Species ID Guide Template

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10/13/2021

Eubalaena australis (Southern right whale)

Description

These stocky whales have extremely large heads, which can be over one-fourth of the body length. The mouthline is bowed and the rostrum is arched. Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.*

Figures

Figure 1: This is the southern right whale, figure is centered.
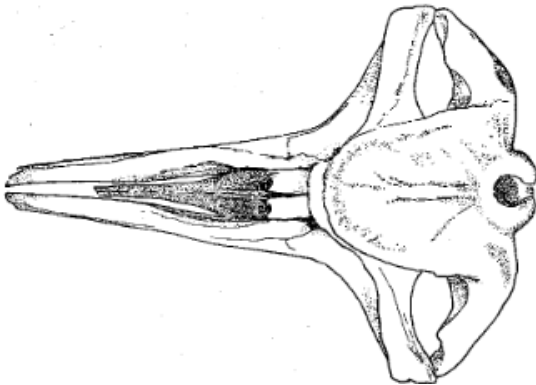

Figure 2: This is the skull of the southern right whale skull (dorsal view), figure is left-aligned.
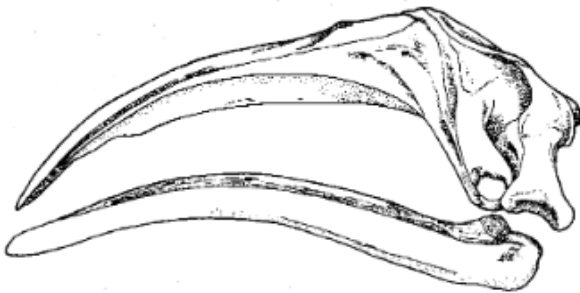

Figure 3: This is the skull of the southern right whale skull (lateral view), figure is left-aligned.

Questions

1. Very interesting and useful question
2. Another wildly helpful question
3. A third, MOST fascinating question

Balaena mysticetus (Bowhead whale)

Description

Bowhead whales are very rotund, but often have a distinct "neck" region. The head is large... Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.* Text text text text. **Bold text bold text bold text.** *Italicized text italicized text italicized text.*
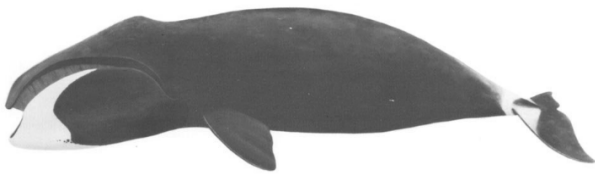
Figures

Figure 4: This is the bowhead whale, figure is centered.
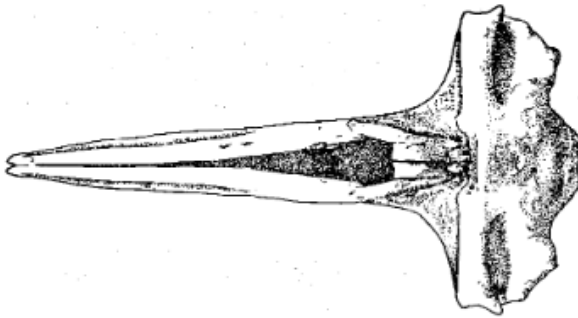

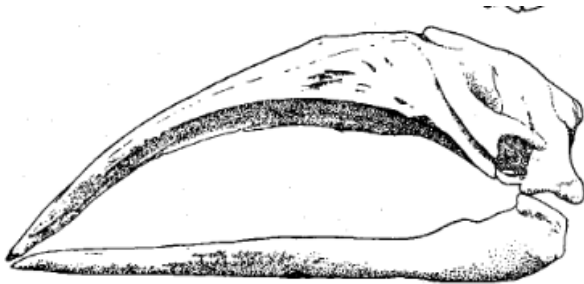**Figure 5:** This is the skull of the bowhead whale skull, figure is centered.

Figure 6: This is the skull of the bowhead whale skull, figure is centered.

