

APPENDIX 1

List of identified taxa

Kłosnowo IG 1, Człuchów IG 2 and Tuchola IG 1 boreholes (Bodzanowo and Włocławek formations)

The following taxa have been identified:

Spores: *Acanthotriletes* sp.; *Aequitriradites baculatus* Döring, 1964; *Aequitriradites conosimilis* (Döring, 1964) Waksmundzka, 1992; *Aequitriradites planus* (Krasnova, 1961) Waksmundzka, 1992; *Aequitriradites spinulosus* (Cookson and Dettmann, 1961); *Cibotiumspora* (Chang, 1965) Waksmundzka, 1992; *Cibotiumspora* sp. "A" and "B" Waksmundzka; *Cibotiumspora* sp. "C" (Waksmundzka, 1992); *Cicatricosisporites australiensis* (Cookson, 1953) Potonié, 1956; *Cicatricosisporites hallei* Delcourt and Sprumont, 1955; *Cicatricosisporites spiralis* Singh, 1971; *Clavifera jakhromiensis* Bolkhovitina, 1968; *Clavifera triplex* (Bolkhovitina, 1953) Bolkhovitina, 1968; *Clavifera tuberosa* Bolkhovitina, 1968; *Concavissporites juriensis* Balme, 1957; *Cosmosporites elegans* Nilsson, 1958; *Costatoperforosporites foveolatus* Deák, 1962; *Deltoidospora australis* (Couper, 1953) Pocock, 1970; *Densoisporites erdtmanii* Guy-Ohlson, 1979; *Densoisporites laevigatus* (Pocock, 1964) Waksmundzka, 1992; *Densoisporites velatus* (Weyland and Krieger, 1953) Krasnova, 1961; *Foveotriletes pseudoalveolatus* (Couper, 1958) Waksmundzka, 1992; *Gleicheni-*

idites carinatus (Bolkhovitina, 1953) Bolkhovitina, 1968; *Gleicheniidites rasilis* (Bolkhovitina, 1953) Bolkhovitina, 1968; *Gleicheniidites senonicus* Ross, 1949; *Impardecispora apiverrucata* (Couper, 1958) Venkatachala, Kar and Raza, 1969; *Impardecispora* sp.; *Leptolepidites tumulosus* (Döring, 1964) Srivastava, 1975; *Lycopodiacidites rugulatus* (Couper, 1958) Schulz, 1967; *Murospora florida* (Balme, 1957) Pocock, 1961; *Ornamentifera peregrina* (Grigorieva, 1961) Bolkhovitina, 1968; *Pilososporites trichopapillosus* (Thiergart, 1949) Delcourt and Sprumont, 1955; *Pilososporites versus* Delcourt and Sprumont, 1955; *Staplinisporites caminus* (Balme, 1957) Pocock, 1962; *Stereisporites antiquasporites* (Wilson and Webster, 1946) Dettmann, 1963; *Triquitrites hannonicus* (Delcourt and Sprumont, 1955) Waksmundzka, 1992; *Verrucosisporites microverrucatus* (Döring, 1964) Waksmundzka, 1992; *Verrucosisporites variverrucatus* (Couper, 1958) Waksmundzka, 1992; *Verrucosisporites* "A"; and *Verrucosisporites* "B" Waksmundzka.

Pollen grains: *Callialasporites dampieri* (Balme, 1957) Dev, 1961; *Callialasporites triletus* Singh, Srivastava and Roy, 1964.

Ciechocinek IG 3 borehole (Rogo no, Bodzanowo and Włocławek formations)

The following taxa have been identified:

