

Geochemické interakce v mokřadních systémech

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Mokřad Zlaté Hory



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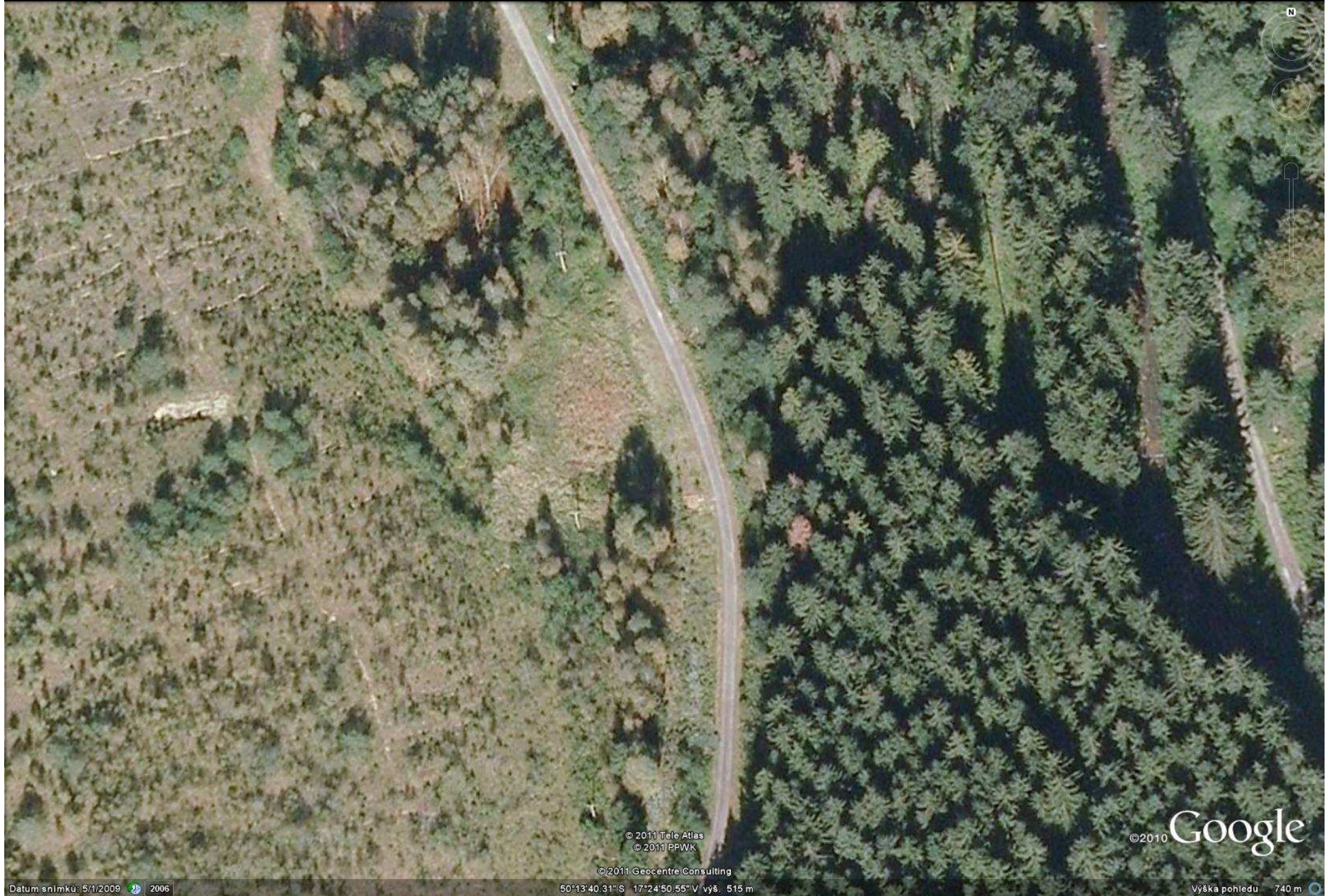
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Datum snímku: 5/1/2009 2006

