 11:04:14 -0500 (EST)  
Date: Tue, 19 Jan 1999 11:04:14 -0500 (EST)  
Message-Id: <199901191604.LAA00844@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: Double Box Issues, long  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 06:58 AM 1/19/99 -0500, you wrote:

> can you also address for us the issue of why the computer  
>controlled AVL must have two treadles? I gather from the discussion on  
>this list that doobby control requires two, but a computer-controlled loom  
>could be handled by one treadle.  
>Ruth  
>rsblau@cpcug.org  
>Arlington, Virginia USA

REPLY:

There is no absolute reason why the AVL must be controlled by two treadles either as a mechanical doobby or as a computer doobby.

In the case of the mechanical doobby, while AVL has designed it such that one treadle operated the knife to open the shed and the other treadle moves the chain to the next pick, there is no reason it absolutely has to be this way. All our handloom doobbies of the mechanical variety operated from one treadle and the chain cylinder mechanism is self-acting. At the same time, the cylinder can be moved ahead or back to return to the correct shed following a pick-out. Again, this is just a design decision on the part of AVL rather than some physical absolute.

For the computer doobby, the same is essentially true. There is no physically absolute reason why two treadles are needed. As presently designed and manufactured by AVL, one treadle operates the knife as on the mechanical doobby and the other treadle simple assists the knife to return to its full up position so as to prevent misselection on the next shed. In fact, if the main operating treadle is allowed to raise quickly, the knife will all but return to the uppermost position. The secondary treadle is needed to effect a more positive return. In the interest of experimentation, here at SU, I disconnected the cable between the knife and the secondary treadle and temporarily installed a tension spring on the outer end of the knife to create a positive return. Once the proper length and tension of spring was found, the loom operated perfectly with only the main treadle.

# WeaveTech Archive 9901

The advantage of operating a dobbie equipped handloom with one treadle, aside from the special requirements for those operators who have only one fully functional lower extremity, is ease efficiency. The rythm of a single treadle is considerable smoother than that with two since the up-down treadle movement coordinates better with the lay movement. Weaving at 60ppm or better with a single treadle would require more effort with two since double the leg movements would be required.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Develpment  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 19 09:39:25 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA29906; Tue, 19 Jan 1999 09:39:25 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id JAA29898; Tue, 19 Jan 1999 09:39:24 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id LAA16270  
for <weavetech@list-server.net>; Tue, 19 Jan 1999 11:39:28 -0500 (EST)  
Date: Tue, 19 Jan 1999 11:39:28 -0500 (EST)  
Message-Id: <199901191639.LAA16270@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@list-server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: MULTI-BOX HANDLOOM FLY SHUTTLE  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

TO ALL:

Peter Strauss of AVL, in response to a discussion on this topic and in part in response to my comments on same, wrote recently regarding AVL's design thought behing their multi-box fly shuttle:

> if you have, as suggested independently controlled  
>boxes then it would require a lot of thought to make sure that the box you  
>are throwing to is empty. As Jim Ahrens designed it, however, you have  
>counter-balanced boxes so when the ones on the right go down, the ones on  
>the left go up and vice versa...there's no thinking...you should be able to  
>just weave, because there's ALWAYS going to be an open box to throw into.  
>  
>On a three or four box system, independent control becomes more feasible,  
>of course, but it would require independent controls for each side and a  
>lot of thinking.

This statement find somewhat troubling in that it appears to gainsay the

## WeaveTech Archive 9901

ability of handloom weavers to figure out, memorise and function with a box change sequence where several fillings are needed so as to always have an empty box on the receiving side. Clearly, not all handloom weavers would want to deal with such a chore. However, as a compromise in loom design, I find it faulty in that the severe loss of weaving flexibility would be, in my way of thinking, not worth the slight gain in not having to think about always having an empty box on the receiving side. Having woven lots with independently controllable boxes on a handloom fly shuttle, I can say that while Peter is correct in that one must think through the shuttle sequence same as on a powerloom, if a mistake is made, the result on a handloom is not nearly as drastic as under power. Thinking, though inconvenient at times, is not known to be fatal and once a sequence is established and memorised, working it actually requires less thinking than Peter's comments would suggest.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 19 11:14:14 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA21734; Tue, 19 Jan 1999 11:14:14 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id LAA21719; Tue, 19 Jan 1999 11:14:13 -0700 (MST)  
Received: from authoriu (balto-ts1-port173.x-press.net [209.150.113.173]) by cpcug.org (8.9.1a/8.9.1) with SMTP id NAA18765 for <weavetech@List-Server.net>; Tue, 19 Jan 1999 13:14:15 -0500 (EST)  
Message-Id: <3.0.3.32.19990119131210.006c2934@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Tue, 19 Jan 1999 13:12:10 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Re: computer-driven looms  
In-Reply-To: <3.0.5.32.19990119092213.007c9a10@twave.net>  
References: <36A48F80.4E3E075@concentric.net>  
<3.0.3.32.19990119065828.006cb3f0@cpcug.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Diane wrote:

>I know almost all of you are AVLers, ... <snip>

Oh, no! Not at all! I (like many others on this list) don't have either a doobby- or computer-driven loom, and sometimes the terminology baffles me. For example, in the context of weaving, what is the "knife"?

I read the computer stuff avidly, however, because I'm in the process of trying to decide (1) \*if\* I want to move to a computer-driven loom, and (2)

# WeaveTech Archive 9901

if so, which one.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Tue Jan 19 11:24:56 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA24253; Tue, 19 Jan 1999 11:24:56 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id LAA24238; Tue, 19 Jan 1999 11:24:55 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42]) by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id NAA05150 for <weavetech@List-Server.net>; Tue, 19 Jan 1999 13:24:59 -0500 (EST)  
Date: Tue, 19 Jan 1999 13:24:59 -0500 (EST)  
Message-Id: <199901191824.NAA05150@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: computer-driven looms  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 01:12 PM 1/19/99 -0500, you wrote:

>For example, in the context of weaving, what is the "knife"?

>Ruth  
>rsblau@cpcug.org

REPLY:

The "...knife..." is the nomenclature for the arm which actually raises and lowers the shafts on a dobbie. This is the common trade term for this part.

AAF  
ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 19 11:36:34 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA26596; Tue, 19 Jan 1999 11:36:34 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id LAA26591; Tue, 19 Jan 1999 11:36:33 -0700 (MST)

## WeaveTech Archive 9901

Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id NAA10421  
for <weavetech@List-Server.net>; Tue, 19 Jan 1999 13:36:38 -0500 (EST)  
Date: Tue, 19 Jan 1999 13:36:38 -0500 (EST)  
Message-Id: <199901191836.NAA10421@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: doups  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 12:21 PM 1/17/99 +0000, you wrote:  
>A question for Mr. Fannin; I've been reading the books of E.A.Polleslt , of  
>about 1900 or so, and he stated the doups that were constructed ( String  
>doups ) so as to enter the heddle above the eye, and then leave through  
>the eye, were superior then if they were simply entered through a heddle eye.

>To reply privately, send message to "Bill Koepp" <bgkoe@netxn.com>

REPLY:

The reference cited is probably E.A. Pousselt who early on wrote many very useful texts on textiles.

Early heddles were made of cord and were often tied directly on the shafts in a continuous way, one heddle being connected to the other. These were referred to as knitted heddles. Doups were single loops of cord attached either to the top or the bottom of a separate doup shaft. The reference to the doups entering "...heddle above the eye, and then leave through the eye..." has to do with the upper loop of the heddle as it was originally tied. The doup was passed through the loop in one direction and out through the heddle eye in the other direction. This was a very awkward system of setting up leno. Later on, while cord doups were still in use, wire heddles, usually round wire, came into use and special double eyed heddles were developed for leno wherein the cord loop forming the doup (how's that for alliteration!!) made a circle into one eye and back out the other. Still very awkward which is why the evolution in heddle design came to the flat wire doup heddles... all we used at my mill.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 19 11:47:59 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA28809; Tue, 19 Jan 1999  
11:47:59 -0700 (MST)  
Received: from mail-01.cdsnet.net (mail-01.cdsnet.net [206.107.16.35]) by

# WeaveTech Archive 9901

salmon.esosoft.net (8.8.5) id LAA28790; Tue, 19 Jan 1999 11:47:57 -0700 (MST)  
Received: (qmail 27237 invoked from network); 19 Jan 1999 18:48:01 -0000  
Received: from d01a8261.dip.cdsnet.net (HELO cdsnet.net) (208.26.130.97)  
by mail.cdsnet.net with SMTP; 19 Jan 1999 18:48:01 -0000  
Message-ID: <36A4D438.54E8A6F1@cdsnet.net>  
Date: Tue, 19 Jan 1999 10:51:37 -0800  
From: Margaret Copeland <busys@cdsnet.net>  
X-Mailer: Mozilla 4.03 [en] (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Double Box Issues, long  
References: <199901191639.JAA29919@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> There is no absolute reason why the AVL must be controlled by two treadles  
> either as a mechanical dobbie or as a computer dobbie.  
>  
> In the case of the mechanical dobbie, while AVL has designed it such that one  
> treadle operated the knife to open the shed and the other treadle moves the  
> chain to the next pick, there is no reason it absolutely has to be this way.

When my 16H AVL started giving me serious tendentious in my hip and sciatica, I took advantage of a "free" medical analysis at a local sports medicine clinic. The clinician was a bit puzzled why I was there as I wasn't there for shin splints. However, I got my "range of motion" evaluated and some specific suggestions to improve my posture etc. for weaving. This brought up a couple issues - if assuming you have good use of both legs - from a physical standpoint - most motions are better performed in a bipolar manner. It would be better to treadle our looms with two peddles doing \*equal\* work so that both left and right leg are in balance. One treadle could do it all but it certainly would be a strain on the "working" leg. It would be better with the AVL to have each peddle give you a shed and advance the chain. With the Compudobbie (no chain) I can't imagine why this isn't done. Many spinners prefer the peddling action of a double treadle spinning wheel.

The other issue perhaps more easily solved is the \*&! bench. The relationship between the bench height, breast beam height, peddle angle and height are all integral to having a comfortable weaving position that can be sustained for a long time. The peddle angle for the legs is probably the most important. Various weavers have put blocks on the peddles, gotten comfortable office chairs (tossed the bench) or better padding. I use a backpackers inflatable pillow. It doesn't slip and provides for my posterior the best padding against the edge of the bench. I've tried tail bone doughnuts and sheepskin - not for me. This is where you need to experience but there is no reason to weave in pain. Getting back to a pain free experience took me six months of NO weaving. It isn't worth it and it certainly made me wary of long weaving projects. I now take frequent breaks - listen to my hip. Serious weight training and properly beamed warps help a great deal.

If I were a Compudobbie owner and had my Compudobbie set up, I doubt I'd want to reinstall the chain etc. I'd wait 'till power is restored !

- Margaret Copeland

To reply privately, send message to Margaret Copeland <busys@cdsnet.net>

>From owner-weavetech@List-Server.net Tue Jan 19 11:54:21 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA00612; Tue, 19 Jan 1999 11:54:21 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id LAA00601; Tue, 19 Jan 1999 11:54:20 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to

# WeaveTech Archive 9901

be mail.twave.net

Received: from [208.246.1.34] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTP id ca908546 for <weavetech@list-server.net>; Tue, 19 Jan 1999 13:54:20 -0500

Message-Id: <3.0.5.32.19990119135036.007a79f0@twave.net>

X-Sender: picnic@twave.net

X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)

Date: Tue, 19 Jan 1999 13:50:36 -0500

To: weavetech@list-server.net

From: "Diane B. Fields" <picnic@twave.net>

Subject: Re: computer-driven looms

In-Reply-To: <3.0.3.32.19990119131210.006c2934@cpcug.org>

References: <3.0.5.32.19990119092213.007c9a10@twave.net>  
<36A48F80.4E3E075@concentric.net>

<3.0.3.32.19990119065828.006cb3f0@cpcug.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

At 01:12 PM 1/19/99 -0500, you wrote:

>Diane wrote:

>>I know almost all of you are AVLers, ... <snip>

>

>Oh, no! Not at all! I (like many others on this list) don't have either a

>dobby- or computer-driven loom, and sometimes the terminology baffles me.

>For example, in the context of weaving, what is the "knife"?

I'm contrite :-( However, a lot of the AVL tech stuff baffles me too.

Diane in NC

---

Diane B. Fields

Designer/colorist/weaver of interior textiles

picnic@twave.net

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Tue Jan 19 12:07:46 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA04016; Tue, 19 Jan 1999 12:07:46 -0700 (MST)

Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id MAA04010; Tue, 19 Jan 1999 12:07:45 -0700 (MST)

Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])

by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id OAA25053

for <weavetech@List-Server.net>; Tue, 19 Jan 1999 14:07:50 -0500 (EST)

Date: Tue, 19 Jan 1999 14:07:50 -0500 (EST)

Message-Id: <199901191907.0AA25053@mailbox.syr.edu>

X-Sender: aafannin@mailbox.syr.edu

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: weavetech@List-Server.net

From: Allen Fannin <aafannin@mailbox.syr.edu>

Subject: Re: Double Box Issues, long

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

At 10:51 AM 1/19/99 -0800, you wrote:

This brought up a couple issues - if assuming

## WeaveTech Archive 9901

>you have good use of both legs - from a physical standpoint - most motions  
>are better performed in a bipolar manner.

>It would be better with the AVL to have each peddle give you a shed and  
>advance the chain .

REPLY:

Absolutely correct. This would be the ideal arrangement whether it were  
with a mechanical or a computer controlled handloom doobby.

Since our dobbies were only a single treadle, we solved the bipolar issue by  
regularly changing the "working" leg to allow rest time.

Clearly, handloom design needs more ergonomic considerations. In the not  
too recent past, handloom weavers didn't weave so much as to cause the  
physical strains some are beginning to experience, not to mention the aging  
of the handloom weaver population. Someone whose name presently escapes me  
once said in the course of a casual conversation that they felt while there  
may be fewer handloom weavers those are doing more weaving.

AAF

ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 19 12:31:24 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA09128; Tue, 19 Jan 1999  
12:31:24 -0700 (MST)  
Received: from mail2.LCIA.COM (mail.scia.net [207.30.138.60]) by salmon.esosoft.net  
(8.8.5) id MAA09121; Tue, 19 Jan 1999 12:31:23 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host mail.scia.net [207.30.138.60] claimed  
to be mail2.LCIA.COM  
Received: from woodenporch.com ([209.26.68.74]) by mail2.LCIA.COM  
(Post.Office MTA v3.5.3 release 223 ID# 0-52462U2500L250S0V35)  
with ESMTP id COM for <weavetech@list-server.net>;  
Tue, 19 Jan 1999 14:34:42 -0500  
Message-ID: <36A4DD7C.DF1DC198@woodenporch.com>  
Date: Tue, 19 Jan 1999 14:32:14 -0500  
From: Lois <books@woodenporch.com>  
X-Mailer: Mozilla 4.06 (Macintosh; I; PPC)  
MIME-Version: 1.0  
To: weavetech@list-server.net  
Subject: Re: Double Box Issues, long  
References: <199901191907.0AA25053@mailbox.syr.edu>  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-  
creator="4D4F5353"  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

# WeaveTech Archive 9901

Allen,

What is your opinion of looms that are built for weaving while standing? I am thinking of the Rio Grande in particular. I do not have one but found that I can weave longer if I stand; no back and leg aches. Trouble is most looms are not set up for standing unless you can extend and lower the treadles.

Lois

Allen Fannin wrote:

> At 10:51 AM 1/19/99 -0800, you wrote:  
>  
> This brought up a couple issues - if assuming  
> >you have good use of both legs - from a physical standpoint - most motions  
> >are better performed in a bipolar manner.  
>  
> >It would be better with the AVL to have each peddle give you a shed and  
> >advance the chain .  
>  
> REPLY:  
>  
> Absolutely correct. This would be the ideal arrangement whether it were  
> with a mechanical or a computer controlled handloom dobbie.  
>  
> Since our dobbies were only a single treadle, we solved the bipolar issue by  
> regularly changing the "working" leg to allow rest time.  
>  
> Clearly, handloom design needs more ergonomic considerations. In the not  
> too recent past, handloom weavers didn't weave so much as to cause the  
> physical strains some are beginning to experience, not to mention the aging  
> of the handloom weaver population. Someone whose name presently escapes me  
> once said in the course of a casual conversation that they felt while there  
> may be fewer handloom weavers those are doing more weaving.  
>  
> AAF  
>  
> ALLEN FANNIN, Adjunct Prof., Textile Science  
> ECR Department  
> 224 Slocum Hall  
> College for Human Development  
> Syracuse University  
> Syracuse, New York 13244-1250  
> Phone: (315) 443-1256/4635  
> FAX: (315) 443-2562  
> E-mail: <aafannin@mailbox.syr.edu>  
> Web: <http://syllabus.syr.edu/TEX/aafannin>  
>  
> To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

--

Lois Mueller  
Wooden Porch Books  
[books@woodenporch.com](mailto:books@woodenporch.com)

To reply privately, send message to Lois <[books@woodenporch.com](mailto:books@woodenporch.com)>

>From owner-weavetech@List-Server.net Tue Jan 19 12:58:11 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA13959; Tue, 19 Jan 1999  
12:58:11 -0700 (MST)

## WeaveTech Archive 9901

Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id MAA13952; Tue, 19 Jan 1999 12:58:10 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id OAA18222  
for <weavetech@List-Server.net>; Tue, 19 Jan 1999 14:58:16 -0500 (EST)  
Date: Tue, 19 Jan 1999 14:58:16 -0500 (EST)  
Message-Id: <199901191958.OAA18222@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: Double Box Issues, long  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 02:32 PM 1/19/99 -0500, you wrote:

>Allen,  
>What is your opinion of looms that are built for weaving while  
>standing?

>Lois Mueller  
>Wooden Porch Books  
>books@woodenporch.com

REPLY:

Our 32 shaft mechanical dobby sampling looms were build to be operated from a standing position. This can be difficult for long periods if legs are not alternated periodically for rest. A full standing position was not absolutely necessary since with a bench which would allow weight to be taken somewhat off the legs, the loom could still be operated quite well from a nearly standing position and yet give the advantage of greater use of the larger thigh muscles. I have talked to many older production handloom weavers, expecially European ones who also seem to prefer the advantage of weaving from a standing or nearly standing position.

AAF  
ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department  
224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Tue Jan 19 16:07:40 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA27497; Tue, 19 Jan 1999 16:07:40 -0700 (MST)  
Received: from arl-img-10.compuserve.com (arl-img-10.compuserve.com [149.174.217.140]) by salmon.esosoft.net (8.8.5) id QAA27493; Tue, 19 Jan 1999 16:07:39 -0700 (MST)  
Received: (from mailgate@localhost)

# WeaveTech Archive 9901

by arl-img-10.compuserve.com (8.8.6/8.8.6/2.17) id SAA13780  
for weavetech@list-server.net; Tue, 19 Jan 1999 18:07:16 -0500 (EST)  
Date: Tue, 19 Jan 1999 18:06:39 -0500  
From: Zdenek Mestenhauser <75061.2042@compuserve.com>  
Subject: AVL harnesses  
To: weavetech-reply <weavetech@list-server.net>  
Message-ID: <199901191807\_MC2-6740-522B@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I've enjoyed lurking the last two months and have learned a lot. Thank you all. I have a new-to-me AVL 48" 16S production dobbie. To thread it BTF, I'd like to raise all the harnesses to their maximum height. Higher than they would be using the peg to hold the dobbie arm down. Does anyone have any advice as to how to keep them all up there? Also, upon receipt of the AVL, I find I must part with an almost new Mountain Loom, 12" weaving width, 8S table loom. Foldable with warp on. I'll pay shipping w/in lower 48 states. \$375 firm. e-mail me privately at <75061.2042@compuserve.com> =

Julie in Minneapolis.

To reply privately, send message to Zdenek Mestenhauser <75061.2042@compuserve.com>

>From owner-weavetech@List-Server.net Tue Jan 19 17:44:56 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA17487; Tue, 19 Jan 1999 17:44:56 -0700 (MST)  
Received: from smtp11.bellglobal.com (smtp11.bellglobal.com [204.101.251.53]) by salmon.esosoft.net (8.8.5) id RAA17427; Tue, 19 Jan 1999 17:44:36 -0700 (MST)  
Received: from default (ppp773.on.bellglobal.com [206.172.239.5]) by smtp11.bellglobal.com (8.8.5/8.8.5) with SMTP id TAA09403 for <weavetech@List-Server.net>; Tue, 19 Jan 1999 19:46:22 -0500 (EST)  
Message-Id: <3.0.32.19990119184501.006c5274@pop1.sympatico.ca>  
X-Sender: blzzom44@pop1.sympatico.ca  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Tue, 19 Jan 1999 19:44:32 -0500  
To: weavetech@List-Server.net  
From: Ingrid Boesel <fiberworks.pcw@sympatico.ca>  
Subject: single pedal  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi everyone.

I use a wide single treadle on my other loom and at first both feet had to be used. This put an impossible strain on my lower back. Once I rigged the pedal to allow one footed use, I was again weaving in comfort.

I need a foot on the floor to brace the effort of the other foot. With the wide treadle I can now switch feet and find I still do most of my work on

# WeaveTech Archive 9901

one. But it changes from session to session.

If you find that you have trouble with your back after switching to a single pedal consider using one foot again.

And I like the idea of the spring return for the arm. As long as the spring did not add to the force needed in the lift. Perhaps a gizmo can be invented that kicks in only on the extreme end of the arm movement.

Ingrid Boesel  
Fiberworks is moving to  
<http://www.fiberworks-pcw.com>

To reply privately, send message to Ingrid Boesel <[fiberworks.pcw@sympatico.ca](mailto:fiberworks.pcw@sympatico.ca)>

>From owner-weavetech@List-Server.net Tue Jan 19 22:42:32 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id WAA19600; Tue, 19 Jan 1999 22:42:32 -0700 (MST)  
Received: from newmail.netbistro.com (newmail.netbistro.com [204.239.167.35]) by salmon.esosoft.net (8.8.5) id WAA19561; Tue, 19 Jan 1999 22:42:27 -0700 (MST)  
Received: (qmail 17440 invoked by alias); 20 Jan 1999 05:42:38 -0000  
Received: (qmail 17425 invoked from network); 20 Jan 1999 05:42:36 -0000  
Received: from ip183.dialup.pgonline.com (HELO unknown) (204.239.167.183) by newmail.netbistro.com with SMTP; 20 Jan 1999 05:42:36 -0000  
Message-ID: <MAPI.Id.0016.006175726166727930303038303038@MAPI.to.RFC822>  
In-Reply-To: <199901191931.MAA09142@salmon.esosoft.net>  
References: Conversation <199901191931.MAA09142@salmon.esosoft.net> with last message <199901191931.MAA09142@salmon.esosoft.net>  
X-MSMail-Priority: Normal  
X-Priority: 3  
To: weavetech@List-Server.net  
MIME-Version: 1.0  
From: "Laura Fry" <[laurafry@netbistro.com](mailto:laurafry@netbistro.com)>  
Subject: Re: AVL bench  
Date: Tue, 19 Jan 99 17:47:46 PST  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Like Margaret, I "tossed" my bench. I now use a heavily padded bar stool, cut down to the appropriate height. Unfortunately an attached bench doesn't allow for extreme differences in physical measurements - I'm 5'9" and just could \*not\* no matter how I tried, adjust the bench so that it felt comfortable to weave on.

The stool is tall enough so that I am nearly standing. This gave better leverage when I had the standard doobby. Now that I have the air assist, I find the stool is still comfortable even tho I don't need the physical leverage to raise the shafts.

Slightly off topic - I met another weaver at a craft fair and noticed she had braces on both wrists. I asked if she was having Carpel Tunnel Syndrom problems, and she said yes, she'd just had the surgery - which was why she had so

## WeaveTech Archive 9901

little stock in her booth. Then she said she had asked her doctor why so many people were experiencing CTS - what did they do in the "olden" days? My mouth, which seems to have a mind of its own some days said "They died." She gave me a look of stunned amazement - "That's what my doctor said!!!"

When you consider the average life span of people in the 1700-1800's most people died in their 40-50's - maybe they just didn't survive long enough to develop the repetitive motion injuries that those of us are experiencing???

Laura Fry  
working in panic mode - the weft for part of the mega warp got caught in customs....

To reply privately, send message to "Laura Fry" <laurafry@netbistro.com>

>From owner-weavetech@List-Server.net Tue Jan 19 23:06:00 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id XAA22912; Tue, 19 Jan 1999 23:06:00 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id XAA22906; Tue, 19 Jan 1999 23:05:59 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to be mail.twave.net  
Received: from [208.246.1.152] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTP id ya915432 for <weavetech@list-server.net>; Wed, 20 Jan 1999 01:06:03 -0500  
Message-Id: <3.0.5.32.19990120010526.007cfa60@twave.net>  
X-Sender: picnic@twave.net  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Wed, 20 Jan 1999 01:05:26 -0500  
To: weavetech@list-server.net  
From: "Diane B. Fields" <picnic@twave.net>  
Subject: Re: AVL bench  
In-Reply-To: <MAPI.Id.0016.00617572616672793030303830303830@MAPI.to.RFC822>  
References: <199901191931.MAA09142@salmon.esosoft.net>  
<199901191931.MAA09142@salmon.esosoft.net>  
<199901191931.MAA09142@salmon.esosoft.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

My mouth, which seems to have a mind  
>of its own some days said "They died." She gave  
>me a look of stunned amazement - "That's what  
>my doctor said!!!"

>

>When you consider the average life span of  
>people in the 1700-1800's most people died  
>in their 40-50's - maybe they just didn't survive  
>long enough to develop the repetitive motion  
>injuries that those of us are experiencing???

So, Laura, as they said on another list I'm on, "in dog years I'm dead" --LOL. However, I think you and her doctor are right on the money. Even my grandmother, by my age, certainly wouldn't have even thought of continuing a career, let alone feel she was at her peak-or approaching it. A

## WeaveTech Archive 9901

generation before that, they most likely would have been deceased and wouldn't have had to worry about 'challenged legs', carpal tunnel, and so on. However, as is said, the alternative is not so great, so I'll settle for what I have and look for the best way to avoid further problems and rectify those I can.

Diane

---

Diane B. Fields  
Designer/colorist/weaver of interior textiles  
picnic@twave.net

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Wed Jan 20 04:26:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id EAA02163; Wed, 20 Jan 1999 04:26:49 -0700 (MST)  
Received: from mail.ait.org.tw (mail.ait.org.tw [203.75.224.6]) by salmon.esosoft.net (8.8.5) id EAA02154; Wed, 20 Jan 1999 04:26:47 -0700 (MST)  
Received: from johnson.ait.org.tw ([203.75.224.245])  
by mail.ait.org.tw (8.8.8/8.8.8) with ESMTP id TAA02483  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 19:27:36 +0800 (CST)  
Message-Id: <199901201127.TAA02483@mail.ait.org.tw>  
From: "Kathleen Johnson" <kjohnson@mail.ait.org.tw>  
To: <weavetech@List-Server.net>  
Subject: Re: Silk tapestry weaving course in China  
Date: Wed, 20 Jan 1999 19:25:38 +0800  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Just got my winter Weaver's Magazine and saw an add for this great sounding course in Mainland China, at the Suzhou Silk Museum. Suzhou has been one of three main silk production centers in China since the days of the Silk Road.

Any weavers out there in Denmark who might be able to get me an e-mail contact address with the Danish Weaving Center, in Hadderslev, Denmark which will be running the first ever Chinese silk tapestry weaving course for foreigners at Suzhou starting in April? Anybody know any more details? I just visited the museum in November and it is wonderful! A course there would be great! Thanks for any info.

Kathleen JohnsoninTaipei  
kjohnson@mail.ait.org.tw

To reply privately, send message to "Kathleen Johnson" <kjohnson@mail.ait.org.tw>

>From owner-weavetech@List-Server.net Wed Jan 20 05:27:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA10099; Wed, 20 Jan 1999 05:27:49 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id

# WeaveTech Archive 9901

FAA10088; Wed, 20 Jan 1999 05:27:47 -0700 (MST)  
Received: from authoriu (balto-ts1-port055.x-press.net [209.150.113.55])  
by cpcug.org (8.9.1a/8.9.1) with SMTP id HAA19372  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 07:27:46 -0500 (EST)  
Message-Id: <3.0.3.32.19990120072545.006ce35c@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Wed, 20 Jan 1999 07:25:45 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Eliz Wayland Barber (long)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

A member of this list requested that those of us who had the opportunity to hear Elizabeth Wayland Barber speak at the Smithsonian report back to the list. Dr. Barber is the author of "Prehistoric Textiles," "Women's Work: The First 20,000 Years," and (just out) "The Mummies of Urumchi." If you went to Convergence last summer (and stayed till the very end), you might have heard Dr. Barber's talk at the closing meeting.

