

OF 617

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PALYNOMORPH DISTRIBUTION CHART

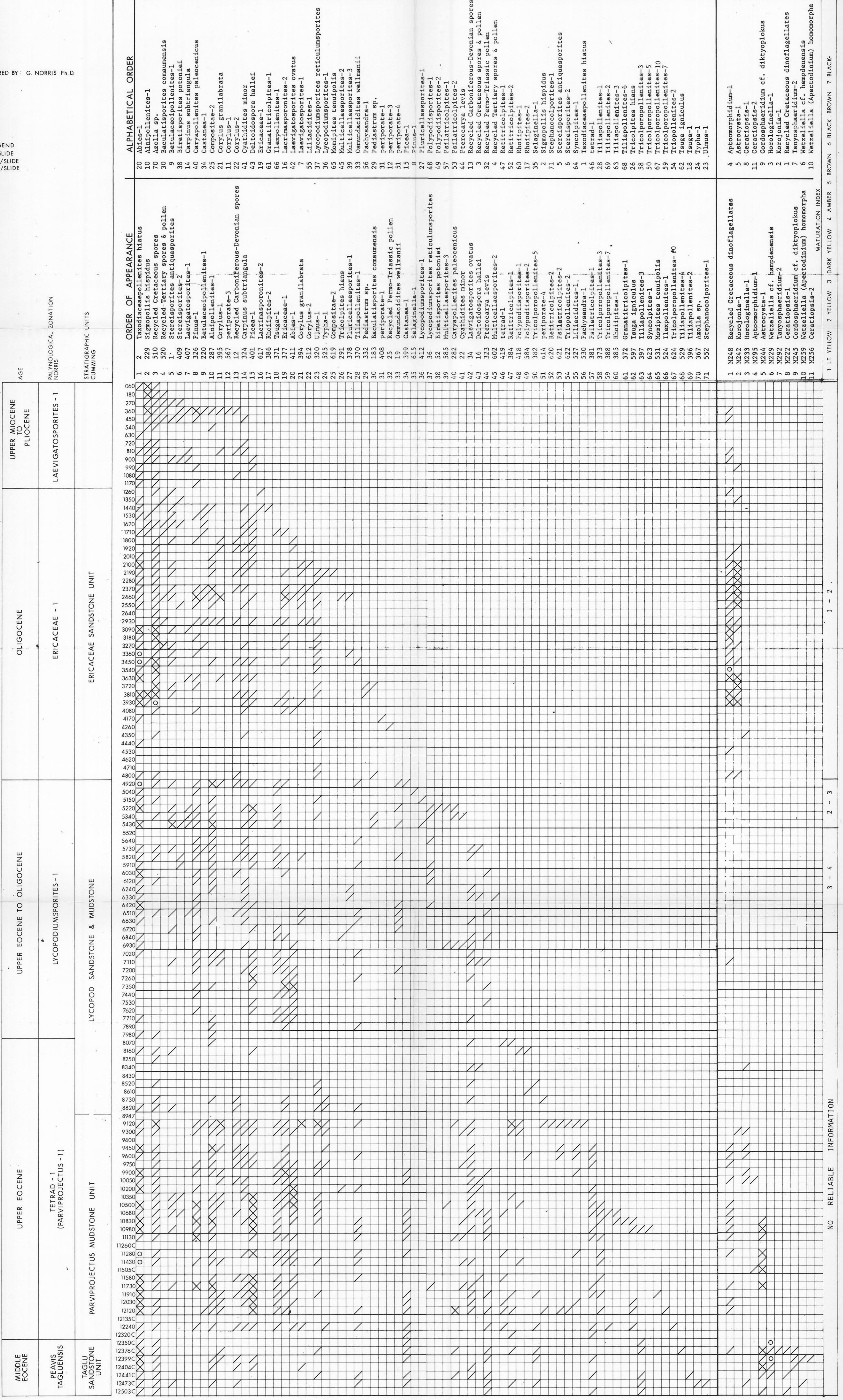
SUN BVX et al UNARK L-24
N.W.T.

PREPARED BY: G. NORRIS Ph.D.

LEGEND
/ 1/ SLIDE
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V 6/SLIDE

TERRESTRIAL

MARINE



ALPHABETICAL ORDER

- 20 Abies-1
- 10 Alnipollenites-1
- 70 Azolla sp.
- 30 Betulaceoipollenites-1
- 9 Betulaceoipollenites-2
- 38 Biretisporites potoniei
- 14 Carpinus subtriangula
- 40 Caryapollenites paleocenicus
- 34 Castanea-1
- 25 Compositae-2
- 11 Corylus-1
- 22 Corylus-2
- 41 Cyathidites minor
- 43 Deltoideospora hallei
- 19 Ericaceae-1
- 61 Granatitricolpites-1
- 66 Ilexpollenites-1
- 16 Laccimasporites-2
- 42 Laevigatosporites ovatus
- 7 Laevigatosporites-1
- 55 Liliacidites-1
- 37 Lycopodiumsporites reticulumsporites
- 36 Lycopodiumsporites-1
- 65 Momipites tenuipolis
- 45 Multicellaesporites-2
- 39 Multicellaesporites-3
- 33 Osmundacidites wellmanii
- 56 Pachysandra-1
- 29 Pediastrum sp.
- 31 Periporate-1
- 12 Periporate-3
- 51 Periporate-4
- 15 Picea-1
- 8 Pinus-1
- 27 Pluricellaesporites-1
- 48 Polydiisporites-1
- 49 Polydiisporites-2
- 57 Psilatricolpites-1
- 53 Psilatricolpites-2
- 44 Pterocarya levis
- 13 Recycled Carboniferous-Devonian spores
- 3 Recycled Cretaceous spores & pollen
- 4 Recycled Tertiary spores & pollen
- 47 Retitricolpites-1
- 52 Retitricolpites-2
- 60 Rhoipites-1
- 17 Rhoipites-2
- 35 Selaginella-1
- 71 Stephanocolporites-1
- 5 Stereisporites antiquasporites
- 6 Stereisporites-2
- 64 Syncolpites-1
- 1 Taxodiaceapollenites hiatus
- 46 tetrad-1
- 28 Tiliapollenites-1
- 69 Tiliapollenites-2
- 63 Tiliapollenites-3
- 68 Tiliapollenites-6
- 26 Tricolpites hians
- 58 Tricolporollenites-3
- 50 Tricolporollenites-5
- 67 Tricolporollenites-10
- 59 Tricolporollenites-7
- 54 Triopollenites-2
- 62 Tsuga igniculus
- 18 Tsuga-1
- 2 Typha-1
- 23 Ulmus-1

