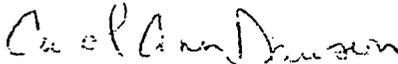


January 31, 1983

Palynological analysis has been completed on the following seven cores from the Kansas Geological Survey collection. The sample interval and raw data listings per sample are provided as previously requested. As analyses on the other cores are completed, similar data will be provided to the Kansas Geological Survey.


Carol Ann Dawson

CAD/df

K. C. Sawyer

Shallow Water Refining
#4 Maune
31-21S-33W
Finney Co., Kansas

Sample depth

Species present

4629'

Densosporites spinosus Dybova & Jachowicz 1957
Laevigatosporites minor Loose 1934
Granulatisporites sp. (Ibrahim) Potonié &
Kremp 1954
Calamospora sp. Schopf, Wilson, Bentall 1944
Densosporites sphaerotriangularis Kosanke 1950
Lycospora pellucida (Wicher) Schopf, Wilson,
Bentall 1944
Lophotriletes sp. (Naumova) Potonié & Kremp 1954
Lycospora rotunda Bharadwaj 1957
Costatascyclus crenatus Felix & Burbridge 1967
Cristatisporites indignabundus (Loose) Staplin
& Jansonius 1964
Acanthotriletes sp. (Naumova) Potonié &
Kremp 1954
Raistrickia saetosa (Loose) Schopf, Wilson,
Bentall 1944
Potoniesporites sp. Bharadwaj 1954
Florinites sp. Schopf, Wilson, Bentall 1944
Crassispora kosankei (Potonié & Kremp)
Bharadwaj 1957
Densosporites variabilis (Waltz) Potonié &
Kremp 1956
Densosporites intermedius Butterworth &
Williams 1958
Dictyotriletes bireticulatus (Ibrahim) Smith &
Butterworth 1967
Cirratriradites saturni (Ibrahim) Schopf,
Wilson, Bentall 1944

4634'

Densosporites sphaerotriangularis Kosanke 1950
Densosporites triangularis Kosanke 1950
Densosporites intermedius B. & W. 1958
Cristatisporites indignabundus (L.) S. & J. 1964
Cingulizonates bialatus (Waltz) Smith &
Butterworth 1967
Lycospora pellucida (W.) S.W.B. 1944
Potoniesporites elegans (Wilson & Kosanke)
Habib 1966
Densosporites irregularis Hacquebard & Barss
1957

Sample depthSpecies present

4638'

Lycospora pellucida (W.) S.W.B. 1944
Reinchospora triangularis (Kosanke) Ravn 1979
Dictyotriletes bireticulatus (I.) S.W.B. 1944
Densosporites intermedius B. & W. 1958
Schopfipollenites ellipsoides (Ibrahim)
Potonié & Kremp 1954
Granulatisporites sp. (I.) P. & K. 1954
Acanthotriletes sp. (N.) P. & K. 1954
Florinites visendus (Ibrahim) Schopf, Wilson,
Bentall 1944
Cingulizonates bialatus (W.) S. & B. 1967
Potoniesporites sp. Bharadwaj 1954
Densosporites irregularis H. & B. 1957
Crassispora kosankei (P. & K.) Bahradwaj 1957
Lophotriletes sp. (N.) P. & K. 1954
Knoxisporites dissidius Neves 1961
Trinidulus diamphidios Felix & Paden 1964
Calamospora sp. S.W.B. 1944
Radiizonates striatus (Knox) Staplin &
Jänsonius 1964
Savitrisporites nux (Butterworth & Williams)
Smith & Butterworth 1967
Densosporites sphaerotriangularis Kosanke 1950
Densosporites spinosus D. & J. 1957
Raistrickia saetosa (L.) S.W.B. 1944
Foveosporis avcinni Ravn & Fitzgerald 1982
Waltzispora polita (Hoffmeister, Staplin
Malloy) Smith & Butterworth 1967
Triguitrites cf. angulatus Kosanke 1950
Secarisporites remotus Neves 1961
Lycospora rotunda Bharadwaj 1957
Densosporites anulatus (Loose) Smith &
Butterworth 1967
Ahrensiporites guerickei var. ornatus Neves
1961
Colatisporites decorus (Bharadwaj & Vankatachala)
Williams in Neves et al., 1973

4639'

Lycospora pellucida (W.) S.W.B. 1944
Densosporites intermedius B. & W. 1958
Murospora dupla (Ishchenko) Playford 1962
Cingulizonates bialatus (W.) S. & B. 1967
Densosporites spinosus D. & J. 1957
Calamospora sp. S.W.B. 1944
Crassispora Kosankei (P. & K.) Bharadwaj 1957
Cristatisporites indignabundus (L.) S. & J. 1964
Schopfipollenites ellipsoides (I.) P. & K. 1954
Acanthotriletes sp. (N.) P. & K. 1954
Knoxisporites dissidius Neves 1961
Lophotriletes sp. (N.) P. & K. 1954

Sample depthSpecies present

4639' (Cont.)

