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Metataxonomy and functionality of wood-tar degrading microbial consortia

Short title: Dynamics of wood-tar biodegradation

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HIGHLIGHTS

- Tar from a heat pipe reformer gasification plant was collected.
- Tar was formed by several PAH, including phenanthrene, acenaphthylene and fluorene.
- Biodegradation was run over 20 days by a consortium from PAH-polluted soils.
- Degradation dynamics showed 3 main steps, where initially fungi had a key role.

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