



My earlier charting experiments used another aspect of Swiftweave, the ability to change the grid size in the analysis area by changing warp ends per inch and/or weft picks per inch. If one were weaving a double weave or lampas pickup image, or a tapestry, it would be helpful to have a proportionally gridded chart which reflected accurately the weave structures and fiber sizes being used. Figure 3a, the drawup of an image selected from a photograph of rocks on the shore of Lake Huron, shows the warp and weft at a 1/1 ratio of density (originally 12 epi/12 ppi). Figure 3b shows the weft at a 3/2 ratio of density with the warp (originally 12 ppi/8epi); the reverse is true in figure 3c, with the warp at a 3/2 ratio with the weft (originally 12 epi/8ppi). Expanded and gridded versions of these drawups, such as the section of figure 3a shown in figure 4, could be very useful indeed. They could help the weaver keep track of rows of a pickup design, or compensate for image distortions which result from the use of different warp and weft sizes and/or densities as well as different weave structures.

Differential grid sizes, if they reflect accurately how weave structures and warp and weft threads actually function together, could help the weaver maintain image accuracy in the finished piece, much as knitting charts help the pattern knitter in similar circumstances. I hope others may find this feature of Swiftweave as helpful as I have.



figure 3a



figure 3b



figure 3c

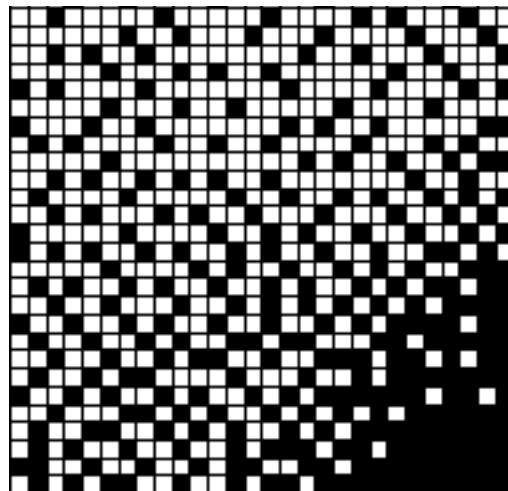


figure 4