50°13'34.80" S 17°24'44.05" V výš. 533 m

Výška pohledu 1.85 km

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50°13'40.31" S 17°24'50.55" V výš. 515 m

Výška pohledu 740 m

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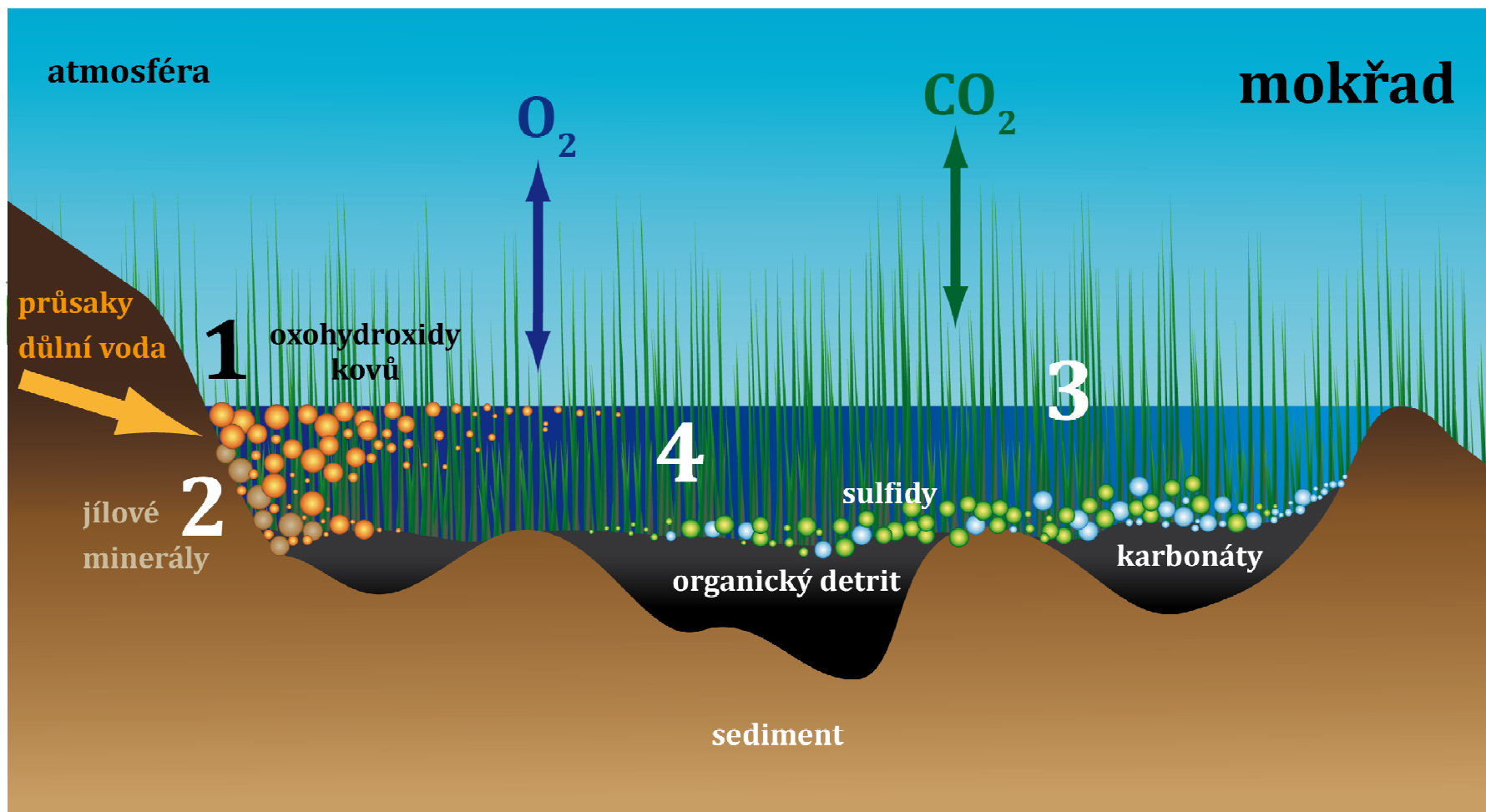
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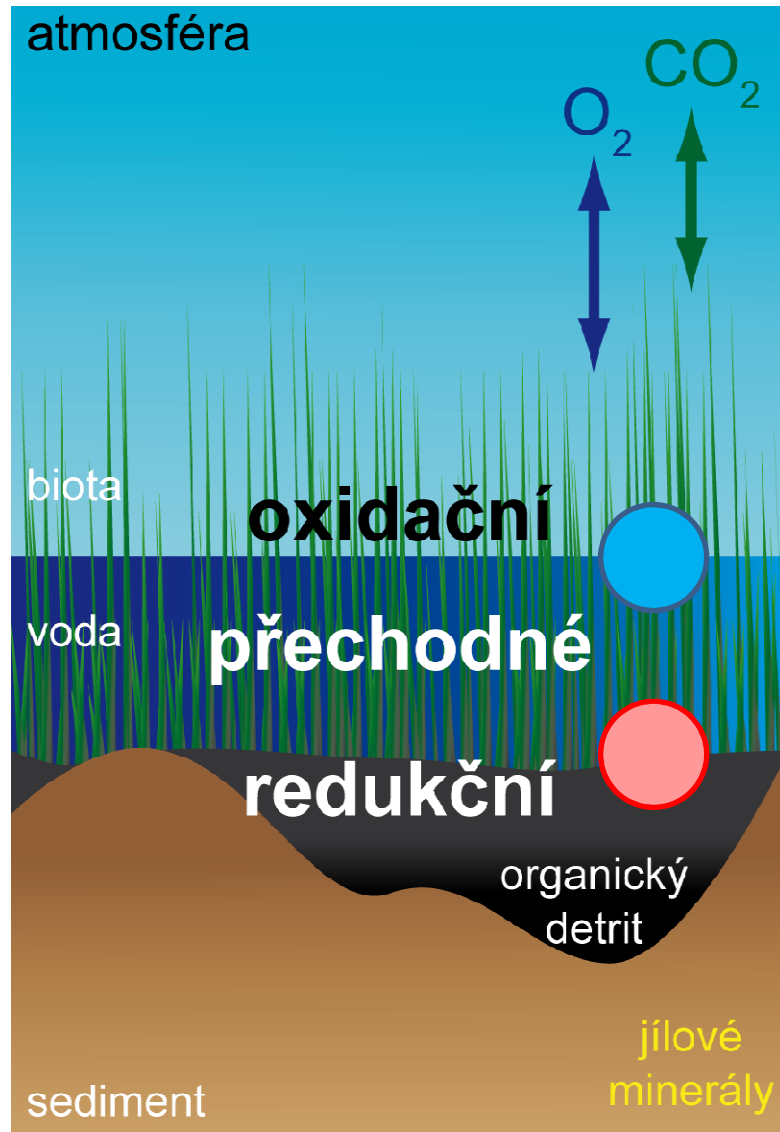
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Základní schéma mokřadního systému