Colatisporites decorus (B. & K.) W. in Neves
et al., 1973
Granulatisporites sp. (I.) P. & K. 1954
Waltzisporea polita (H.S.M.) S. & B. 1967
Densosporites irregularis H. & B. 1957
Alatisporites pustulatus (Ibrahim) Ibrahim 1933
Dictyotrilletes bireticulatus (I.) S.W.B. 1944
Densosporites sphaerotriangularis Kosanke 1950
Densosporites anulatus (L.) S. & B. 1967
Raistrickia saetosa (L.) S.W.B. 1944
Triquitrites cf. angulatus Kosanke 1950
Trinidulus diamphidios F. & P. 1964
Florinites visendus (I.) S.W.B. 1944
Lycospora rotunda Bharadwaj 1957

4646'

Lycospora pellucida (W.) S.W.B. 1944
Foveosporis avcinni Ravn & Fitzgerald 1982
Granulatisporites sp. (I.) P. & K. 1954
Raistrickia saetosa (L.) S.W.B. 1944
Potoniesporites novicus Bharadwaj 1954
Cingulizonates bialatus (W.) S. & B. 1967
Densosporites sphaerotriangularis Kosanke 1950
Densosporites anulatus (L.) S. & B. 1967
Lycospora rotunda Bharadwaj 1957
Waltzisporea polita (H.S.M.) S. & B. 1967
Trinidulus diamphidios F. & P. 1964
Cristatisporites indignabundus (L.) S. & J. 1964
Densosporites intermedius B. & W. 1958
Crassispora kosankei (P. & K.) Bharadwaj 1957
Remysporites eccentricus Mishell
Ibrahimispores brevispinosus Neves 1961
Densosporites spinosus D. & J. 1957
Radiizonates striatus (K.) S. & J. 1964
Colatisporites decorus (B. & K.) W. in Neves
et al., 1973
Cirratriradites saturni (I.) S.W.B. 1944
Mooreisporites trigallerus Neves 1961

4647'

Lycospora pellucida (W.) S.W.B. 1944
Cingulizonates bialatus (W.) S. & B. 1967
Densosporites spinosus D. & J. 1957
Densosporites anulatus (L.) S. & B. 1967
Acanthotrilletes sp. (N.) P. & K. 1954
Knoxisporites dissidius Neves 1961
Colatisporites decorus (B. & K.) W. in Neves
et al., 1973
Granulatisporites sp. (I.) P. & K. 1954
Densosporites sphaerotriangularis Kosanke 1950
Calamospora sp. S.W.B. 1944
Densosporites irregularis H. & B. 1957

Sample depthSpecies present

4647' (Cont.)

Ibrahimisporites brevispinosus Neves 1961
Lophotriletes sp. (N.) P. & K. 1954
Densosporites variabilis (W.) P. & K. 1956
Schulzospora sp. Kosanke 1950
Triquitrites cf. angulatus Kosanke 1950
Ahrensiporites guerickei var. ornatus Neves 1961
Lycospora rotunda Bharadwaj 1957
Nexuosporites comtus Felix & Burbridge 1967
Lycospora noctuina Butterworth & Williams 1958

4657'

Savitrisporites nux (B. & W.) S. & B. 1967
Calamospora sp. S.W.B. 1944
Granulatisporites sp. (I.) P. & K. 1954
Ahrensiporites guerickei var. ornatus Neves 1961
Lophotriletes sp. (N.) P. & K. 1954
Densosporites irregularis H. & B. 1957
Densosporites spinosus D. & J. 1957
Densosporites variabilis (W.) P. & K. 1956
Cirratriradites saturni (I.) S.W.B. 1944
Densosporites triangularis Kosanke 1950
Savitrisporites asperatus Sullivan 1964
Foveosporis avcinni R. & F. 1982
Radiizonates striatus (K.) S. & J. 1964
Murospora dupla (I.) P. 1962
Densosporites sphaerotriangularis Kosanke 1950

4730'

Savitrisporites nux (B. & W.) S. & B. 1967

4736'

Barren of palynomorphs

4773'

Barren of palynomorphs

CAD/mlt
020783
RPT096