

# 土と水の科学

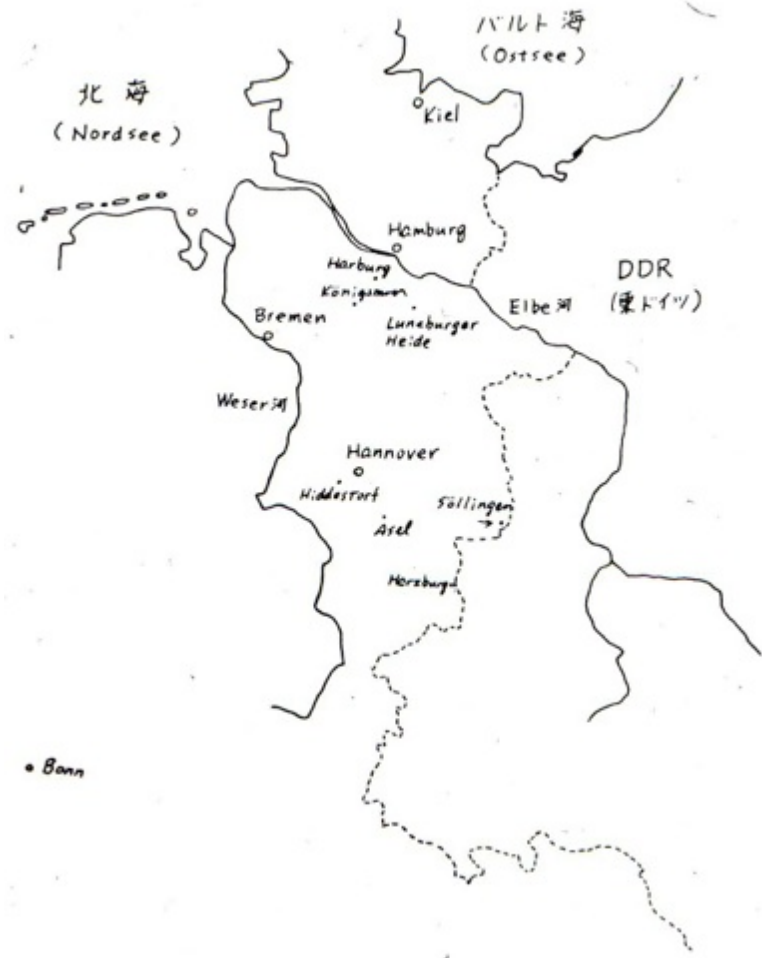
## ドイツ北部の土壌

環境農学ユニット  
筒木 潔

# ドイツ北部の土壌

ドイツ北部の土壌

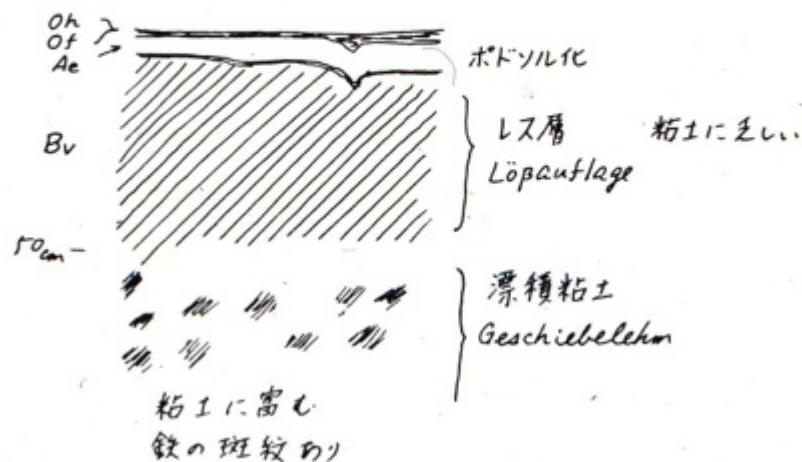
Braunerde	褐色土壌
Parabraunerde	パラ褐色土壌
Podsol	ポドゾル
Moor	泥炭
Schwarzerde	黒色土 (4エルンゼム)
Syrosem	石灰岩の上に 発達する土壌
Rendzina	
Terra fusca	
Ranker	非石灰質岩石の上に 発達する土壌