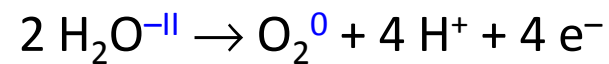
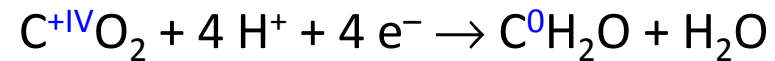
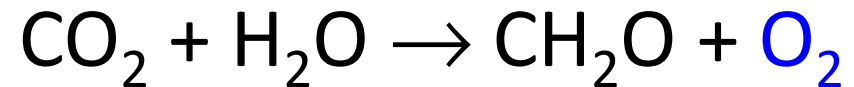


Typy prostředí



■ oxidační

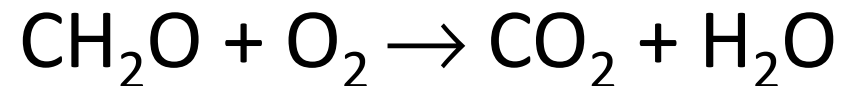
fotosyntéza



$$30 \text{ g} = 475 \text{ kJ}; 180 \text{ g} = 2\,800 \text{ kJ}$$

■ redukční

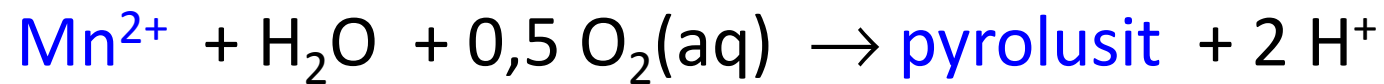
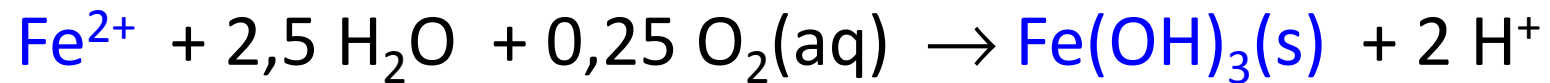
dýchání, tlení



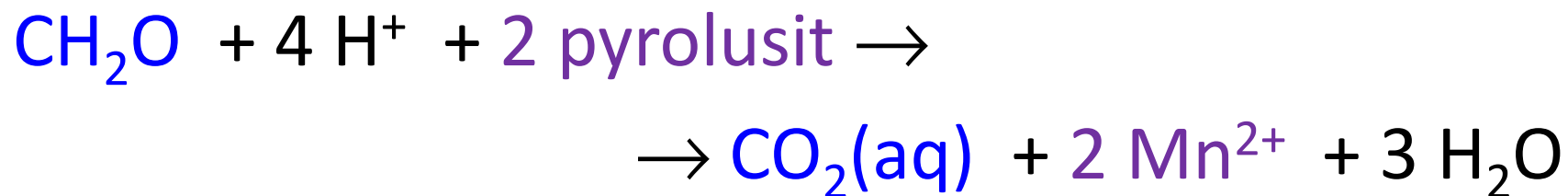
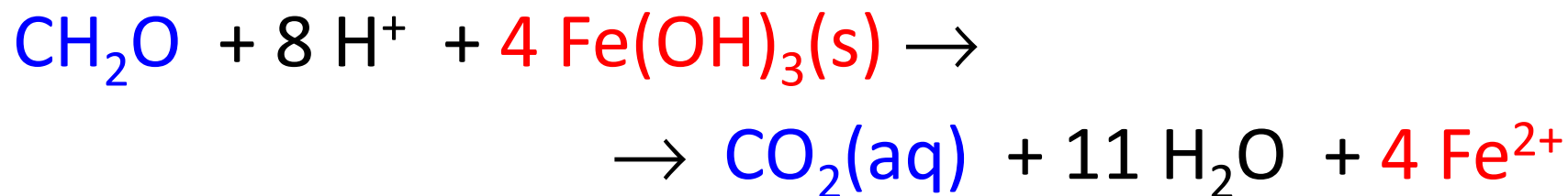
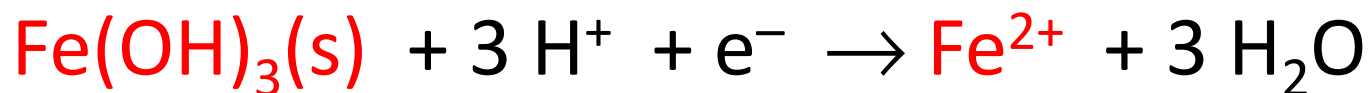
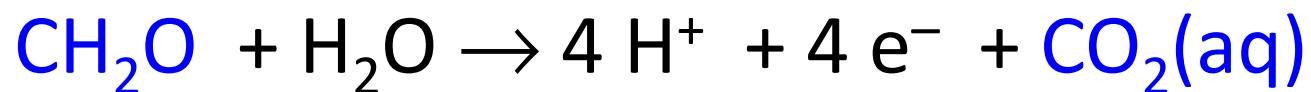
Typy prostředí