Those of us in the Wash, DC, area were actually treated to a double-dose of Dr. Barber yesterday. Thanks to the word being quickly passed among the weaving community, we learned that she was to be interviewed for an hour at noon on one of our public radio stations. What a treat to listen to a talk show/call-in show in which people were asking intelligent questions about weaving (e.g.: "Do you think the work was done on warp-weighted looms?"  
Answ: no, probably some kind of ground loom or possibly backstrap).

In her lecture, Dr. Barber traced the presumed origins of the caucasiod people found mummified in the Tamrin Basin in what is now Chinese Turkestan. (Carbon dating has placed the mummies themselves at approximately 2000 before the Christian Era, roughly equivalent to the period of the better-known mummies in Egypt.) Two factors lead the academic community to point to Mesopotamia (what we all learned in 5th grade to call "The Fertile Crescent," she said) as the place of origination for this group: the fact that they had wooly sheep and the fact that they had wheat. Both had been originally domesticated in Mesopotamia.

About the wheat: the mummies were buried w/ small baskets of wheat (just about the only non-textile item found in the graves). Populations further to the north consumed mainly millet, she said, and those to the south rice (I believe this information came during the radio show, not the Smithsonian talk). Aside from these people, wheat, which was well-known in Europe and the Middle East by the presumed time of the death of the mummies, was not known in Asia.

About the sheep: sheep in the wild, Dr. Barber said, were entirely hairy (a coat more like deer, she said), and it took about 1000 years of breeding to bring about wooly sheep. Dr. Barber was brought on the Urumchie team especially for her textile expertise, and she went out there fully expecting to find only vegetable-fiber textiles, she said. Instead, the textiles were exclusively wool. I have not (yet) read her book, but from her talks (both radio & at the Smithsonian), I gathered that at least three different techniques were used in producing textiles: felting, weaving, and braiding. Hats, in particular (Cherchen Man and his family had 10 hats buried in their tomb), seemed to have been felted. Weaving included both plain weave and twill techniques. The braids (about 1" wide bands) were sewn together to make a kind of strip-woven cloth. Dr. Barber said she really puzzled over this aspect of the textiles: why would a group that

## WeaveTech Archive 9901

clearly had the technology to weave wider pieces of cloth resort to this meticulous braiding & sewing? She theorizes that it was an artifact of being a herding society. Wool could be taken out into the pastures by the herders, spun there, and braided. When the herds were brought into winter pastures and the herders were confined indoors during the harshest times of year, the summer's collection of strips of braids could be sewn together to make cloth.

A listener to the call-in radio show asked Dr. Barber about the relationship of the peoples of the early Urumchie community and the Celts. The nexus between the two is that both left behind plaid twills. Dr. Barber said she went out to the dig persuaded that it was coincidence. She has since come to believe that the two groups of people had a common origin, probably somewhere in the region of present-day Austria (which suggests that the Urumchie people, who originated in Mesopotamia, migrated west before subsequently migrating east). This is not to say, she stressed, that the mummified people "were Celts." They were not, though (she said) this is the most common question she gets from the press. The two peoples simply had a common origin, and had the twill-weaving knowledge and expertise before they split into two groups, one of which migrated east and the other of which migrated west.

A fascinating aspect of the textiles from Urumchie is that they are not all natural wool colored. Many are brightly dyed. A questioner at the Smithsonian asked if Dr. Barber had any information on the plants used for dyeing. Dr. Barber said that this is still under analysis. The only information she has so far is that clearly mordants were used.

Another questioner asked if DNA studies have been done on the mummies. Apparently a *very* small amount of DNA material from the mummies has been analyzed, and this analysis seems to indicate that these people are the forebears of the current tall, light-haired, blue-eyed population in western China known as the Uigars (sp?).

I could go on and on (and I usually do <ggg>), but you no doubt have better things to do w/ your time than read email. Janet also attended the lecture, and perhaps can add to what I've written.

I did buy a copy of the new book, and spent the few minutes waiting for the lecture to start "eating my dessert first," that is, looking at the color plates in the book. They're just wonderful! The book lists at US\$35.00, but can be purchased both on-line and a local discounters for less.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Wed Jan 20 05:56:40 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA14738; Wed, 20 Jan 1999 05:56:40 -0700 (MST)  
Received: from x12.boston.juno.com (x12.boston.juno.com [205.231.101.26]) by salmon.esosoft.net (8.8.5) id FAA14733; Wed, 20 Jan 1999 05:56:38 -0700 (MST)  
Received: (from ljwilson@juno.com)  
by x12.boston.juno.com (queuemail) id DZEJV3UV; Wed, 20 Jan 1999 07:55:32 EST  
To: weavetech@List-Server.net  
Date: Wed, 20 Jan 1999 07:51:08 -0500  
Subject: Re: Thinking Weavers  
Message-ID: <19990120.075110.-32523.0.ljwilson@juno.com>  
X-Mailer: Juno 2.0.11

# WeaveTech Archive 9901

X-Juno-Line-Breaks: 0-14,19-20,29-30,34-38  
X-Juno-Att: 0  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
From: Linda J Wilson <ljwilson@juno.com>  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Allen Fannin wrote:

Thinking, though inconvenient  
>at  
>times, is not known to be fatal and once a sequence is established  
>and  
>memorised, working it actually requires less thinking than Peter's  
>comments  
>would suggest.  
>  
>AAF

Reply:

Our local guild, Syracuse Weaver's Guild, had Allen as a guest speaker on Saturday. Allen brought along a few video clips of students weaving; most of the clips were a wonderful demonstration of some of the warping and weaving techniques in his book and if pictures are worth a thousand words than video clips are worth at least a million.

Allen opened the talk with a clip of a boy (maybe 10 or 11) tying a fly (Allen also teaches fly tying). This boy was concentrating totally on the tying process, all the while chomping nonstop on a wad of gum. Someone in the audience noticed that the boy was chomping and tying in rhythm and I think, since he was doing such a great job on that fly, we're now all considering chewing gum while warping. But I think the point was that skill can be acquired at any age and that attention to rhythm and consistency of motion are important in any repetitive activity, be it fly tying, warping a loom, or weaving.

Above all, Allen challenges us all to THINK about what we're doing and how we're doing it and challenges us to make changes that will ultimately make the warping and weaving process more efficient, more enjoyable, and more productive.

Thanks Allen for a great talk.

Linda Wilson  
Syracuse, NY

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

To reply privately, send message to Linda J Wilson <ljwilson@juno.com>

>From owner-weavetech@List-Server.net Wed Jan 20 06:28:38 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA19287; Wed, 20 Jan 1999  
06:28:38 -0700 (MST)  
Received: from imo26.mx.aol.com (imo26.mx.aol.com [198.81.17.70]) by salmon.esosoft.net  
(8.8.5) id GAA19278; Wed, 20 Jan 1999 06:28:36 -0700 (MST)  
From: TBeau1930@aol.com

# WeaveTech Archive 9901

Received: from TBeau1930@aol.com  
by imo26.mx.aol.com (IM0v18.1) id OWNWa00804  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 08:28:06 -0500 (EST)  
Message-ID: <17e26f90.36a5d9e6@aol.com>  
Date: Wed, 20 Jan 1999 08:28:06 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: Adjustable Loom Bench  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 205  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Margaret, Diane, Laura and all

<< The peddle angle for the legs is probably the most important. Various weavers have put blocks on the peddles, gotten comfortable office chairs (tossed the bench) or better padding. I use a backpackers inflatable pillow. It doesn't slip and provides for my posterior the best padding against the edge of the bench. I've tried tail bone doughnuts and sheepskin - not for me. >>

Some months ago I developed an adjustable Bench for a weaver friend/fellow lister that happens to be vertically challenged<g>. She complained about the blood circulation being cut off as the edge of her bench cut into the backs of her legs and her legs would go numb. She weaves on a Macomber.

The Bench is adjustable in both height and angle swing of the seat. The seat rides on a center support that automatically moves with the body movement as the body moves back and forth.

The seat can be adjusted to swing thru an arc from 14 degrees to 20 degrees at four different heights, or it can be locked stationary level at four different heights.

Leclerc is currently fabricating the Bench to be introduced in the upcoming 99 catalog.

Those interested post me privately and I will send you a picture(attached E-mail) of the prototype and details.

Keep those beaters moving

Tom Beaudet

To reply privately, send message to TBeau1930@aol.com

>From owner-weavetech@List-Server.net Wed Jan 20 07:49:19 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA03224; Wed, 20 Jan 1999 07:49:19 -0700 (MST)  
Received: from ccrtc.com (ccrtc.com [205.243.45.34]) by salmon.esosoft.net (8.8.5) id HAA03217; Wed, 20 Jan 1999 07:49:18 -0700 (MST)  
Received: from stevensj\_home.indy.tce.com [206.230.133.97] by ccrtc.com (SMTPD32-4.07) id A70AFA90156; Wed, 20 Jan 1999 09:48:58 EST  
Message-ID: <004201be4481\$cf2486a0\$6185e6ce@stevensj\_home.indy.tce.com>  
From: "Kathleen Stevens" <hndwvnds@ccrtc.com>  
To: <weavetech@list-server.net>

# WeaveTech Archive 9901

Subject: Re: Eliz Wayland Barber (long)  
Date: Wed, 20 Jan 1999 09:33:11 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Ruth,

Thanks so much for the info--I found it very interesting. In fact, I was wondering where I could get some classes in the historic textiles so that, after being educated, would also be asked to go on such digs. And also interesting, I didn't know there is currently a group of people in NW China who are tall, blond, blue-eyed. I wonder about that group too. Thanks again. Cheers, Kathleen

-----Original Message-----

From: Ruth Blau <rsblau@cpcug.org>  
To: weavetech@List-Server.net <weavetech@List-Server.net>  
Date: Wednesday, January 20, 1999 7:28 AM  
Subject: Eliz Wayland Barber (long)

>A member of this list requested that those of us who had the opportunity to  
>hear Elizabeth Wayland Barber speak at the Smithsonian report back to the  
>list. Dr. Barber is the author of "Prehistoric Textiles," "Women's Work:  
>The First 20,000 Years," and (just out) "The Mummies of Urumchi." If you  
>went to Convergence last summer (and stayed till the very end), you might  
>have heard Dr. Barber's talk at the closing meeting.

>

>Those of us in the Wash, DC, area were actually treated to a double-dose of  
>Dr. Barber yesterday. Thanks to the word being quickly passed among the  
>weaving community, we learned that she was to be interviewed for an hour at  
>noon on one of our public radio stations. What a treat to listen to a talk  
>show/call-in show in which people were asking intelligent questions about  
>weaving (e.g.: "Do you think the work was done on warp-weighted looms?"  
>Answ: no, probably some kind of ground loom or possibly backstrap).

>

>In her lecture, Dr. Barber traced the presumed origins of the caucasiod  
>people found mummified in the Tamrin Basin in what is now Chinese  
>Turkestan. (Carbon dating has placed the mummies themselves at  
>approximately 2000 before the Christian Era, roughly equivalent to the  
>period of the better-known mummies in Egypt.) Two factors lead the academic  
>community to point to Mesopotamia (what we all learned in 5th grade to call  
>"The Fertile Crescent," she said) as the place of origination for this  
>group: the fact that they had woolly sheep and the fact that they had wheat.  
> Both had been originally domesticated in Mesopotamia.

>

>About the wheat: the mummies were buried w/ small baskets of wheat (just  
>about the only non-textile item found in the graves). Populations further  
>to the north consumed mainly millet, she said, and those to the south rice  
>(I believe this information came during the radio show, not the Smithsonian  
>talk). Aside from these people, wheat, which was well-known in Europe and  
>the Middle East by the presumed time of the death of the mummies, was not  
>known in Asia.

>

>About the sheep: sheep in the wild, Dr. Barber said, were entirely hairy (a  
>coat more like deer, she said), and it took about 1000 years of breeding to

## WeaveTech Archive 9901

>bring about wooly sheep. Dr. Barber was brought on the Urumchie team  
>especially for her textile expertise, and she went out there fully  
>expecting to find only vegetable-fiber textiles, she said. Instead, the  
>textiles were exclusively wool. I have not (yet) read her book, but from  
>her talks (both radio & at the Smithsonian), I gathered that at least three  
>different techniques were used in producing textiles: felting, weaving, and  
>braiding. Hats, in particular (Cherchen Man and his family had 10 hats  
>buried in their tomb), seemed to have been felted. Weaving included both  
>plain weave and twill techniques. The braids (about 1" wide bands) were  
>sewn together to make a kind of strip-woven cloth. Dr. Barber said she  
>really puzzled over this aspect of the textiles: why would a group that  
>clearly had the technology to weave wider pieces of cloth resort to this  
>meticulous braiding & sewing? She theorizes that it was an artifact of  
>being a herding society. Wool could be taken out into the pastures by the  
>herders, spun there, and braided. When the herds were brought into winter  
>pastures and the herders were confined indoors during the harshest times of  
>year, the summer's collection of strips of braids could be sewn together to  
>make cloth.

>  
>A listener to the call-in radio show asked Dr. Barber about the  
>relationship of the peoples of the early Urumchie community and the Celts.  
>The nexus between the two is that both left behind plaid twills. Dr.  
>Barber said she went out to the dig persuaded that it was coincidence. She  
>has since come to believe that the two groups of people had a common  
>origin, probably somewhere in the region of present-day Austria (which  
>suggests that the Urumchie people, who originated in Mesopotamia, migrated  
>west before subsequently migrating east). This is not to say, she  
>stressed, that the mummified people "were Celts." They were not, though  
>(she said) this is the most common question she gets from the press. The  
>two peoples simply had a common origin, and had the twill-weaving knowledge  
>and expertise before they split into two groups, one of which migrated east  
>and the other of which migrated west.

>  
>A fascinating aspect of the textiles from Urumchie is that they are not all  
>natural wool colored. Many are brightly dyed. A questioner at the  
>Smithsonian asked if Dr. Barber had any information on the plants used for  
>dyeing. Dr. Barber said that this is still under analysis. The only  
>information she has so far is that clearly mordants were used.

>  
>Another questioner asked if DNA studies have been done on the mummies.  
>Apparently a *very* small amount of DNA material from the mummies has been  
>analyzed, and this analysis seems to indicate that these people are the  
>forebears of the current tall, light-haired, blue-eyed population in  
>western China known as the Uigars (sp?).

>  
>I could go on and on (and I usually do <ggg>), but you no doubt have better  
>things to do w/ your time than read email. Janet also attended the  
>lecture, and perhaps can add to what I've written.

>  
>I did buy a copy of the new book, and spent the few minutes waiting for the  
>lecture to start "eating my dessert first," that is, looking at the color  
>plates in the book. They're just wonderful! The book lists at US\$35.00,  
>but can be purchased both on-line and a local discounters for less.

>  
>Ruth

>-----  
>rsblau@cpcug.org  
>Arlington, Virginia USA

>-----  
>  
>To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>

## WeaveTech Archive 9901

To reply privately, send message to "Kathleen Stevens" <hndwvnds@ccrtc.com>

>From owner-weavetech@List-Server.net Wed Jan 20 08:11:07 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA08114; Wed, 20 Jan 1999 08:11:07 -0700 (MST)  
Received: from green.up.lib.mi.us (root@green.up.lib.mi.us [198.108.240.254]) by salmon.esosoft.net (8.8.5) id IAA08085; Wed, 20 Jan 1999 08:11:01 -0700 (MST)  
Received: from pm219-05.dialip.mich.net (pm219-05.dialip.mich.net [198.110.153.15]) by green.up.lib.mi.us (8.6.12/8.6.9) with SMTP id KAA14296 for <weavetech@list-server.net>; Wed, 20 Jan 1999 10:20:35 -0600  
Date: Wed, 20 Jan 1999 10:20:35 -0600  
Message-Id: <199901201620.KAA14296@green.up.lib.mi.us>  
X-Sender: speerj@mid-pen.lib.mi.us  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@list-server.net  
From: Jessica Speer <speerj@mid-pen.lib.mi.us>  
Subject: New Member Introduction  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I'm Jessica Speer in the Upper Peninsula of Michigan. I weave wool yarn rugs and other fabrics on an 8H 62" Cranbrook and I use PCW Software to work out the weave structures and treadling. I sometimes change weaves within a shot, twill and tabby, for instance in a Rya piece. I sell my work in both "major" national shows and in "minor" more local shows and galleries. I occasionally dye yarns and I save all my thrums for inlay and Rya work.

I'm looking forward to this exchange.

Thanks, Jess

To reply privately, send message to Jessica Speer <speerj@mid-pen.lib.mi.us>

>From owner-weavetech@List-Server.net Wed Jan 20 08:11:25 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA08204; Wed, 20 Jan 1999 08:11:25 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id IAA08197; Wed, 20 Jan 1999 08:11:24 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to be mail.twave.net  
Received: from [208.246.1.113] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTP id ha917365 for <weavetech@list-server.net>; Wed, 20 Jan 1999 10:11:20 -0500  
Message-Id: <3.0.5.32.19990120101004.00794b50@twave.net>  
X-Sender: picnic@twave.net (Unverified)  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Wed, 20 Jan 1999 10:10:04 -0500  
To: weavetech@list-server.net  
From: "Diane B. Fields" <picnic@twave.net>  
Subject: Re: Eliz Wayland Barber (long)  
In-Reply-To: <3.0.3.32.19990120072545.006ce35c@cpcug.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>I did buy a copy of the new book, and spent the few minutes waiting for the  
>lecture to start "eating my dessert first," that is, looking at the color

## WeaveTech Archive 9901

>plates in the book. They're just wonderful! The book lists at US\$35.00,  
>but can be purchased both on-line and a local discounters for less.  
>  
>Ruth

Thanks so much Ruth. I just ordered the book online at Amazon and it is \$24.50 plus shipping there. I would probably not have thought about buying it (at least not so soon) without your terrific synopsis of the talk.

Diane

---

Diane B. Fields  
Designer/colorist/weaver of interior textiles  
picnic@twave.net

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Wed Jan 20 08:57:40 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA17720; Wed, 20 Jan 1999 08:57:40 -0700 (MST)  
Received: from imo27.mx.aol.com (imo27.mx.aol.com [198.81.17.71]) by salmon.esosoft.net (8.8.5) id IAA17708; Wed, 20 Jan 1999 08:57:35 -0700 (MST)  
From: DrmWver999@aol.com  
Received: from DrmWver999@aol.com  
by imo27.mx.aol.com (IM0v18.1) id 8UUTa06037  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 10:56:52 -0500 (EST)  
Message-ID: <f89ec2b4.36a5fcc4@aol.com>  
Date: Wed, 20 Jan 1999 10:56:52 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Eliz Wayland Barber  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 236  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

In a message dated 1/20/99 7:29:10 AM Central Standard Time, owner-weavetech-digest@List-Server.net writes:

<< Eliz Wayland Barber >>

For those of you in the Chicago area, Dr. Barber will be presenting that same presentation at the Chicago Botannical Gardens on March 27, 1999. There are two sessions, at 11am and 3pm.

Lynn Smetko

To reply privately, send message to DrmWver999@aol.com

>From owner-weavetech@List-Server.net Wed Jan 20 09:25:19 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA23605; Wed, 20 Jan 1999 09:25:19 -0700 (MST)  
Received: from internet.roadrunner.com (root@internet.roadrunner.com [198.59.109.7]) by salmon.esosoft.net (8.8.5) id JAA23594; Wed, 20 Jan 1999 09:25:17 -0700 (MST)  
Received: from roadrunner.com (diallv114.roadrunner.com [198.59.109.114])  
by internet.roadrunner.com (8.8.5/8.8.5) with ESMTTP id JAA01686  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 09:25:20 -0700 (MST)  
Message-ID: <36A60367.86ADD33@roadrunner.com>  
Date: Wed, 20 Jan 1999 09:25:11 -0700  
From: Michelle Rudy <rudyym@roadrunner.com>  
X-Mailer: Mozilla 4.5 [en] (Win98; I)

# WeaveTech Archive 9901

X-Accept-Language: en  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Re. File Exchange via the ANWG Website  
References: <004c01be436b\$27e2f6e0\$0502a8c0@vonnice>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I tried this site this am. No problem getting there, but find that I can't read the wif format. (I can read gif.) What program should I obtain to solve this problem? TIA

Michelle in White Rock NM  
mailto:rudymm@roadrunner.com

To reply privately, send message to Michelle Rudy <rudymm@roadrunner.com>

>From owner-weavetech@List-Server.net Wed Jan 20 10:06:41 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA03585; Wed, 20 Jan 1999 10:06:41 -0700 (MST)  
Received: from burgoyne.com (burgoyne.com [209.197.0.8]) by salmon.esosoft.net (8.8.5) id KAA03580; Wed, 20 Jan 1999 10:06:40 -0700 (MST)  
Received: from moms233 (pmey27.burgoyne.com [209.197.5.80])  
by burgoyne.com (8.8.7/8.8.6) with SMTP id KAA23021  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 10:06:44 -0700  
Message-ID: <003001be4497\$a80c9560\$053f3fc8@moms233>  
From: "Judie Eatough" <jeatough@cougar.netutah.net>  
To: <weavetech@List-Server.net>  
Subject: Re: Re. File Exchange via the ANWG Website  
Date: Wed, 20 Jan 1999 10:09:33 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>I tried this site this am. No problem getting there, but find that I  
>can't read the wif format. (I can read gif.) What program should I  
>obtain to solve this problem? TIA

The wif format is a text file (you can load it into any text editor/word processor) that stores weaving information to be read into a weaving program that then produces the weaving draft graphically. You need weaving software that supports the wif format.

Fiberworks, Patternland, WeaveIt, ProWeave are some of the ones that support this format. Some only support a few of the features (threading, treadling, but not color) in the wif format. See <http://www.mhsoft.com/> for details.

Judie

# WeaveTech Archive 9901

To reply privately, send message to "Judie Eatough" <jeatough@cougar.netutah.net>

>From owner-weavetech@List-Server.net Wed Jan 20 10:23:08 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA07037; Wed, 20 Jan 1999 10:23:08 -0700 (MST)  
Received: from proxy.vvm.com (root@proxy.vvm.com [204.71.94.238]) by salmon.esosoft.net (8.8.5) id KAA07032; Wed, 20 Jan 1999 10:23:07 -0700 (MST)  
Received: from ns.vvm.com (ns.vvm.com [204.71.94.1])  
by proxy.vvm.com (8.9.1/8.9.1) with ESMTP id LAA20086  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 11:25:49 -0600  
Received: from fov (ta05-225.vvm.com [208.131.144.225])  
by ns.vvm.com (8.9.2/8.9.2) with SMTP id LAA12513  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 11:13:06 -0600 (EST)  
Message-ID: <002601be4498\$e7016a60\$e19083d0@fov>  
From: "Crystal French" <raincrow@vvm.com>  
To: <weavetech@List-Server.net>  
Subject: Re: Eliz Wayland Barber (long)  
Date: Wed, 20 Jan 1999 11:18:29 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Ruth,  
Thank you for the post. I thoroughly enjoyed reading it. I wish the National Library Service would select books like this for transcription, but seldom is the case.

When I hear descriptions of textiles that are thousands of years old it always sets me to wondering about present day weaving. It will not matter to me a hundred years from now rather someone is still enjoying a rug or wallhanging that I have woven, but I hate to think that it will be easily tossed into a landfill. Then again, maybe an archeologist will dig it up in a thousand years from now.

In our society today it just seems that most people never really think about textiles.

Thanks again, Ruth.

Crystal  
raincrow@vvm.com  
-----Original Message-----  
From: Ruth Blau <rsblau@cpcug.org>  
To: weavetech@List-Server.net <weavetech@List-Server.net>  
Date: Wednesday, January 20, 1999 6:20 AM  
Subject: Eliz Wayland Barber (long)

>A member of this list requested that those of us who had the opportunity to  
>hear Elizabeth Wayland Barber speak at the Smithsonian report back to the  
>list. Dr. Barber is the author of "Prehistoric Textiles," "Women's Work:  
>The First 20,000 Years," and (just out) "The Mummies of Urumchi." If you  
>went to Convergence last summer (and stayed till the very end), you might  
>have heard Dr. Barber's talk at the closing meeting.

# WeaveTech Archive 9901

>

>Those of us in the Wash, DC, area were actually treated to a double-dose of  
>Dr. Barber yesterday. Thanks to the word being quickly passed among the  
>weaving community, we learned that she was to be interviewed for an hour at  
>noon on one of our public radio stations. What a treat to listen to a talk  
>show/call-in show in which people were asking intelligent questions about  
>weaving (e.g.: "Do you think the work was done on warp-weighted looms?"  
>Answ: no, probably some kind of ground loom or possibly backstrap).

>

>In her lecture, Dr. Barber traced the presumed origins of the caucasiod  
>people found mummified in the Tamrin Basin in what is now Chinese  
>Turkestan. (Carbon dating has placed the mummies themselves at  
>approximately 2000 before the Christian Era, roughly equivalent to the  
>period of the better-known mummies in Egypt.) Two factors lead the academic  
>community to point to Mesopotamia (what we all learned in 5th grade to call  
>"The Fertile Crescent," she said) as the place of origination for this  
>group: the fact that they had woolly sheep and the fact that they had wheat.  
> Both had been originally domesticated in Mesopotamia.

>

>About the wheat: the mummies were buried w/ small baskets of wheat (just  
>about the only non-textile item found in the graves). Populations further  
>to the north consumed mainly millet, she said, and those to the south rice  
>(I believe this information came during the radio show, not the Smithsonian  
>talk). Aside from these people, wheat, which was well-known in Europe and  
>the Middle East by the presumed time of the death of the mummies, was not  
>known in Asia.

>

>About the sheep: sheep in the wild, Dr. Barber said, were entirely hairy (a  
>coat more like deer, she said), and it took about 1000 years of breeding to  
>bring about woolly sheep. Dr. Barber was brought on the Urumchie team  
>especially for her textile expertise, and she went out there fully  
>expecting to find only vegetable-fiber textiles, she said. Instead, the  
>textiles were exclusively wool. I have not (yet) read her book, but from  
>her talks (both radio & at the Smithsonian), I gathered that at least three  
>different techniques were used in producing textiles: felting, weaving, and  
>braiding. Hats, in particular (Cherchen Man and his family had 10 hats  
>buried in their tomb), seemed to have been felted. Weaving included both  
>plain weave and twill techniques. The braids (about 1" wide bands) were  
>sewn together to make a kind of strip-woven cloth. Dr. Barber said she  
>really puzzled over this aspect of the textiles: why would a group that  
>clearly had the technology to weave wider pieces of cloth resort to this  
>meticulous braiding & sewing? She theorizes that it was an artifact of  
>being a herding society. Wool could be taken out into the pastures by the  
>herders, spun there, and braided. When the herds were brought into winter  
>pastures and the herders were confined indoors during the harshest times of  
>year, the summer's collection of strips of braids could be sewn together to  
>make cloth.

>

>A listener to the call-in radio show asked Dr. Barber about the  
>relationship of the peoples of the early Urumchie community and the Celts.  
>The nexus between the two is that both left behind plaid twills. Dr.  
>Barber said she went out to the dig persuaded that it was coincidence. She  
>has since come to believe that the two groups of people had a common  
>origin, probably somewhere in the region of present-day Austria (which  
>suggests that the Urumchie people, who originated in Mesopotamia, migrated  
>west before subsequently migrating east). This is not to say, she  
>stressed, that the mummified people "were Celts." They were not, though  
>(she said) this is the most common question she gets from the press. The  
>two peoples simply had a common origin, and had the twill-weaving knowledge  
>and expertise before they split into two groups, one of which migrated east  
>and the other of which migrated west.

