**Appendix 1.** List of figured specimens with specimen number and repository. UCMP = University of California Museum of Paleontology. UMNH = Natural History Museum of Utah.

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| **Taxon** | **Plate and figure** | **Repository** | **Specimen No.** |
| *Alisporites* sp. | III.10 | UCMP | 201810 |
| *Alisporites* sp. | III.7 | UCMP | 201837 |
| *Alisporites* sp. | III.2 | UCMP | 201861 |
| *Alisporites thomasii* | III.5 | UCMP | 201863 |
| *Alisporites* sp. | III.6 | UCMP | 201864 |
| *Alisporites opii* | III.8 | UCMP | 201865 |
| *Alisporites opii* | III.9 | UCMP | 201866 |
| *Camerosporites secatus* | II.2 | UCMP | 201831 |
| *Camerosporites secatus* | II.3 | UCMP | 201832 |
| *Camerosporites secatus* | II.1 | UCMP | 201848 |
| *Camerosporites verrucosus* | II.6 | UCMP | 201849 |
| ?*Camerosporites* sp. | II.4 | UCMP | 201833 |
| *Classopollis* sp. cf. *C. torosus* | II.7 | UCMP | 201850 |
| *Colpectopollis ellipsoideus* | IV.20 | UCMP | 201816 |
| *Colpectopollis ellipsoideus* | IV.21 | UCMP | 201817 |
| *Colpectopollis ellipsoideus* | IV.18 | UCMP | 201879 |
| *Concentricystes* sp. | VI.6 | UCMP | 201886 |
| *Cycadopites stonei* | II.25 | UCMP | 201836 |
| *Cycadopites sp. (weakly granulate)* | II.26 | UCMP | 201858 |
| *Cymatiosphaera* sp. | VI.9 | UCMP | 201889 |
| *Cymatiosphaera* sp. | VI.10 | UCMP | 201890 |
| *Cymatiosphaera* sp. | VI.5 | UMNH | PB 2099 |
| *Deltoidospora toralis* | I.1 | UCMP | 201838 |
| *Deltoidospora australis* | I.6 | UCMP | 201841 |
| *Dictyophyllidites mortonii* | I.3 | UCMP | 201800 |
| *Dictyophyllidites mortonii* | I.2 | UCMP | 201839 |
| *Enzonalasporites vigens* | II.8 | UCMP | 201803 |
| ?*Enzonalasporites* sp. | II.15 | UCMP | 201852 |
| *Equisetosporites chinleanus* | V.1 | UMNH | PB 2097 |
| *Falcisporites australis* | III.1 | UCMP | 201809 |
| *Foveolatisporites* sp. | I.9 | UCMP | 201843 |
| *Froelichsporites traversei* | VI.2 | UCMP | 201825 |
| *Froelichsporites traversei* | VI.3 | UCMP | 201826 |
| *Froelichsporites traversei* | VI.4 | UCMP | 201827 |
| *Froelichsporites traversei* | VI.1 | UCMP | 201885 |
| *Gleicheniidites* sp. cf. *G. senonicus* | I.4 | UCMP | 201840 |
| *Gordonispora fossulata* | I.5 | UCMP | 201828 |
| *Inaperturopollenites* sp. | VI.8 | UCMP | 201888 |
| *Infernopollenites claustratus* | V.3 | UMNH | PB 2098 |
| *Iraquispora speciosa* | I.7 | UCMP | 201842 |
| *Klausipollenites gouldii* | IV.3 | UCMP | 201811 |
| *Klausipollenites gouldii* | IV.4 | UCMP | 201812 |
| *Klausipollenites gouldii* | IV.1 | UCMP | 201867 |
| *Klausipollenites gouldii* | IV.2 | UCMP | 201868 |
| *Lunatisporites rhaeticus* | V.2 | UCMP | 201880 |
| *Micrhystridium* sp. | VI.11 | UCMP | 201891 |
| *Micrhystridium* sp. | VI.12 | UCMP | 201892 |
| *Micrhystridium* sp. | VI.13 | UCMP | 201893 |