- rozhodující jsou oxidačně-redukční (redox) procesy
- změny pH jsou důsledkem a doprovodným jevem redox procesů

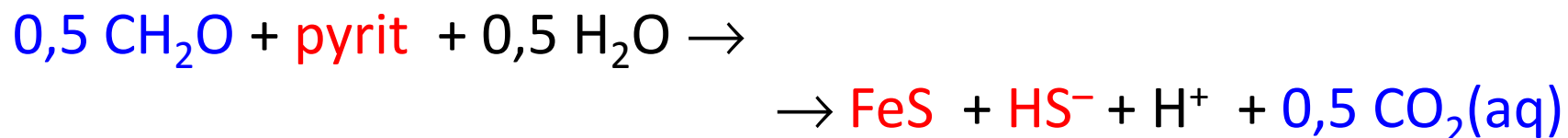
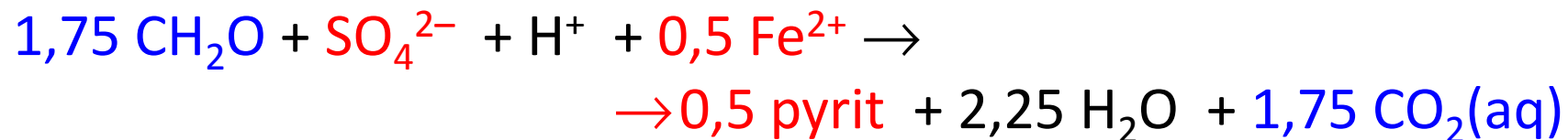
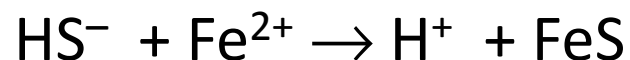
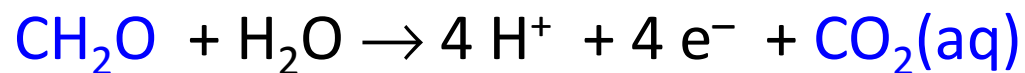
Oxidační část