>

>A fascinating aspect of the textiles from Urumchie is that they are not all

## WeaveTech Archive 9901

>natural wool colored. Many are brightly dyed. A questioner at the  
>Smithsonian asked if Dr. Barber had any information on the plants used for  
>dyeing. Dr. Barber said that this is still under analysis. The only  
>information she has so far is that clearly mordants were used.  
>  
>Another questioner asked if DNA studies have been done on the mummies.  
>Apparently a \*very\* small amount of DNA material from the mummies has been  
>analyzed, and this analysis seems to indicate that these people are the  
>forebears of the current tall, light-haired, blue-eyed population in  
>western China known as the Uigars (sp?).  
>  
>I could go on and on (and I usually do <ggg>), but you no doubt have better  
>things to do w/ your time than read email. Janet also attended the  
>lecture, and perhaps can add to what I've written.  
>  
>I did buy a copy of the new book, and spent the few minutes waiting for the  
>lecture to start "eating my dessert first," that is, looking at the color  
>plates in the book. They're just wonderful! The book lists at US\$35.00,  
>but can be purchased both on-line and a local discounters for less.  
>  
>Ruth  
>-----  
>rsblau@cpcug.org  
>Arlington, Virginia USA  
>-----  
>  
>To reply privately, send message to Ruth Blau <rsblau@cpcug.org>  
>

To reply privately, send message to "Crystal French" <raincrow@vvm.com>

>From owner-weavetech@List-Server.net Wed Jan 20 16:10:10 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA04949; Wed, 20 Jan 1999  
16:10:10 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id  
QAA04940; Wed, 20 Jan 1999 16:10:09 -0700 (MST)  
Received: from authoriu (balto-ts1-port097.x-press.net [209.150.113.97])  
by cpcug.org (8.9.1a/8.9.1) with SMTP id SAA13432  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 18:10:14 -0500 (EST)  
Message-Id: <3.0.3.32.19990120180811.006cecd0@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Wed, 20 Jan 1999 18:08:11 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Re: Eliz Wayland Barber (long)  
In-Reply-To: <004201be4481\$cf2486a0\$6185e6ce@stevensj\_home.indy.tce.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>And also  
>interesting, I didn't know there is currently a group of people in NW China  
>who are tall, blond, blue-eyed.

Yes indeed--these are the Uigar. I saw some when I was in Beijing in the  
mid-80s. I wouldn't have known that I was seeing a Chinese man (he looked  
Western European) had not my daughter (something of a China expert at the  
time plus fluent Mandarin speaking) pointed them out to me.

## WeaveTech Archive 9901

Dr. Barber told a charming story last night. She & another member of the archeology team (a westerner) were accompanied by a local man from Urumchie on a taxi ride. The three got into the cab speaking English, but then their guide turned to the driver & gave instructions in (??whatever dialect??). The taxi driver was astonished and asked the man where he learned to speak such good (?whatever it was?). The man (tall, medium-to-light hair, round but brown eyes, said Dr. Barber) told the driver, "I was born here & have lived here all my life." She showed a slide of the gentleman with the other archeologist. He looked Swiss, German, Central European, North American--but definitely not Asian.

I believe (like the Ainu in Japan) there is a fair amount of prejudice against these western-looking people in China, but I would be happy to be corrected in that by someone who knows more about it than I do.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Wed Jan 20 17:49:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA25473; Wed, 20 Jan 1999 17:49:53 -0700 (MST)  
Received: from green.up.lib.mi.us (root@green.up.lib.mi.us [198.108.240.254]) by salmon.esosoft.net (8.8.5) id RAA25456; Wed, 20 Jan 1999 17:49:46 -0700 (MST)  
Received: from pm219-02.dialip.mich.net (pm219-02.dialip.mich.net [198.110.153.12]) by green.up.lib.mi.us (8.6.12/8.6.9) with SMTP id TAA15302 for <weavetech@List-Server.net>; Wed, 20 Jan 1999 19:59:45 -0600  
Date: Wed, 20 Jan 1999 19:59:45 -0600  
Message-Id: <199901210159.TAA15302@green.up.lib.mi.us>  
X-Sender: speerj@mid-pen.lib.mi.us  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Jessica Speer <speerj@mid-pen.lib.mi.us>  
Subject: Dr./Barber's Book  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I'm new, and I missed the early part of this. What is the name of Dr. Barber's book and who is the publisher, etc. Thanks, Jess

To reply privately, send message to Jessica Speer <speerj@mid-pen.lib.mi.us>

>From owner-weavetech@List-Server.net Wed Jan 20 18:44:29 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA06912; Wed, 20 Jan 1999 18:44:29 -0700 (MST)  
Received: from smtp2.jps.net (smtp2.jps.net [209.63.224.235]) by salmon.esosoft.net (8.8.5) id SAA06850; Wed, 20 Jan 1999 18:44:15 -0700 (MST)  
Received: from fvjn5 (209-239-204-54.oak.jps.net [209.239.204.54]) by smtp2.jps.net (8.8.5/8.8.5) with SMTP id RAA27534 for <weavetech@List-Server.net>; Wed, 20 Jan 1999 17:44:22 -0800 (PST)  
Message-ID: <002a01be44de\$943544a0\$36ccefd1@fvjn5>  
From: "Betty Lou Whaley" <enbwhaley@jps.net>  
To: <weavetech@List-Server.net>  
Subject: Re: Eliz Wayland Barber (long)  
Date: Wed, 20 Jan 1999 17:37:10 -0800

# WeaveTech Archive 9901

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

-----Original Message-----

From: Ruth Blau <rsblau@cpcug.org>  
To: weavetech@List-Server.net <weavetech@List-Server.net>  
Date: Wednesday, January 20, 1999 4:30 AM  
Subject: Eliz Wayland Barber (long)

>  
>I did buy a copy of the new book, and spent the few minutes waiting for the  
>lecture to start "eating my dessert first," that is, looking at the color  
>plates in the book. They're just wonderful! The book lists at US\$35.00,  
>but can be purchased both on-line and a local discounters for less.

What is the title of this new book?

>  
>Betty  
Lou>-----  
>rsblau@cpcug.org  
>Arlington, Virginia USA  
>-----  
>  
>To reply privately, send message to Ruth Blau <rsblau@cpcug.org>  
>

To reply privately, send message to "Betty Lou Whaley" <enbwhaley@jps.net>

>From owner-weavetech@List-Server.net Wed Jan 20 19:15:03 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA13465; Wed, 20 Jan 1999  
19:15:03 -0700 (MST)  
Received: from avocet.prod.itd.earthlink.net (avocet.prod.itd.earthlink.net  
[207.217.120.50]) by salmon.esosoft.net (8.8.5) id TAA13461; Wed, 20 Jan 1999 19:15:02 -  
0700 (MST)  
Received: from earthlink.net (ip25.winston-salem3.nc.pub-ip.psi.net [38.30.48.25])  
by avocet.prod.itd.earthlink.net (8.8.7/8.8.5) with ESMTTP id SAA12054  
for <weavetech@List-Server.net>; Wed, 20 Jan 1999 18:15:07 -0800 (PST)  
Message-ID: <36A68EF1.A51501C@earthlink.net>  
Date: Wed, 20 Jan 1999 21:20:33 -0500  
From: Jane Doub <bjdoub@earthlink.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Eliz Wayland Barber (long)  
References: <3.0.3.32.19990120072545.006ce35c@cpcug.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

# WeaveTech Archive 9901

Ruth Blau wrote:

> A member of this list requested that those of us who had the opportunity to  
> hear Elizabeth Wayland Barber speak at the Smithsonian report back to the  
> list.

Ruth, thank you for the long wonderful review on Dr. Barber's lecture and interview. Her books are a must for my library now. I printed your e mail to share with my studio partners and fellow teachers.

To Betty and Jessica, Ruth stated that the titles were "Prehistoric Textiles," "Women's Work: The First 20,000 Years," and "The Mummies of Urumchi."

Jane Doub

To reply privately, send message to [bjdoub@earthlink.net](mailto:bjdoub@earthlink.net)

To reply privately, send message to Jane Doub <[bjdoub@earthlink.net](mailto:bjdoub@earthlink.net)>

>From owner-weavetech@List-Server.net Wed Jan 20 20:43:49 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id UAA29195; Wed, 20 Jan 1999 20:43:49 -0700 (MST)  
Received: from montana.avicom.net (www2.avicom.net [208.128.130.2]) by salmon.esosoft.net (8.8.5) id UAA29188; Wed, 20 Jan 1999 20:43:48 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host www2.avicom.net [208.128.130.2] claimed to be montana.avicom.net  
Received: from vonnie (dialup170.avicom.net [208.128.130.170])  
by montana.avicom.net (8.9.1a/8.9.1) with SMTP id UAA09409  
for <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>; Wed, 20 Jan 1999 20:43:57 -0700 (MST)  
Message-ID: <001f01be44ef\$1e06fec0\$0502a8c0@vonnies>  
From: "Yvonne Coopmans" <[coops@avicom.net](mailto:coops@avicom.net)>  
To: <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>  
Subject: Re: FTP made easy  
Date: Wed, 20 Jan 1999 20:35:38 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: [weavetech@list-server.net](mailto:weavetech@list-server.net)

Hi All,

Jerry and I have been fine-tuning the ANWG FTP site and have come up with a painless solution to those who would like to share WIF or graphic files. Simply attach them to an e-mail to me, and I will relay them to Jerry. Remember, anyone can download the files, we just need contributions at this point so there will be something to download. Gif, tif, jpeg, etc. will work, just keep them of a modest size.

A source for an FTP program is as follows: <http://www.download.com>

type in WS FTP in the Search. You can find others just by doing a web

# WeaveTech Archive 9901

search, too.

<http://shareware.com> also has lots of free stuff.

YvonneC@anwg.org

To reply privately, send message to "Yvonne Coopmans" <coops@avicom.net>

>From owner-weavetech@List-Server.net Wed Jan 20 21:55:28 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id VAA12214; Wed, 20 Jan 1999 21:55:28 -0700 (MST)  
Received: from ccrtc.com (ccrtc.com [205.243.45.34]) by salmon.esosoft.net (8.8.5) id VAA12209; Wed, 20 Jan 1999 21:55:26 -0700 (MST)  
Received: from stevensj\_home.indy.tce.com [206.230.133.91] by ccrtc.com (SMTPD32-4.07) id AD62CB3C0054; Wed, 20 Jan 1999 23:55:14 EST  
Message-ID: <000c01be44f8\$0241d6c0\$5b85e6ce@stevensj\_home.indy.tce.com>  
From: "Kathleen Stevens" <hndwvnds@ccrtc.com>  
To: <weavetech@list-server.net>  
Subject: Re: Eliz Wayland Barber (long)  
Date: Wed, 20 Jan 1999 23:39:17 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Can't you imagine how the Communist party could use these people as undercover operatives, fluent and Western looking -----or have I been weaving too long. Thanks for the info. Cheers, Kathleen

-----Original Message-----

From: Ruth Blau <rsblau@cpcug.org>  
To: weavetech@List-Server.net <weavetech@List-Server.net>  
Date: Wednesday, January 20, 1999 6:11 PM  
Subject: Re: Eliz Wayland Barber (long)

>>And also

>>interesting, I didn't know there is currently a group of people in NW China

>>who are tall, blond, blue-eyed.

>

>Yes indeed--these are the Uigar. I saw some when I was in Beijing in the >mid-80s. I wouldn't have known that I was seeing a Chinese man (he looked >Western European) had not my daughter (something of a China expert at the >time plus fluent Mandarin speaking) pointed them out to me.

>

>Dr. Barber told a charming story last night. She & another member of the >archeology team (a westerner) were accompanied by a local man from Urumchie >on a taxi ride. The three got into the cab speaking English, but then >their guide turned to the driver & gave instructions in (??whatever >dialect??). The taxi driver was astonished and asked the man where he >learned to speak such good (?whatever it was?). The man (tall, >medium-to-light hair, round but brown eyes, said Dr. Barber) told the >driver, "I was born here & have lived here all my life." She showed a >slide of the gentleman with the other archeologist. He looked Swiss,

## WeaveTech Archive 9901

>German, Central European, North American--but definitely not Asian.  
>  
>I believe (like the Ainu in Japan) there is a fair amount of prejudice  
>against these western-looking people in China, but I would be happy to be  
>corrected in that by someone who knows more about it than I do.  
>  
>Ruth  
>-----  
>rsblau@cpcug.org  
>Arlington, Virginia USA  
>-----  
>  
>To reply privately, send message to Ruth Blau <rsblau@cpcug.org>  
>

To reply privately, send message to "Kathleen Stevens" <hndwvnds@ccrtc.com>

>From owner-weavetech@List-Server.net Thu Jan 21 07:03:17 1999  
>Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA20119; Thu, 21 Jan 1999  
>07:03:17 -0700 (MST)  
>Received: from linknet.kitsap.lib.wa.us (linknet.kitsap.lib.wa.us [198.187.135.22]) by  
>salmon.esosoft.net (8.8.5) id HAA20107; Thu, 21 Jan 1999 07:03:15 -0700 (MST)  
>Received: from linknet.kitsap.lib.wa.us (linknet.kitsap.lib.wa.us [198.187.135.22])  
>by linknet.kitsap.lib.wa.us (8.9.1/8.9.1) with ESMTP id GAA23800  
>for <weavetech@List-Server.net>; Thu, 21 Jan 1999 06:00:07 -0800 (PST)  
>Date: Thu, 21 Jan 1999 06:00:06 -0800 (PST)  
>From: AE Silas <asilas@linknet.kitsap.lib.wa.us>  
>To: weavetech@List-Server.net  
>Subject: Re: Double Box Issues, long  
>In-Reply-To: <199901191958.0AA18222@mailbox.syr.edu>  
>Message-ID: <Pine.S04.4.05.9901210553220.23082-100000@linknet.kitsap.lib.wa.us>  
>MIME-Version: 1.0  
>Content-Type: TEXT/PLAIN; charset=US-ASCII  
>Sender: owner-weavetech@List-Server.net  
>Precedence: bulk  
>Reply-To: weavetech@list-server.net

> larger thigh muscles. I have talked to many older production handloom  
> weavers, especially European ones who also seem to prefer the advantage of  
> weaving from a standing or nearly standing position.

This reminds me -- I've made sporadic (unsuccessful) attempts to find a  
German tractor-seat factory standing chair for just such a purpose  
(originally for word processing, now for weaving on a badly-designed table  
loom). Saw them in a couple of books back when "high-tech" (i.e.  
industrial) furnishings were all the rage, but the closest I ever came was  
a tripod with a bicycle seat (IKEA) which tipped over whenever I tried to  
use it. Kinda like the NordicTrack, only not as funny.

Anyway, the idea is that you lean your backside into the tractor seat while  
standing at the assembly line. Sounded good to me (still does).

Anne in Bainbridge, a bit blabber-fingered after hauling yarn all day  
yesterday (oh, my shoulders! Oh, my back!)

Anne Silas  
asilas@krl.org  
Bainbridge Island, Washington, USA

To reply privately, send message to AE Silas <asilas@linknet.kitsap.lib.wa.us>

# WeaveTech Archive 9901

>From owner-weavetech@List-Server.net Thu Jan 21 07:32:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA25807; Thu, 21 Jan 1999 07:32:53 -0700 (MST)  
Received: from haliburtonhighlands.com (unix.haliburtonhighlands.com [207.61.107.2]) by salmon.esosoft.net (8.8.5) id HAA25796; Thu, 21 Jan 1999 07:32:48 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host unix.haliburtonhighlands.com [207.61.107.2] claimed to be haliburtonhighlands.com  
Received: from bbs.halhinet.on.ca.halhinet.on.ca (ppp16.haliburtonhighlands.com [207.61.107.16])  
by haliburtonhighlands.com (8.9.1/8.8.7) with SMTP id JAA26959  
for <weavetech@List-Server.net>; Thu, 21 Jan 1999 09:33:55 GMT  
Message-ID: <00be01be454b\$99599040\$266b3dcf@bbs.halhinet.on.ca.halhinet.on.ca>  
From: "Judy" <jchapman@halhinet.on.ca>  
To: <weavetech@List-Server.net>  
Subject: Re: Re. File Exchange via the ANWG Website  
Date: Thu, 21 Jan 1999 09:12:12 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.5  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Judie,  
I write a column in the Ontario Handweavers & spinners Bulletin called "Net News". What I do is look for textile information and reprint it with permission. I would like to reprint your explanation of the Wif format as below. Our readers are going on-line at a rapid rate and need this kind of information.

Thanks in advance.

Judy Chapman  
-----Original Message-----  
From: Judy Eatough <jeatough@cougar.netutah.net>  
To: weavetech@List-Server.net <weavetech@List-Server.net>  
Date: Wednesday, January 20, 1999 7:08 AM  
Subject: Re: Re. File Exchange via the ANWG Website

|  
|  
|>I tried this site this am. No problem getting there, but find that I  
|>can't read the wif format. (I can read gif.) What program should I  
|>obtain to solve this problem? TIA  
|  
|  
|The wif format is a text file (you can load it into any text editor/word  
|processor) that stores weaving information to be read into a weaving  
|program that then produces the weaving draft graphically. You need weaving  
|software that supports the wif format.  
|  
|Fiberworks, Patternland, WeaveIt, ProWeave are some of the ones that  
|support  
|this format. Some only support a few of the features (threading,  
|treadling,  
|but not color) in the wif format. See <http://www.mhsoft.com/> for details.

# WeaveTech Archive 9901

|  
|Judie  
|  
|  
|To reply privately, send message to "Judie Eatough"  
<jeatough@cougar.netutah.net>  
|

To reply privately, send message to "Judy" <jchapman@halhinet.on.ca>

>From owner-weavetech@List-Server.net Thu Jan 21 07:35:54 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA26725; Thu, 21 Jan 1999 07:35:54 -0700 (MST)  
Received: from haliburtonhighlands.com (unix.haliburtonhighlands.com [207.61.107.2]) by salmon.esosoft.net (8.8.5) id HAA26711; Thu, 21 Jan 1999 07:35:53 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host unix.haliburtonhighlands.com [207.61.107.2] claimed to be haliburtonhighlands.com  
Received: from bbs.halhinet.on.ca.halhinet.on.ca (ppp16.haliburtonhighlands.com [207.61.107.16])  
by haliburtonhighlands.com (8.9.1/8.8.7) with SMTP id JAA26999  
for <weavetech@List-Server.net>; Thu, 21 Jan 1999 09:37:04 GMT  
Message-ID: <00c801be454c\$0a330760\$266b3dcf@bbs.halhinet.on.ca.halhinet.on.ca>  
From: "Judy" <jchapman@halhinet.on.ca>  
To: <weavetech@List-Server.net>  
Subject: Fw: Re. File Exchange via the ANWG Website  
Date: Thu, 21 Jan 1999 09:40:44 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.5  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Sorry listers,

I had intended to send this message privately.  
Judy

. I would like to reprint your explanation of the Wif format as  
|below.

To reply privately, send message to "Judy" <jchapman@halhinet.on.ca>

>From owner-weavetech@List-Server.net Thu Jan 21 09:04:16 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA17591; Thu, 21 Jan 1999 09:04:16 -0700 (MST)  
Received: from smtp.jjj.net (postmaster@smtp.jjj.net [209.235.31.137]) by salmon.esosoft.net (8.8.5) id JAA17571; Thu, 21 Jan 1999 09:04:15 -0700 (MST)  
Received: from cc429928-a.hwr1.md.home.com (cc429928-a.hwr1.md.home.com [24.3.63.99])  
by smtp.jjj.net (8.9.1/8.9.0) with SMTP id LAA27564  
for <weavetech@List-Server.net>; Thu, 21 Jan 1999 11:01:22 -0500 (EST)  
Message-Id: <3.0.3.16.19990121110317.0ab704bc@smtp.jjj.com>  
X-Sender: wheat@smtp.jjj.com  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (16)  
Date: Thu, 21 Jan 1999 11:03:17 -0500

# WeaveTech Archive 9901

To: weavetech@List-Server.net  
From: Wheat Carr <wheat@craftwolf.com>  
Subject: Re: Double Box Issues, long  
In-Reply-To: <Pine.S04.4.05.9901210553220.23082-100000@linknet.kitsap.li  
b.wa.us>  
References: <199901191958.0AA18222@mailbox.syr.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

There is a Scandinavian company that makes a chair called something like an ErgoChair. It is mean for those who often work standing. It is very expensive. A friend who prefers to semi-stand when working hot glass and who has to stand for public demos uses one of these for 8-12 hours working stretches.

She does sell them and if anyone where interested I would email her for more details.

Wheat

-

Wheat Carr <mailto:wheat@craftwolf.com>  
<http://www.craftwolf.com/>

To reply privately, send message to Wheat Carr <wheat@craftwolf.com>

>From owner-weavetech@List-Server.net Thu Jan 21 09:52:39 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA00859; Thu, 21 Jan 1999 09:52:39 -0700 (MST)  
Received: from imo16.mx.aol.com (imo16.mx.aol.com [198.81.17.6]) by salmon.esosoft.net (8.8.5) id JAA00833; Thu, 21 Jan 1999 09:52:37 -0700 (MST)  
From: EVESTUDIO@aol.com  
Received: from EVESTUDIO@aol.com  
by imo16.mx.aol.com (IMOV18.1) id MDJJa27801  
for <weavetech@List-Server.net>; Thu, 21 Jan 1999 11:51:26 -0500 (EST)  
Message-ID: <4d733722.36a75b0e@aol.com>  
Date: Thu, 21 Jan 1999 11:51:26 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: Double Box Issues, long  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 214  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I would be interested in that chair.  
Elaine Deyo  
EVESTUDIO@aol.com

To reply privately, send message to EVESTUDIO@aol.com

>From owner-weavetech@List-Server.net Thu Jan 21 11:41:19 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA22504; Thu, 21 Jan 1999 11:41:19 -0700 (MST)

## WeaveTech Archive 9901

Received: from arl-img-12.compuserve.com (arl-img-12.compuserve.com [149.174.217.142]) by salmon.esosoft.net (8.8.5) id LAA22500; Thu, 21 Jan 1999 11:41:18 -0700 (MST)

Received: (from root@localhost)

by arl-img-12.compuserve.com (8.8.6/8.8.6/2.17) id MAA14568

for weavetech@List-Server.net; Thu, 21 Jan 1999 12:59:58 -0500 (EST)

Date: Thu, 21 Jan 1999 12:59:45 -0500

From: Sue Hunt <drloom@compuserve.com>

Subject: Re: Silk tapestry weaving course in China

To: "INTERNET:weavetech@List-Server.net" <weavetech@List-Server.net>

Message-ID: <199901211259\_MC2-677E-96BA@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain; charset=ISO-8859-1

Content-Disposition: inline

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

Message text written by INTERNET:weavetech@List-Server.net

>Any weavers out there in Denmark who might be able to get me an e-mail contact address with the Danish Weaving Center , in Hadderslev, Denmark<

I don't think Turid has e-mail but you can fax: +(45) 74 53 42 22. Adre=ss

is Turid Uthaug, Director, Danish Weaving Center, Fjelstrupvej 34, 6100 Haderslev, Denmark.

Sue

To reply privately, send message to Sue Hunt <drloom@compuserve.com>

>From owner-weavetech@List-Server.net Thu Jan 21 16:57:45 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA00503; Thu, 21 Jan 1999 16:57:45 -0700 (MST)

Received: from smtp.jjj.net (postmaster@smtp.jjj.net [209.235.31.137]) by

salmon.esosoft.net (8.8.5) id QAA00494; Thu, 21 Jan 1999 16:57:44 -0700 (MST)

Received: from cc429928-a.hwr1.md.home.com (cc429928-a.hwr1.md.home.com [24.3.63.99])

by smtp.jjj.net (8.9.1/8.9.0) with SMTP id SAA12852;

Thu, 21 Jan 1999 18:54:51 -0500 (EST)

Message-Id: <3.0.3.16.19990121185644.31070602@smtp.jjj.com>

X-Sender: wheat@smtp.jjj.com

X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (16)

Date: Thu, 21 Jan 1999 18:56:44 -0500

To: weavetech@List-Server.net

From: Wheat Carr <wheat@craftwolf.com>

Subject: RE: Sit Stand & Arm thingys

Cc: DichroicDiva@aol.com

In-Reply-To: <d4bab122.36a7ace1@aol.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

This is the info about the Sit/Stand Chair and another device which supports your arm just in "front of the elbow - Karen is a hot glass worker, but I also

use a support for my arm when doing just about any handwork.

Please email her directly for brochures or whatever - I have no interest in her

business other than spending entirely too much money buying her wonderful Beads.

## WeaveTech Archive 9901

Those who attended Convergence may have met Karen there - she was way the one making glass beads in the back corner

>missed you in Clearwater. Thought you were going to be there. Were  
>you absent because of illness or ya just dint wanna see us?  
>  
>The Arm Thingys (perfect name for them) are \$275 delivered and the  
>"Sit Stand" is in the \$650 range. I will see if there are any closeouts,  
>etc.  
>Yes, it is expensive. I used to have to go to the chiropractor and massage  
>therapy 2 - 3 times a week after doing a show. That cost me many times more  
>than this equipment. A safety consultant watched me working one day and told  
>me I would be undergoing operations fairly soon - AND - have to quit what I  
>was doing, if I did not make some changes in how I was working.  
>  
>In our RV studio, I can't use my chair because of the layout. I really  
>notice  
>it everywhere. I have to stand because I am unable to reach the kiln  
>otherwise. My feet, knees, hips and lower back hurt. I have to stand with  
>legs wide apart or stoop. Less than perfect. I am ecstatic when we can go  
>and do a show, I get to sit.  
>  
>Good to hear from you. Hug yourself tightly and drink lots of colloidal  
>silver.  
>Karen - Hot Glass Beads  
>  
>

-

Wheat Carr <mailto:wheat@craftwolf.com>  
<http://www.craftwolf.com/>

To reply privately, send message to Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>

>From owner-weavetech@List-Server.net Fri Jan 22 08:43:16 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA26052; Fri, 22 Jan 1999  
08:43:16 -0700 (MST)  
Received: from smtp13.bellglobal.com (smtp13.bellglobal.com [204.101.251.52]) by  
salmon.esosoft.net (8.8.5) id IAA26040; Fri, 22 Jan 1999 08:43:15 -0700 (MST)  
Received: from default (ppp955.on.bellglobal.com [206.172.239.187])  
by smtp13.bellglobal.com (8.8.5/8.8.5) with SMTP id KAA22149  
for <weavetech@List-Server.net>; Fri, 22 Jan 1999 10:43:31 -0500 (EST)  
Message-Id: <3.0.32.19990122104205.006d49ec@pop1.sympatico.ca>  
X-Sender: b1zzom44@pop1.sympatico.ca  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Fri, 22 Jan 1999 10:43:03 -0500  
To: weavetech@List-Server.net  
From: Ingrid Boesel <[fiberworks.pcw@sympatico.ca](mailto:fiberworks.pcw@sympatico.ca)>  
Subject: tractor seat  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Anne:

I saw many many moons ago, an article in Interwoven I think (early

## WeaveTech Archive 9901

Handwoven). It was about a very tall man who used a tractor seat, not a pretty new age thing, but a tractor seat. Perhaps farm suppliers could give you a line. He fastened it to the bottom cross brace of the loom. It would take a while to hunt this up.

