Iceland Samples

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Load Packages

```r
suppressPackageStartupMessages(library(dplyr))
knitr::opts_knit$set(root.dir = "/Users/saraschaal/Documents/Northeastern/LotterhosLab/Research/Iceland,
```

Load & Manipulate Dataframes

Need to manipulate dataframes because they came from different people with different headings. Once in the proper order I create one master dataframe.

```r
####################################################
#### Load DataFrames ###############################
####################################################

# Northeast offshore
df.NEOff <- read.csv2("./data/Iceland_NEOffshore_Original.csv", header = TRUE, sep = ";")
# Southwest offshore
df.SWOff <- read.csv2("./data/Iceland_SWOffshore_Original.csv", header = TRUE, sep = ";")
# Northeast nearshore
df.NENear <- read.csv("./data/Iceland_NENearshore_Original.csv", header = TRUE)
# Southwest nearshore
df.SWNear <- read.csv("./data/Iceland_SWNearshore_Original.csv", header = TRUE)
```

```r
##############################
#### Adjust Header Names ####
##############################

# Northeast offshore
colnames(df.NEOff)[2] <- "synis_id"

# Northeast nearshore
colnames(df.NENear) <- c("sample.id", "synis_id", "station", "number", "length",
                         "sex", "maturity", "ungutted", "gutted", "liver",
                         "pos.start.n", "pos.start.w", "pos.end.n", "pos.end.w",
                         "depth.start", "depth.end")

# Southwest nearshore
colnames(df.SWNear)[c(1:2, 6:13, 16, 22:31)] <- c("sample.id", "synis.id", "cruise",
                                                  "station", "ship", "year", "month",
                                                  "day", "pos.start.n", "pos.start.w",
                                                  "depth.start", "species", "number",
                                                  "length", "sex", "maturity", "age",
                                                  "ungutted", "gutted", "gonad", "liver")
```

```r
# Southwest offshore
colnames(df.SWOff)[2] <- "synis.id"

###############################
#### Create Master Datasheet ####
###############################

#merge(df.NENear, df.NEOff, df.SWNear, df.SWOff )
```