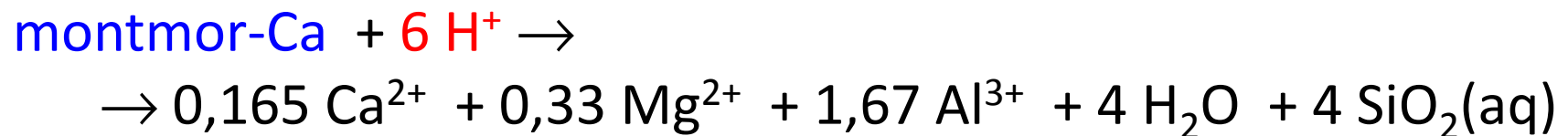
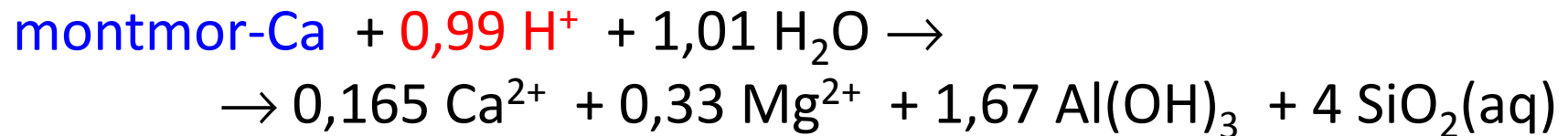
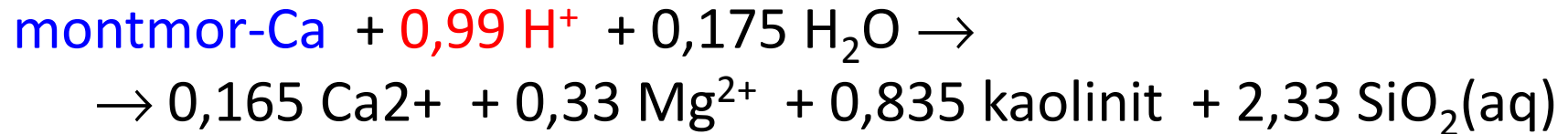
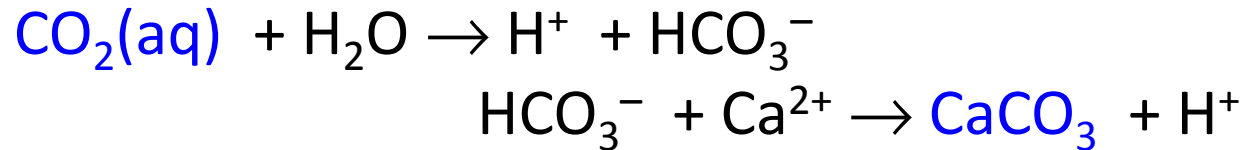
Redukční část



