MUSEUM NATIONAL D'HISTOIRE NATURELLE
PRÉHISTOIRE
Institut de Paléontologie humaine
1, Rue René Panhard, PARIS - XIII°
COB. 62-91

Paris le 4 octobre 1968

Dear Mister CRABTREE,

At first I want to beg you pardon because I did not answer to you nice letter before. I got the Occasional Papers of the Idaho State University Museum on Utaztekan Prehistory and stylistic locales and Ethnographic groups : Petroglyphs of the Lower Snake river, thanks to you. Also I thank you very much for your propositions. I red your papers with always much interest.

I have the pleasure to send to you a drawing of a remarkable core of Suse wich you had in hand at Paris in the Institut. The drawing is based on the rotation of the core. It shows a view all 45° and one analyse of the order of detachment. To demonstrate the order of detachment on each prehistoric piece it must be studied the recoveries of the detachments on the other ones (blades, flake, retouches) then it must be studied the condition of the surface.

We know that the percussion and the pressure determinate the waves of shock determining the plane of detachment separating the blade of the core. These waves meet the resistance of the materiel. I study the stigmas of the resistance.

We can say that all the surface of the core and the inferior face of the blade bear the stigmas of the rupture.

If the material is quartzite the rupture of the cristals is observable very good with a great magnifying. But it is not the same for flint which has not the same structure, system. I have studied the surfaces of flint until 12 000 magnifyinf but I don't see the structure, the system and If I see the plane of rupture I can't explain it.

I should be very glad if you could help me to decoverer this mystery.

Yours sincerely,

Michel DAUVOIS
C.N.R.S.

