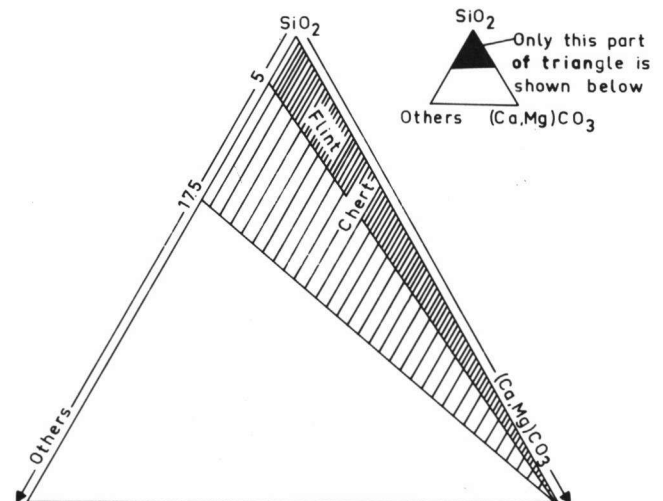


## Comparison flint-chert, based on chemical data (and resulting a nomenclatoric proposal)

*P. Betterman & D. Ackermann (Kiel)*

Results of statistical investigations of all available chemical data on flint and chert are leading to the following nomenclatoric proposal to differentiate between flint (synonym: Feuerstein) and chert (synonym: Hornstein) as the two most frequent representatives of siliceous concretions.



Proposal for differentiating "Flint" and "Chert", based on chemical data  
tightly hatched region : Flint  
widely hatched region : Chert

This proposal is subsequently based on today's linguistic usage. But it is statistically significant, easy and customary in petrology and may therefore terminate the perpetuating discussion still necessary for every author of papers on flint and chert.

Using our proposal more detailed observations on genesis, age, deposit, color, crystalline states etc. should be added as adjectives or additives, for example: opaline deep-sea chert, white nodular flint, gray radiolarian chert from M., alpine diatomaceous chert, etc.