We are changing servers, so please update your address book and bookmark  
Ingrid

~~~~~  
Ingrid Boesel, the weaving half of Fiberworks PCW  
Fiberworks is moving!  
Visit us at: <http://www.fiberworks-pcw.com>  
Email: [ingrid@fiberworks-pcw.com](mailto:ingrid@fiberworks-pcw.com) or  
[info@fiberworks-pcw.com](mailto:info@fiberworks-pcw.com)

To reply privately, send message to Ingrid Boesel <[fiberworks.pcw@sympatico.ca](mailto:fiberworks.pcw@sympatico.ca)>

>From owner-weavetech@List-Server.net Fri Jan 22 12:02:46 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA11015; Fri, 22 Jan 1999 12:02:46 -0700 (MST)  
Received: from mail.isg.siu.edu (mail.isg.siu.edu [146.163.5.4]) by salmon.esosoft.net (8.8.5) id MAA10956; Fri, 22 Jan 1999 12:02:31 -0700 (MST)  
Received: from 146.163.181.163 (client333.ad.siu.edu [146.163.181.163])  
by mail.isg.siu.edu (8.9.1/8.9.1) with SMTP id NAA27808  
for <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>; Fri, 22 Jan 1999 13:01:40 -0600 (CST)  
Message-ID: <36A8CBFD.21C1@siue.edu>  
Date: Fri, 22 Jan 1999 14:06:02 -0500  
From: laura strand <[lstrand@siue.edu](mailto:lstrand@siue.edu)>  
X-Mailer: Mozilla 3.01-C-MACOS8 (Macintosh; I; PPC)  
MIME-Version: 1.0  
To: [weavetech@List-Server.net](mailto:weavetech@List-Server.net)  
Subject: Macomber Computerized Looms  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: [weavetech@list-server.net](mailto:weavetech@list-server.net)

Hello, I am new to weavetech so forgive me if I repeat an old dialog. I came to a University which had already bought solenoid linking boxes for the two 10 harness Macs. These were so old that, although never installed, they were engineered to interface with an ATARI computer.

Through a grant, I upgraded both boxes a year ago. However, nothing I have tried has been successful in getting the interfaces to work. The programs work (and I have tried many,) the computer engineers tell me that the signal is getting from the computer to the box, but no one understands why the solenoids refuse to engage. I am not an engineer and really not very adept at machines. As a result I have sought help from many sources but no one has been able to explain the problem. Does anyone else have this technology who would be willing to try to help me figure it out?

I have heard from more than one other instructor that these boxes cannot be made to work. I sincerely hope that is not true.

Thanks,  
Laura Strand  
Soutner Illinois University

To reply privately, send message to laura strand <[lstrand@siue.edu](mailto:lstrand@siue.edu)>

>From owner-weavetech@List-Server.net Fri Jan 22 12:38:09 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA18659; Fri, 22 Jan 1999

# WeaveTech Archive 9901

12:38:09 -0700 (MST)

Received: from green.up.lib.mi.us (root@green.up.lib.mi.us [198.108.240.254]) by salmon.esosoft.net (8.8.5) id MAA18551; Fri, 22 Jan 1999 12:37:55 -0700 (MST)

Received: from pm219-02.dialip.mich.net (pm219-02.dialip.mich.net [198.110.153.12]) by green.up.lib.mi.us (8.6.12/8.6.9) with SMTP id OAA18000 for <weavetech@list-server.net>; Fri, 22 Jan 1999 14:48:57 -0600

Date: Fri, 22 Jan 1999 14:48:57 -0600

Message-Id: <199901222048.OAA18000@green.up.lib.mi.us>

X-Sender: speerj@mid-pen.lib.mi.us

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: weavetech@list-server.net

From: Jessica Speer <speerj@mid-pen.lib.mi.us>

Subject: Post to weavetech

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

>From: Jessica Speer <speerj@mid-pen.lib.mi.us>

>Subject: Post to weavetech

>

>>X-POP3-Rcpt: speerj@green

>>Return-Path: waynehanson@worldnet.att.net

>>X-Sender: waynehanson@postoffice.worldnet.att.net

>>Date: Fri, 22 Jan 1999 11:03:36 -0700

>>To: speerj@mid-pen.lib.mi.us

>>From: patt hanson <waynehanson@worldnet.att.net>

>>Subject: Post to weavetech

>>

>>Hi Jessica:

>>

>>Just read your intro to the weavetech list and I have a couple of questions

>>for you. My name is Patt Hanson, I live in Boulder, Colorado. I also

>>weave on an 8H, 62" Cranbrook. Have been weaving off and on for about 22

>>years. I use the PCW software, and just upgraded to the "Baby Silver" PCW.

>> Like it a lot!

>>

>>My questions: What kind of a shed do you get when using 4 or more of your

>>harnesses on the Cranbrook? And is your loom a new one or an older one, of

>>Norwood manufacture? The reason I ask these particular questions: I love

>>my Cranbrook, but have trouble getting a proper and even shed. Mine is

>>older - manufactured by Norwood, has the metal chain tie-ups and harness

>>supports. I've been out to Schacht Co (they now manufacture the Cranbrook)

>>and have looked at the changes and adjustments they have made to the loom -

>>they are using Texsolv instead of the metal chains in all areas. Any

>>little ideas you can pass along to me would be much appreciated. I weave

>>blankets and rag rugs on this loom, but not wool yarn rugs.

>>

>>My next question: You mention Rya rugs - what do you use for the warp, and

>>what yarn are you using for the weft, and where do you get it? I have made

>>one Rya, however, I bought the backing from Norway, as well as the wool -

>>all different sizes of wool from skinny to fat - wonderful rug, but would

>>like to do one on my loom. Haven't been able to find the skinny yarn for

>>the weft - I do have the fatter wool.

>>

>>I am not posting this to the big list because somehow it doesn't seem

>>technical enough. Thanks for any information you might be willing to share!

>>

>>Patt Hanson

>>waynehanson@worldnet.att.net

>>

>>

# WeaveTech Archive 9901

To reply privately, send message to Jessica Speer <speerj@mid-pen.lib.mi.us>

>From owner-weavetech@List-Server.net Fri Jan 22 13:40:55 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id NAA03528; Fri, 22 Jan 1999 13:40:55 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id NAA03522; Fri, 22 Jan 1999 13:40:54 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to be mail.twave.net  
Received: from [208.219.234.102] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTP id ha939907 for <weavetech@list-server.net>; Fri, 22 Jan 1999 15:40:45 -0500  
Message-Id: <3.0.5.32.19990122154003.007e0100@twave.net>  
X-Sender: picnic@twave.net  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Fri, 22 Jan 1999 15:40:03 -0500  
To: weavetech@list-server.net  
From: "Diane B. Fields" <picnic@twave.net>  
Subject: Re: Macomber Computerized Looms  
In-Reply-To: <36A8CBFD.21C1@siue.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 02:06 PM 1/22/99 -0500, you wrote:

>Hello, I am new to weavetech so forgive me if I repeat an old dialog. I  
>came to a University which had already bought solenoid linking boxes for  
>the two 10 harness Macs. These were so old that, although never  
>installed, they were engineered to interface with an ATARI computer.  
>  
>Through a grant, I upgraded both boxes a year ago. However, nothing I  
>have tried has been successful in getting the interfaces to work. The  
>programs work (and I have tried many,) the computer engineers tell me  
>that the signal is getting from the computer to the box, but no one  
>understands why the solenoids refuse to engage. I am not an engineer and  
>really not very adept at machines. As a result I have sought help from  
>many sources but no one has been able to explain the problem. Does  
>anyone else have this technology who would be willing to try to help me  
>figure it out?  
>  
>I have heard from more than one other instructor that these boxes cannot  
>be made to work. I sincerely hope that is not true.

Well Laura, speaking as someone who has a 20 shaft Macomber that had the Designers Delight (the big pedal that I'm guessing these have) and the original 'sort of' computer that used a key to log in programs, etc.--I have gone through the upgrade process, be it quite a number of years ago. My loom did have a box that communicated with the loom (solenoids). I bought my loom from a fabric mill where it had been used as a sample loom way back when it was about the first computerized handloom and they (the mill) were not, at that time, running a sample loom in the mill. I called Macomber and had my box upgraded (basically got new innards for it because it has to be 32 bit). At that time I used Macomber's weave program-Design Master, I think--because no one else had created the drivers for their programs to work with the Mac. That may be what you don't have--a Macomber specific loom driver. I used Proweave and then had to manually key everything into DM. I had problems with the box (I weave full time) and bought Proweave's box (which will only work with Proweave for all the obvious reasons) and have had absolutely no problems since. I also use Fiberworks and Patternland but use WIF capabilities (well, can't WIF <out>

## WeaveTech Archive 9901

yet from Fiberworks silver, Ingrid, <G>) to and from Proweave and use the Proweave loom control.

My questions to you would be what programs are you using, do they have Macomber specific drivers, <how> did you have the boxes upgraded? Since my loom probably predates the ones you are working with, then I know it is entirely possible to get everything to work--and work well.

Be glad to help in any way I can.

Diane

---

Diane B. Fields  
Designer/colorist/weaver of interior textiles  
picnic@twave.net

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Fri Jan 22 14:20:32 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id OAA11407; Fri, 22 Jan 1999 14:20:32 -0700 (MST)  
Received: from EXODUS.VALPO.EDU (exodus.valpo.edu [152.228.34.2]) by salmon.esosoft.net (8.8.5) id OAA11400; Fri, 22 Jan 1999 14:20:31 -0700 (MST)  
Received: from [152.228.37.113] by EXODUS.VALPO.EDU (PMDF V5.1-10 #20257) with SMTP id <01J6UGS8IRCK0000UU@EXODUS.VALPO.EDU> for WeaveTech@List-Server.net; Fri, 22 Jan 1999 15:20:20 CST  
Date: Fri, 22 Jan 1999 16:47:55 -0600  
From: jnordling@EXODUS.VALPO.EDU (John Nordling)  
Subject: your opinion please  
X-Sender: jnordling@exodus.valpo.edu (Unverified)  
To: WeaveTech@List-Server.net  
Message-id: <v01510101b2ceaf4f5d15@[152.228.37.113]>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have an AVL compu-dobby loom with the old doobby system and cartridge in it. I program the cartridge and weave, as the computer needs to reside most of the time away from my loom. (Or I won't have a phone connection for one thing.) Anyway, for those of you who have ever used this system you'll know how frustrating it can be to back up and correct a mistake or to simply know where you are at in your weaving. Besides which, my cartridge occasionally experiences random memory problems causing it to lift all the shafts at once, for instance, when it wasn't supposed to.

So, here's what I need your opinion on...is it better to buy a used computer to go by my loom or to spring for the new compudobby system with programable cartridge. I bought the loom used this past summer and want to use it for years to come. A used computer would be cheaper but is cheaper necessarily better here? Your opinions please.

Sara  
jnordling@exodus.valpo.edu

To reply privately, send message to jnordling@EXODUS.VALPO.EDU (John Nordling)

>From owner-weavetech@List-Server.net Fri Jan 22 14:38:33 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id OAA15508; Fri, 22 Jan 1999 14:38:33 -0700 (MST)

## WeaveTech Archive 9901

Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id OAA15503; Fri, 22 Jan 1999 14:38:32 -0700 (MST)  
Received: from authoriu (balto-ts1-port088.x-press.net [209.150.113.88])  
by cpcug.org (8.9.1a/8.9.1) with SMTP id QAA02846  
for <weavetech@List-Server.net>; Fri, 22 Jan 1999 16:38:38 -0500 (EST)  
Message-Id: <3.0.3.32.19990122163755.006d8a54@cpcug.org>  
X-Sender: jstoll@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Fri, 22 Jan 1999 16:37:55 -0500  
To: weavetech@List-Server.net  
From: Janet Stollnitz <jstoll@cpcug.org>  
Subject: Re: your opinion please  
In-Reply-To: <v01510101b2ceaf4f5d15@[152.228.37.113]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 04:47 PM 1/22/99 -0600, Sara wrote:

>So, here's what I need your opinion on...is it better to buy a used  
>computer to go by my loom or to spring for the new computobby system with  
>programable cartridge. ... A used computer would be cheaper but is cheaper  
>necessarily better here?

I've been questioning along the same lines. Although I have a computer dedicated to the loom, it does not run Windows 95 or 98. Do I buy an inexpensive, low-end Windows 98 machine or the new Dobby box? At the moment my thinking is to get a new computer as it will not only give me more flexibility right at the loom and also could be used as a back up for my upstairs system, but it would be much less expensive.

Janet (who recently retired the 8088 and is now weaving with a 386)

---

Janet Stollnitz  
Silver Spring, MD

jstoll@cpcug.org

---

To reply privately, send message to Janet Stollnitz <jstoll@cpcug.org>

>From owner-weavetech@List-Server.net Fri Jan 22 14:41:47 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id OAA16507; Fri, 22 Jan 1999 14:41:47 -0700 (MST)  
Received: from burgoyne.com (burgoyne.com [209.197.0.8]) by salmon.esosoft.net (8.8.5) id OAA16502; Fri, 22 Jan 1999 14:41:46 -0700 (MST)  
Received: from moms233 (pmd18.burgoyne.com [209.197.3.20])  
by burgoyne.com (8.8.7/8.8.6) with SMTP id OAA22767  
for <weavetech@List-Server.net>; Fri, 22 Jan 1999 14:41:53 -0700  
Message-ID: <006401be4650\$690c62e0\$053f3fc8@moms233>  
From: "Judie Eatough" <jeatough@cougar.netutah.net>  
To: <weavetech@List-Server.net>  
Subject: Re: your opinion please  
Date: Fri, 22 Jan 1999 14:44:37 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk

# WeaveTech Archive 9901

Reply-To: weavetech@list-server.net

Sara,

I'm using a compu-dobby 1 without the cartridge. It is reliable and great. I suppose if the box failed, I would upgrade, but until then I'm happy.

One vote cast for a used computer.

Judie

To reply privately, send message to "Judie Eatough" <jeatough@cougar.netutah.net>

>From owner-weavetech@List-Server.net Fri Jan 22 15:01:00 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA20779; Fri, 22 Jan 1999 15:01:00 -0700 (MST)  
Received: from phnxpop2.phnx.uswest.net (phnxpop2.phnx.uswest.net [206.80.192.2]) by salmon.esosoft.net (8.8.5) id PAA20765; Fri, 22 Jan 1999 15:00:54 -0700 (MST)  
Received: (qmail 12206 invoked by alias); 22 Jan 1999 22:00:44 -0000  
Delivered-To: fixup-weavetech@list-server.net@fixme  
Received: (qmail 11818 invoked by uid 0); 22 Jan 1999 22:00:27 -0000  
Received: from ddialup166.phnx.uswest.net (HELO uswest.net) (207.225.167.166) by phnxpop2.phnx.uswest.net with SMTP; 22 Jan 1999 22:00:27 -0000  
Message-ID: <36A8F5F1.BC220A86@uswest.net>  
Date: Fri, 22 Jan 1999 15:04:33 -0700  
From: kip broughton <cynthb@uswest.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; U)  
MIME-Version: 1.0  
To: weavetech@list-server.net  
Subject: Re: your opinion please  
References: <v01510101b2ceaf4f5d15@[152.228.37.113]>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Here is another vote for a used computer. My loom computer (after several upgrades) failed. We found an inexpensive, reconditioned computer with everything I needed, including Windows 95 and additional ports. In this area (central AZ) many companies upgrade their computers regularly and sell the old ones at auction. Smart people buy these, clean up the hard drives and resell them. My feeling is that it is much better to be able to see what is happening with the pattern while the weaving is in progress.

Cynthia Broughton

John Nordling wrote:

> I have an AVL compu-dobby loom with the old doobby system and cartridge in  
> it. I program the cartridge and weave, as the computer needs to reside  
> most of the time away from my loom.  
>  
> So, here's what I need your opinion on...is it better to buy a used  
> computer to go by my loom or to spring for the new compudobby system with  
> programable cartridge.

To reply privately, send message to kip broughton <cynthb@uswest.net>

>From owner-weavetech@List-Server.net Fri Jan 22 15:02:19 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA21100; Fri, 22 Jan 1999

# WeaveTech Archive 9901

15:02:19 -0700 (MST)

Received: from uhura.concentric.net (uhura.concentric.net [206.173.119.93]) by salmon.esosoft.net (8.8.5) id PAA21082; Fri, 22 Jan 1999 15:02:17 -0700 (MST)

Received: from marconi.concentric.net (marconi [206.173.119.71])  
by uhura.concentric.net (8.9.1a/(98/12/15 5.12))  
id RAA07231; Fri, 22 Jan 1999 17:02:22 -0500 (EST)  
[1-800-745-2747 The Concentric Network]

Received: from crc3.concentric.net (ts002d10.mid-mi.concentric.net [206.173.103.70])  
by marconi.concentric.net (8.9.1a)  
id RAA28426; Fri, 22 Jan 1999 17:02:21 -0500 (EST)

Message-Id: <199901222202.RAA28426@marconi.concentric.net>

From: "Sue Peters" <yapeters@concentric.net>

To: <weavetech@list-server.net>

Subject: Greetings

Date: Fri, 22 Jan 1999 16:53:10 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

I have decided that I should introduce myself since I enjoy the list and comments. Also been tempted to jump in but answering a question and introducing myself is to big a hurtle.

My name is Sue Peters and I live in Midland Michigan. We are located about 25 minutes from the Saginaw bay, its the big bay between the thumb and the forefinger.

I am just recently retired and am VP of the Michigan League of Handweavers, also the Workshop Chairman for next Summers Conference and Workshops. I will be president in June. Thus I have not increased my time at the loom as much as I thought I would when I retired. I like to weave best but talking about it is almost as much fun.

I have an 8H Baby Wolf and an AVL. The AVL is a 60 inch, 24H, Compu-Dobby, with and overhead beater, single box, fly shuttle. I also have the Auto Advance and two sectional warp beams. I bought the loom a shortly before I retired and love it. On occasion it is like the little girl who had a little curl .... so I am really enjoying all the AVL'ers who have so kindly taken time from their weaving to answer questions about the AVL.

Plan to contribute as time goes by. Like most weavers, I do have an opinion.

Sue Peters near the Saginaw Bay  
<yapeters@concentric.net>

To reply privately, send message to "Sue Peters" <yapeters@concentric.net>

>From owner-weavetech@List-Server.net Fri Jan 22 15:22:50 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA26707; Fri, 22 Jan 1999 15:22:50 -0700 (MST)

Received: from mail1.bctel.ca (mail1.bctel.ca [207.194.28.67]) by salmon.esosoft.net (8.8.5) id PAA26700; Fri, 22 Jan 1999 15:22:49 -0700 (MST)

Received: from default (klwn02m05-89.bctel.ca [209.52.223.89])  
by mail1.bctel.ca with SMTP id OAA28874

for <weavetech@list-server.net>; Fri, 22 Jan 1999 14:22:51 -0800 (PST)

Message-ID: <003101be4655\$83041580\$59df34d1@default>

From: "Bruce & Susan Harvey" <rbh@bc.sympatico.ca>

# WeaveTech Archive 9901

To: "Weave Tech List" <weavetech@list-server.net>  
Subject: re- long quotes  
Date: Fri, 22 Jan 1999 14:21:08 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.5  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I am enjoying the messages very much, but is it possible to limit the quotes to a few pertinent lines please.  
Susan

Chickadee Creek Studios  
e-mail: <rbh@bc.sympatico.ca>

To reply privately, send message to "Bruce & Susan Harvey" <rbh@bc.sympatico.ca>

>From owner-weavetech@List-Server.net Fri Jan 22 17:27:29 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA20686; Fri, 22 Jan 1999 17:27:29 -0700 (MST)  
Received: from mail2.rochester.rr.com (mta@mail2-1.twcny.rr.com [24.92.226.140]) by salmon.esosoft.net (8.8.5) id RAA20676; Fri, 22 Jan 1999 17:27:28 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host mta@mail2-1.twcny.rr.com [24.92.226.140] claimed to be mail2.rochester.rr.com  
Received: from mslade ([24.95.196.33]) by mail2.rochester.rr.com (Post.Office MTA v3.5.2 release 221 ID# 0-53939U80000L80000S0V35) with SMTP id com for <weavetech@list-server.net>; Fri, 22 Jan 1999 19:28:51 -0500  
Message-ID: <006801be4667\$2ce91080\$21c45f18@mslade.rochester.rr.com>  
From: "Michael Slade" <mslade1@rochester.rr.com>  
To: <weavetech@list-server.net>  
Subject: WIF definition  
Date: Fri, 22 Jan 1999 19:27:34 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3155.0  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

The authoritative definition and information on the WIF format can be found at <http://www.mhsoft.com/wif/wif.html> on the Maple Hill Software website.

Michael Slade

To reply privately, send message to "Michael Slade" <mslade1@rochester.rr.com>

## WeaveTech Archive 9901

>From owner-weavetech@List-Server.net Fri Jan 22 17:36:17 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA22971; Fri, 22 Jan 1999 17:36:17 -0700 (MST)  
Received: from repop1.jps.net (repop1.jps.net [209.63.224.238]) by salmon.esosoft.net (8.8.5) id RAA22959; Fri, 22 Jan 1999 17:36:13 -0700 (MST)  
Received: from fvjn5 (209-239-193-49.oak.jps.net [209.239.193.49])  
by repop1.jps.net (8.8.5/8.8.5) with SMTP id QAA01470  
for <weavetech@List-Server.net>; Fri, 22 Jan 1999 16:36:19 -0800 (PST)  
Message-ID: <001601be4667\$6562c460\$31c1efd1@fvjn5>  
From: "Betty Lou Whaley" <enbwhaley@jps.net>  
To: <weavetech@List-Server.net>  
Subject: Re: your opinion please  
Date: Fri, 22 Jan 1999 16:28:57 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>> So, here's what I need your opinion on...is it better to buy a used  
>> computer to go by my loom or to spring for the new computodobby system with  
>> programable cartridge.  
>  
>My computer guru (an electronic (electric?) engineer) told me that  
vibrations can damage a computer but if you place your machine on a rubber  
or foam pad, that will isolate it from the loom's vibrations and protect it.

Betty Lou  
>

To reply privately, send message to "Betty Lou Whaley" <enbwhaley@jps.net>

>From owner-weavetech@List-Server.net Fri Jan 22 18:51:40 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id SAA06848; Fri, 22 Jan 1999 18:51:40 -0700 (MST)  
Received: from cpcug.org (cpcug.org [205.197.248.25]) by salmon.esosoft.net (8.8.5) id SAA06842; Fri, 22 Jan 1999 18:51:39 -0700 (MST)  
Received: from authoriu (balto-ts1-port002.x-press.net [209.150.113.2])  
by cpcug.org (8.9.1a/8.9.1) with SMTP id UAA23037  
for <weavetech@List-Server.net>; Fri, 22 Jan 1999 20:51:46 -0500 (EST)  
Message-Id: <3.0.3.32.19990122204933.006c6618@cpcug.org>  
X-Sender: rsblau@cpcug.org  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)  
Date: Fri, 22 Jan 1999 20:49:33 -0500  
To: weavetech@List-Server.net  
From: Ruth Blau <rsblau@cpcug.org>  
Subject: Louet Megado  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

# WeaveTech Archive 9901

One of the looms I have under consideration for when/if I make the leap into computerized weaving is the new (I guess really not yet out) Louet Megado. I had emailed Louet to ask if they were going to be at MAFA and if so would they have a Megado for people to play with. I heard back from Dave, and the answer is yes & yes--they will be at MAFA and they will have a Megado. Thought I'd let everyone know, in case others are also interested in seeing/trying this new loom.

Ruth

-----  
rsblau@cpcug.org  
Arlington, Virginia USA  
-----

To reply privately, send message to Ruth Blau <rsblau@cpcug.org>

>From owner-weavetech@List-Server.net Fri Jan 22 19:27:56 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA12103; Fri, 22 Jan 1999 19:27:56 -0700 (MST)  
Received: from scaup.prod.itd.earthlink.net (scaup.prod.itd.earthlink.net [207.217.120.49]) by salmon.esosoft.net (8.8.5) id TAA12098; Fri, 22 Jan 1999 19:27:56 -0700 (MST)  
Received: from earthlink.net (ip121.winston-salem3.nc.pub-ip.psi.net [38.30.48.121]) by scaup.prod.itd.earthlink.net (8.8.7/8.8.5) with ESMTP id SAA14437 for <weavetech@List-Server.net>; Fri, 22 Jan 1999 18:28:03 -0800 (PST)  
Message-ID: <36A93500.5DBE11C9@earthlink.net>  
Date: Fri, 22 Jan 1999 21:33:36 -0500  
From: Jane Doub <bjdoub@earthlink.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Louet Megado  
References: <3.0.3.32.19990122204933.006c6618@cpcug.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Ruth Blau wrote:

> One of the looms I have under consideration for when/if I make the leap  
> into computerized weaving is the new (I guess really not yet out) Louet  
> Megado.

Hi Ruth,  
I was able to see and weave on the new Louet loom at Convergence last summer. I was impressed with the ease that the harnesses lifted. One of my studio partners has ordered it and expects delivery this summer. If any one is interested in a review when it arrives and is operating, I can let you know the pros and cons.

Jane

To reply privately, send message to bjdoub@earthlink.net

To reply privately, send message to Jane Doub <bjdoub@earthlink.net>

>From owner-weavetech@List-Server.net Fri Jan 22 21:40:29 1999

## WeaveTech Archive 9901

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id VAA02060; Fri, 22 Jan 1999 21:40:29 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id VAA02055; Fri, 22 Jan 1999 21:40:27 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to be mail.twave.net  
Received: from [208.246.1.107] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTP id ya945696 for <weavetech@list-server.net>; Fri, 22 Jan 1999 23:40:32 -0500  
Message-Id: <3.0.5.32.19990122233948.007db570@twave.net>  
X-Sender: picnic@twave.net  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Fri, 22 Jan 1999 23:39:48 -0500  
To: weavetech@list-server.net  
From: "Diane B. Fields" <picnic@twave.net>  
Subject: Re: your opinion please  
In-Reply-To: <36A8F5F1.BC220A86@uswest.net>  
References: <v01510101b2ceaf4f5d15@[152.228.37.113]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 03:04 PM 1/22/99 -0700, you wrote:  
>Here is another vote for a used computer. <snip> My feeling is  
>that it is much better to be able to see what is happening with the  
pattern while  
>the weaving is in progress.  
>Cynthia Broughton  
>

I am coming to that situation I think. I have a quite old 486 for my dedicated loom computer and I believe my harddrive is failing. I have another old 486 that I may use, but more likely will try and find a reconditioned Pentium. I don't much worry about losing my harddrive as I do all my designing on my fast big monitored Gateway. I then just carry my 'portable' diskette back and forth to the studio. I definitely want a computer near my loom at all times-I make changes, change repeats, pull in different treadlings. I vote for a computer-new or reconditioned that you can have as a dedicated loom computer.

Diane in NC

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Sat Jan 23 06:50:57 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA27772; Sat, 23 Jan 1999 06:50:57 -0700 (MST)  
Received: from green.up.lib.mi.us (root@green.up.lib.mi.us [198.108.240.254]) by salmon.esosoft.net (8.8.5) id GAA27768; Sat, 23 Jan 1999 06:50:55 -0700 (MST)  
Received: from pm219-04.dialip.mich.net (pm219-04.dialip.mich.net [198.110.153.14]) by green.up.lib.mi.us (8.6.12/8.6.9) with SMTP id JAA19064 for <weavetech@list-server.net>; Sat, 23 Jan 1999 09:02:38 -0600  
Date: Sat, 23 Jan 1999 09:02:38 -0600  
Message-Id: <199901231502.JAA19064@green.up.lib.mi.us>  
X-Sender: speerj@mid-pen.lib.mi.us  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@list-server.net  
From: Jessica Speer <speerj@mid-pen.lib.mi.us>  
Subject: Used Computers  
Sender: owner-weavetech@List-Server.net

# WeaveTech Archive 9901

Precedence: bulk  
Reply-To: weavetech@list-server.net

I don't have a computer-driven, but I do have a used reconditioned computer. For \$300 I got 16 mg hard drive, 16 mg memory, sound board, modum, color monitor and Win 3.1. I'm probably going to upgrade to updrade to Win 95, but I could have had that, too, for very little more. I ordered it on friday and it came on Mon. and by Tues afternoon it was up and running, with out the hepl of any of my computer gurus. Saved a lot of money over buying a new one with much more than I need.  
Most of us don't really need the super power of the newest and fastest.

Jess

To reply privately, send message to Jessica Speer <speerj@mid-pen.lib.mi.us>