# Braunerde (Hamburgerberge)



Hamburgerberge :  
Podsolige Braunerde ポドソル化した褐色土塊



# 泥炭地 (Königsmoor)



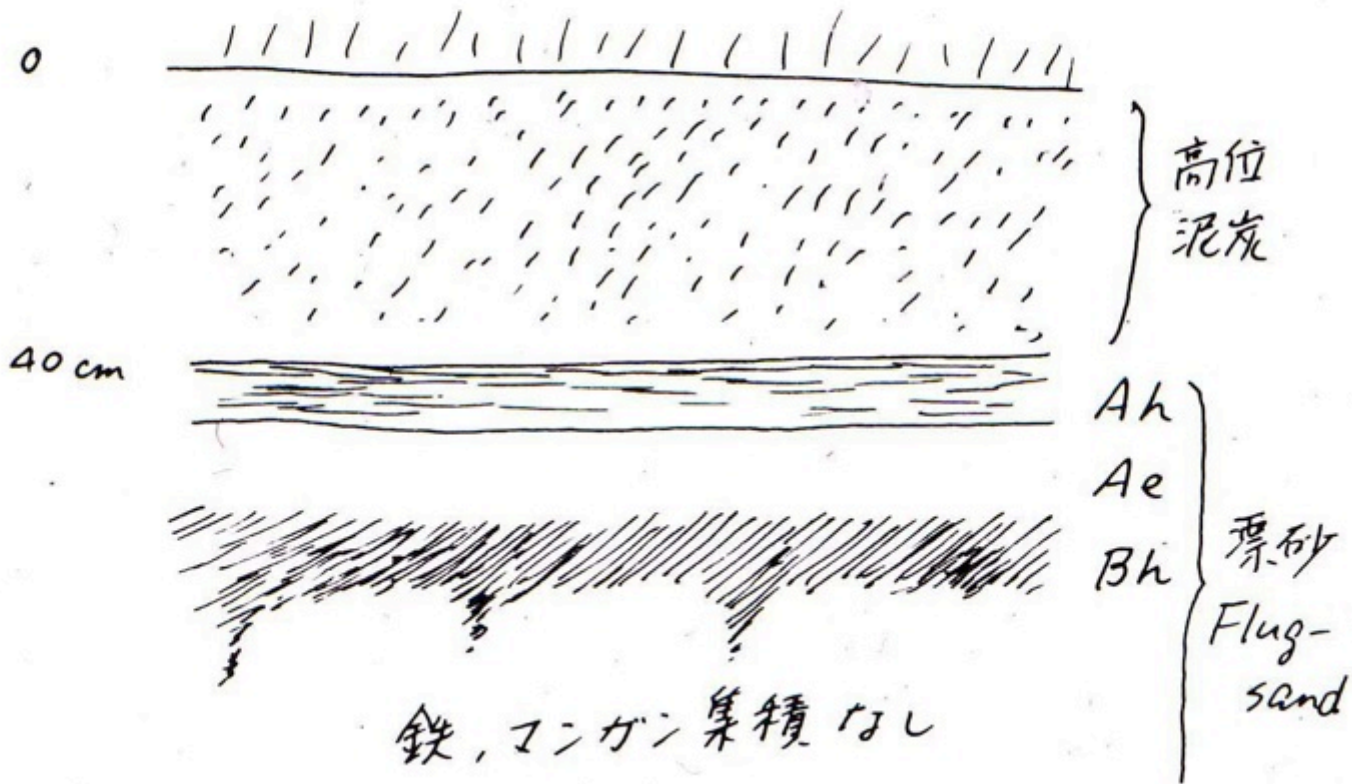
# ポドソル上に発達した高位泥炭土 (Königsmoor)



# Königsmoor泥炭土の模式図

Königsmoor :

ポドソル土の上に発達した負栄養性の  
高位泥炭





## 鉄集積型ポドソル

### Ferric Podzol:

Other Podzols in which the ratio of percentage of free iron to percentage of carbon is 6 or more in all subhorizons of the B horizon

No. 47,  
Ferric Podzol,  
Ferrod,  
in Vindeln, Sweden



No. 27, Wheat field, Hildesheim, Germany





## **CHERNOZEMS (C)**

Other soils having a mollic A horizon with a moist chroma of 2 or less to a depth of at least 15 cm; having one or more of the following: a calcic or a gypsic horizon, or concentrations of soft powdery lime within 125 cm of the surface when the weighted average textural class is coarse, within 90 cm for medium textures, within 75 cm for fine textures

No.24,  
Haplic Chernozem,  
Typic Vermudoll,  
in Hildesheim, Germany



No. 29, Deciduous forest,  
in Hildesheim



## Luvic Chernozem

Chernozems having an argillic B horizon; a calcic or gypsic horizon may underlie the B horizon

No. 28, Luvic Chernozem,  
Typic Argiaquoll, in  
Hildesheim, Germany