

INFORMATION ON SPORE TABLETS

Lycopodium spore tablets (batch 483216) (September 2004)

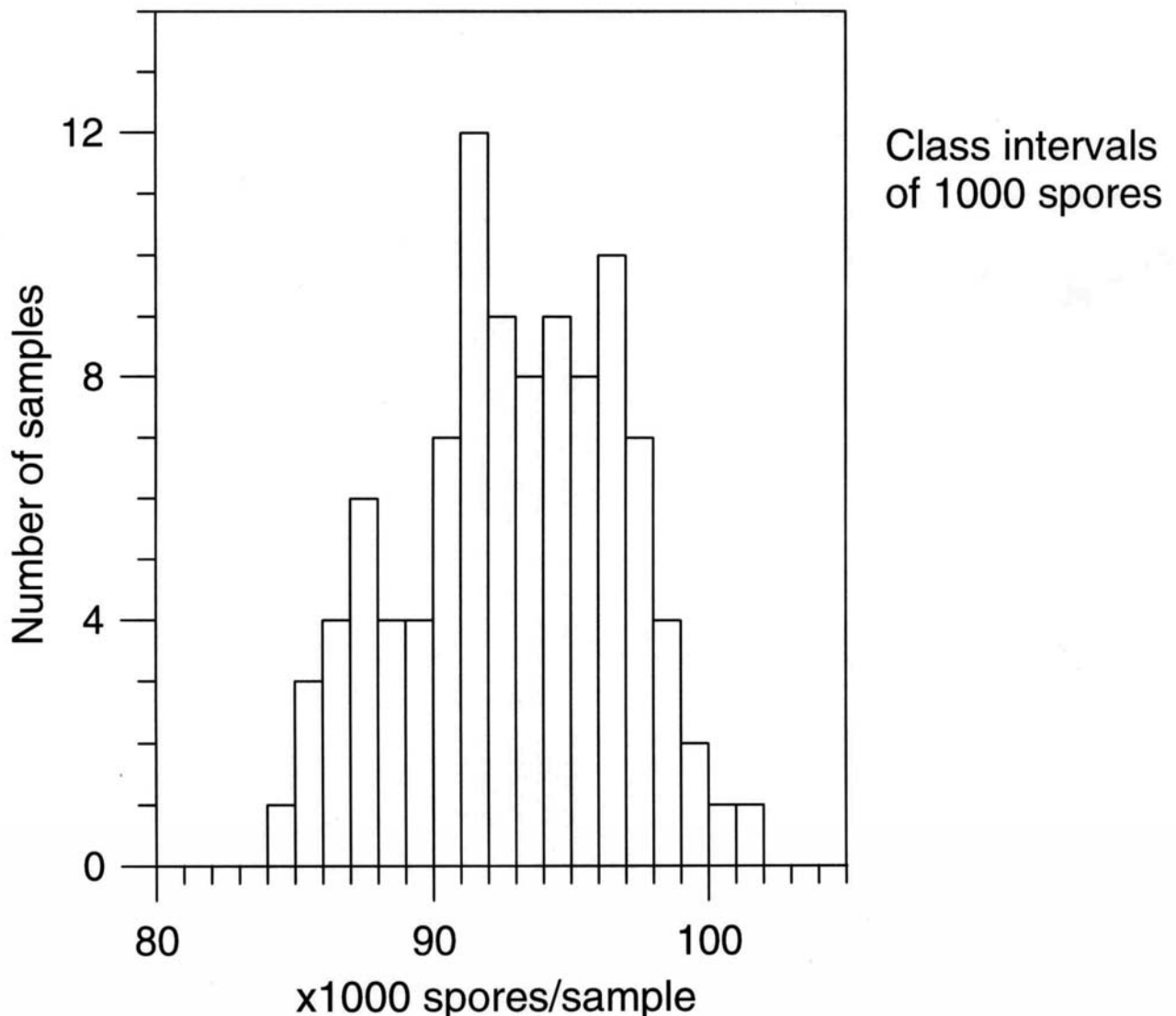
Lycopodium spore tablets can be dissolved in water or in HCl, but not in NaOH. They have been prepared in a slightly different way compared to that described by Stockmarr (1971, 1973). The tablets are thus based mainly on sodium bicarbonate together with polyvinylpyrrolidone and polyethyleneglycol, which must be carefully washed away with water and finally with diluted HCl before further treatment. The spores are acetolysed.

The spore concentration has been determined with an electronic particle counter, Coulter Counter ZB (cf. Stockmarr 1973), tube size 140 μm . 100 samples of five tablets each taken from different places in the batch were prepared by dissolving the tablets in Isoton II NaCl solution in 100 ml flasks. 20 counts each of 0.5 ml were made on each sample.

Result of the calibration (5 tablets): $X = 92914$ $s = \pm 3820$ $V = \pm 4.1 \%$

For one tablet: $X = 18583$

The distribution of the samples is shown in the figure below.



Production

Spore tablets for calibration of pollen analyses have earlier been produced and distributed by dr Jens Stockmarr, Copenhagen. In October 1980 this business was taken over by the Department of Quaternary Geology in Lund. It is performed as an official commission approved by the University of Lund. A new batch, No. 483216, is now produced and calibrated and tablets are available. The tablets were manufactured in Denmark.

Distribution

Lycopodium tablets will be distributed in plastic bottles with 500 tablets per bottle. The price is, in Swedish currency, SEK 450 per bottle (=500 tablets), plus post & package.
Post & package (parcel post): Within Europe - SEK 200, countries outside Europe - SEK 250.
Within EU, please state your VAT number when ordering.

Payment

An invoice will be sent together with the tablets. Do not pay until the tablets and the invoice have arrived.
Customers within the EU: Please pay via SEB, SE-106 40 Stockholm, Sweden, SWIFT address ESSESESS and IBAN SE55 5000 0000 0543 9103 1116 or via Postgirot Bank, SE-105 06 Stockholm, Sweden, SWIFT address NDEASESS and IBAN SE50 9500 0099 6034 0015 6505. Lund University's VAT No.: SE202100321101. **Customers outside the EU:** Please pay via SEB, SE-106 40 Stockholm, Sweden, SWIFT address: ESSESESS Account number: 5439-10 311 16.
You may also pay by cheque (bank draft) payable to Lund University, addressed to Quaternary Sciences, Sölvegatan 12, SE-223 62 LUND, Sweden. Payment by private cheque or credit card can not be handled.
The invoice No. must always be quoted with your payment.

Please note that production and distribution of tablets is done at cost price, which makes it necessary to reduce administration to a minimum. Therefore, the machinery of payment must be as simple as possible - so, please, follow our instructions and try not to impose too many administrative duties on us, which will only result in delayed deliveries.

Björn Berglund

Thomas Persson

Department of Geology, Quaternary Sciences, Sölvegatan 12, SE-223 62 LUND, Sweden
E-mail: Thomas.Persson@geol.lu.se

To: Lund University,
Department of Geology,
Quaternary Sciences,
Sölvegatan 12,
SE-223 62 LUND,
Sweden

FAX +46-46-2224830

Date

We orderbottle(s) of Lycopodium spore tablets

Name

Address

.....

.....

VAT (value-added tax) number