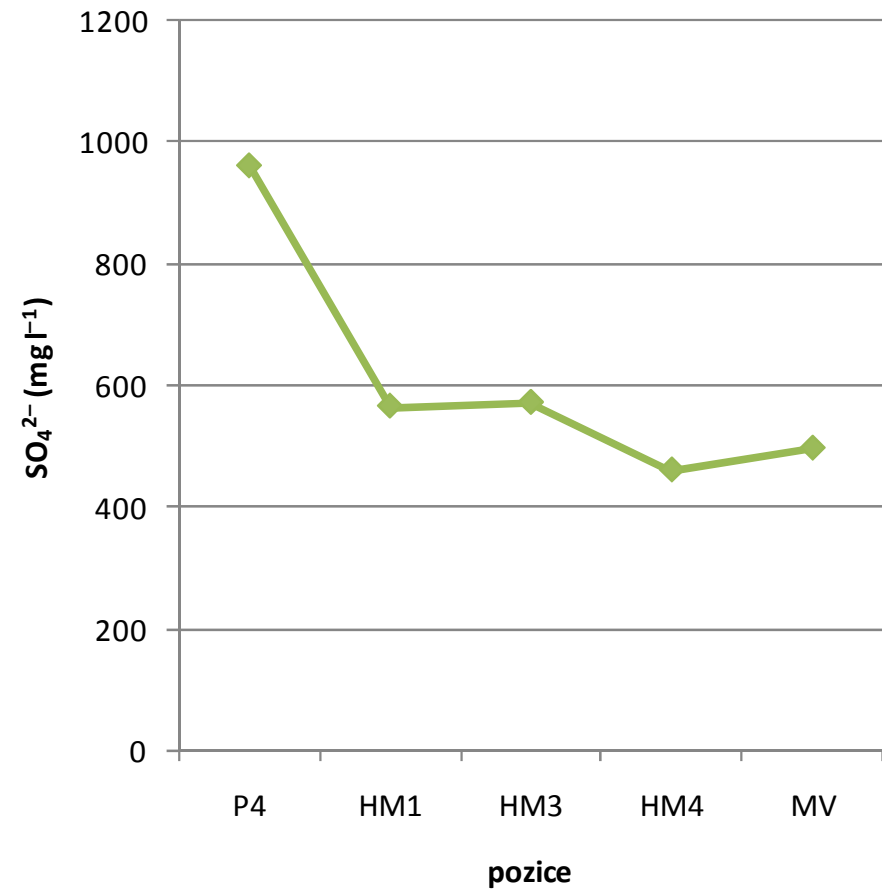
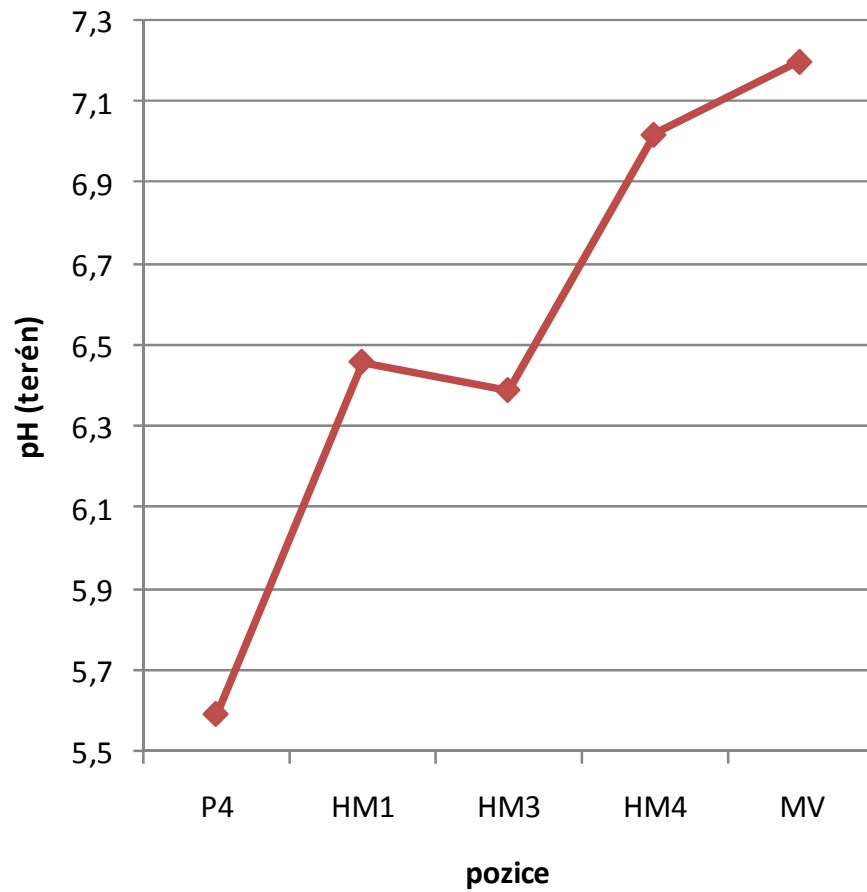
Redukční část



