

第4表 石狩・樺戸・留萌3炭田における花粉・孢子化石果層別産出表

| 花粉・孢子型 | 図版・図 | 石 狩 炭 田 | | | | 樺 戸 炭 田 | | 留 萌 炭 田 | | | |
|-------------------------|----------------------------------|-----------|-------------|-------------|-------------|-------------|---------|---------|-----------|---------|---------|
| | | 幾 春 別 層 | 美 唄 層 | | 夕 張 層 | | 登 川 層 | | 樺 戸 夾 炭 層 | 雨 竜 炭 層 | 昭 和 地 域 |
| | | | 美 赤 歌 砂 | 美 赤 夕 | 美 砂 夕 | 美 砂 夕 | 晚 浦 | 浅 昭 | | | |
| | | 赤 奔 平 地 域 | 美 赤 歌 砂 地 域 | 美 赤 夕 張 地 域 | 美 砂 夕 張 地 域 | 晚 浦 生 内 地 域 | 浅 野 地 域 | 昭 和 地 域 | 昭 和 地 域 | | |
| POLLEN (花粉) | | | | | | | | | | | |
| Tetradaceae | | | | | | | | | | | |
| Ericaceae A | VII-16, 19, 20 | × | × | × | × | × | × | × | × | × | |
| Ericaceae B | | × | × | | | | × | × | | | |
| Ericaceae C | | | × | | | | | | | | |
| Typha ? sp. | VII-21 | | | | | | × | | | | |
| Vesicurateae | | | | | | | | | | | |
| Pinus sp. 1 | IV-1, 3, 5, 7, 8 | × | × | × | × | × | × | × | × | × | |
| Pinus sp. 2 | IV-4 | | × | | | | × | | | | |
| Abies sp. | IV-2 | | × | | | | × | | | | |
| Picea sp. ? | IV-6 | | | | | | × | | | | |
| Inapaturatae | | | | | | | | | | | |
| Larix ? sp. | IV-12 | × | × | × | × | | | | | × | |
| Populus sp. | IV-18 | × | × | × | × | | | | | × | |
| Musa ? sp. | V-5 | | × | | | | | | | × | |
| Potamogeton sp. ? | | × | × | × | | | × | | | × | |
| Inap. poll. A | IV-16 | | × | × | | | × | | | × | |
| Inap. poll. B | IV-17 | | × | × | | | | | | | |
| Inap. poll. C | IV-15 | × | × | × | | | | | | | |
| Inap. poll. D | IV-13 | | × | | | | | | | | |
| Inap. poll. E | | | | × | | | | | | | |
| Inap. poll. spp. | IV-21~23 | × | × | | | | | | | | |
| Monoporatae | | | | | | | | | | | |
| Sequoia sp. | IV-14 | × | × | | | | | | | | |
| Glyptostrobus sp. | IV-11 | × | × | | | | | | | | |
| Taxodium spp. | IV-9, 10 | × | × | | | | | | | | |
| Monopor. poll. A | V-7 | × | × | | | | | | | | |
| Monopor. poll. B | V-8 | × | × | | | | | | | | |
| Monopor. poll. C | VII-29, 30 | | × | | | | | | | | |
| Monocolpatae | | | | | | | | | | | |
| Cycadaceae | V-2, 3, 4, 45 | × | × | × | | | | | | | |
| Ginkgo ? sp. | V-6 | | × | | | | | | | | |
| Sabal ? sp. | V-1 | | × | | | | | | | | |
| Palmae ? | | × | × | | | | | | | | |
| Monocolp. poll. A | IV-20 | × | × | | | | | | | | |
| Tricolpatae | | | | | | | | | | | |
| Salix spp. | V-15, 29 | × | × | × | | | | | | | |
| Castanea sp. | VI-15 | × | × | × | | | | | | | |
| Quercus sp. 1 | V-10~13, 17, 28, 31 ; VI-7, 9 | × | × | × | | | | | | | |
| Quercus sp. 2 | VI-14 | | × | | | | | | | | |
| Quercus sp. 3 | V-18~22, 32 ; VI-4, 13 | × | × | | | | | | | | |
| Quercus sp. 4 | V-26, 27 | | × | | | | | | | | |
| Quercus sp. 5 | V-34 | | | | | | | | | | |
| Ilex sp. 1 | V-24, 43 ; VI-18, 22 | | × | × | | | | | | | |
| Ilex sp. 2 | V-23 ; VI-19, 20 | | × | × | | | | | | | |
| Acer ? sp. | V-33 | | × | | | | | | | | |
| Araliaceae ? | VI-23, 39 | | × | | | | | | | | |
| Rhus sp. | | | × | | | | | | | | |
| Tricolp. poll. A | VI-36 | × | × | × | | | | | | | |