>From owner-weavetech@List-Server.net Sat Jan 23 07:33:15 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA03289; Sat, 23 Jan 1999 07:33:15 -0700 (MST)  
Received: from smtp.jjj.net (postmaster@smtp.jjj.net [209.235.31.137]) by salmon.esosoft.net (8.8.5) id HAA03283; Sat, 23 Jan 1999 07:33:14 -0700 (MST)  
Received: from cc429928-a.hwr1.md.home.com (cc429928-a.hwr1.md.home.com [24.3.63.99]) by smtp.jjj.net (8.9.1/8.9.0) with SMTP id JAA03181 for <weavetech@List-Server.net>; Sat, 23 Jan 1999 09:30:06 -0500 (EST)  
Message-Id: <3.0.3.16.19990123093213.351fb7d8@smtp.jjj.com>  
X-Sender: wheat@smtp.jjj.com  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (16)  
Date: Sat, 23 Jan 1999 09:32:13 -0500  
To: weavetech@List-Server.net  
From: Wheat Carr <wheat@craftwolf.com>  
Subject: Re: your opinion please  
In-Reply-To: <3.0.3.32.19990122163755.006d8a54@cpcug.org>  
References: <v01510101b2ceaf4f5d15@[152.228.37.113]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 04:37 PM 1/22/99 -0500, you wrote:  
>At 04:47 PM 1/22/99 -0600, Sara wrote:  
>>So, here's what I need your opinion on...is it better to buy a used  
>>computer to go by my loom or to spring for the new computobby system with  
>>programable cartridge. ... A used computer would be cheaper but is cheaper  
>>necessarily better here?  
>

Aside from a dedicated computer offering you a back up, it also offers the advantage of using, AT THE LOOM, other design programs. It is unclear to me if the system offered by the Loom Company will allow or support other design programs you might like.

Assuming that the programs required for your loom now or will soon allow for import of the "WIF" format that the more responsible weaving programers are incorporating as a standard to import any draft, and, while each of us has a favorite weaving program, there are many who like different features of different programs so may have multiple programs.

Besides, I like equipment that is not loom/manufacture dependent.

Incidentally, because of our concerns about security of certain business

## WeaveTech Archive 9901

data, we are moving towards a machine dedicated to email, but which will also support my loom - something others who "main" machine also contains confidential data as more of us have some form of direct Internet connection (Janet, think Cable Modem) this type of security issue can be a matter for serious concern.

So bottom line, go for the separate machine, make sure it can support various weaving or design programs and perhaps serve as your email machine and the only really secure way to protect your other machines is sneaker.net

Wheat

who is learning more about fire walls this month than she cares to think about.

-

Wheat Carr <mailto:wheat@craftwolf.com>  
<http://www.craftwolf.com/>

To reply privately, send message to Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>

>From owner-weavetech@List-Server.net Sat Jan 23 08:13:36 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA09092; Sat, 23 Jan 1999 08:13:36 -0700 (MST)  
Received: from smtp3.erols.com (smtp3.erols.com [207.172.3.236]) by salmon.esosoft.net (8.8.5) id IAA09055; Sat, 23 Jan 1999 08:13:34 -0700 (MST)  
Received: from erols.com (207-172-145-2.s2.as4.fdk.erols.com [207.172.145.2]) by smtp3.erols.com (8.8.8/8.8.5) with ESMTP id KAA23554 for <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>; Sat, 23 Jan 1999 10:13:35 -0500 (EST)  
Message-ID: <36A9A022.838D8700@erols.com>  
Date: Sat, 23 Jan 1999 10:10:42 +0000  
From: Susan Smith <[sufiber@erols.com](mailto:sufiber@erols.com)>  
X-Mailer: Mozilla 4.5 [en] (Win95; U)  
X-Accept-Language: en  
MIME-Version: 1.0  
To: [weavetech@List-Server.net](mailto:weavetech@List-Server.net)  
Subject: Re: you opinion please  
References: <199901222138.0AA15532@salmon.esosoft.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: [weavetech@list-server.net](mailto:weavetech@list-server.net)

>

> From: [jnordling@EXODUS.VALPO.EDU](mailto:jnordling@EXODUS.VALPO.EDU) (John Nordling)

> Subject: your opinion please

>

> So, here's what I need your opinion on...is it better to buy a used computer to go by my loom or to spring for the new computobby system with programable cartridge. I bought the loom used this past summer and want to use it for years to come. A used computer would be cheaper but is cheaper necessarily better here? Your opinions please.

>

> Sara

> [jnordling@exodus.valpo.edu](mailto:jnordling@exodus.valpo.edu)

Sara and Janet,

I vote for an older computer. I had an 8088 running my loom back when 386's were the top of the line. Currently, I have a 386 running the IDL and an older(smaller)

## WeaveTech Archive 9901

486 for my new sample loom. I prefer to design with the latest version of my software and in the relative comfort of my office. I have copies of the latest version of my software, as well as the previous version which I need for the older computer, on the office computer. The new programs all will export in wif. to an older version which I then save to disk and bring to the loom. This sounds more complex than it is.

At the loom, it's easy enough to enter any last minute changes. This way you don't need a computer chair or printer at the loom and only need a surface for the monitor and keyboard/mouse.

As for Janet's comment about backing up the main computer, I think you should get a tape or zip drive for that. If you were to lose all your data due to a power failure or house fire, it would likely happen to both. Recommended procedure is to back up and keep the copy in the glove box of the car. Did I do this yet? ;-)

Here's hoping I sent this post correctly and apologies beforehand if I don't.

Susan Smith

reply privately to [sufiber@erols.com](mailto:sufiber@erols.com)

>

To reply privately, send message to Susan Smith <[sufiber@erols.com](mailto:sufiber@erols.com)>

>From owner-weavetech@List-Server.net Sat Jan 23 08:14:43 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA09447; Sat, 23 Jan 1999 08:14:43 -0700 (MST)

Received: from smtp.jjj.net (postmaster@smtp.jjj.net [209.235.31.137]) by salmon.esosoft.net (8.8.5) id IAA09436; Sat, 23 Jan 1999 08:14:41 -0700 (MST)

Received: from cc429928-a.hwr1.md.home.com (cc429928-a.hwr1.md.home.com [24.3.63.99]) by smtp.jjj.net (8.9.1/8.9.0) with SMTP id KAA04012

for <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>; Sat, 23 Jan 1999 10:11:34 -0500 (EST)

Message-Id: <3.0.3.16.19990123101342.3027da52@smtp.jjj.com>

X-Sender: wheat@smtp.jjj.com

X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (16)

Date: Sat, 23 Jan 1999 10:13:42 -0500

To: [weavetech@List-Server.net](mailto:weavetech@List-Server.net)

From: Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>

Subject: Re: your opinion please

In-Reply-To: <3.0.5.32.19990122233948.007db570@twave.net>

References: <36A8F5F1.BC220A86@uswest.net>

<v01510101b2ceaf4f5d15@[152.228.37.113]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: [weavetech@list-server.net](mailto:weavetech@list-server.net)

>I am coming to that situation I think. I have a quite old 486 for my >dedicated loom computer and I believe my harddrive is failing. I have

First, many times folks think it is their hard drive (and get told that by computer sellers) when really all it is a little battery. The exact info escapes my feverish brain at the moment, but there is a battery much like a watch battery that has about a 3 year life span. We have several machines that were discarded because the owner was told the hard drive was bad and all that was needed was a battery that costs under \$10 and the knowledge to change it. Even paying some repair place to change the battery has to be much less costly than replacing the machine.

May I suggest that since the machine works, that you might want to consider simply adding a new hard drive and perhaps some ram. Change the Battery and adding a larger drive/more ram and you will have spent far less.

Far too many machines and drives are ending up in dumps for no real reason.

# WeaveTech Archive 9901

My plan is to use the Loom Machine as the "back up storage" for drafts and designs.

Wheat  
who has zip driven sneakers.

-

Wheat Carr <mailto:wheat@craftwolf.com>  
<http://www.craftwolf.com/>

To reply privately, send message to Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>

>From owner-weavetech@List-Server.net Sat Jan 23 08:28:54 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA12414; Sat, 23 Jan 1999 08:28:54 -0700 (MST)  
Received: from smtp.jjj.net (postmaster@smtp.jjj.net [209.235.31.137]) by salmon.esosoft.net (8.8.5) id IAA12408; Sat, 23 Jan 1999 08:28:53 -0700 (MST)  
Received: from cc429928-a.hwr1.md.home.com (cc429928-a.hwr1.md.home.com [24.3.63.99]) by smtp.jjj.net (8.9.1/8.9.0) with SMTP id KAA04356 for <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>; Sat, 23 Jan 1999 10:25:46 -0500 (EST)  
Message-Id: <3.0.3.16.19990123102754.395fbeat8@smtp.jjj.com>  
X-Sender: wheat@smtp.jjj.com  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (16)  
Date: Sat, 23 Jan 1999 10:27:54 -0500  
To: [weavetech@List-Server.net](mailto:weavetech@List-Server.net)  
From: Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>  
Subject: Re: you opinion please  
In-Reply-To: <36A9A022.838D8700@erols.com>  
References: <199901222138.0AA15532@salmon.esosoft.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: [weavetech@list-server.net](mailto:weavetech@list-server.net)

>Recomended procedure is to back up and keep the copy in the glove box of the car.

Uhh, this would not be recommended as most media (maybe not cd's) are sensitive to temperature change and also to heat.

For the average home owner/home business - we usually suggest weekly back up with three rotating sets one at your home, one in transit and one kept outside the home - your desk or locker at work.

-

Wheat Carr <mailto:wheat@craftwolf.com>  
<http://www.craftwolf.com/>

To reply privately, send message to Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>

# WeaveTech Archive 9901

>From owner-weavetech@List-Server.net Sat Jan 23 09:39:05 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA23616; Sat, 23 Jan 1999 09:39:05 -0700 (MST)  
Received: from uhura.concentric.net (uhura.concentric.net [206.173.119.93]) by salmon.esosoft.net (8.8.5) id JAA23611; Sat, 23 Jan 1999 09:39:04 -0700 (MST)  
Received: from mcfeely.concentric.net (mcfeely [207.155.184.83])  
by uhura.concentric.net (8.9.1a/(98/12/15 5.12))  
id LAA03423; Sat, 23 Jan 1999 11:39:08 -0500 (EST)  
[1-800-745-2747 The Concentric Network]  
Received: from concentric.net (ts001d26.tuc-az.concentric.net [206.173.160.38])  
by mcfeely.concentric.net (8.9.1a)  
id LAA07342; Sat, 23 Jan 1999 11:39:06 -0500 (EST)  
Message-ID: <36A9FB06.98D30469@concentric.net>  
Date: Sat, 23 Jan 1999 09:38:30 -0700  
From: Marge Coe <MargeCoe@concentric.net>  
X-Mailer: Mozilla 4.04 [en] (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: your opinion please  
References: <001601be4667\$6562c460\$31c1efd1@fvjn5>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Betty Lou Whaley wrote:

> My computer guru (an electronic (electric?) engineer) told me that  
> vibrations can damage a computer but if you place your machine on a rubber  
> or foam pad, that will isolate it from the loom's vibrations and protect it.

While certainly not challenging the knowledge of an expert, I think we need to put this in perspective. Lots of us have been using looms with computers for many years with and without pads, some even have mounted them on the loom. I've encountered all sorts of problems but I confess most can be blamed on the operator/weaver, none of them have been with the hardware of any of the sundry computers I've used.

Margaret

-----  
MargeCoe@concentric.net  
Tucson, AZ, USA  
-----

To reply privately, send message to Marge Coe <MargeCoe@concentric.net>

>From owner-weavetech@List-Server.net Sat Jan 23 10:58:59 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA07487; Sat, 23 Jan 1999 10:58:59 -0700 (MST)  
Received: from dns1.mcn.org (root@dns1.mcn.org [204.189.12.26]) by salmon.esosoft.net (8.8.5) id KAA07471; Sat, 23 Jan 1999 10:58:56 -0700 (MST)  
Received: from [204.189.12.112] (ha-2-men-a19.mcn.org [204.189.8.83])  
by dns1.mcn.org (8.9.2/8.9.2) with ESMTP id JAA17057  
for <weavetech@List-Server.net>; Sat, 23 Jan 1999 09:58:57 -0800 (PST)  
X-Sender: admark@mail.mcn.org  
Message-Id: <103130302b2ced4144756@[204.189.12.112]>  
In-Reply-To: <v01510101b2ceaf4f5d15@[152.228.37.113]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

# WeaveTech Archive 9901

Date: Sat, 23 Jan 1999 10:00:42 +0800  
To: weavetech@List-Server.net  
From: Adriane Nicolaisen/Mark Safron <admark@mcn.org>  
Subject: Re:Computers for Compu-dobby  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi to All - I'm new to WeaveTech and reading my first digest. I'm a production weaver on the Mendocino Coast of California. Out here on the edge I've been using an AVL Compu-dobby/two beams/4 shuttle boxes and waiting on Air powered shuttle mechanism.

A suggestion for computers to use in the studio away from your main design computer and in place of the cartridge system: I go to the local High School Electronics class and pick up the least expensive computer that will run my software. The students refurbish them and get a few dollars for learning. Personally I use an old MAC Plus and the appropriate software for that generation. It is dedicated to running my compu-dobby in the dusty environment of the studio and when it dies I trade it in for another one. So far I have spent less than \$200 over 10 years of weaving.

E-mail <admark@mcn.org>  
End

To reply privately, send message to Adriane Nicolaisen/Mark Safron <admark@mcn.org>

>From owner-weavetech@List-Server.net Sat Jan 23 11:24:24 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA12109; Sat, 23 Jan 1999 11:24:24 -0700 (MST)  
Received: from x12.boston.juno.com (x12.boston.juno.com [205.231.101.26]) by salmon.esosoft.net (8.8.5) id LAA12104; Sat, 23 Jan 1999 11:24:23 -0700 (MST)  
From: sparrowv@juno.com  
Received: (from sparrowv@juno.com)  
by x12.boston.juno.com (queuemail) id DZNUUJNC; Sat, 23 Jan 1999 13:23:22 EST  
To: weavetech@List-Server.net  
Date: Fri, 22 Jan 1999 23:22:14 -0800  
Subject: Re: your opinion please  
Message-ID: <19990122.232215.-321323.0.sparrowv@juno.com>  
X-Mailer: Juno 2.0.11  
X-Juno-Line-Breaks: 12,17-20  
X-Juno-Att: 0  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

On using an older computer to run your computodobby and weaving software. recently I had the experience of trying to run my doobby software on a 386 laptop. the design features worked fine but when I tried to run the doobby I would occasionally have missed or dropped shafts. once I setup the doobby off of my pentium 1 I no longer had the problem. so, I would suggest you check with the minimum requirements of the software, do they recommend 486 and above or is the program the versions designed to be run on windows 95 or windows 3.1 or dos? how many megs of ram is the minimum required by the writer/designer of the software? what kind of port does the doobby require to hookup the pc and loom? a regular printer port? what other ports will you need off the back? printer? after all this, I think you could make an educated decision about what you need minimally for a loom dedicated pc or laptop.

## WeaveTech Archive 9901

I like having the new laptop for my loom, I don't have to dedicate a whole wall to the loom and the computer. I used to sometimes have the computer on the wrong side of the loom so then the wires were hanging all over the place. with the laptop I can put it on a tv tray stand on either side and the loom can be anywhere I want it in my apartment.

vivian in colorado springs

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

To reply privately, send message to [sparrow@juno.com](mailto:sparrow@juno.com)

>From owner-weavetech@List-Server.net Sat Jan 23 14:54:38 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id OAA18417; Sat, 23 Jan 1999 14:54:38 -0700 (MST)  
Received: from alpha.netvision.net.il (alpha.netvision.net.il [194.90.1.13]) by salmon.esosoft.net (8.8.5) id OAA18411; Sat, 23 Jan 1999 14:54:36 -0700 (MST)  
Received: from diaspora (ts018p6.jlm.netvision.net.il [199.203.101.80])  
by alpha.netvision.net.il (8.8.6/8.8.6) with ESMTP id XAA00478  
for <weavetech@List-Server.net>; Sat, 23 Jan 1999 23:50:46 +0200 (IST)  
Message-Id: <199901232150.XAA00478@alpha.netvision.net.il>  
From: "Yehudit Abrahams" <gabraham@netvision.net.il>  
To: <weavetech@List-Server.net>  
Subject: Fw: your opinion please  
Date: Sun, 24 Jan 1999 01:03:44 +0200  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

-----  
> From: Yehudit Abrahams <gabraham@netvision.net.il>  
> To: weavetech@List-Server.net  
> Subject: Re: your opinion please  
> Date: iem x`yeo 24 ipe`x 1999 00:56  
>  
> If I'm not mistaken, it souds as if the computer you use to program your  
> cartridge is probably old enough. Why not take that one to the loom and  
> buy an upgrade for the telephone. This way, you do not have to feel  
guilty  
> about anything.  
>  
> I have, I believe, the most incredible amount of equipment that covers  
120  
> sq. meters. I bought nothing new; so when I had to fit a new computobby  
to  
> my used AVL, I had a choice, at the same price, and I had to go for the  
> Dobby I....it has to be old to work in my studio. My husband still  
sniffs  
> around now and then and picks up a screwdriver and I have to prove it's  
> mine.  
>

# WeaveTech Archive 9901

> Regards,  
>  
> Yehudit

To reply privately, send message to "Yehudit Abrahams" <gabraham@netvision.net.il>

>From owner-weavetech@List-Server.net Sat Jan 23 17:20:14 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA11288; Sat, 23 Jan 1999 17:20:14 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id RAA11284; Sat, 23 Jan 1999 17:20:13 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to be mail.twave.net  
Received: from [206.100.228.203] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTP id la951715 for <weavetech@list-server.net>; Sat, 23 Jan 1999 19:20:07 -0500  
Message-Id: <3.0.5.32.19990123191915.007e8af0@twave.net>  
X-Sender: picnic@twave.net  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Sat, 23 Jan 1999 19:19:15 -0500  
To: weavetech@list-server.net  
From: "Diane B. Fields" <picnic@twave.net>  
Subject: Re: Fw: your opinion please  
In-Reply-To: <199901232150.XAA00478@alpha.netvision.net.il>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I'm sorry for sending this whole post, but this is one of several I have never seen on the list (I wanted to include the whole thing so perhaps someone could set me straight). Am I missing some posts or has this been personal emails that have then had selections posted to the list?--which is fine, but I sort of felt that I had missed some posts and then wondered if I was missing even more??

Diane

>> From: Yehudit Abrahams <gabraham@netvision.net.il>  
>> To: weavetech@List-Server.net  
>> Subject: Re: your opinion please  
>> Date: =E9=E5=ED =F8=E0=F9=E5=EF 24 =E9=F0=E5=E0=F8 1999 00:56  
>>=20  
>> If I'm not mistaken, it sounds as if the computer you use to program your  
>> cartridge is probably old enough. Why not take that one to the loom and  
>> buy an upgrade for the telephone. This way, you do not have to feel  
>guilty  
>> about anything.  
>>=20  
>> I have, I believe, the most incredible amount of equipment that covers  
>120  
>> sq. meters. I bought nothing new; so when I had to fit a new compudobby  
>to  
>> my used AVL, I had a choice, at the same price, and I had to go for the  
>> Dobby I....it has to be old to work in my studio. My husband still  
>sniffs  
>> around now and then and picks up a screwdriver and I have to prove it's  
>> mine.  
>>=20  
>> Regards,  
>>=20

# WeaveTech Archive 9901

---

Diane B. Fields  
Designer/colorist/weaver of interior textiles  
picnic@twave.net

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Sun Jan 24 07:08:45 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA25276; Sun, 24 Jan 1999 07:08:45 -0700 (MST)  
Received: from sparcy.delanet.com (sparcy.delanet.com [208.9.136.54]) by salmon.esosoft.net (8.8.5) id HAA25272; Sun, 24 Jan 1999 07:08:44 -0700 (MST)  
Received: (qmail 9307 invoked from network); 24 Jan 1999 14:04:04 -0000  
Received: from unknown (HELO oemcomputer) (209.186.57.103) by sparcy.delanet.com with SMTP; 24 Jan 1999 14:04:04 -0000  
Message-ID: <000701be47a3\$5b214160\$6739bad1@oemcomputer>  
From: "FAD" <fad@delanet.com>  
To: <weavetech@List-Server.net>  
Subject: Glimakra Retrofit  
Date: Sun, 24 Jan 1999 09:10:52 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Does anyone out there have any experience or an opinion on the practicality or workability of retrofitting a Glimakra loom with a computerized dobby system?

I'm new to the list and have been lurking for several weeks and am impressed with what I am reading.

I have been weaving for 15 years. My interest in color and texture brought me to weaving but I seem to have developed an addiction for pattern work and at one time was doing reproduction coverlets both full size and miniature)

As most weavers do, I have several looms. My first, a 36" 4H Harrisville, a 54" 8H Glimakra, and am about to buy a 12-16H workshop loom, to take to MAFA in July (Karen Selk's silk workshop.)

I recently rescued a 40" 4 H (add a harness) Macomber from a sheltered workshop group that was about to put it in the dumpster.

It needs some minor refurbishing,(a retirement project)

Fran in  
Delaware

To reply privately, send message to "FAD" <fad@delanet.com>

>From owner-weavetech@List-Server.net Sun Jan 24 11:36:38 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA08333; Sun, 24 Jan 1999 11:36:38 -0700 (MST)  
Received: from ada.sstsystems.net (ada.sstsystems.net [207.164.1.21]) by salmon.esosoft.net (8.8.5) id LAA08325; Sun, 24 Jan 1999 11:36:36 -0700 (MST)  
Received: from default ([207.164.1.52]) by ada.sstsystems.net (8.7.5/8.6.9) with SMTP id NAA14426 for <weavetech@List-Server.net>; Sun, 24 Jan 1999 13:31:22 -0500 (EST)  
Message-Id: <3.0.32.19990124133103.006d3afc@mail.sstsystems.net>  
X-Sender: ingrid@mail.sstsystems.net  
X-Mailer: Windows Eudora Pro Version 3.0 (32)

# WeaveTech Archive 9901

Date: Sun, 24 Jan 1999 13:36:27 -0500  
To: weavetech@List-Server.net  
From: Fiberworks PCW <ingrid@fiberworks-pcw.com>  
Subject: laptops and Looms  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Date: Sat, 23 Jan 1999 17:16:40 -0500  
To: weavetech@List-Server.net  
From: Fiberworks PCW <ingrid@fiberworks-pcw.com>  
Subject: laptops and Looms

Hi Vivian:

Laptop sometimes do not have the power in the ports to interface with a loom.  
But is wise to check the specs on your desired or preferred program before committing to any computer.

Ingrid

Please update your address book and bookmark to our NEW address  
Ingrid Boesel, the weaving half of Fiberworks PCW  
Visit us at: <http://www.fiberworks-pcw.com>  
Email: [ingrid@fiberworks-pcw.com](mailto:ingrid@fiberworks-pcw.com)

To reply privately, send message to Fiberworks PCW <ingrid@fiberworks-pcw.com>

>From owner-weavetech@List-Server.net Sun Jan 24 12:57:07 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA22507; Sun, 24 Jan 1999 12:57:07 -0700 (MST)  
Received: from swan.prod.itd.earthlink.net (swan.prod.itd.earthlink.net [207.217.120.123]) by salmon.esosoft.net (8.8.5) id MAA22498; Sun, 24 Jan 1999 12:57:05 -0700 (MST)  
Received: from cheryl (ip6.an5-new-york4.ny.pub-ip.psi.net [38.26.16.6]) by swan.prod.itd.earthlink.net (8.8.7/8.8.5) with SMTP id LAA24799 for <weavetech@List-Server.net>; Sun, 24 Jan 1999 11:57:11 -0800 (PST)  
Message-Id: <3.0.5.32.19990124145353.007c47c0@mail.earthlink.net>  
X-Sender: fiberart@mail.earthlink.net  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.5 (32)  
Date: Sun, 24 Jan 1999 14:53:53 -0500  
To: weavetech@List-Server.net  
From: "FiberArt@earthlink.net" <fiberart@earthlink.net>  
Subject: laptops and Looms  
In-Reply-To: <3.0.32.19990124133103.006d3afc@mail.sstsystems.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Hi Vivian:

>Laptop sometimes do not have the power in the ports to interface with a  
>loom.  
>But is wise to check the specs on your desired or preferred program before  
>committing to any computer.

I have an older Toshiba Protege. It's a 486/33 that wasn't strong enough for many things. But it has Windows 95 & my weaving software. I don't create the drafts on it but use it to power my Schact CompuDobby. It works

## WeaveTech Archive 9901

perfectly and I have never had a problem with it. It was good to have a use for the laptop since I couldn't throw away a perfectly good piece of equipment but it wasn't sufficient horsepower for more updated everyday software that I use.

Cheryl  
FiberArt@earthlink.net  
<http://home.earthlink.net/~fiberart/>

To reply privately, send message to "FiberArt@earthlink.net" <fiberart@earthlink.net>

>From owner-weavetech@List-Server.net Sun Jan 24 13:24:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id NAA27259; Sun, 24 Jan 1999 13:24:53 -0700 (MST)  
Received: from smtp4.nwnexus.com (smtp4.nwnexus.com [206.63.63.52]) by salmon.esosoft.net (8.8.5) id NAA27252; Sun, 24 Jan 1999 13:24:51 -0700 (MST)  
Received: from [206.63.41.195] (blv-lx105-ip45.nwnexus.net [206.63.41.195]) by smtp4.nwnexus.com (8.8.8/8.8.8) with ESMTP id MAA17308 for <weavetech@List-Server.net>; Sun, 24 Jan 1999 12:24:57 -0800 (PST)  
X-Sender: kwarner@mail.halcyon.com  
Message-Id: <l03010d00b2d12ec7be5e@[206.63.42.90]>  
In-Reply-To: <3.0.5.32.19990124145353.007c47c0@mail.earthlink.net>  
References: <3.0.32.19990124133103.006d3afc@mail.sstsystems.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sun, 24 Jan 1999 12:26:12 -0800  
To: weavetech@List-Server.net  
From: Kathy Warner <kwarner@halcyon.com>  
Subject: Re: laptops and Looms  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have successfully used two Mac Powerbooks with Weavemaker One and the Macomber "box". The 145 was slow, but not as slow as the door-closer pedal lifter, and the newer one also works fine (it only has one serial port, which it thinks is a modem port in this case.) The problems I've had have been with the box, which may have been assembled by the newest apprentice, and has been back for repair twice in the year I've had it. Maybe this time it's settled down....

It's very handy to have the computer, not taking up acres of space, right next to the loom. Laptops are definitely worth trying.

Kathy Warner (kwarner@halcyon.com)  
busily knocking on wood

To reply privately, send message to Kathy Warner <kwarner@halcyon.com>

>From owner-weavetech@List-Server.net Sun Jan 24 15:41:20 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA22220; Sun, 24 Jan 1999 15:41:20 -0700 (MST)  
Received: from priv-edtnps04-hme0.telusplanet.net (edtnps04.telusplanet.net [198.161.157.104]) by salmon.esosoft.net (8.8.5) id PAA22188; Sun, 24 Jan 1999 15:41:13 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host edtnps04.telusplanet.net [198.161.157.104] claimed to be priv-edtnps04-hme0.telusplanet.net

## WeaveTech Archive 9901

Received: from pmarriot ([209.115.137.137])  
by priv-edtnps04-hme0.telusplanet.net (Post.Office MTA v3.5.1  
release 220 ID# 0-51631U125000L125000S0V35) with SMTP id net  
for <weavetech@list-server.net>; Sun, 24 Jan 1999 15:41:19 -0700  
Message-ID: <000101be47eb\$064319a0\$898973d1@pmarriot>  
From: "Pamela Marriott" <pmarriot@telusplanet.net>  
To: "weave tech" <weavetech@list-server.net>  
Subject: used computers  
Date: Sun, 24 Jan 1999 15:43:54 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Gang,

With the use of all these old computers on our weaving equipment, I  
currently have the old 486/50 earmarked for that chore when I convert, will  
they be adversely affected by the dreaded "Y2K?"  
Pamela

Pamela Marriott  
Dancing Sheep Studio  
Weaving & Graphics  
Swan Hills, Alberta, Canada  
pmarriot@telusplanet.net

To reply privately, send message to "Pamela Marriott" <pmarriot@telusplanet.net>

>From owner-weavetech@List-Server.net Sun Jan 24 15:58:45 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA26002; Sun, 24 Jan 1999  
15:58:45 -0700 (MST)  
Received: from swan.prod.itd.earthlink.net (swan.prod.itd.earthlink.net  
