

# Ostrich Feathers as Effects for Dress Goods

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The designers are trying to get new designs with all possible weave combinations and different kinds of fibers and fancy yarns. The knop and flame yarns which have become fashionable again give very striking effects.

fibers are not natural or artificial fibers, but are a kind of feather. With the aid of the micro-

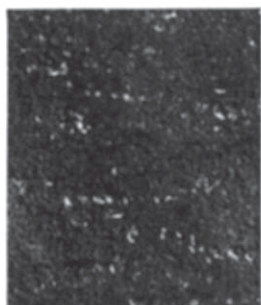


Figure 1  
Ostrich Feathers Distributed in Piece of Cloth



Figure 2  
Ostrich Feather 40X



Figure 3  
Ostrich Feather 40X

During the search for even newer and more peculiar effects the fiber-skins of the ostrich feather were found to be particularly adaptable for these purposes. The feathers, mostly waste-material, are cut into short pieces and then mixed in with the wool in wolfing.

The effect is very peculiar because the feather pieces are distributed, as can be easily seen from Figure 1. Even with a common magnifying glass it can be seen that these effect



Figure 4  
Ostrich Feather 120X

scope it is easy to recognize the feathers, as the attached pictures show.

Figure 2 shows a piece of feather taken from a sample of cloth, magnified 40 times. The middle piece of the feather which can be seen in Figure 3 was obtained from a normal

The fine feathers branching off from the quill are ribbon-formed and end in a single or double point. From these feather branches,



Figure 5  
Ostrich Feather Ends 120X



Figure 6  
Ostrich Feather Ends 120X

ostrich feather. The little feathers shown in Figure 2 were completely mixed with each other through the physical and chemical influences of manufacturing. On the pictures 4 and 5 the building-up of the feathers can be seen much better, as it is magnified 120 times.

even finer feathers stand out, mostly in pairs, and often lie so close to the main stem that they look like the irregular edges of wool scales. Figure 6 shows best this epidermis-like structure as the feather ends represent an untreated feather.