| Tricolp. poll. B | V-37 ; VI-42 | | × | | | | | | | | |
| Tricolp. poll. C | V-46 | | × | | | | | | | | |
| Tricolp. poll. D | V-47 | | | | | | | | | | |
| Tricolp. poll. E | V-41 | | | | | | | | | | |
| Tricolp. poll. F | V-25 | | | | | | | | | | |
| Tricolp. poll. G | V-30, 36 | | × | × | | | | | | | |
| Tricolp. poll. spp. | | | | | | | | | | | |
| Tricoloratae | | | | | | | | | | | |
| Fagus sp. | V-42, 44 | × | × | | | | | | | | |
| Nyssa ? sp. | VI-24 | × | × | | | | | | | | |
| Tricolpor. poll. A | VI-1, 2 | | | | | | | | | | |
| Tricolpor. poll. B | VI-14, 16 | | | | | | | | | | |
| Tricolpor. poll. C | VI-5 | | | | | | | | | | |
| Tricolpor. poll. D | V-48 | | | | | | | | | | |
| Tricolpor. poll. E | VI-8 | | | | | | | | | | |
| Tricolpor. poll. F | VI-12 | | | | | | | | | | |
| Tricolpor. poll. G | VI-17 | × | | | | | | | | | |
| Tricolpor. poll. H | VI-21 | | | | | | | | | | |
| Diporatae | | | | | | | | | | | |
| Type A | VII-1 | | | | | | | | | | |
| Triporatae | | | | | | | | | | | |
| Engelhardtia sp. | VI-31 | × | × | × | | | | | | | |
| Carya sp. 1 | VI-33, 38 ; VII-14 | × | × | × | | | | | | | |
| Carya sp. 2 | VI-35 | | × | | | | | | | | |
| Myricaceae | VI-28, 29, 32 | × | × | × | | | | | | | |
| Betula sp. | VI-27 | × | × | | | | | | | | |
| Carpinus sp. | VI-26 | × | | | | | | | | | |
| Corylus sp. | VI-30 | | | | | | | | | | |
| Tilia sp. | | × | | | | | | | | | |
| Tripor. poll. A | VI-25 | | × | | | | | | | | |
| Tripor. poll. B | VI-40 | | | | | | | | | | |
| Tripor. poll. C | VII-18 | × | | | | | | | | | |
| Stephanoporatae | | | | | | | | | | | |
| Pterocarya sp. | VII-6, 11, 12 | × | × | | | | | | | | |
| Alnus sp. 1 | VII-4, 5, 10 | × | × | × | | | | | | | |
| Alnus sp. 2 | VII-3 | | × | × | | | | | | | |
| Ulmus sp. ? | VII-9 | × | × | × | | | | | | | |
| Zelkova ? sp. | VII-13 | | | | | | | | | | |
| Stephanopor. poll. A | VII-2 | | × | × | | | | | | | |
| Periporatae | | | | | | | | | | | |
| Juglans spp. | VII-7, 8 | × | × | × | | | | | | | |
| Liquidambar sp. | | | × | | | | | | | | |
| SPORE (孢子) | | | | | | | | | | | |
| Monoletes | | | | | | | | | | | |
| Polypodiaceae A | VIII-3 | | × | | | | | | | | |
| Polypodiaceae | VIII-6 | × | × | | | | | | | | |
| Equisetum sp. | | × | × | × | | | | | | | |
| Triletes | | | | | | | | | | | |
| Lygodium sp. | VIII-1 | × | × | | | | | | | | |
| Gleicheniaceae | VIII-4 | | | | | | | | | | |
| Trilete spor. A | VIII-2 | × | × | × | | | | | | | |
| Trilete spor. B | VIII-7 | × | × | | | | | | | | |
| Dyadosporites | | | | | | | | | | | |
| Type A | VIII-9 | × | × | × | | | | | | | |
| Type B | VIII-10 | | | × | | | | | | | |
| Type C | VIII-13 | | × | | | | | | | | |
| Pleuricellae sporites | | | | | | | | | | | |
| Type A | VIII-8 | × | × | | | | | | | | |
| Type B | VIII-11, 14 | | × | × | | | | | | | |
| INCERTAE SEDIS | | | | | | | | | | | |
| T 28 (Tricolpo poll. ?) | VIII-5 | | × | | | | | | | | |