

1) Soubor **lokality.csv** popisuje charakter lokalit

das - distance to the source (km \* 10)

alt - altitude (m)

pen ( $\ln(x + 1)$  where x is the slope (per mil \* 100)

deb - minimum average debit (m<sup>3</sup>/s \* 100)

pH (\* 10)

dur - total hardness of water (mg/l of Calcium)

pho - phosphates (mg/l \* 100)

nit - nitrates (mg/l \* 100)

amm - ammonia nitrogen (mg/l \* 100)

oxy - dissolved oxygen (mg/l \* 10)

dbo - biological demand for oxygen (mg/l \* 10)

2) Soubor **ryby.csv** popisuje abundance (početnost) ryb na dané lokalitě

CHA - Cottus gobio

TRU - Salmo trutta fario

VAI - Phoxinus phoxinus

LOC - Nemacheilus barbatulus

OMB - Thymallus thymallus

BLA - Telestes soufia agassizi

HOT - Chondrostoma nasus

TOX - Chondrostoma toxostoma

VAN - Leuciscus leuciscus

CHE - Leuciscus cephalus cephalus

BAR - Barbus barbus

SPI - Spirlinus bipunctatus

GOU - Gobio gobio

BRO - Esox lucius

PER - Perca fluviatilis

BOU - Rhodeus amarus

PSO - Lepomis gibbosus

ROT - Scardinius erythrophthalmus

CAR - Cyprinus carpio

TAN - Tinca tinca

BCO - Abramis brama

PCH - Ictalurus melas

GRE - Acerina cernua

GAR - Rutilus rutilus

BBO - Blicca bjoerkna

ABL - Alburnus alburnus

ANG - Anguilla anguilla