[207.217.120.123]) by salmon.esosoft.net (8.8.5) id PAA25996; Sun, 24 Jan 1999 15:58:43 -  
0700 (MST)  
Received: from cheryl (ip6.an5-new-york4.ny.pub-ip.psi.net [38.26.16.6])  
by swan.prod.itd.earthlink.net (8.8.7/8.8.5) with SMTP id OAA19365  
for <weavetech@List-Server.net>; Sun, 24 Jan 1999 14:58:49 -0800 (PST)  
Message-Id: <3.0.5.32.19990124175534.007e8ce0@mail.earthlink.net>  
X-Sender: fiberart@mail.earthlink.net  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.5 (32)  
Date: Sun, 24 Jan 1999 17:55:34 -0500  
To: weavetech@List-Server.net  
From: "FiberArt@earthlink.net" <fiberart@earthlink.net>  
Subject: Re: used computers  
In-Reply-To: <000101be47eb\$064319a0\$898973d1@pmarriot>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 03:43 PM 1/24/99 -0700, you wrote:

>Hi Gang,  
> With the use of all these old computers on our weaving equipment, I  
>currently have the old 486/50 earmarked for that chore when I convert, will

# WeaveTech Archive 9901

>they be adversely affected by the dreaded "Y2K?"  
>Pamela

Maybe :-). What operating system? You can check with the manufacturer of both to see if you will be OK.

Cheryl  
FiberArt@earthlink.net  
<http://home.earthlink.net/~fiberart/>

To reply privately, send message to "FiberArt@earthlink.net" <fiberart@earthlink.net>

>From owner-weavetech@List-Server.net Sun Jan 24 17:41:28 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id RAA14351; Sun, 24 Jan 1999 17:41:28 -0700 (MST)  
Received: from fog.tcccom.net (bsd-03.tcccom.net [207.7.32.10]) by salmon.esosoft.net (8.8.5) id RAA14195; Sun, 24 Jan 1999 17:40:51 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host bsd-03.tcccom.net [207.7.32.10] claimed to be fog.tcccom.net  
Received: from sarav (pm3-fdl01-ppp-93.tcccom.net [207.7.41.93])  
by fog.tcccom.net (8.9.1/8.9.1) with SMTP id SAA14290  
for <weavetech@List-Server.net>; Sun, 24 Jan 1999 18:40:09 -0600 (CST)  
(envelope-from sarav@tcccom.net)  
Message-ID: <000b01be47fa\$f34c1bc0\$5d2907cf@sarav>  
From: "SARA VON TRESCKOW" <sarav@tcccom.net>  
To: <weavetech@List-Server.net>  
Subject: Re: used computers  
Date: Sun, 24 Jan 1999 18:37:54 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.5  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Y2K for weaving programs is probably a non-issue - or are you weaving dates into the cloth?

Most 486 PC's are Y2K compliant by a manual date reset after the end of the year. There are loads of programs and diskettes circulating that allow you to check any PC quickly to be sure that the BIOS will handle new dates. Otherwise, there is the suggestion that a German machine tool maker is making seriously - set the system date back 10 or 15 years and NO PROBLEMS. Sara von Tresckow  
sarav@tcccom.net  
Fond du Lac, Wisconsin

To reply privately, send message to "SARA VON TRESCKOW" <sarav@tcccom.net>

>From owner-weavetech@List-Server.net Sun Jan 24 19:44:15 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA06507; Sun, 24 Jan 1999 19:44:15 -0700 (MST)  
Received: from imo23.mx.aol.com (imo23.mx.aol.com [198.81.17.67]) by salmon.esosoft.net (8.8.5) id TAA06489; Sun, 24 Jan 1999 19:44:11 -0700 (MST)  
From: EVESTUDIO@aol.com  
Received: from EVESTUDIO@aol.com

# WeaveTech Archive 9901

by imo23.mx.aol.com (IM0v18.1) id ARQRa07010  
for <weavetech@List-Server.net>; Sun, 24 Jan 1999 21:43:27 +1900 (EST)  
Message-ID: <f291d551.36abda4f@aol.com>  
Date: Sun, 24 Jan 1999 21:43:27 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: used computers  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 214  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

If you set your computer to a "former" date; say 10 or 15 years prior to the present, will the dated material - that is, applications which were installed and/or set-up on a certain date -- be nonexistent? They can't be installed "into the future". What could the outcome be? I wrote a letter October 2, 1998, say for instance. I set my computer's date back a ways before the date of my letter which is saved in a file. Will the computer try to make sense of it and do what

To reply privately, send message to EVESTUDIO@aol.com

>From owner-weavetech@List-Server.net Sun Jan 24 19:45:04 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA06821; Sun, 24 Jan 1999 19:45:04 -0700 (MST)  
Received: from imo15.mx.aol.com (imo15.mx.aol.com [198.81.17.5]) by salmon.esosoft.net (8.8.5) id TAA06815; Sun, 24 Jan 1999 19:45:03 -0700 (MST)  
From: EVESTUDIO@aol.com  
Received: from EVESTUDIO@aol.com  
by imo15.mx.aol.com (IM0v18.1) id VFCUa03539  
for <weavetech@List-Server.net>; Sun, 24 Jan 1999 21:44:03 +1900 (EST)  
Message-ID: <2067b951.36abda73@aol.com>  
Date: Sun, 24 Jan 1999 21:44:03 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: used computers  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 214  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Sorry, sent the message before signing it.  
Elaine Deyo  
EVESTUDIO@aol.com

To reply privately, send message to EVESTUDIO@aol.com

>From owner-weavetech@List-Server.net Sun Jan 24 19:58:45 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA09377; Sun, 24 Jan 1999 19:58:45 -0700 (MST)  
Received: from fog.tcccom.net (bsd-03.tcccom.net [207.7.32.10]) by salmon.esosoft.net (8.8.5) id TAA09366; Sun, 24 Jan 1999 19:58:40 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host bsd-03.tcccom.net [207.7.32.10] claimed to be fog.tcccom.net  
Received: from sarav (pm3-fdl02-ppp-153.tcccom.net [207.7.41.153])  
by fog.tcccom.net (8.9.1/8.9.1) with SMTP id UAA20084  
for <weavetech@List-Server.net>; Sun, 24 Jan 1999 20:58:18 -0600 (CST)  
(envelope-from sarav@tcccom.net)  
Message-ID: <010101be480e\$4011c140\$992907cf@sarav>

## WeaveTech Archive 9901

From: "SARA VON TRESCKOW" <sarav@tcccom.net>  
To: <weavetech@List-Server.net>  
Subject: Re: used computers  
Date: Sun, 24 Jan 1999 20:56:03 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.5  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Setting the date WAY BACK on a computer was not intended for one that you use for dated materials. For business correspondence, etc. most newer computers will take you into 2000 just fine. Microsoft Office 97 is rated compliant as are most other recent office packages. However, the "junk PC's" used in business and probably weavers studios to run specialty software like compudobby programs won't care. There are thousands of users out there running industrial control programs and weaving drafts who only need the machine to boot properly and run the machine. I'm responsible for the software side of Y2K for a factory of 1500 employees and not nearly as skittish as some folks who just type letters at home. Most of the Y2K issues those home users face are of the inconvenience nature, not "mission critical".

Sara von Tresckow  
sarav@tcccom.net  
Fond du Lac, Wisconsin

To reply privately, send message to "SARA VON TRESCKOW" <sarav@tcccom.net>

>From owner-weavetech@List-Server.net Sun Jan 24 21:14:37 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id VAA22244; Sun, 24 Jan 1999 21:14:37 -0700 (MST)  
Received: from btc1.up.net (btc1p.up.net [205.242.59.10]) by salmon.esosoft.net (8.8.5) id VAA22237; Sun, 24 Jan 1999 21:14:36 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host btc1p.up.net [205.242.59.10] claimed to be btc1.up.net  
Received: from up.net (mun1-146.dial.up.net [208.16.244.146])  
Message-ID: <36ABEA72.BC5E4C9E@up.net>  
Date: Sun, 24 Jan 1999 22:52:18 -0500  
From: Iris Charmer <icharmer@up.net>  
Organization: Weaver in the Woods  
X-Mailer: Mozilla 4.07 [en] (Win95; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: OT computers/Y2K  
References: <000b01be47fa\$34c1bc0\$5d2907cf@sarav>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

SARA VON TRESCKOW wrote:

>

> Y2K for weaving programs is probably a non-issue . . .

> Otherwise, there is the suggestion that a German machine tool maker is

> making seriously - set the system date back 10 or 15 years and NO PROBLEMS.

# WeaveTech Archive 9901

Heard a discussion on radio - 28 years back gives the correct day/date cycle.

To reply privately, send message to Iris Charmer <icharmer@up.net>

>From owner-weavetech@List-Server.net Mon Jan 25 00:36:57 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id AAA26297; Mon, 25 Jan 1999 00:36:57 -0700 (MST)  
Received: from mail10.svr.pol.co.uk (mail10.svr.pol.co.uk [195.92.193.214]) by salmon.esosoft.net (8.8.5) id AAA26292; Mon, 25 Jan 1999 00:36:55 -0700 (MST)  
Received: from modem-124.barium.dialup.pol.co.uk ([62.136.27.252] helo=headquarters) by mail10.svr.pol.co.uk with smtp (Exim 2.10 #1) id 104gZp-0004lo-00 for weavetech@list-server.net; Mon, 25 Jan 1999 07:36:54 +0000  
From: "Ian Bowers" <ian@fibrecrafts.freemove.co.uk>  
To: <weavetech@list-server.net>  
Subject: RE: Glimakra Retrofit  
Date: Mon, 25 Jan 1999 07:29:05 -0000  
Message-ID: <000101be4834\$bae93ee0\$fc1b883e@headquarters>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3 (Normal)  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2173.0  
Importance: Normal  
In-Reply-To: <000701be47a3\$5b214160\$6739bad1@oemcomputer>  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Fitting a computer doobby to a countermarch or counterbalance loom will require a complete rebuild to strip out all the mechanics, it really is easy only on a jack loom. So you would have to build the mechanism yourself and purchase the activators from someone like the Kelly's who work with most of the craft loom makers on this.

Hope this helps you from doing too much damage to your loom

Ian Bowers  
Fibrecrafts; Europe's leading textile crafts supplier  
the best products and a better service  
phone 0(+44) 1483 421853  
fax 0(+44) 1483 419960  
email ian@fibrecrafts.freemove.co.uk

-----Original Message-----

From: owner-weavetech@List-Server.net  
[mailto:owner-weavetech@List-Server.net]On Behalf Of FAD  
Sent: Sunday, January 24, 1999 2:11 PM  
To: weavetech@List-Server.net  
Subject: Glimakra Retrofit

Does anyone out there have any experience or an opinion on the practicality or workability of retrofitting a Glimakra loom with a computerized doobby system?

I'm new to the list and have been lurking for several weeks and am impressed

## WeaveTech Archive 9901

with what I am reading.

I have been weaving for 15 years. My interest in color and texture brought me to weaving but I seem to have developed an addiction for pattern work and at one time was doing reproduction coverlets both full size and miniature)

As most weavers do, I have several looms. My first, a 36" 4H Harrisville, a 54" 8H Glimakra, and am about to buy a 12-16H workshop loom, to take to MAFA in July (Karen Selk's silk workshop.)

I recently rescued a 40" 4 H (add a harness) Macomber from a sheltered workshop group that was about to put it in the dumpster.

It needs some minor refurbishing,(a retirement project)

Fran in  
Delaware

To reply privately, send message to "FAD" <fad@delanet.com>

To reply privately, send message to "Ian Bowers" <ian@fibrecrafts.freemove.co.uk>

>From owner-weavetech@List-Server.net Mon Jan 25 08:11:12 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA24647; Mon, 25 Jan 1999 08:11:12 -0700 (MST)  
Received: from mailbox.syr.edu (root@mailbox.syr.edu [128.230.18.5]) by salmon.esosoft.net (8.8.5) id IAA24639; Mon, 25 Jan 1999 08:11:10 -0700 (MST)  
Received: from Room215.syr.edu (syru2-042.syr.edu [128.230.2.42])  
by mailbox.syr.edu (8.9.2/8.9.2) with SMTP id KAA09286  
for <weavetech@List-Server.net>; Mon, 25 Jan 1999 10:11:14 -0500 (EST)  
Date: Mon, 25 Jan 1999 10:11:14 -0500 (EST)  
Message-Id: <199901251511.KAA09286@mailbox.syr.edu>  
X-Sender: aafannin@mailbox.syr.edu  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: weavetech@List-Server.net  
From: Allen Fannin <aafannin@mailbox.syr.edu>  
Subject: Re: Glimakra Retrofit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

At 09:10 AM 1/24/99 -0500, you wrote:

>Does anyone out there have any experience or an opinion on the  
>practicality or workability of retrofitting a Glimakra loom with a  
computerized  
>dobby system?

REPLY:

The very first loom of any kind which owned was a Bexell, which was nothing more than a hardwood duplicate of the softwood Glimakra coountremarche. This style loom frame is the most versatile in that the harness motion and other elements can be removed from the frame and changed without compromising the structural integrity of the frame. Soon after working with the loom we installed a 32 shaft mechanical doobby and never again had a loom without a doobby. There is no reason I can see that the retrofit you propose cannot be accomplished, albeit with some effort, but it can be done nevertheless.

AAF  
ALLEN FANNIN, Adjunct Prof., Textile Science  
ECR Department

# WeaveTech Archive 9901

224 Slocum Hall  
College for Human Development  
Syracuse University  
Syracuse, New York 13244-1250  
Phone: (315) 443-1256/4635  
FAX: (315) 443-2562  
E-mail: <aafannin@mailbox.syr.edu>  
Web: <http://syllabus.syr.edu/TEX/aafannin>

To reply privately, send message to Allen Fannin <aafannin@mailbox.syr.edu>

>From owner-weavetech@List-Server.net Mon Jan 25 08:33:17 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA00747; Mon, 25 Jan 1999 08:33:17 -0700 (MST)  
Received: from gilgamesh.nh.ultra.net (gilgamesh.nh.ultra.net [207.41.144.252]) by salmon.esosoft.net (8.8.5) id IAA00738; Mon, 25 Jan 1999 08:33:15 -0700 (MST)  
Received: from d19.dial-1.prt.nh.ultra.net (d19.dial-1.prt.nh.ultra.net [207.41.146.19]) by gilgamesh.nh.ultra.net (8.8.8/ult.n14767) with SMTP id KAA00381 for <weavetech@List-Server.net>; Mon, 25 Jan 1999 10:33:11 -0500 (EST)  
From: abm@nh.ultranet.com (Ben Fowler)  
To: weavetech@List-Server.net  
Subject: macomers and computers  
Date: Mon, 25 Jan 1999 15:31:05 GMT  
Message-ID: <36ad8ab9.1058422@smtp.nh.ultranet.com>  
X-Mailer: Forte Agent 1.0/32.390  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I have been reading/lurking with interest the discussion of late on CAD/CAM systems on looms. I am on the verge of upgrading my rather dated tech equipment, and would appreciate advice and notes from experienced users.

I am a experienced weaver (30 yrs), and have used the macomber cad/cam old system since it came out in the early 80's. But now my faithful old designer's delight has just about croaked, and I need to upgrade. I used to use the atari system when it was supported by Macomber, and have over the years kept up as best I could with what was technologically current. But now I find that there are so many more choices that I need some advice.

I have a 16H 56" air assist loom, with the power supply box, and the designer's delight. I also have a 32H 72" with the single pedal, no extra power supply or des.del. (this loom was given to me!!).

So my question is what programs will drive these looms, and what programs do you who use them find the easiest to use? I am not looking for alot of bells and whistles, just good support, basic design capabilities, and the ability to interface with my existing loom equipt.=20

I realize that I will have to upgrade my power supply box ( I have spoken with the guys at Macomber), but beyond that any wisdom would be appreciated.

Thanks....Sarah Haskell

York, Maine

To reply privately, send message to abm@nh.ultranet.com (Ben Fowler)

>From owner-weavetech@List-Server.net Mon Jan 25 08:47:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA03744; Mon, 25 Jan 1999 08:47:53 -0700 (MST)

## WeaveTech Archive 9901

Received: from mail6.svr.pol.co.uk (mail6.svr.pol.co.uk [195.92.193.212]) by salmon.esosoft.net (8.8.5) id IAA03733; Mon, 25 Jan 1999 08:47:51 -0700 (MST)  
Received: from modem-3.lead.dialup.pol.co.uk ([62.136.40.131] helo=headquarters) by mail6.svr.pol.co.uk with smtp (Exim 2.10 #1) id 104oF0-000631-00 for weavetech@list-server.net; Mon, 25 Jan 1999 15:47:55 +0000  
From: "Ian Bowers" <ian@fibrecrafts.freemove.co.uk>  
To: <weavetech@list-server.net>  
Subject: RE: used computers  
Date: Mon, 25 Jan 1999 07:46:19 -0000  
Message-ID: <000101be4879\$4a956520\$8328883e@headquarters>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3 (Normal)  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2173.0  
Importance: Normal  
In-Reply-To: <3.0.5.32.19990124175534.007e8ce0@mail.earthlink.net>  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Probably and all your weaving will unravel. Seriously the date may be a bit wonky, but the computer can still be made to work

Ian Bowers  
Fibrecrafts; Europe's leading textile crafts supplier  
the best products and a better service  
phone 0(+44) 1483 421853  
fax 0(+44) 1483 419960  
email ian@fibrecrafts.freemove.co.uk

-----Original Message-----  
From: owner-weavetech@List-Server.net  
[mailto:owner-weavetech@List-Server.net]On Behalf Of  
FiberArt@earthlink.net  
Sent: Sunday, January 24, 1999 10:56 PM  
To: weavetech@List-Server.net  
Subject: Re: used computers

At 03:43 PM 1/24/99 -0700, you wrote:

>Hi Gang,  
> With the use of all these old computers on our weaving equipment, I  
>currently have the old 486/50 earmarked for that chore when I convert, will  
>they be adversely affected by the dreaded "Y2K?"  
>Pamela

Maybe :-). What operating system? You can check with the manufacturer of both to see if you will be OK.

Cheryl  
FiberArt@earthlink.net  
<http://home.earthlink.net/~fiberart/>

To reply privately, send message to "FiberArt@earthlink.net"  
<fiberart@earthlink.net>

# WeaveTech Archive 9901

To reply privately, send message to "Ian Bowers" <ian@fibrecrafts.freemove.co.uk>

>From owner-weavetech@List-Server.net Mon Jan 25 08:55:01 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA05711; Mon, 25 Jan 1999 08:55:01 -0700 (MST)  
Received: from mail.twave.net (twave.net [206.100.228.5]) by salmon.esosoft.net (8.8.5) id IAA05693; Mon, 25 Jan 1999 08:55:00 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host twave.net [206.100.228.5] claimed to be mail.twave.net  
Received: from [208.219.234.66] by mail.twave.net (NTMail 3.03.0017/1.abwg) with ESMTP id da964265 for <weavetech@list-server.net>; Mon, 25 Jan 1999 10:54:57 -0500  
Message-Id: <3.0.5.32.19990125105412.007e7d20@twave.net>  
X-Sender: picnic@twave.net  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)  
Date: Mon, 25 Jan 1999 10:54:12 -0500  
To: weavetech@list-server.net  
From: "Diane B. Fields" <picnic@twave.net>  
Subject: Re: macomers and computers  
In-Reply-To: <36ad8ab9.1058422@smtp.nh.ultranet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> So my question is what programs will drive these looms, and what  
>programs do you who use them find the easiest to use? I am not looking  
>for alot of bells and whistles, just good support, basic design  
>capabilities, and the ability to interface with my existing loom  
>equipt.  
<snip>

> I realize that I will have to upgrade my power supply box ( I have  
>spoken with the guys at Macomber)

Sarah,

I'm using the single pedal Designers Delight with the upgraded power supply box but did have my problems with the box fairly repeatedly-thus ended up with a Proveave supply box also (will only interface with Proveave for all obvious reasons-it was just their answer to helping people using Proveave who were having problems with their power supply box). I originally had the old 'key slot mini computer thing' that came with my used Macomber 48" 20 shaft loom. I upgraded my box and moved on to other software. (I just reread your post and realize you are referring to "Designers Delight" meaning the whole system with the little box and key and single large pedal-I'm using it strictly as the single pedal with solenoid hookups and cable connections to my PC at this point after upgrading).

My understanding is that a great deal of weaving software now have Macomber drivers. I use Proveave for all my designing and use the loom control on Proveave with my Proveave power supply box to control the loom. I also have Fiberworks and Patternland but do not have Macomber drivers on these as I use the Proveave box and just keep the Macomber power supply box as a backup (which I haven't needed). However I do know the drivers are available. I generally WIF my Proveave design over to Fiberworks and play with color there, maybe do some quick playing with other possibilities. I use Patternland (WIF) primarily for fancy printouts (you can actually make the draft look very much like your cloth with all its adjustments and it provides for wonderful printing possibilities). Proveave and Fiberworks are fairly different in their approach to design so I would suggest that you obtain demo copies of both and try them out.

# WeaveTech Archive 9901

There are also other programs that have Macomber drivers but I have just played with them in demo programs and never bought them. Perhaps others have suggestions.

If I can help any further, please contact me off list and I'll be glad to give you my opinions. I, too, am a full time weaver (and dyer).

Diane

---

Diane B. Fields  
Designer/colorist/weaver of interior textiles  
picnic@twave.net

To reply privately, send message to "Diane B. Fields" <picnic@twave.net>

>From owner-weavetech@List-Server.net Mon Jan 25 09:17:04 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA10723; Mon, 25 Jan 1999 09:17:04 -0700 (MST)  
Received: from imo17.mx.aol.com (imo17.mx.aol.com [198.81.17.7]) by salmon.esosoft.net (8.8.5) id JAA10708; Mon, 25 Jan 1999 09:17:02 -0700 (MST)  
From: EVESTUDIO@aol.com  
Received: from EVESTUDIO@aol.com  
by imo17.mx.aol.com (IMOV18.1) id PSTAa03210  
for <weavetech@List-Server.net>; Mon, 25 Jan 1999 11:14:02 -0500 (EST)  
Message-ID: <6b245d5e.36ac984a@aol.com>  
Date: Mon, 25 Jan 1999 11:14:02 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: used computers  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 214  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

It's my thoughts that I worry about unraveling.

E

To reply privately, send message to EVESTUDIO@aol.com

>From owner-weavetech@List-Server.net Mon Jan 25 09:30:18 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA13609; Mon, 25 Jan 1999 09:30:18 -0700 (MST)  
Received: from ada.sstsystems.net (ada.sstsystems.net [207.164.1.21]) by salmon.esosoft.net (8.8.5) id JAA13579; Mon, 25 Jan 1999 09:30:15 -0700 (MST)  
Received: from default ([207.164.1.33]) by ada.sstsystems.net (8.7.5/8.6.9) with SMTP id LAA24839 for <weavetech@List-Server.net>; Mon, 25 Jan 1999 11:24:53 -0500 (EST)  
Message-Id: <3.0.32.19990125112909.006d7c34@mail.sstsystems.net>  
X-Sender: ingrid@mail.sstsystems.net  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Mon, 25 Jan 1999 11:30:01 -0500  
To: weavetech@List-Server.net  
From: Fiberworks PCW <ingrid@fiberworks-pcw.com>  
Subject: CompuMarche for Glimakra  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Fran:

## WeaveTech Archive 9901

>Does anyone out there have any experience or an opinion on the practicality  
>or workability of retrofitting a Glimakra loom with a computerized doobby  
>system?

Cyrefco looms does a Compu-Marche conversion for the Glimakra.

It is an excellent computer assist system. It is a true rising and sinking  
shed mechanism and the action remains as light as that on the original.

The Compu Marche replaces the pedals, the lams, the shafts. The new ones  
just get placed into the castle and the Compu Marche hangs on the right of  
the loom. The retro fit is easy.

I have worked on it for several days at Jeff and Cyrena's studio and quite  
liked it. It was different from my AVL but the light action sure is  
attractive.

It is not such a workhorse as the AVL, so is not as suitable as the AVL for  
production or student situation.

They advertise in the major magazines and on the back cover of the CW  
newsletter.

Ingrid Boesel

ingrid@fiberworks-pcw.com

Fiberworks website has moved to

<http://www.fiberworks-pcw.com>

To reply privately, send message to Fiberworks PCW <ingrid@fiberworks-pcw.com>

>From owner-weavetech@List-Server.net Mon Jan 25 09:30:23 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA13670; Mon, 25 Jan 1999  
09:30:23 -0700 (MST)

Received: from ada.sstsystems.net (ada.sstsystems.net [207.164.1.21]) by

salmon.esosoft.net (8.8.5) id JAA13607; Mon, 25 Jan 1999 09:30:18 -0700 (MST)

Received: from default ([207.164.1.33]) by ada.sstsystems.net (8.7.5/8.6.9) with SMTP id  
LAA24843 for <weavetech@List-Server.net>; Mon, 25 Jan 1999 11:24:55 -0500 (EST)

Message-Id: <3.0.32.19990125112726.006d7c34@mail.sstsystems.net>

X-Sender: ingrid@mail.sstsystems.net

X-Mailer: Windows Eudora Pro Version 3.0 (32)

Date: Mon, 25 Jan 1999 11:30:02 -0500

To: weavetech@List-Server.net

From: Fiberworks PCW <ingrid@fiberworks-pcw.com>

Subject: Y2K

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

Hi Pamela:

If the software does not have a date function, those programs will not be  
affected. Clear any of the doubtful ones off that computer. Like  
spreadsheets which depend on dates. And payroll.

If you just add a date to notes as text rather than as a date function, no  
sweat.

To test if your computer is able to handle 4 digit dates, you go in and  
look at the date in the DOS part of the program. I don't know how to do it,  
but Bob does and did all out machines including the ancient 386 running the  
loom.

If it shows 4 digits then it wont have the Y2K problem.

Ingrid

Please update your address book and bookmark to our NEW address  
Ingrid Boesel, the weaving half of Fiberworks PCW

# WeaveTech Archive 9901

Visit us at: <http://www.fiberworks-pcw.com>  
Email: [ingrid@fiberworks-pcw.com](mailto:ingrid@fiberworks-pcw.com)

To reply privately, send message to Fiberworks PCW <[ingrid@fiberworks-pcw.com](mailto:ingrid@fiberworks-pcw.com)>

>From owner-weavetech@List-Server.net Mon Jan 25 12:29:45 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA27543; Mon, 25 Jan 1999 12:29:45 -0700 (MST)  
Received: from smtp.jjj.net (postmaster@smtp.jjj.net [209.235.31.137]) by salmon.esosoft.net (8.8.5) id MAA27530; Mon, 25 Jan 1999 12:29:43 -0700 (MST)  
Received: from cc429928-a.hwr1.md.home.com (cc429928-a.hwr1.md.home.com [24.3.63.99]) by smtp.jjj.net (8.9.1/8.9.0) with SMTP id OAA07218 for <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>; Mon, 25 Jan 1999 14:26:12 -0500 (EST)  
Message-Id: <3.0.3.16.19990125140019.369fee44@smtp.jjj.com>  
X-Sender: wheat@smtp.jjj.com (Unverified)  
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (16)  
Date: Mon, 25 Jan 1999 14:00:19 -0500  
To: [weavetech@List-Server.net](mailto:weavetech@List-Server.net)  
From: Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>  
Subject: Re: Y2K  
In-Reply-To: <3.0.32.19990125112726.006d7c34@mail.sstsystems.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: [weavetech@list-server.net](mailto:weavetech@list-server.net)

>To test if your computer is able to handle 4 digit dates, you go in and  
>look at the date in the DOS part of the program. I don't know how to do it,  
>but Bob does and did all out machines including the ancient 386 running the  
>loom.  
>  
>If it shows 4 digits then it wont have the Y2K problem.  
>

While there is every possibility this is just one of those little programs running to "Wheat-proof" our shared machine, typing date at the C:\ prompt usually brings up the dos utility for setting the date, and time works for time.

Wheat

-

Wheat Carr <mailto:wheat@craftwolf.com>  
CraftWolf.Com PO Box 417 Savage MD 20763  
Fax: 888.232.3329 <http://www.craftwolf.com>

To reply privately, send message to Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>

>From owner-weavetech@List-Server.net Mon Jan 25 16:57:41 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA05763; Mon, 25 Jan 1999 16:57:41 -0700 (MST)  
Received: from imo14.mx.aol.com (imo14.mx.aol.com [198.81.17.4]) by salmon.esosoft.net (8.8.5) id QAA05758; Mon, 25 Jan 1999 16:57:40 -0700 (MST)  
From: AmyFibre@aol.com  
Received: from AmyFibre@aol.com by imo14.mx.aol.com (IM0v18.1) id TIBCa05506; Mon, 25 Jan 1999 18:48:51 -0500 (EST)

# WeaveTech Archive 9901

Message-ID: <9c80f3c2.36ad02e3@aol.com>  
Date: Mon, 25 Jan 1999 18:48:51 EST  
To: weaving@quilt.net, weavetech@list-server.net  
Mime-Version: 1.0  