Spores: *Aequitriradites spinulosus* (Cookson and Dettmann, 1958) Cookson and Dettmann, 1961; *Aequitriradites verrucosus* (Cookson and Dettmann, 1958) Cookson and Dettmann (1961); *Antulisporites distaverrucosus* Archangelsky and Gamero, 1966; *Appendicisporites jansonii* Pocock, 1961; *Baculatisporites comaumensis* (Cookson, 1953) Potonié, 1956; *Cicatricosisporites australiensis* (Cookson, 1953) Potonié, 1956; *Cicatricosisporites* sp. cf. *C. potomacensis* Brenner, 1963; *C. punctatus* Brenner, 1963; *Concavissimiporites variverrucatus* (Couper, 1958) Singh, 1964; *Converrucosisporites exquisitus* Singh, 1971; *Costatoperforosporites foveolatus* Deák, 1962; *Deltoidospora rafaëli* Burger, 1966; *Densoisporites laevigatus* (Pocock, 1964) Waksmundzka, 1992; *Densoisporites microrugulatus* Brenner, 1963; *Densoisporites velatus* Weyland and Krieger, 1953; *Foveosporites canalis* Balme, 1957; *Gleicheniidites circinidites* (Cookson, 1958) Dettmann, 1963; *Gleicheniidites dicarpoides* Grigorieva; *Gleicheniidites senonicus* Ross, 1949; *Impardecispora apiverrucata* (Couper, 1958) Venkatachala, Kar and Raza, 1969; *Ischyosporites*

punctatus Cookson and Dettmann, 1958; *Leiotriletes brevibradiatus* Döring, 1965; *Lycopodiumsporites austroclavitudites* (Cookson, 1953) Potonié, 1956; *Lycopodiumsporites crassimacerius* Hedlund, 1966; *Lycopodiumsporites reticulumsporites* (Rouse, 1959) Dettmann, 1963; *Lycopodiumsporites semimuris* Danzé-Corsin and Laveine, 1963; *Microreticulatisporites uniformis* Singh, 1964; *Ornamentifera echinata* (Bolkhovitina, 1953) Bolkhovitina, 1968; *Reticulatisporites elongatus* Singh, 1971; *Sestrosporites pseudoalveolatus* (Couper, 1958) Dettmann, 1963; *Staplinisporites caminus* (Balme, 1957) Pocock, 1962; *Stereisporites pococki* Burger, 1980; *Trilobosporites apiverrucatus* Couper, 1958; *Trilobosporites crassus* Brenner, 1963; *Uvaesporites glomeratus* Döring, 1965.

Pollen grains: *Callialasporites dampieri* (Balme, 1957) Dev, 1961; *Callialasporites trilobatus* (Balme, 1957) Dev, 1961; *Podocarpidites ellipticus* Cookson, 1947; *Podocarpidites epistratus* Brenner, 1963; *Podocarpidites multesimus* (Balme, 1957) Pocock, 1962; *Podocarpidites radiatus* Brenner, 1963; *Eucommiidites troedssonii* Erdtman, 1948; *Clavatipollenites hughesii* Couper, 1958.

Koło IG 3 and IG 4 (Mogilno Formation); and Podd bice FIG 2 boreholes (Rogo non, ?Bodzanowo and Mogilno formations)

The following taxa have been identified:

Spores: *Clavifera jachromensis* Bolkhovitina, 1968; *Clavifera triplex* (Bolkhovitina, 1953) Bolkhovitina, 1968; *Cicatricosisporites australiensis* (Cookson, 1953) Potonié, 1956; *Con-*

cavissporites juriensis Balme, 1957; *Deltoidospora minor* (Couper, 1958) Pocock, 1970; *Deltoidospora australis* (Couper, 1953) Pocock, 1970; *Densoisporites velatus* Weyland and Krieger, 1953; *Foveosporites pseudoalveolatus* (Couper, 1958)

Waksmundzka, 1992, *Gleicheniidites carinatus* (Bolkhovitina, 1953) Bolkhovitina, 1968, *Gleicheniidites radiatus* (Bolkhovitina, 1953) Bolkhovitina, 1968, *Gleicheniidites senonicus* Ross, 1949.

Pollen grains: *Alisporites rotundus* Rouse, 1959; *Callialasporites dampieri* (Balme, 1957) Dev, 1961; *Callialasporites trilobatus* (Balme, 1957) Dev, 1961; aff. *Cedrus* Link (see Mamczar, 1986, Pl. 32: 1–3); *Ginkgoales* sp.; *Parvisaccites*

radiatus Couper, 1958; *Podocarpidites multesimus* (Bolkhovitina, 1956) Pocock, 1962; *Eucommiidites troedssonii* Erdtman, 1948.

Dinoflagellata: *Herospermopsis aureolata* Cookson and Eisenack, 1965; *Pterospermopsis truncatum* (Davey, 1974) Below, 1982; *Spiniferites* sp.