Questions

1. Very interesting and useful question
2. Another wildly helpful question
3. A third, MOST fascinating question

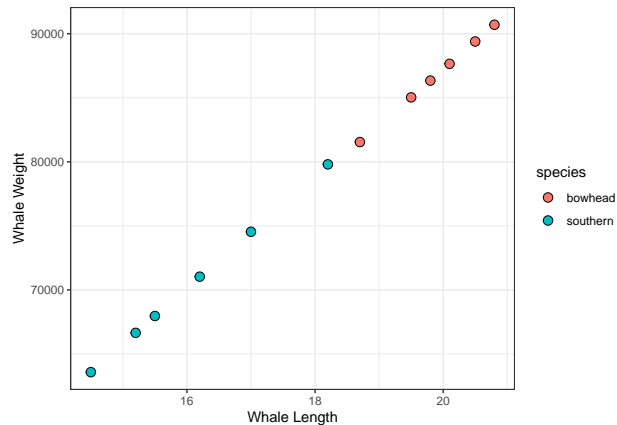# Supplemental Information

Figures

Figure 7: Whale length and whale weight compared by species

```r
# load the packages
library(kableExtra)
library(knitr)
library(tidyverse)
library(here)

# read in the data
ex_table = read_csv(here("./data/example.csv"))
```

```
## Rows: 2 Columns: 6
```

```
## -- Column specification --------------------------------------------------
## Delimiter: ","
## chr (5): sp, morphology, something, another thing, and yet another ridiculou...
## dbl (1): size
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```r
# check it's in data.frame() from not just tbl form
ex_table=data.frame(ex_table)

#write custom function to display the table how we want
knit_table = function(df){

  df = data.frame(apply(df, function(x){gsub("<br>", "\n", x)}),
    stringsAsFactors = FALSE)


  df %>%
```

```r
    mutateall(linebreak) %>%
    kable("latex",
          booktabs = TRUE,
          escape = FALSE,
          longtable = TRUE) %>%
    kable_styling(latex_options = "scale_down",
                  full_width = FALSE,) %>%
    column_spec(1, width = "5em") %>%
    column_spec(2, width = "5em") %>%
    column_spec(3, width = "5em") %>%
    column_spec(4, width = "5em") %>%
    column_spec(5, width = "5em") %>%
    column_spec(7, width = "20em")
}

knit_table = function(df){
    df = data.frame(lapply(df, function(x) {gsub("<br>", "\n", x)}), stringsAsFactors = F)

  df %>%
    mutate_all(linebreak) %>%
    kable("latex",
          booktabs = TRUE,
          escape = FALSE,
          longtable = FALSE) %>%
    kable_styling(latex_options = "scale_down",
                  full_width = FALSE)  %>%
    column_spec(1, width = "5em") %>%
    column_spec(2, width = "5em") %>%
    column_spec(3, width = "5em") %>%
    column_spec(4, width = "5em") %>%
    column_spec(5, width = "5em") %>%
    column_spec(7, width = "20em")
}

knit_table(whale_table)
```

```html
 <table>
  <tr>
    <th>Company</th>
    <th>Contact</th>
    <th>Country</th>
  </tr>
  <tr>
    <td>Alfreds Futterkiste</td>
    <td>Maria Anders</td>
    <td>Germany</td>
  </tr>
  <tr>
    <td>Centro comercial Moctezuma</td>
    <td>Francisco Chang</td>
    <td>Mexico</td>
  </tr>
</table>
```

Species	Length	Weight	Trophic.Role	Diet	Reproduction	Other.Info
Bowhead whale	18..7-20.8	81542.79 - 90700	predators	kril	sexual	text text text text text
						text text text text text text text text text text text text
						text text text text text text text text text text text text
						text text text text text text text text text text text text
						text text text text text text text text text text text text
						text text text text text text text text text text text text
Southern right whale	14.5-18.2	63576.92 - 79800	predators	krill	sexual	text text text text text text text text
						text text text text text text text text text text text
						text text text text text text text text text text text
						text text text text text text text text text text text
						text text text text text text text text text text text
						text text text text text text text

```r
# library(dplyr)
# library(knitr)
# library(kableExtra)
#
# knit_table <- function(df){
#   if (is_html_output()) {
#     df %>%
#       kable("html", escape = F) %>%
#       kable_styling()
#   } else {
#     df <- data.frame(lapply(df, function(x) {gsub("<br>", "\n", x)}), stringsAsFactors = F)
#
#     df %>%
#       mutate_all(linebreak) %>%
#       kable("latex", booktabs = T, escape = F)
#   }
# }
#
# df1 <- data.frame(col1 = c("a", "b"),
#                   col2 = c("one<br>two", "three<br>four"))
#
# knit_table(df1)
```

```r
# library(pander)
# library(descr)
# pander::pander(descr::CrossTable(mtcars$am, mtcars$gear))
```