

List of Experiments given to

Experiments in *May 30, 1968* *Werner Mager Ochs*  
~~Experiments in~~

Experiments of fracturing vitreous materials when subjected to force as related to Aboriginal lithic industries, under laboratory conditions.

Cones and their fracture planes as related to flakes. Full cones (Levallois)  
Half cones, (denticulates) Lower Paleolithic, Quarter cones (blades) ect.,  
Bulbs of force not necessary (percussion), cone shearing.

Pressure, Uni-directional and bi-directional in order to cause a cone to be formed. Complete understanding by the use of Bifringence and polarized light. Letter to show formula of equalization between downward and outward pressures.

Direct percussion experiments involving the use of percussors having different degrees of yield. Explanation of interval of contact between the objective piece and the percusser.

Velocities of the ~~####~~ percusser.

Relation of the angle of force to the objective piece.

Inertia of the objective piece when subjected to force.

The use of an anvil or rest causing dual forces in opposition.

Explanation of bi-polarism or two cones in opposition.

How a shear is created.

How the material is contained by increasing convexity or a change from an obtuse to an acute angle.

Study of shock waves and how to dampen them.

Study of cone collapse as related to crailure flakes.

Elastic limits of cone.

~~Force of percussion~~  
Foot pounds of force to cause shear materials of diverse textures and then related to thermal treatment and annealing.

Gage to determine the direction of force, as applicable to direct and indirect percussion.

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