Subject: Looking for a book  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 226  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Erica de Ruiter writes:

I lost a dear weaving book: 'Latin American Brocading', by Susanne Baizerman and Karin Searle, printed somewhere in the 80-ies. It is since long out of sale as far as I know. [Does] anyone have a spare issue and want to sell/give to me?

Please contact her directly at: <ederuiter@hetnet.nl>

Thanks,  
Amy  
amyfibre@aol.com

To reply privately, send message to AmyFibre@aol.com

>From owner-weavetech@List-Server.net Mon Jan 25 20:30:16 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id UAA16643; Mon, 25 Jan 1999 20:30:16 -0700 (MST)  
Received: from cleese.nas.com (root@cleese.nas.com [198.182.207.3]) by salmon.esosoft.net (8.8.5) id UAA16620; Mon, 25 Jan 1999 20:30:14 -0700 (MST)  
Received: from 206.63.102.32(src addr [206.63.102.32]) (946 bytes) by cleese.nas.com via sendmail with P\:\smtp\R:\inet\_hosts/T:\smtp (sender: <archfarm@nas.com>) id <m104zCn-000j70C@cleese.nas.com> for <weavetech@list-server.net>; Mon, 25 Jan 1999 19:30:21 -0800 (PST) (Smail-3.2.0.96 1997-Jun-2 #2 built 1998-May-26)

Message-ID: <36ACA238.1451@nas.com>  
Date: Mon, 25 Jan 1999 09:56:26 -0700  
From: Myra <archfarm@nas.com>  
X-Mailer: Mozilla 3.02 (Macintosh; U; PPC)  
MIME-Version: 1.0  
To: weavetech@list-server.net  
Subject: Re: Y2K  
References: <3.0.32.19990125112726.006d7c34@mail.sstsystems.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Fiberworks PCW wrote:

>  
> Hi Pamela:  
> If the software does not have a date function, those programs will not be  
> affected. Clear any of the doubtful ones off that computer. Like  
> spreadsheets which depend on dates. And payroll.

What if you need to be able to read archival files that may have been created in those "doubtful programs" on that computer. Are you saying one essentially becomes disabled as regards archival files?

Myra

# WeaveTech Archive 9901

To reply privately, send message to Myra <archfarm@nas.com>

>From owner-weavetech@List-Server.net Mon Jan 25 23:11:47 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id XAA14755; Mon, 25 Jan 1999 23:11:47 -0700 (MST)  
Received: from burgoyne.com (burgoyne.com [209.197.0.8]) by salmon.esosoft.net (8.8.5) id XAA14749; Mon, 25 Jan 1999 23:11:45 -0700 (MST)  
Received: from moms233 (pme28.burgoyne.com [209.197.5.81])  
by burgoyne.com (8.9.1/8.9.1) with SMTP id XAA17482  
for <weavetech@List-Server.net>; Mon, 25 Jan 1999 23:11:56 -0700  
Message-ID: <000801be48f3\$2356daa0\$053f3fc8@moms233>  
From: "Judie Eatough" <jeatough@cougar.netutah.net>  
To: <weavetech@List-Server.net>  
Subject: Re: Y2K  
Date: Mon, 25 Jan 1999 23:14:30 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.3110.1  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Regarding dates on files, it doesn't make any difference. If you have ever had your battery go down, programs (1990's) read files(1980's) that are older than they are. And I got several emails dated in 2036 not long ago (I wondered if it was a virus, since they came from 3 very different places in the same week) They seemed to work ok too.

The only problem with bad dates -- it makes it harder to find files. But you can lie to your computer and tell it whatever date you want. It doesn't care.

You could stay 29 forever.

Judie

To reply privately, send message to "Judie Eatough" <jeatough@cougar.netutah.net>

>From owner-weavetech@List-Server.net Tue Jan 26 03:39:57 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id DAA13581; Tue, 26 Jan 1999 03:39:57 -0700 (MST)  
Received: from mail4.svr.pol.co.uk (mail4.svr.pol.co.uk [195.92.193.211]) by salmon.esosoft.net (8.8.5) id DAA13575; Tue, 26 Jan 1999 03:39:55 -0700 (MST)  
Received: from modem-35.ruthenium.dialup.pol.co.uk ([62.136.21.163] helo=headquarters)  
by mail4.svr.pol.co.uk with smtp (Exim 2.10 #1)  
id 1055uU-0006vK-00  
for weavetech@list-server.net; Tue, 26 Jan 1999 10:39:55 +0000  
From: "Ian Bowers" <ian@fibrecrafts.freeserve.co.uk>  
To: <weavetech@list-server.net>  
Subject: RE: Y2K  
Date: Tue, 26 Jan 1999 08:13:00 -0000  
Message-ID: <000201be4917\$6d97e860\$a315883e@headquarters>  
MIME-Version: 1.0

# WeaveTech Archive 9901

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3 (Normal)  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2173.0  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
In-Reply-To: <3.0.3.16.19990125140019.369fee44@smtp.jjj.com>  
Importance: Normal  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Unfortunately Y2K is more than a four/two display digit date issue.

There are three points to check on the hardware

will it handle the concept of a specific year called 2000, it may go back to 80 (ie 1980) rather than hold 00, 01 etc

will it go over from midnight 31/12/99 to 01/01/00 smoothly. This is really only a problem for computers which are mission critical over the blessed midnight. Otherwise see above for the problem when you first start the machine in the new millennium

and does it know that there will be a 29th February 2000, and not skip straight to 1st March

These are the basic hardware problems. The software problems are much more complex and start on 9/9/99.

Ian Bowers  
Fibrecrafts; Europe's leading textile crafts supplier  
the best products and a better service  
phone 0(+44) 1483 421853  
fax 0(+44) 1483 419960  
email ian@fibrecrafts.freereserve.co.uk

-----Original Message-----

From: owner-weavetech@List-Server.net  
[mailto:owner-weavetech@List-Server.net] On Behalf Of Wheat Carr  
Sent: Monday, January 25, 1999 7:00 PM  
To: weavetech@List-Server.net  
Subject: Re: Y2K

>To test if your computer is able to handle 4 digit dates, you go in and  
>look at the date in the DOS part of the program. I don't know how to do it,  
>but Bob does and did all out machines including the ancient 386 running the  
>loom.

>  
>If it shows 4 digits then it wont have the Y2K problem.  
>

While there is every possibility this is just one of those little programs running to "Wheat-proof" our shared machine, typing date at the C:\ prompt usually brings up the dos utility for setting the date, and time works for time.

Wheat

# WeaveTech Archive 9901

-

Wheat Carr      <mailto:wheat@craftwolf.com>  
CraftWolf.Com PO Box 417 Savage MD 20763  
Fax: 888.232.3329 <http://www.craftwolf.com>

To reply privately, send message to Wheat Carr <[wheat@craftwolf.com](mailto:wheat@craftwolf.com)>

To reply privately, send message to "Ian Bowers" <[ian@fibrecrafts.freereserve.co.uk](mailto:ian@fibrecrafts.freereserve.co.uk)>

>From owner-weavetech@List-Server.net Tue Jan 26 06:04:23 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA05064; Tue, 26 Jan 1999 06:04:23 -0700 (MST)  
Received: from rfd1.oit.umass.edu (mailhub.oit.umass.edu [128.119.175.4]) by salmon.esosoft.net (8.8.5) id GAA05056; Tue, 26 Jan 1999 06:04:22 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host mailhub.oit.umass.edu [128.119.175.4] claimed to be rfd1.oit.umass.edu  
Received: from autio (nsas100p2.remote.umass.edu) by rfd1.oit.umass.edu (PMDF V5.1-12 #29083) with SMTP id <0F6600IE44B7IS@rfd1.oit.umass.edu> for WeaveTech@List-Server.net; Tue, 26 Jan 1999 08:04:21 -0500 (EST)  
Date: Tue, 26 Jan 1999 08:05:30 -0500  
From: Autio <[autio@pssci.umass.edu](mailto:autio@pssci.umass.edu)>  
Subject: Dukagang definition  
X-Sender: autio@mailsrv-unix.oit.umass.edu (Unverified)  
To: WeaveTech@List-Server.net  
Message-id: <4.1.19990126072658.0093b430@mailsrv-unix.oit.umass.edu>  
MIME-version: 1.0  
X-Mailer: QUALCOMM Windows Eudora Pro Version 4.1  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I've read many different definitions, woven dukagang style on a number of different weave structures. I've figured out several ways to get a dukagang-effect but would like to know more about "real" dukagang definitions. For example, I can make columns of pattern area akin to full dukagang in several ways:

- 1) P, Po
- 2) a, P, Po, b, P, Po
- 3) a, P, b, Po

and half dukagang: a, P, b, P

where a and b are tabby sheds, P is a pattern shed, and Po is the pattern shed on opposite to P. Are all of these valid ways to do dukagang or half dukagang? Is a tabby required in full dukagang for it to be dukagang rather than dukagang-style? Is there a true dukagang threading or is dukagang just a way of treadling?

Laurie Autio

To reply privately, send message to Autio <[autio@pssci.umass.edu](mailto:autio@pssci.umass.edu)>

>From owner-weavetech@List-Server.net Tue Jan 26 06:14:12 1999

## WeaveTech Archive 9901

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA06537; Tue, 26 Jan 1999 06:14:12 -0700 (MST)  
Received: from imo25.mx.aol.com (imo25.mx.aol.com [198.81.17.69]) by salmon.esosoft.net (8.8.5) id GAA06532; Tue, 26 Jan 1999 06:14:10 -0700 (MST)  
From: JNBJ@aol.com  
Received: from JNBJ@aol.com  
by imo25.mx.aol.com (IM0v18.1) id 2JPEa15290  
for <weavetech@List-Server.net>; Tue, 26 Jan 1999 08:13:02 -0500 (EST)  
Message-ID: <5c0b447b.36adb5e@aol.com>  
Date: Tue, 26 Jan 1999 08:13:02 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re:lost book  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL for Macintosh sub 50  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Amy,

Try bibliofind.com or alibris.com, if you haven't already. I've found copies of a few out of print books through bibliofind. The prices seemed fair to me and the books arrived in great condition.

Good luck

Janice Jones

To reply privately, send message to JNBJ@aol.com

>From owner-weavetech@List-Server.net Tue Jan 26 06:45:39 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA10976; Tue, 26 Jan 1999 06:45:39 -0700 (MST)  
Received: from imo29.mx.aol.com (imo29.mx.aol.com [198.81.17.73]) by salmon.esosoft.net (8.8.5) id GAA10972; Tue, 26 Jan 1999 06:45:38 -0700 (MST)  
From: Grimi@aol.com  
Received: from Grimi@aol.com  
by imo29.mx.aol.com (IM0v18.1) id GFUFa01223  
for <weavetech@List-Server.net>; Tue, 26 Jan 1999 08:44:57 -0500 (EST)  
Message-ID: <253ff1c5.36adc6d9@aol.com>  
Date: Tue, 26 Jan 1999 08:44:57 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: chenille slipping  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 3.0.1 for Mac sub 82  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

There are a couple of things you can do on an AVL to REDUCE the slipping of rayon chenille on the cloth beam.

Putting on a new beam cover is probably the most effective solution. We are currently recommending a SoftGrip cover that is just that. A very soft rubber cover that grips almost everything very well. We've had reports of it not working well with fine silk because it spreads the weft after it's woven, but no other problems reported at this time. It also reportedly works well with wire weaving!

We have also found that it works much better and is more reliable than the "cheese grater" cover we used to offer. We still have some by the way just

## WeaveTech Archive 9901

in case someone would like it.

The other end of this solution is adding a second weight to the cloth storage system. That also helps to pull the woven chenille through the loom.

Hope this helps.

Tom @ AVL  
grimi@aol.com  
info@avlusa.com

To reply privately, send message to Grimi@aol.com

>From owner-weavetech@List-Server.net Tue Jan 26 06:46:51 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA11224; Tue, 26 Jan 1999 06:46:51 -0700 (MST)  
Received: from imo12.mx.aol.com (imo12.mx.aol.com [198.81.17.2]) by salmon.esosoft.net (8.8.5) id GAA11217; Tue, 26 Jan 1999 06:46:50 -0700 (MST)  
From: Grimi@aol.com  
Received: from Grimi@aol.com  
by imo12.mx.aol.com (IM0v18.1) id QOCSa04795  
for <weavetech@List-Server.net>; Tue, 26 Jan 1999 08:45:48 -0500 (EST)  
Message-ID: <99d80fc5.36adc70c@aol.com>  
Date: Tue, 26 Jan 1999 08:45:48 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: AVL treadling  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 3.0.1 for Mac sub 82  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Switching the lifting treadle from the right leg to the left is a pretty easy conversion, depending on how new the loom is. You'll need new left and right treadle cables (left is shorter and right is longer) and then all you need do is switch the treadles.

On the newer looms the cables are replaceable with no crimping tool necessary. Older AVL's require a crimping tools to put the new cables on.

We'll gladly send out a loaner tool if necessary.

Please let me know if there are any additional questions.

Tom @ AVL  
grimi@aol.com  
info@avlusa.com

To reply privately, send message to Grimi@aol.com

>From owner-weavetech@List-Server.net Tue Jan 26 07:03:03 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA13420; Tue, 26 Jan 1999 07:03:03 -0700 (MST)  
Received: from smtp4.erols.com (smtp4.erols.com [207.172.3.237]) by salmon.esosoft.net (8.8.5) id HAA13415; Tue, 26 Jan 1999 07:03:01 -0700 (MST)  
Received: from LOCALNAME (207-172-111-1.s1.tnt1.ann.erols.com [207.172.111.1])  
by smtp4.erols.com (8.8.8/smtp-v1) with SMTP id JAA08308  
for <weavetech@List-Server.net>; Tue, 26 Jan 1999 09:03:00 -0500 (EST)  
Message-ID: <36ADF438.EAA@erols.com>  
Date: Tue, 26 Jan 1999 08:58:32 -0800  
From: Anne Wells <arwells@erols.com>  
X-Mailer: Mozilla 3.01C-DH397 (Win16; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Dukagang definition  
References: <4.1.19990126072658.0093b430@mailsrv-unix.oit.umass.edu>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

## WeaveTech Archive 9901

Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Autio wrote:

>  
> I've read many different definitions, woven dukagang style on a number of  
> different weave structures.

Laurie -

The Dukagang that I've been taught goes back to the one defined and described by Mary Black in her *\_New Key to Weaving\_*, pages 120 - 126 in my 1957 edition. In fact, the illustration for the book is a wall hanging done in half-dukagang. It's very impressive! In summary, she says that in half dukagang, threads which form the pattern lie on the surface of a plain weave background, and are tied down by every fourth warp thread. In whole dukagang, the background areas, as well as the pattern areas, are filled in. The easiest way I've woven dukagang is on a twill threading -- much less counting to get the pattern areas properly tied down! But of course, one could use just two shafts and do more counting. So, the threading and treadling can be whatever, but one must tie down pattern with every fourth thread.

A literal translation of the word dukagang (the word is Swedish, and is supposed to have a "." over the second a, but I can't type that!) is "straight little paths in the cloth" per Mary Black. She is quoting a Swedish weaving teacher.

Anne in Annandale  
arwells@erols.com

To reply privately, send message to Anne Wells <arwells@erols.com>

>From owner-weavetech@List-Server.net Tue Jan 26 07:56:37 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id HAA24197; Tue, 26 Jan 1999 07:56:37 -0700 (MST)  
Received: from mail.mc.net (mail.mc.net [209.172.128.4]) by salmon.esosoft.net (8.8.5) id HAA24192; Tue, 26 Jan 1999 07:56:36 -0700 (MST)  
Received: (qmail 16937 invoked from network); 26 Jan 1999 14:59:02 -0000  
Received: from tntmodem1-205.mc.net (HELO Butler-Home) (209.172.133.205) by mail.mc.net with SMTP; 26 Jan 1999 14:59:02 -0000  
Message-ID: <001901be494e\$46e8ef20\$cd85acd1@Butler-Home>  
From: "Al and Su Butler" <apbutler@mc.net>  
To: <weavetech@list-server.net>  
Subject: Re: Dukagang definition  
Date: Tue, 26 Jan 1999 09:06:54 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook Express 4.72.2106.4  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.2106.4  
X-Spam-Rating: mail.mc.net 1.6.1 0/1000/N  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Autio wrote:

>> I've read many different definitions, woven dukagang style on a number of  
>> different weave structures.

# WeaveTech Archive 9901

HI Laurie....

According to my Swedish/English dictionary, dukagang is defined as "a laid in Swedish technique; vertical stripes done with a weaving sword on tabby background; brocaded on the counted thread." Doesn't this definition make it a supplementary weft technique, regardless of structure??  
Su :-)

To reply privately, send message to "Al and Su Butler" <apbutler@mc.net>

>From owner-weavetech@List-Server.net Tue Jan 26 09:17:03 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA14504; Tue, 26 Jan 1999 09:17:03 -0700 (MST)  
Received: from mail4.svr.pol.co.uk (mail4.svr.pol.co.uk [195.92.193.211]) by salmon.esosoft.net (8.8.5) id JAA14493; Tue, 26 Jan 1999 09:17:02 -0700 (MST)  
Received: from modem-117.lupron.dialup.pol.co.uk ([62.136.77.117] helo=headquarters) by mail4.svr.pol.co.uk with smtp (Exim 2.10 #1) id 105BAm-0005Is-00 for weavetech@list-server.net; Tue, 26 Jan 1999 16:17:05 +0000  
From: "Ian Bowers" <ian@fibrecrafts.freerve.co.uk>  
To: <weavetech@list-server.net>  
Subject: RE: Looking for a book  
Date: Tue, 26 Jan 1999 10:42:49 -0000  
Message-ID: <000301be4946\$884c6940\$a315883e@headquarters>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3 (Normal)  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2173.0  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
In-Reply-To: <9c80f3c2.36ad02e3@aol.com>  
Importance: Normal  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

To Erica

We have always tried to keep out of print stock for aeons after everybody has run out, and I am sad to say that we ran out of this book about 9 months ago, so your best chance is 2nd hand; sorry

Ian Bowers  
Fibrecrafts; Europe's leading textile crafts supplier  
the best products and a better service  
phone 0(+44) 1483 421853  
fax 0(+44) 1483 419960  
email ian@fibrecrafts.freerve.co.uk

-----Original Message-----

From: owner-weavetech@List-Server.net  
[mailto:owner-weavetech@List-Server.net]On Behalf Of AmyFibre@aol.com  
Sent: Monday, January 25, 1999 11:49 PM  
To: weaving@quilt.net; weavetech@list-server.net  
Subject: Looking for a book

Erica de Ruiter writes:

# WeaveTech Archive 9901

I lost a dear weaving book: 'Latin American Brocading', by Susanne Baizerman and Karin Searle, printed somewhere in the 80-ies. It is since long out of sale as far as I know. [Does] anyone have a spare issue and want to sell/give to me?

Please contact her directly at: <ederuiter@hetnet.nl>

Thanks,  
Amy  
amyfibre@aol.com

To reply privately, send message to AmyFibre@aol.com

To reply privately, send message to "Ian Bowers" <ian@fibrecrafts.freeseve.co.uk>

>From owner-weavetech@List-Server.net Tue Jan 26 10:29:57 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA02505; Tue, 26 Jan 1999 10:29:57 -0700 (MST)  
Received: from darius.concentric.net (darius.concentric.net [207.155.198.79]) by salmon.esosoft.net (8.8.5) id KAA02498; Tue, 26 Jan 1999 10:29:55 -0700 (MST)  
Received: from mcfeely.concentric.net (mcfeely [207.155.184.83]) by darius.concentric.net (8.9.1a/(98/12/15 5.12)) id MAA07240; Tue, 26 Jan 1999 12:30:00 -0500 (EST) [1-800-745-2747 The Concentric Network]  
Received: from concentric.net (ts003d21.tuc-az.concentric.net [206.173.160.129]) by mcfeely.concentric.net (8.9.1a) id MAA23808; Tue, 26 Jan 1999 12:29:58 -0500 (EST)  
Message-ID: <36ADFB7B.AF9C8DA1@concentric.net>  
Date: Tue, 26 Jan 1999 10:29:31 -0700  
From: Marge Coe <MargeCoe@concentric.net>  
X-Sender: "Marge Coe" <MargeCoe@pop3.concentric.net> (Unverified)  
X-Mailer: Mozilla 4.06 [en]C-gatewaynet (Win98; I)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: Looking for a book  
References: <000301be4946\$884c6940\$a315883e@headquarters>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> I lost a dear weaving book: 'Latin American Brocading', by Susanne Baizerman  
> and Karin Searle, printed somewhere in the 80-ies.

I know this is an off-the-wall suggestion, but as no responder has a spare copy thus far, here goes.

Karen is alive and well (as is Sue) in St. Paul. When the press (Dos Tejedoros) was disbanded there was all sorts of stock left over, and it's possible that not all of it went to Interweave--maybe Karen has a couple of copies she'd be willing to part with!

I don't have anyway of contacting her directly, but perhaps the Weavers Guild of Minnesota would forward a letter? I have a very indirect way, that if nothing else works I'd be willing to try.

Margaret

To reply privately, send message to Marge Coe <MargeCoe@concentric.net>

# WeaveTech Archive 9901

>From owner-weavetech@List-Server.net Tue Jan 26 11:17:08 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA14312; Tue, 26 Jan 1999 11:17:08 -0700 (MST)  
Received: from dns1.mcn.org (root@dns1.mcn.org [204.189.12.26]) by salmon.esosoft.net (8.8.5) id LAA14307; Tue, 26 Jan 1999 11:17:07 -0700 (MST)  
Received: from [204.189.12.103] (pm25-1-men-a12.mcn.org [204.189.12.216])  
by dns1.mcn.org (8.9.2/8.9.2) with ESMTP id KAA19172  
for <weavetech@List-Server.net>; Tue, 26 Jan 1999 10:17:09 -0800 (PST)  
X-Sender: admark@mail.mcn.org  
Message-Id: <103130307b2d2b782ebee@[204.189.12.103]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 26 Jan 1999 08:14:20 +0800  
To: weavetech@List-Server.net  
From: Adriane Nicolaisen/Mark Safron <admark@mcn.org>  
Subject: chenille slipping  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I've woven lots of chenille yardage by adding extra weights to my cloth-take-up. I used fishing weights and found that as the diameter of the cloth beam grew I needed to add more weight to the take-up. I found I could produce 10 to 12 yards before I had to cut the cloth off and start a new roll. Sometimes I added as much as 10 lbs to the take-up weight. The great thing about fishing weights is they are a specified weight ie: 1/4 lb, 1/2 lb etc.

To reply privately, send message to Adriane Nicolaisen/Mark Safron <admark@mcn.org>

>From owner-weavetech@List-Server.net Tue Jan 26 19:39:18 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA10496; Tue, 26 Jan 1999 19:39:18 -0700 (MST)  
Received: from ada.sstsystems.net (ada.sstsystems.net [207.164.1.21]) by salmon.esosoft.net (8.8.5) id TAA10446; Tue, 26 Jan 1999 19:39:11 -0700 (MST)  
Received: from default ([207.164.1.34]) by ada.sstsystems.net (8.7.5/8.6.9) with SMTP id VAA28334 for <weavetech@List-Server.net>; Tue, 26 Jan 1999 21:33:34 -0500 (EST)  
Message-Id: <3.0.32.19990126213305.00c86dfc@mail.sstsystems.net>  
X-Sender: ingrid@mail.sstsystems.net  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Tue, 26 Jan 1999 21:38:51 -0500  
To: weavetech@List-Server.net  
From: Fiberworks PCW <ingrid@fiberworks-pcw.com>  
Subject: y2k  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Myra:

>What if you need to be able to read archival files that may have been  
>created in those "doubtful programs" on that computer.

It is not the dates ON the files but the dates IN the files, if they are calculated, so on databases and payroll and spreadsheet. You may have to get a new y2k compliant software that will read the old files, open them in the new program and save to the new format. Some files will not be affected at all. But other ones may be. Until we get there we won't know for sure. MOST of us will have absolutely no

# WeaveTech Archive 9901

problems.

To be safe, print those treasures out! on paper, no y2k there.

Ingrid

Please update your address book and bookmark to our NEW address

Ingrid Boesel, the weaving half of Fiberworks PCW

Visit us at: <http://www.fiberworks-pcw.com>

Email: [ingrid@fiberworks-pcw.com](mailto:ingrid@fiberworks-pcw.com)

To reply privately, send message to Fiberworks PCW <[ingrid@fiberworks-pcw.com](mailto:ingrid@fiberworks-pcw.com)>

>From owner-weavetech@List-Server.net Tue Jan 26 19:44:09 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id TAA11600; Tue, 26 Jan 1999 19:44:09 -0700 (MST)

Received: from imo27.mx.aol.com (imo27.mx.aol.com [198.81.17.71]) by salmon.esosoft.net (8.8.5) id TAA11590; Tue, 26 Jan 1999 19:44:07 -0700 (MST)

From: Grimi@aol.com

Received: from Grimi@aol.com

by imo27.mx.aol.com (IM0v18.1) id 6PCUa06037

for <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>; Tue, 26 Jan 1999 21:41:32 +1900 (EST)

Message-ID: <10541cbb.36ae7cdc@aol.com>

Date: Tue, 26 Jan 1999 21:41:32 EST

To: [weavetech@List-Server.net](mailto:weavetech@List-Server.net)

Mime-Version: 1.0

Subject: Re: AVL Treadling-long

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

X-Mailer: AOL 3.0.1 for Mac sub 82

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: [weavetech@list-server.net](mailto:weavetech@list-server.net)

Hello again,

Tom has prevailed on me to pick up this thread at least one more time, so here goes...but please folks, getting too involved in this discussion starts to tread dangerously close to some commercial considerations, trade secrets if you will. We don't necessarily care to share all of our internal considerations with the world, until, of course, we are ready to make them available to all. So please excuse us if our business concerns get in the way of our sharing of information. That being said, here goes.

1.) Two treadles versus one. Jim Ahrens has always believed that two treadles, much like two heads, are better than one. It clearly is more balanced or at least it should be. There is no doubt however that the right treadle on an AVL does more work than the left. That's why, of course, we added the Dobby Cam Cylinder that provides an additional mechanical advantage to the right treadle. And our Spring Lever System, which allows the user to set how much pressure is on the individual harnesses, also mitigates the amount of force necessary to lift the shafts.

Indeed, an AVL loom equipped with polyester heddles is really easy to lift. The right treadle is truly easy to depress...problems emerged when we started offering metal heddles. But when the treadle cables are adjusted correctly and the spring levers are tensioned appropriately, then you should be able to keep 6, 8, 10 even 12 60" harnesses lifted with your baby toe - literally! I do it all the time at Conferences...it's part of my standard AVL demonstration.

2.) Adding a Spring to the Dobby Arm -- to eliminate the need for a second

## WeaveTech Archive 9901

treadle. Allen Fannin tried this on his Studio Dobby Loom and has told us that after a little experimentation, he found the perfect balance. It's funny because we did the same thing over ten years ago (!) for Margaret Windeknecht ( on an AVL 40" Small Frame Dobby) just after she suffered a stroke that left one side of her body all but useless. Funny because I, much like Ingrid Boesel in her recent post, always pooh-poohed this solution as silly. Why put a spring on the loom that you have to work against? Funny because Margaret has always LOVED her loom! Loved the spring; loved the single treadle; and to this day continues to love her AVL loom. And we, for all intents and purposes, ignored her success and pleasure and continued with the two treadle system, until we discovered....

3.) Air Systems. Really folks, there's no need to get a Swiss Engineer to design an air lift for your doobby. We have it...it's right there in our Price List, item #520. It's simple and very elegant. All we do is control the raising and lowering of the doobby arm (knife) with a small air cylinder that's mounted on the end of the arm. It eliminates the treadles and takes all the strain off your legs...requires absolutely no effort at all, in fact it can be set up as a series of push buttons as found on our Industrial Dobby Loom. The aforementioned Margaret Windeknecht is changing over to this system on her new Studio Dobby Loom, because, well, I convinced her that it's superior to her spring system.

4. The future. Well here's where we start to tread right up to the edge of our corporate secrets (maybe "corporate planning" is a better description). Jim Ahrens has been working on what I call (with a tip of the hat to Einstein) on a "Unified Theory of Treadling" for many, many years now. The purpose of said Unified Theory is to have a TWO TREADLE SYSTEM, where each movement of a treadle will raise the shafts. Think of it as Allen Fannin's one treadle system squared. Jim even has a nice little loom in his shop in Salt Lake City that works on this principle. We have experimented with it ourselves for years now...only trouble is, it only works on narrow looms. Doesn't pass muster on the more popular wider looms. Sorry, that's all I'm going to say about the subject.

