

ROBERT S. PEABODY FOUNDATION FOR ARCHAEOLOGY

BOX 71

ANDOVER, MASSACHUSETTS 01810

February 14, 1977

Mr. Donald Crabtree  
Rt. 1, Box 39  
Kimberly, Idaho 83341

Dear Don:

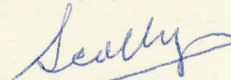
In spite of what rumors you may have heard, I am not dead yet and am recovering fairly well. In fact, I am about half tempted to go to the Lithic Use/Wear conference in Vancouver next month but haven't made up my mind on it. Would you be going?

However, this is not my major purpose in writing you which concerns my recent interest in energy and culture and getting man hour estimates for various technological activities. What I am wondering is if you have any statistics on the man hours it takes to make a number of chipped stone tools. From Australian data and other material I have the following per hour estimates which I would appreciate your checking and correcting for me.

1. I estimate that 20-30 bifacial or hemi-conical cores may be made per hour; *2-3 per minute*
2. 300-400 flakes may be made per hour; *15-20 per "*
3. 20-40 uniface tools--endscrapers, spokeshaves, sidescrapers, etc. may be made per hour; *2-4 per minute*
4. that from a hemi-conical core 100-150 crude blades may be made by percussion;
5. 8-10 bifacial preforms or choppers may be made per hour;
6. 6-10 projectile points, bifacially chipped, may be made per hour;
7. 5-10 fine polyhedral cores may be made by pressure or by indirect percussion per hour;
8. 100-120 fine blades may be spalled off the above type cores per hour

Ruthann at one time said you had all sorts of time data on these lithic activities and I would much appreciate anything else you have besides the corrections of my ethnographic analogous data.

Sincerely yours,



Richard S. MacNeish  
Director

*Telephone Feb 18*

RSMacN/tg

*10-7-3-14*