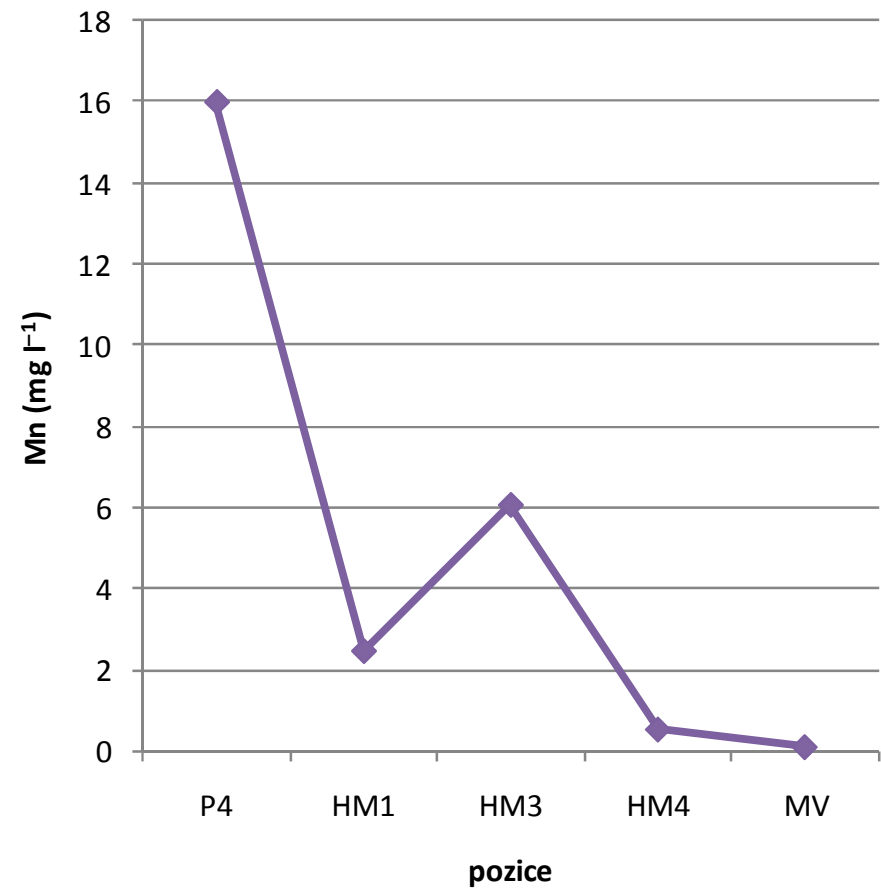
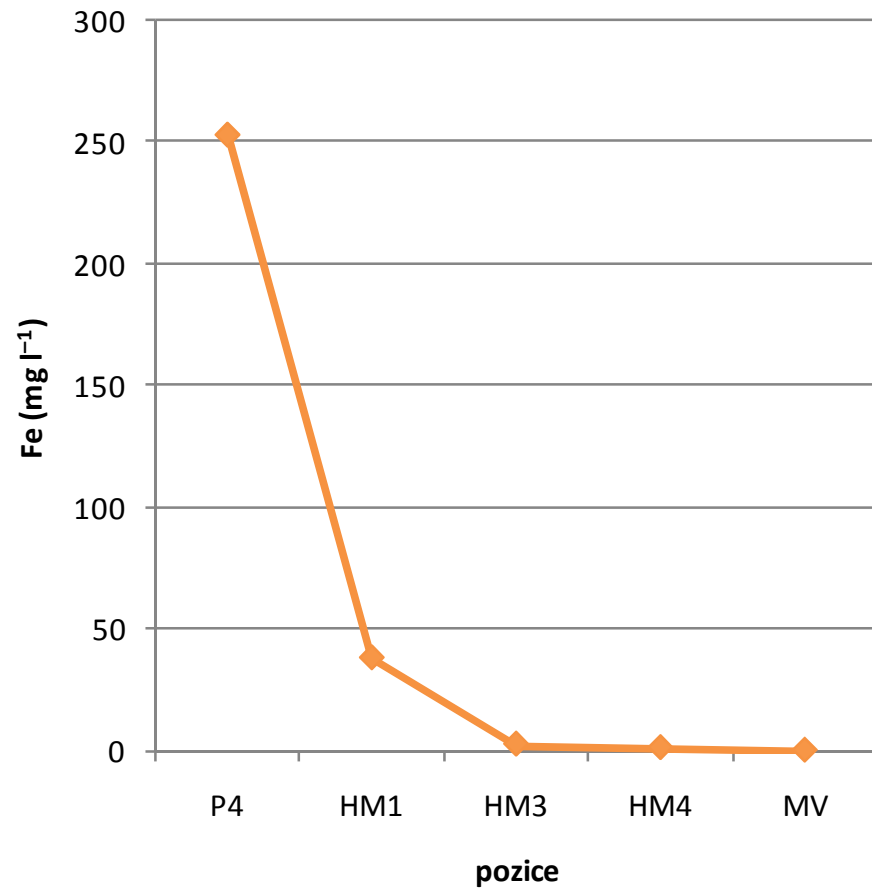
Acidobazické reakce – regulace pH



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Přeji hezký den