ORDER OF APPEARANCE

- 2 Taxodiaceapollenites hiatus
- 1 Sigmopolis hispidus
- 229 Recycled Cretaceous spores
- 510 Recycled Tertiary spores & pollen
- 520 Stereisporites antiquasporites
- 1 Stereisporites-2
- 409 Laevigatosporites-1
- 8 326 Pinus-1
- 220 Betulaceoipollenites-1
- 10 287 Alnipollenites-1
- 11 395 Corylus-1
- 567 periporate-3
- 12 324 Recycled Carboniferous-Devonian spores
- 13 324 Carpinus subtriangula
- 15 401 Picea-1
- 16 617 Laccimasporites-2
- 17 386 Rhoipites-2
- 18 371 Tsuga-1
- 19 377 Ericaceae-1
- 20 411 Abies-1
- 21 394 Corylus granilabrata
- 22 612 Corylus-2
- 23 320 Ulmus-1
- 24 525 Typha-1
- 25 619 Compositae-2
- 26 291 Tricolpites hians
- 27 378 Pluricellaesporites-1
- 28 370 Tiliapollenites-1
- 29 332 Pediastrum sp.
- 30 183 Saculatisporites communsis
- 31 408 periporate-1
- 32 25 Recycled Tertiary spores & pollen
- 33 19 Osmundacidites wellmanii
- 34 399 Castanea-1
- 35 615 Selaginella-1
- 36 412 Lycopodiumsporites-1
- 37 36 Lycopodiumsporites reticulumsporites
- 38 52 Biretisporites potoniei
- 39 585 Multicellaesporites-3
- 40 282 Caryapollenites paleocenicus
- 41 22 Cyathidites minor
- 42 34 Laevigatosporites ovatus
- 43 16 Deltoideospora hallei
- 44 323 Pterocarya levis
- 45 602 Multicellaesporites-2
- 46 419 tetrad-1
- 47 384 Retitricolpites-1
- 48 438 Polydiisporites-1
- 49 586 Polydiisporites-2
- 50 382 Tricolporollenites-5
- 51 614 periporate-4
- 52 620 Retitricolpites-2
- 53 621 Psilatricolpites-2
- 54 622 Triopollenites-2
- 55 527 Liliacidites-1
- 56 530 Pachysandra-1
- 57 381 Psilatricolpites-1
- 58 373 Tricolporollenites-3
- 59 388 Tricolporollenites-7
- 60 385 Rhoipites-1
- 61 372 Granatitricolpites-1
- 62 597 Tsuga igniculus
- 63 397 Tiliapollenites-3
- 64 623 Syncolpites-1
- 65 551 Momipites tenuipolis
- 66 524 Ilexpollenites-1
- 67 624 Tricolporollenites-10
- 68 529 Tiliapollenites-4
- 69 396 Tiliapollenites-2
- 70 367 Azolla sp.
- 71 552 Stephanocolporites-1

STRATIGRAPHIC UNITS

CUMMING

AGE

NORRIS

UPPER EOCENE TO OLILOCENE

UPPER EOCENE

OLIGOCENE

UPPER MIOCENE TO PLIOCENE

PARVIOBJECTUS MUDSTONE UNIT

LYCOPOD SANDSTONE & MUDSTONE

ERICACEAE SANDSTONE UNIT

LAEVIGATOSPORITES - 1

MATURATION INDEX

- 1 LT YELLOW
- 2 YELLOW
- 3 DARK YELLOW
- 4 AMBER
- 5 BROWN
- 6 BLACK BROWN
- 7 BLACK

ALPHABETICAL ORDER

- 4 Aptocormorphidium-1
- 5 Astrocysta-1
- 8 Ceratiopsis-1
- 11 Ceratiopsis-2
- 3 Cordosphaeridium cf. diktyoplokos
- 9 Horologinella-1
- 1 Koronion-1
- 1 Recycled Cretaceous dinoflagellates
- 7 Tanyosphaeridium-2
- 6 Wetzeiella cf. hamdenensis
- 10 Wetzeiella (Apectodinium) homomorpha
- 11 Wetzeiella (Apectodinium) homomorpha

ORDER OF APPEARANCE

- 1 M248 Recycled Cretaceous dinoflagellates
- 2 M242 Koronion-1
- 3 M233 Horologinella-1
- 4 M295 Aptocormorphidium-1
- 5 M244 Astrocysta-1
- 6 M229 Wetzeiella cf. hamdenensis
- 7 M292 Tanyosphaeridium-2
- 8 M222 Ceratiopsis-1
- 9 M245 Cordosphaeridium cf. diktyoplokos
- 10 M239 Wetzeiella (Apectodinium) homomorpha
- 11 M236 Ceratiopsis-2

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