| *Micrhystridium* sp. | VI.14 | UMNH | PB 2100 |
| *Monosulcites* sp. A | II.20 | UCMP | 201834 |
| *Monosulcites* sp. | II.16 | UCMP | 201853 |
| *Monosulcites* sp. A | II.18 | UCMP | 201855 |
| *Monosulcites* sp. A | II.21 | UCMP | 201857 |
| *Multiplicisphaeridium* sp. | VI.17 | UCMP | 201895 |
| *Multiplicisphaeridium* sp. | VI.16 | UMNH | PB 2101 |
| *Nevesisporites* sp. | I.8 | UCMP | 201829 |
| *Osmundacidites* sp. | I.11 | UCMP | 201830 |
| *Ovalipollis ovalis* | IV.19 | UCMP | 201815 |
| *Ovalipollis* sp. | IV.15 | UCMP | 201876 |
| *Ovalipollis ovalis* | IV.17 | UCMP | 201878 |
| *Patinasporites densus* | II.24 | UCMP | 201808 |
| *Patinasporites densus* | II.19 | UCMP | 201856 |
| *Patinasporites densus* | II.28 | UCMP | 201860 |
| *Platysaccus triassicus* | IV.8 | UCMP | 201870 |
| *Platysaccus* sp. | IV.9 | UCMP | 201871 |
| *Playfordiaspora cancellosa* | II.27 | UCMP | 201859 |
| *Podosporites* sp. | II.17 | UCMP | 201854 |
| *Pretricolpites bharadwajii* | II.22 | UCMP | 201807 |
| *Pretricolpites bharadwajii* | II.23 | UCMP | 201835 |
| *Protodiploxypinus* sp. | V.4 | UCMP | 201818 |
| *Protodiploxypinus* sp. | V.7 | UCMP | 201819 |
| *Protodiploxypinus* sp. | V.10 | UCMP | 201820 |
| *Protodiploxypinus* sp. | V.11 | UCMP | 201821 |
| *Protodiploxypinus americus* | IV.5 | UCMP | 201869 |
| *Protodiploxypinus* sp. | V.5 | UCMP | 201881 |
| *Protodiploxypinus* sp. | V.6 | UCMP | 201882 |
| *Protodiploxypinus* sp. | V.8 | UCMP | 201883 |
| *Protodiploxypinus* sp. | V.9 | UCMP | 201884 |
| *Pseudoenzonalasporites summus* | II.9 | UMNH | PB 2096 |
| *Punctatisporites globosus* | I.10 | UCMP | 201801 |
| *Punctatisporites globosus* | I.12 | UCMP | 201844 |
| *Reticulatisporites* sp. | I.13 | UCMP | 201845 |
| *Reticulatisporites* sp. | I.14 | UCMP | 201846 |
| *Reticulatisporites* sp. | I.15 | UCMP | 201847 |
| *Samaropollenites speciosus* | III.3 | UCMP | 201862 |
| *Triadispora* sp. cf. *T. verrucata* | IV.10 | UCMP | 201824 |
| *Triadispora* sp. cf. *T. verrucata* | IV.11 | UCMP | 201872 |
| *Triadispora* sp. cf. *T. verrucata* | IV.12 | UCMP | 201873 |
| *Triadispora* sp. cf. *T. verrucata* | IV.13 | UCMP | 201874 |
| *Triadispora* sp. | IV.14 | UCMP | 201875 |
| *Triadispora* sp. | IV.16 | UCMP | 201877 |
| *Vallasporites ignacii* | II.12 | UCMP | 201805 |
| *Vallasporites ignacii* | II.13 | UCMP | 201806 |
| *Vallasporites ignacii* | II.11 | UCMP | 201851 |
| *?Vallasporites ignacii* | II.14 | UCMP | 201822 |
| *Veryhachium* sp. | VI.15 | UCMP | 201894 |
| circumpolloid tetrad, possibly underdeveloped *Camerosporites* | II.5 | UCMP | 201802 |
| circumpolloid tetrad | II.10 | UCMP | 201804 |
| small bisaccate | IV.6 | UCMP | 201813 |
| small bisaccate | IV.7 | UCMP | 201814 |
| aberrant bisaccate pollen with two normal and two small sacci | III.4 | UCMP | 201823 |
| unknown sporomorph | VI.7 | UCMP | 201887 |