5.) Summary. Our feeling is, despite our lack of the perfect solution (still working on it!) that we do offer a pretty good variety. You have:

1. ) Traditional AVL two treadle system - thousands of weavers around the world can't ALL be wrong, can they?
- 2.) One treadle (mechanical) with spring - which we are in the midst of re-examining, with a tip of the hat to Allen Fannin  
- and -
- 3.) an AVL Air Dobby System - takes ALL the effort out of the lifting.

Not bad, we think.

I guess I ran on a bit long again, so thanks for indulging us at least one more time.

Sincerely,

Peter Straus  
info@avlusa.com  
800-626-9615

To reply privately, send message to Grimi@aol.com

>From owner-weavetech@List-Server.net Wed Jan 27 08:51:01 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id IAA15002; Wed, 27 Jan 1999 08:51:01 -0700 (MST)

Received: from netexpress.net (root@shamu.netexpress.net [206.65.64.2]) by salmon.esosoft.net (8.8.5) id IAA14994; Wed, 27 Jan 1999 08:50:59 -0700 (MST)

X-Authentication-Warning: salmon.esosoft.net: Host root@shamu.netexpress.net

# WeaveTech Archive 9901

[206.65.64.2] claimed to be netexpress.net  
Received: from [206.65.65.147] (flexgen-18.netexpress.net [206.65.65.147])  
by netexpress.net (8.9.1/8.9.1) with ESMTP id JAA08429  
for <weavetech@List-Server.net>; Wed, 27 Jan 1999 09:50:57 -0600  
X-Sender: dlindell@netexpress.net  
Message-Id: <v03007800b2d4e188261e@[206.65.65.175]>  
In-Reply-To: <199901270239.TAA10523@salmon.esosoft.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Date: Wed, 27 Jan 1999 09:54:26 -0600  
To: weavetech@List-Server.net  
From: Dick Lindell <hataori@writeme.com>  
Subject: Re: Dukagang definition  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Autio <autio@pssci.umass.edu> wrote:  
>Is there a true dukagang threading or is dukagang just a way of treadling?

Dukag=E5ng as I know it is a very specific supplementary weft technique of covering a fixed number of ends. (i.e. 3) followed by a 4 end for tiedown. This creates columns of pattern on the surface. It is definitely a one sided fabric. Half Dukag=E5ng has pattern only with the background in plain weave. Full Dukag=E5ng covers the background also. The traditional threading is a straight draw. Treadling is plain weave. How you treadle to get the tiedown ends up is at your discretion. There is always a plain weave shot - then pattern is laid in.

I suppose that one could make longer floats (tie down less often) but, as I know Dukag=E5ng, the pattern floats are always the same length (4 ends, 5 ends, 6 ends .....) else it is not Dukag=E5ng.

I have a piece woven by my aunt from Sweden over 60 years ago. I have done some Dukag=E5ng my self for liturgical stoles. It is great for that purpose=  
=2E  
Not as dramatic as Moorman but quite striking.

Dick Lindell, Weaver  
Check out Dick's Die-Cut cards at<<http://www.angelfire.com/il/dickshome>>  
-----

One who elevates their profession iz the best mechanic, whether preaching the gospel, peddling phisic, or skinning eels for a living.  
- Josh Billings

To reply privately, send message to Dick Lindell <hataori@writeme.com>

>From owner-weavetech@List-Server.net Wed Jan 27 09:54:16 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA29608; Wed, 27 Jan 1999 09:54:16 -0700 (MST)  
Received: from imo12.mx.aol.com (imo12.mx.aol.com [198.81.17.2]) by salmon.esosoft.net (8.8.5) id JAA29595; Wed, 27 Jan 1999 09:54:15 -0700 (MST)  
From: Num1weaver@aol.com  
Received: from Num1weaver@aol.com  
by imo12.mx.aol.com (IMOV18.1) id EWWJa04795  
for <weavetech@List-Server.net>; Wed, 27 Jan 1999 11:52:30 -0500 (EST)  
Message-ID: <93171e12.36af444e@aol.com>

# WeaveTech Archive 9901

Date: Wed, 27 Jan 1999 11:52:30 EST  
To: weavetech@List-Server.net  
Mime-Version: 1.0  
Subject: Re: AVL Treadling-long  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 3.0 for Windows 95 sub 64  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Thanks for the information Peter. I don't have an AVL, but am always interested in information about looms. I have talked to Jim about his looms and have read al the comments on the list. There is never the "perfect" loom, but it is interesting to see how you are coming close.

Deanna

To reply privately, send message to Num1weaver@aol.com

>From owner-weavetech@List-Server.net Wed Jan 27 10:52:44 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA13584; Wed, 27 Jan 1999 10:52:44 -0700 (MST)  
Received: from linknet.kitsap.lib.wa.us (linknet.kitsap.lib.wa.us [198.187.135.22]) by salmon.esosoft.net (8.8.5) id KAA13575; Wed, 27 Jan 1999 10:52:41 -0700 (MST)  
Received: from linknet.kitsap.lib.wa.us (linknet.kitsap.lib.wa.us [198.187.135.22]) by linknet.kitsap.lib.wa.us (8.9.1/8.8.5) with ESMTP id JAA04311 for <weavetech@List-Server.net>; Wed, 27 Jan 1999 09:49:25 -0800 (PST)  
Date: Wed, 27 Jan 1999 09:49:25 -0800 (PST)  
From: AE Silas <asilas@linknet.kitsap.lib.wa.us>  
To: weavetech@List-Server.net  
Subject: Re: Louet Megado  
In-Reply-To: <3.0.3.32.19990122204933.006c6618@cpcug.org>  
Message-ID: <Pine.S04.4.05.9901270948230.22262-100000@linknet.kitsap.lib.wa.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

> Dave, and the answer is yes & yes--they will be at MAFA and they will have  
> a Megado. Thought I'd let everyone know, in case others are also  
> interested in seeing/trying this new loom.

And those of us unable to attend want to hear about it!

Anne in Bainbridge, hoping to make that leap in the next millennium or so.

Anne Silas  
asilas@krl.org  
Bainbridge Island, Washington, USA

To reply privately, send message to AE Silas <asilas@linknet.kitsap.lib.wa.us>

>From owner-weavetech@List-Server.net Thu Jan 28 04:27:19 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id EAA14523; Thu, 28 Jan 1999 04:27:19 -0700 (MST)  
Received: from pobox1.oit.umass.edu (mailhub.oit.umass.edu [128.119.166.151]) by salmon.esosoft.net (8.8.5) id EAA14517; Thu, 28 Jan 1999 04:27:18 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host mailhub.oit.umass.edu [128.119.166.151] claimed to be pobox1.oit.umass.edu

## WeaveTech Archive 9901

Received: from autio (nsas100p21.remote.umass.edu)  
by pobox1.oit.umass.edu (PMDF V5.1-12 #29083)  
with SMTP id <0F6900H3BP5HCZ@pobox1.oit.umass.edu> for  
WeaveTech@List-Server.net; Thu, 28 Jan 1999 06:27:18 -0500 (EST)  
Date: Thu, 28 Jan 1999 06:28:34 -0500  
From: Autio <autio@pssci.umass.edu>  
Subject: Re: Dukagang definition  
X-Sender: autio@mailsrv-unix.oit.umass.edu  
To: WeaveTech@List-Server.net  
Message-id: <4.1.19990128062006.00a9c2e0@mailsrv-unix.oit.umass.edu>  
MIME-version: 1.0  
X-Mailer: QUALCOMM Windows Eudora Pro Version 4.1  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Thanks to all for the information on Dukagang. Yes, I had read Mary Black, but had seen a variety of other definitions where dukagang and dukagang-style were used fairly freely. It sounds like I definitely need the tabby in full dukagang, but that it could come either after every pattern shot or every pair of pattern shots and still fit the definition of a supplementary weft structure.

happy weaving,  
Laurie Autio

To reply privately, send message to Autio <autio@pssci.umass.edu>

>From owner-weavetech@List-Server.net Thu Jan 28 06:54:31 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id GAA08497; Thu, 28 Jan 1999 06:54:31 -0700 (MST)  
Received: from netexpress.net (root@shamu.netexpress.net [206.65.64.2]) by salmon.esosoft.net (8.8.5) id GAA08490; Thu, 28 Jan 1999 06:54:29 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host root@shamu.netexpress.net [206.65.64.2] claimed to be netexpress.net  
Received: from [206.65.65.165] (flexgen-36.netexpress.net [206.65.65.165]) by netexpress.net (8.9.1/8.9.1) with ESMTMP id HAA24126 for <weavetech@List-Server.net>; Thu, 28 Jan 1999 07:54:27 -0600  
X-Sender: dlindell@netexpress.net  
Message-Id: <v03007801b2d61ca41181@[206.65.65.165]>  
In-Reply-To: <199901281101.EAA11110@salmon.esosoft.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Thu, 28 Jan 1999 07:58:02 -0600  
To: weavetech@List-Server.net  
From: Dick Lindell <hataori@writeme.com>  
Subject: Re: weavetech-digest V1 #186  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Sorry for all the "Dukag=E5ng"'s in my message. It's really "Dukagang"  
>with a little circle over the last "a". I keep forgetting that too much  
>of the world is not "Mac Compliant". <G>

Dick Lindell, Weaver  
Check out Dick's Die-Cut cards at<<http://www.angelfire.com/il/dickshome>>  
-----

# WeaveTech Archive 9901

One who elevates their profession iz the best mechanic, whether preaching the gospel, peddling phisic, or skinning eels for a living.

- Josh Billings

To reply privately, send message to Dick Lindell <hataori@writeme.com>

>From owner-weavetech@List-Server.net Thu Jan 28 09:33:13 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id JAA25098; Thu, 28 Jan 1999 09:33:13 -0700 (MST)  
Received: from ada.sstsystems.net (ada.sstsystems.net [207.164.1.21]) by salmon.esosoft.net (8.8.5) id JAA25063; Thu, 28 Jan 1999 09:33:10 -0700 (MST)  
Received: from default ([207.164.1.41]) by ada.sstsystems.net (8.7.5/8.6.9) with SMTP id LAA10349 for <weavetech@List-Server.net>; Thu, 28 Jan 1999 11:21:23 -0500 (EST)  
Message-Id: <3.0.32.19990128112013.00696ad4@mail.sstsystems.net>  
X-Sender: ingrid@mail.sstsystems.net  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Thu, 28 Jan 1999 11:26:20 -0500  
To: weavetech@List-Server.net  
From: Fiberworks PCW <ingrid@fiberworks-pcw.com>  
Subject: Dukagang  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Dick:

I have done dukagang and half dukagang on Summer and Winter to get the 3 end float and control of the pattern by block structure. I use the supplementary weft pattern either over ends P1P or P2P but should be consistent. The P is the pattern shaft anything between 3 and 24 in my case. This gives the floats over 3 ends with a one thread tie down between adjacent blocks of floats. In half dukagang the background is summer and winter ground structure, not plain weave. To do the full dukagang, two colors of pattern are used in "On Opposites" manner. No ground structure is then visible. Both are reversible, but negative images.

Pattern blocks can be shaft controlled or picked up. It is really easy to do pick up on Summer and Winter, since the tie downs can be lifted easily and are easy to see. I did the method where you change shed in mid shot and that worked well too, if you have to use pickup techniques.

Ingrid

Please update your address book and bookmark to our NEW address  
Ingrid Boesel, the weaving half of Fiberworks PCW  
Visit us at: <http://www.fiberworks-pcw.com>  
Email: [ingrid@fiberworks-pcw.com](mailto:ingrid@fiberworks-pcw.com)

To reply privately, send message to Fiberworks PCW <ingrid@fiberworks-pcw.com>

>From owner-weavetech@List-Server.net Thu Jan 28 16:55:15 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA04345; Thu, 28 Jan 1999 16:55:15 -0700 (MST)  
Received: from harrier.prod.itd.earthlink.net (harrier.prod.itd.earthlink.net [207.217.120.12]) by salmon.esosoft.net (8.8.5) id QAA04333; Thu, 28 Jan 1999 16:55:14 -0700 (MST)  
Received: from cronenorth.earthlink.net (sdn-ar-004mnminnP181.dialsprint.net

# WeaveTech Archive 9901

[168.191.103.221])

by harrier.prod.itd.earthlink.net (8.8.7/8.8.5) with SMTP id PAA20063  
for <weavetech@List-Server.net>; Thu, 28 Jan 1999 15:48:41 -0800 (PST)  
From: "Judith Favia" <cronenorth@earthlink.net>  
To: <weavetech@List-Server.net>  
Subject: RE: Looking for a book  
Date: Thu, 28 Jan 1999 17:56:24 -0600  
Message-ID: <000001be4b19\$d0236a00\$dd67bfa8@cronenorth.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
X-Priority: 3 (Normal)  
X-MSMail-Priority: Normal  
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2377.0  
Importance: Normal  
In-Reply-To: <36ADFB7B.AF9C8DA1@concentric.net>  
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I looked up Karen on the Internet, and you can write to her at this address:

Karen Searle  
1742 Portland Ave  
St Paul, MN 55104  
612-642-9897

She is a wonderful person and may have some good ideas.

Judith

Judith Favia, Minneapolis, MN  
cronenorth@earthlink.net

-----Original Message-----

> I lost a dear weaving book: 'Latin American Brocading', by Susanne  
Baizerman  
> and Karin Searle, printed somewhere in the 80-ies.

I know this is an off-the-wall suggestion, but as no responder has a  
spare copy thus far, here goes.

Karen is alive and well (as is Sue) in St. Paul. When the press (Dos  
Tejedoros) was disbanded there was all sorts of stock left over, and  
it's possible that not all of it went to Interweave--maybe Karen has a  
couple of copies she'd be willing to part with!

To reply privately, send message to "Judith Favia" <cronenorth@earthlink.net>

>From owner-weavetech@List-Server.net Fri Jan 29 05:22:55 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id FAA08765; Fri, 29 Jan 1999  
05:22:55 -0700 (MST)  
Received: from forward.hetnet.nl (smtp2.hetnet.nl [145.7.226.1]) by salmon.esosoft.net  
(8.8.5) id FAA08752; Fri, 29 Jan 1999 05:22:52 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host smtp2.hetnet.nl [145.7.226.1] claimed  
to be forward.hetnet.nl  
Received: from hetnet.nl ([194.151.104.129]) by forward.hetnet.nl with Microsoft

# WeaveTech Archive 9901

SMTSPVC(5.5.1875.185.18);

Fri, 29 Jan 1999 13:19:08 +0100

Received: from onbekend ([145.53.66.54]) by hetnet.nl with Microsoft

SMTSPVC(5.5.1877.117.11);

Fri, 29 Jan 1999 13:21:27 +0100

Message-ID: <MAPI.Id.0016.007275697465722030303037303037@MAPI.to.RFC822>

In-Reply-To: <000001be4b19\$d0236a00\$dd67bfa8@cronenorth.earthlink.net>

References: Conversation <36ADFB7B.AF9C8DA1@concentric.net> with last message

<000001be4b19\$d0236a00\$dd67bfa8@cronenorth.earthlink.net>

X-MSMail-Priority: Normal

X-Priority: 3

To: "weaver's list, weavetech" <weavetech@list-server.net>,

"weaver's list, weavetech" <weavetech@list-server.net>

MIME-Version: 1.0

From: "Erica de Ruiter" <ederuiter@hetnet.nl>

Subject: Re: Looking for a book

Date: Fri, 29 Jan 99 12:54:26 PST

Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"

Content-Transfer-Encoding: quoted-printable

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

On my question if somebody could help me to find a book that has been out of print for many years I got many useful suggestions and answers. Mrs. Deanna Baugh found a spare issue for me. Thank you all for your kind help.

Erica de Ruiter, Nijmegen, the Netherlands.

To reply privately, send message to "Erica de Ruiter" <ederuiter@hetnet.nl>

>From owner-weavetech@List-Server.net Fri Jan 29 16:08:55 1999

Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id QAA09548; Fri, 29 Jan 1999 16:08:55 -0700 (MST)

Received: from imo20.mx.aol.com (imo20.mx.aol.com [198.81.17.10]) by salmon.esosoft.net (8.8.5) id QAA09541; Fri, 29 Jan 1999 16:08:53 -0700 (MST)

From: Weavaway@aol.com

Received: from Weavaway@aol.com

by imo20.mx.aol.com (IM0v18.1) id LSVYa19764

for <weavetech@List-Server.net>; Fri, 29 Jan 1999 18:07:21 -0500 (EST)

Message-ID: <74c3a83b.36b23f29@aol.com>

Date: Fri, 29 Jan 1999 18:07:21 EST

To: weavetech@List-Server.net

Mime-Version: 1.0

Subject: Re: MAFA Vendors

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

X-Mailer: AOL 4.0 for Windows 95 sub 214

Sender: owner-weavetech@List-Server.net

Precedence: bulk

Reply-To: weavetech@list-server.net

Several people have been asking which vendors would be at MAFA, so thought I would post the list to everyone.

Alexandria Textiles

Beady-Eyed Women

Bobbins by Van-Dieren

Carodan Farm Wool Shop

The Clearing (Corriedale Sheep and Wool)

Cloverleaf Farms

Cochenille Design Studio

Colores de Pueblo

# WeaveTech Archive 9901

Fiber Design Studio  
Fiberworks Software for Weavers  
Fireside Fiberarts  
Gloria Cooper  
The Good Shepherd  
Harrisville Designs  
Hot Glass Beads  
Kasuri Dyeworks  
Louet Sales Inc.  
Lunatic Frings  
Mannings  
Mekong Riber Textiles  
Misty Mountain Farm  
PRO Chemical & Dye  
Randall Darwall  
Robin & Russ  
Royalwood  
Serpentipity Farm & Studio  
Shadyside Farm  
Spinnery  
Susan's Fiber Shop  
Sweet Baboo  
Tralfamadore Farm  
TWE/Beads  
Weaver's Place  
WebWestcrpft Beadwprls  
Wild West Weaver  
The Woolroom  
Yarn Barn

-Nancy Steward

To reply privately, send message to [Weavaway@aol.com](mailto:Weavaway@aol.com)

>From owner-weavetech@List-Server.net Sat Jan 30 10:42:37 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id KAA26576; Sat, 30 Jan 1999 10:42:37 -0700 (MST)  
Received: from wavecom.net (root@wave.sheridan.wy.us [206.54.116.2]) by salmon.esosoft.net (8.8.5) id KAA26572; Sat, 30 Jan 1999 10:42:36 -0700 (MST)  
X-Authentication-Warning: salmon.esosoft.net: Host root@wave.sheridan.wy.us [206.54.116.2] claimed to be wavecom.net  
Received: from vmyers.wavecom.net (cody22.wavecom.net [206.54.115.94]) by wavecom.net (8.8.5/8.8.5) with ESMTMP id KAA07872 for <weavetech@list-server.net>; Sat, 30 Jan 1999 10:31:17 -0700  
Message-Id: <199901301731.KAA07872@wavecom.net>  
From: "Vernice Myers" <vmyers@wavecom.net>  
To: <weavetech@list-server.net>  
Subject: co-op gallery info needed  
Date: Sat, 30 Jan 1999 10:43:37 -0700  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1161  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I am considering putting my handwoven rugs/saddleblankets in a new co-op

## WeaveTech Archive 9901

gallery. Is there anyone on this list who belongs to such? What I need to know is what rules/regulations your co-op has for a jury to follow.  
Vernice vmyers@wavecom.net

To reply privately, send message to "Vernice Myers" <vmyers@wavecom.net>

>From owner-weavetech@List-Server.net Sat Jan 30 11:30:53 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id LAA04702; Sat, 30 Jan 1999 11:30:53 -0700 (MST)  
Received: from harrier.prod.itd.earthlink.net (harrier.prod.itd.earthlink.net [207.217.120.12]) by salmon.esosoft.net (8.8.5) id LAA04697; Sat, 30 Jan 1999 11:30:52 -0700 (MST)  
Received: from 1Cust171.tnt4.santa-barbara.ca.da.uu.net (1Cust171.tnt4.santa-barbara.ca.da.uu.net [208.251.97.171])  
by harrier.prod.itd.earthlink.net (8.8.7/8.8.5) with SMTP id KAA24398  
for <weavetech@List-Server.net>; Sat, 30 Jan 1999 10:30:57 -0800 (PST)  
Message-ID: <36B34F3B.6804@earthlink.net>  
Date: Sat, 30 Jan 1999 10:28:11 -0800  
From: robin lewis <robinlewis@earthlink.net>  
X-Mailer: Mozilla 3.0C-NSCP (Win95; U)  
MIME-Version: 1.0  
To: weavetech@List-Server.net  
Subject: Re: CASCH conference  
References: <36A8CBFD.21C1@siue.edu>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

I just wanted to send a little reminder to those who are thinking of registering for the Conference of the Association of Southern California Handweavers in Santa Barbara this March--the workshops are filling up.  
For more info <http://www.casch.org>

Thanks , Robin Lewis

To reply privately, send message to robin lewis <robinlewis@earthlink.net>

>From owner-weavetech@List-Server.net Sat Jan 30 13:17:47 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id NAA23335; Sat, 30 Jan 1999 13:17:47 -0700 (MST)  
Received: from enaila.nidlink.com (root@enaila.nidlink.com [216.18.128.8]) by salmon.esosoft.net (8.8.5) id NAA23328; Sat, 30 Jan 1999 13:17:46 -0700 (MST)  
Received: from elizabeth.nidlink.com (pm9-40.nidlink.com [216.18.141.95])  
by enaila.nidlink.com (8.9.0/8.9.0) with ESMTMP id MAA02610  
for <weavetech@List-Server.net>; Sat, 30 Jan 1999 12:17:49 -0800 (PST)  
Message-Id: <199901302017.MAA02610@enaila.nidlink.com>  
From: "Elizabeth Merrill" <elizabeth@nidlink.com>  
To: <weavetech@List-Server.net>  
Date: Sat, 30 Jan 1999 09:09:44 -0800  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1161  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>GET WEAVETECH weavetech.9812

# WeaveTech Archive 9901

>GET WEAVETECH weavetech.9901  
>END

To reply privately, send message to "Elizabeth Merrill" <elizabeth@nidlink.com>

>From owner-weavetech@List-Server.net Sat Jan 30 20:58:23 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id UAA16109; Sat, 30 Jan 1999 20:58:23 -0700 (MST)  
Received: from camel7.mindspring.com (camel7.mindspring.com [207.69.200.57]) by salmon.esosoft.net (8.8.5) id UAA16105; Sat, 30 Jan 1999 20:58:21 -0700 (MST)  
Received: from ibm-customer (user-38ldh1o.dialup.mindspring.com [209.86.196.56]) by camel7.mindspring.com (8.8.5/8.8.5) with SMTP id WAA22806 for <weavetech@List-Server.net>; Sat, 30 Jan 1999 22:58:31 -0500 (EST)  
Message-Id: <3.0.1.32.19990130195939.00696810@pop.mindspring.com>  
X-Sender: bnathans@pop.mindspring.com  
X-Mailer: Windows Eudora Light Version 3.0.1 (32)  
Date: Sat, 30 Jan 1999 19:59:39 -0800  
To: weavetech@List-Server.net  
From: Barbara Nathans <bnathans@mindspring.com>  
Subject: Re: weavetech-digest V1 #181  
In-Reply-To: <199901250737.AAA26317@salmon.esosoft.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>Laptop sometimes do not have the power in the ports to interface with a  
>loom.  
>But is wise to check the specs on your desired or preferred program before  
>committing to any computer.  
>  
>Ingrid

I don't know how to go about checking the compatibility of older computers and newer software, but I sure had such a problem, trying to get an older IBM thinkpad to work with the fine knitting program "Designaknit". It never did. When I tried the program with a newer computer, I had no problem. The company was actually aware of the problem.....

So if I were buying a used computer, especially a lap-top to run a weaving program/loom interface, I would call the software writer and run the purchase past him/her for possible problems.

As I remember, the number pad on some laptops don't register with Fiberworks PCW (dos) and I used a feature dependent on the numberpad a lot.... I would not have been happy to lose that feature.

Barbara Nathans Bellport, Long Island, NY  
(and warm and sunny San Diego, Ca for January, February and March)

To reply privately, send message to Barbara Nathans <bnathans@mindspring.com>

>From owner-weavetech@List-Server.net Sat Jan 30 22:30:25 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id WAA00602; Sat, 30 Jan 1999 22:30:25 -0700 (MST)  
Received: from dns1.mcn.org (root@dns1.mcn.org [204.189.12.26]) by salmon.esosoft.net (8.8.5) id WAA00595; Sat, 30 Jan 1999 22:30:24 -0700 (MST)  
Received: from [204.189.8.149] (pm25-4-men-a16.mcn.org [204.189.12.245]) by dns1.mcn.org (8.9.2/8.9.2) with ESMTP id VAA23153 for <weavetech@List-Server.net>; Sat, 30 Jan 1999 21:30:32 -0800 (PST)

## WeaveTech Archive 9901

X-Sender: admark@mail.mcn.org  
Message-Id: <l03130306b2d8ba2e4c65@[204.189.8.149]>  
In-Reply-To: <199901302017.MAA02610@enaila.nidlink.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sat, 30 Jan 1999 21:32:36 +0800  
To: weavetech@List-Server.net  
From: Adriane Nicolaisen/Mark Safron <admark@mcn.org>  
Subject: Re:  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

>>GET WEAVETECH weavetech.9812  
>>GET WEAVETECH weavetech.9901  
>>END  
>  
>  
>  
>To reply privately, send message to "Elizabeth Merrill"  
><elizabeth@nidlink.com>

To reply privately, send message to Adriane Nicolaisen/Mark Safron <admark@mcn.org>

>From owner-weavetech@List-Server.net Sun Jan 31 12:03:25 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id MAA10574; Sun, 31 Jan 1999 12:03:25 -0700 (MST)  
Received: from ada.sstsystems.net (ada.sstsystems.net [207.164.1.21]) by salmon.esosoft.net (8.8.5) id MAA10565; Sun, 31 Jan 1999 12:03:21 -0700 (MST)  
Received: from default ([207.164.1.52]) by ada.sstsystems.net (8.7.5/8.6.9) with SMTP id NAA10409 for <weavetech@List-Server.net>; Sun, 31 Jan 1999 13:58:11 -0500 (EST)  
Message-Id: <3.0.32.19990131135608.0068947c@mail.sstsystems.net>  
X-Sender: ingrid@mail.sstsystems.net  
X-Mailer: Windows Eudora Pro Version 3.0 (32)  
Date: Sun, 31 Jan 1999 14:03:16 -0500  
To: weavetech@List-Server.net  
From: Fiberworks PCW <ingrid@fiberworks-pcw.com>  
Subject: Co-op Gallery  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: weavetech@list-server.net

Hi Vernice:

I have belonged to a co-op (loved it) and did consignment (hated it) for a few years.

I have one very strict rule. No pottery may be placed on the weaving. (Except as a occasional short term Window display, and never without protection on the bottom of the pot) "If you want to use my weaving as a prop or a background to enhance the pottery, I would be pleased to sell you a placemat to do it."

No weaving in windows not protected by UV screen and no weavings in south or west windows at all. (Had a silk purse ruined by fading in one week in winter!)

The jury at the co-op consisted of a member at large, one of the executives members and a rotating member. This rotating member would have an area of expertise. So if weaving came in, then a textile person would be on the jury. Needless to say, if it was woven clothing, then a member who also

## WeaveTech Archive 9901

wove clothing may have a conflict, so a silk painter, or quilter or rug weaver could be asked. Usually the other two members would have marketing knowhow or display experience to judge the "sell-ability" of the work. If there was any doubt as to the prospective member or the jury could not decide, then we took it to the next members meeting. We had meetings once a month. No members were accepted after Oct 15, because we found that these usually joined just for Christmas and pulled out in Jan, never doing any work. New members worked twice with experienced members and on the second work day, were assigned a space, and shown how and where the display equipment was, and then allowed to place items for sale in their area. The second work day was scheduled to be Monday, or if not possible, to start before opening time or after closing time. A new member was featured in the newsletter that went to our mailing list, so that new work was always stressed. We had monthly "shows" in the window and in one area in the store. These shows had specific themes. Like On the Beach for a summer show, Wood and wool, Partners for a show featuring collaborations. This was a good incentive to members. Individuals were also featured every month. We had both working and non working memberships, with two different membership fees and different percentages kept by the co-op. I no longer belong because I do not produce to sell. But I loved the control I had over my work in the co-op, vs the consignment route.

Ingrid

Please update your address book and bookmark to our NEW address  
Ingrid Boesel, the weaving half of Fiberworks PCW  
Visit us at: <http://www.fiberworks-pcw.com>  
Email: [ingrid@fiberworks-pcw.com](mailto:ingrid@fiberworks-pcw.com)

To reply privately, send message to Fiberworks PCW <[ingrid@fiberworks-pcw.com](mailto:ingrid@fiberworks-pcw.com)>

>From owner-weavetech@List-Server.net Sun Jan 31 15:19:13 1999  
Received: (salmon@localhost) by salmon.esosoft.net (8.8.5) id PAA17986; Sun, 31 Jan 1999 15:19:13 -0700 (MST)  
Received: from imo25.mx.aol.com (imo25.mx.aol.com [198.81.17.69]) by salmon.esosoft.net (8.8.5) id PAA17980; Sun, 31 Jan 1999 15:19:12 -0700 (MST)  
From: EVESTUDIO@aol.com  
Received: from EVESTUDIO@aol.com  
by imo25.mx.aol.com (IMOV18.1) id 8HLRa20271  
for <[weavetech@List-Server.net](mailto:weavetech@List-Server.net)>; Sun, 31 Jan 1999 17:18:14 -0500 (EST)  
Message-ID: <8000cc5a.36b4d6a6@aol.com>  
Date: Sun, 31 Jan 1999 17:18:14 EST  
To: [weavetech@List-Server.net](mailto:weavetech@List-Server.net)  
Mime-Version: 1.0  
Subject: Re: Rayon  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
X-Mailer: AOL 4.0 for Windows 95 sub 214  
Sender: owner-weavetech@List-Server.net  
Precedence: bulk  
Reply-To: [weavetech@list-server.net](mailto:weavetech@list-server.net)

To anyone on the Weavetech list: The discussion of rayon raises some questions for me. 1) Can anyone tell me the shrinkage rate expected when weaving yardage using rayon yarn? 2) What if using rayon/cotton blend as in a fancy rayon slub wrapped with cotton as weft and cotton as warp?

Thanks for any information.

# WeaveTech Archive 9901

Elaine Deyo  
Answer privately to: [EVESTUDIO@aol.com](mailto:EVESTUDIO@aol.com)

To reply privately, send message to [EVESTUDIO@aol.com](mailto:EVESTUDIO@aol.com)