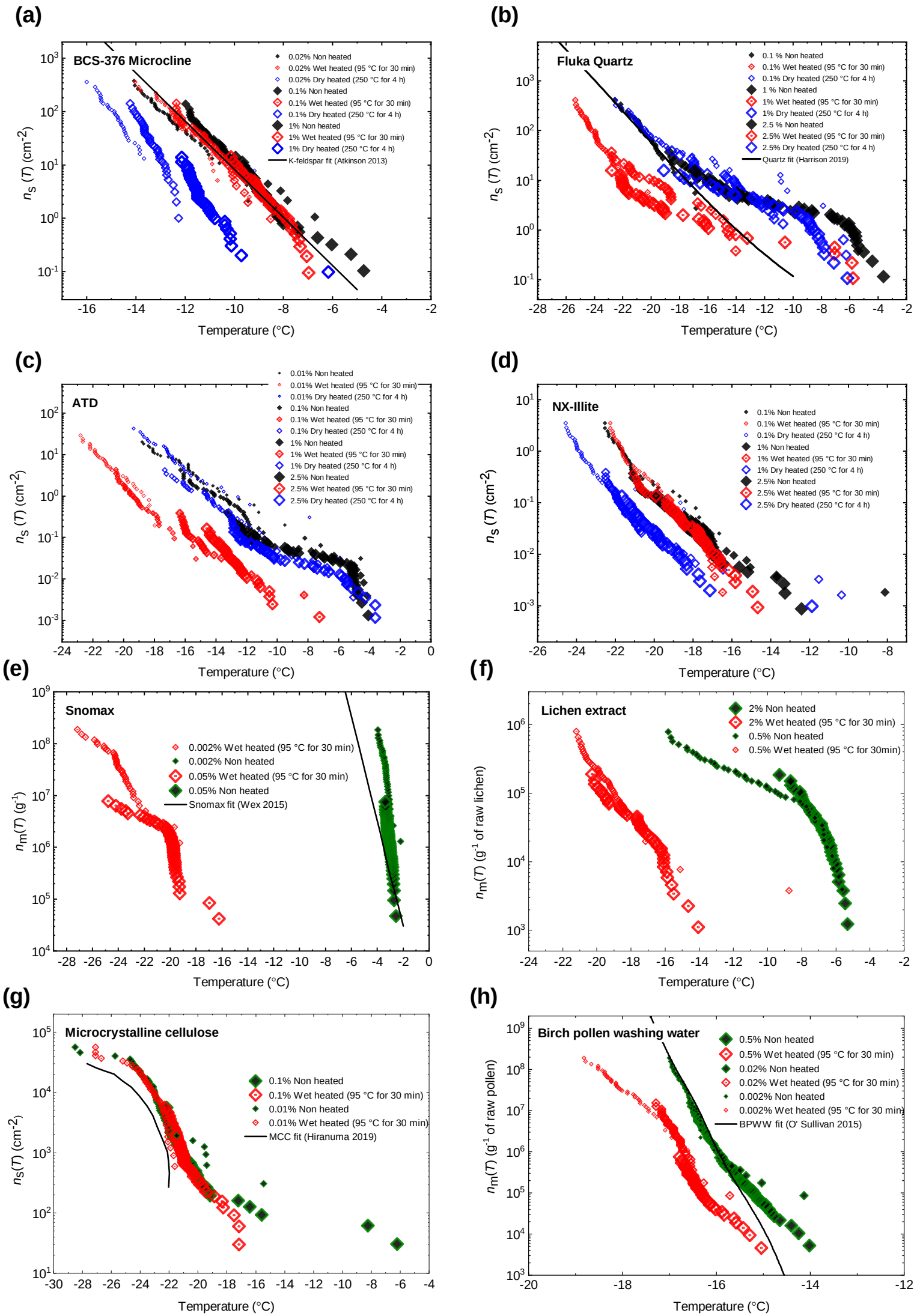
(a)
BCS-376 Microcline
0.02% Non heated
0.02% Wet heated (95 °C for 30 min)
0.02% Dry heated (250 °C for 4 h)
0.1% Non heated
0.1% Wet heated (95 °C for 30 min)
0.1% Dry heated (250 °C for 4 h)
1% Non heated
1% Wet heated (95 °C for 30 min)
1% Dry heated (250 °C for 4 h)
K-feldspar fit (Atkinson 2013)
n_S (T) (cm^{-2})
Temperature (°C)
(b)
Fluka Quartz
0.1 % Non heated
0.1% Wet heated (95 °C for 30 min)
0.1% Dry heated (250 °C for 4 h)
1 % Non heated
1% Wet heated (95 °C for 30 min)
1% Dry heated (250 °C for 4 h)
2.5 % Non heated
2.5% Wet heated (95 °C for 30 min)
2.5% Dry heated (250 °C for 4 h)
Quartz fit (Harrison 2019)
n_S (T) (cm^{-2})
Temperature (°C)
(c)
ATD
0.01% Non heated
0.01% Wet heated (95 °C for 30 min)
0.01% Dry heated (250 °C for 4 h)
0.1% Non heated
0.1% Wet heated (95 °C for 30 min)
0.1% Dry heated (250 °C for 4 h)
1% Non heated
1% Wet heated (95 °C for 30 min)
1% Dry heated (250 °C for 4 h)
2.5% Non heated
2.5% Wet heated (95 °C for 30 min)
2.5% Dry heated (250 °C for 4 h)
n_S (T) (cm^{-2})
Temperature (°C)
(d)
NX-Illite
0.1% Non heated
0.1% Wet heated (95 °C for 30 min)
0.1% Dry heated (250 °C for 4 h)
1% Non heated
1% Wet heated (95 °C for 30 min)
1% Dry heated (250 °C for 4 h)
2.5% Non heated
2.5% Wet heated (95 °C for 30 min)
2.5% Dry heated (250 °C for 4 h)
n_S (T) (cm^{-2})
Temperature (°C)
(e)
Snomax
0.002% Wet heated (95 °C for 30 min)
0.002% Non heated
0.05% Wet heated (95 °C for 30 min)
0.05% Non heated
Snomax fit (Wex 2015)
n_m(T) (g^{-1})
Temperature (°C)
(f)
Lichen extract
2% Non heated
2% Wet heated (95 °C for 30 min)
0.5% Non heated
0.5% Wet heated (95 °C for 30min)
n_m(T) (g^{-1} of raw lichen)
Temperature (°C)
(g)
Microcrystalline cellulose
0.1% Non heated
0.1% Wet heated (95 °C for 30 min)
0.01% Non heated
0.01% Wet heated (95 °C for 30 min)
MCC fit (Hiranuma 2019)
n_S(T) (cm^{-2})
Temperature (°C)
(h)
Birch pollen washing water
0.5% Non heated
0.5% Wet heated (95 °C for 30 min)
0.02% Non heated
0.02% Wet heated (95 °C for 30 min)
0.002% Non heated
0.002% Wet heated (95 °C for 30 min)
BPWW fit (O' Sullivan 2015)
n_m(T) (g^{-1} of raw pollen)
Temperature (°C)