evidently the drawing is for you

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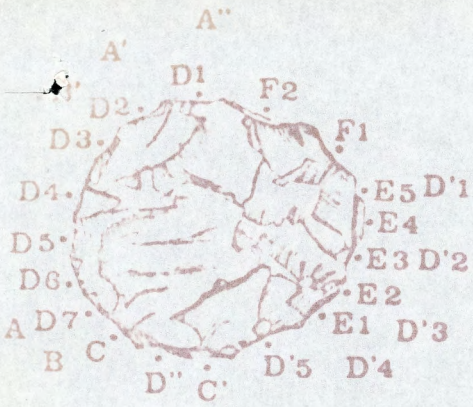
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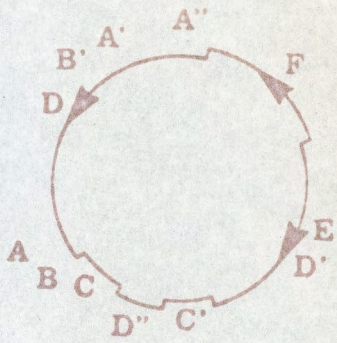
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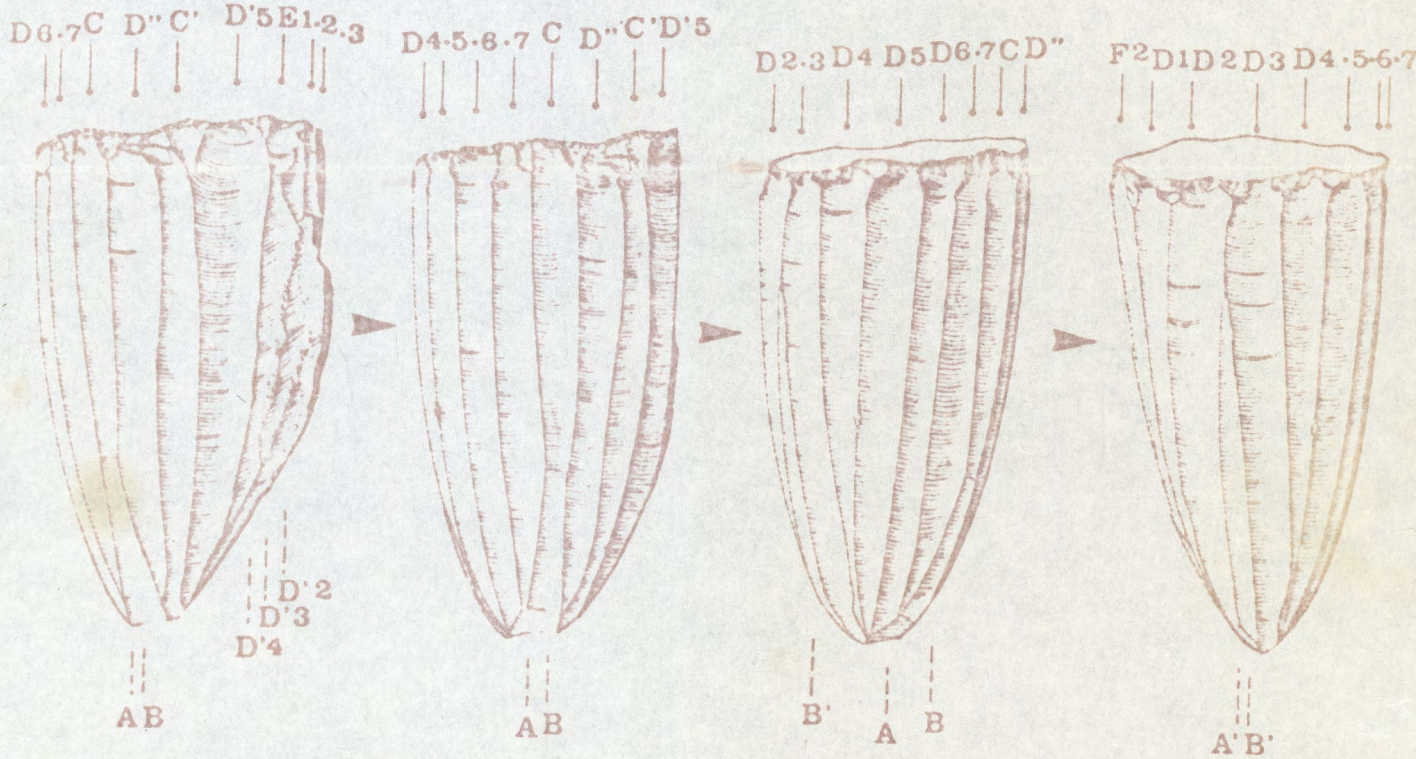
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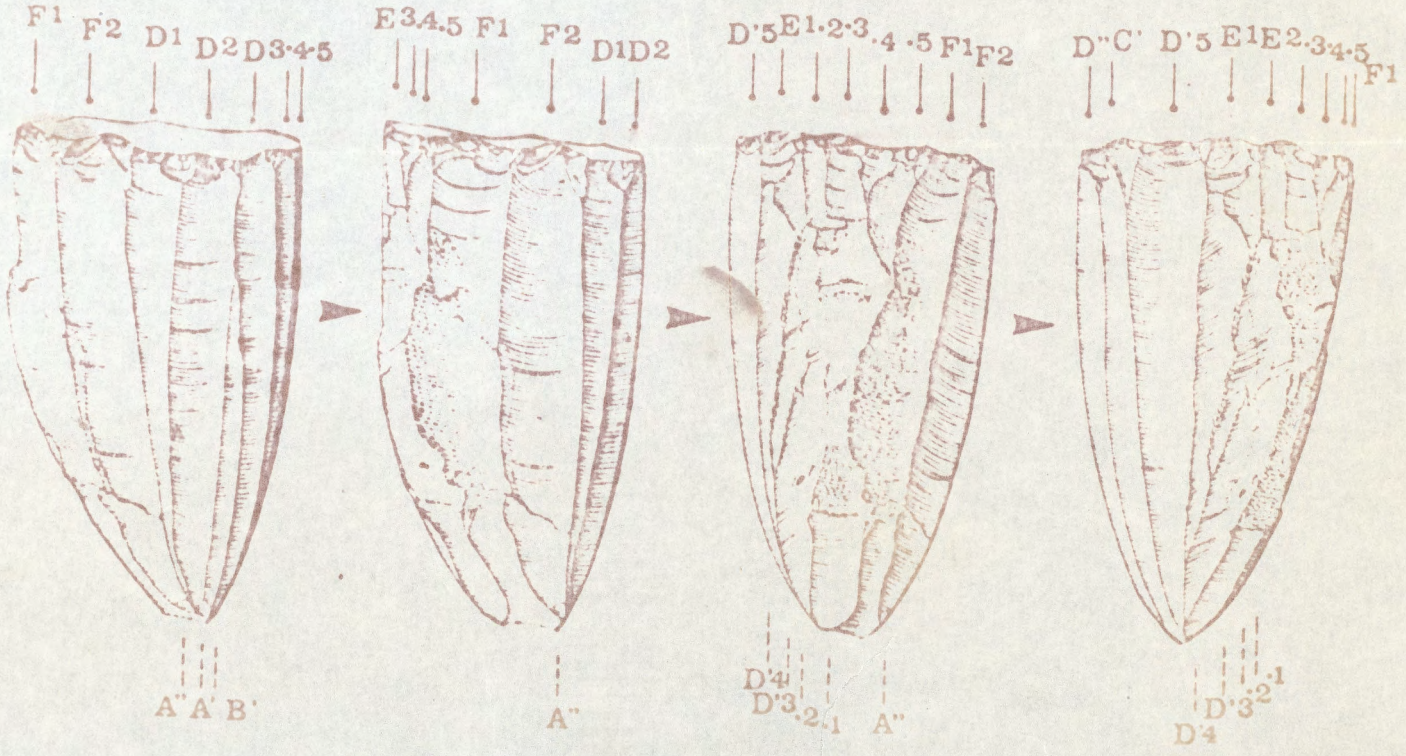
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