

1 **Geochemical zones and environmental gradients for soils from the**  
2 **Central Transantarctic Mountains, Antarctica**

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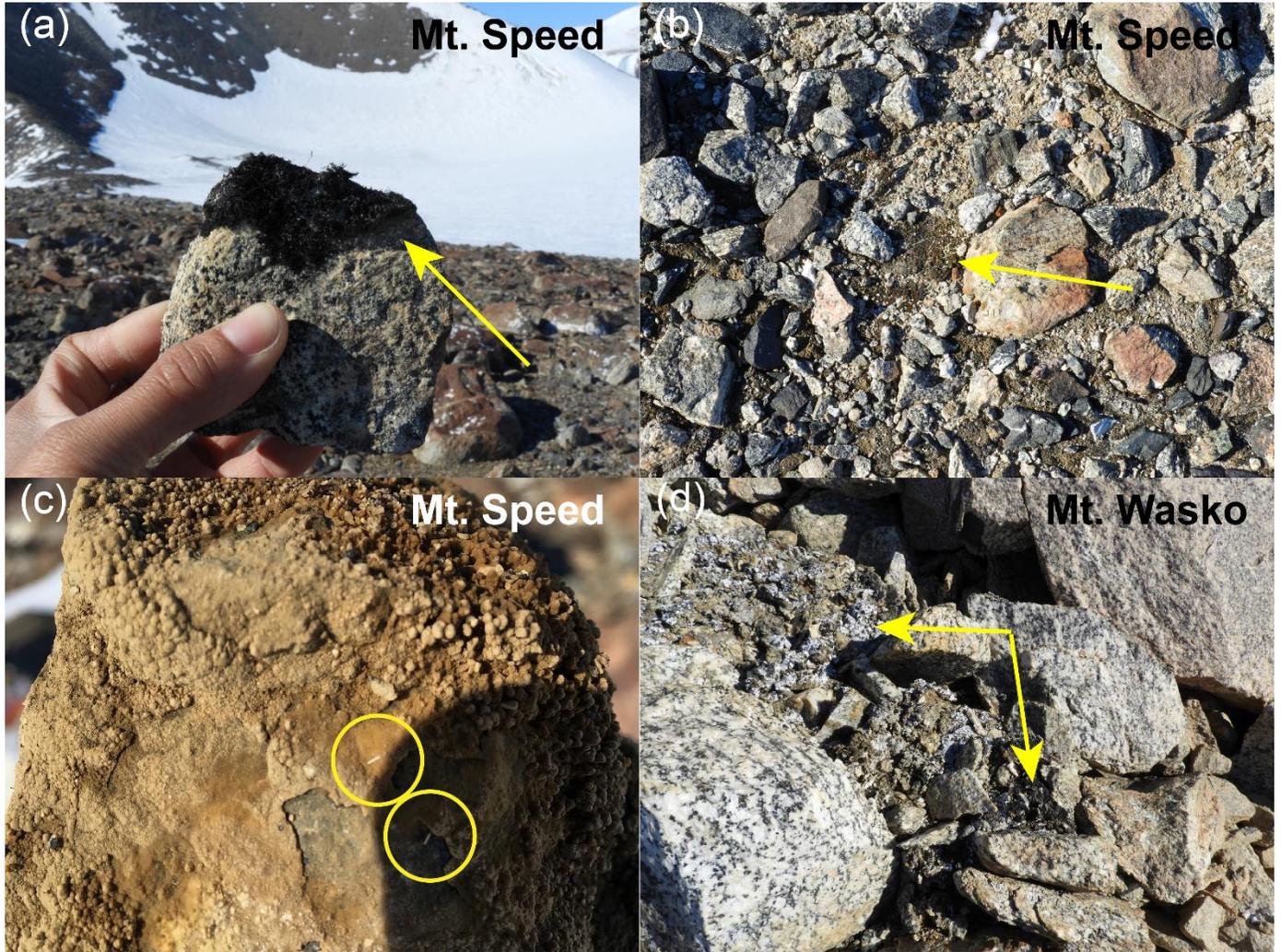
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21 **Supplementary materials:**

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23 **Figure S1:** Images of black lichen (a), green lichen (b), collembola (c), and multiple lichen species (d) at Mt. Speed and Mt.  
24 Wasko.  
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27 **Table S1:** Analytical precision and accuracy for water-soluble salts.

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29 **Table S2:** Water-soluble ion concentrations from 1:5 soil to water leaches (Salts).

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31 **Table S3:** Random forest model imputed training dataset (RFSalts\_Train).

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33 **Table S4:** Random forest model imputed testing dataset (RFSalts\_Test).

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