

# Package: planteam (via r-universe)

May 16, 2026

**Type** Package

**Title** Making Plan Team Smoother

**Version** 0.1.0

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**Description** Create planteam summaries, catch reports, and spec tables

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Depends** R (>= 2.10)

**RoxygenNote** 7.2.3

**Imports** bookdown, dplyr, flextable, googlesheets4, here, magrittr,  
openxlsx2, purrr, readxl, rmarkdown, tibble, tidyr

**Suggests** knitr

**VignetteBuilder** knitr

**Config/pak/sysreqs**

libcairo2-dev cmake libfontconfig1-dev libfreetype6-dev libfribidi-dev make libharfbuzz-  
dev libicu-dev libjpeg-dev libpng-dev libtiff-dev libuv1-dev libwebp-dev libxml2-dev libssl-dev

**Repository** <https://jimianelli.r-universe.dev>

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**RemoteUrl** <https://github.com/afsc-assessments/planteam>

**RemoteRef** HEAD

**RemoteSha** 19cf1d4e070526da60ac552d42513ab335c2e954

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catch_report	<i>Catch report generator</i>
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**Description**

Catch report generator

**Usage**

```
catch_report(
  title,
  authors,
  stock,
  area,
  year,
  last_full_year,
  next_full_year,
  catch_data_date,
  output_dir = NULL
)
```

**Arguments**

title	what do you want to call it?
authors	who are the authors
stock	a lowercase shorthand that matches with the data file <a href="https://docs.google.com/spreadsheets/d/1uHmCuY3">https://docs.google.com/spreadsheets/d/1uHmCuY3</a>
area	lowercase typically "GOA" or "BSAI", though other "BSAI" areas can be called (e.g., Bogoslof) - must match the google sheet names
year	current year
last_full_year	last year that a full assessment was done
next_full_year	next year that a full assessment is scheduled to occur
catch_data_date	date that catch data are through, e.g., "November 5, 2023"
output_dir	default output is the project, if you have a year folder the something like "2023" to id which folder to place the results in

**Examples**

```
/dontrun{
catch_report(title = "1.B. Assessment of walleye pollock in the Bogoslof Island Region",
  authors = "James N. Ianelli, S. J. Barbeaux, Ivonne Ortiz, and D. McKelvey",
  stock = "pollock",
  area = "Bogoslof",
  year = 2023,
```

```

    last_full_year = 2021,
    next_full_year = 2024,
    catch_data_date = "November 5, 2023",
    output_dir = "2023")
}

```

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catch_to_sheet	<i>Send AKRO catch data to the plan team google sheet</i>
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### Description

Send AKRO catch data to the plan team google sheet

### Usage

```
catch_to_sheet(year, data, area)
```

### Arguments

year	current year
data	catch data file
area	'goa' or 'bsai' - currently this only works for 'goa'

### Examples

```

/dontrun{
  catch_to_sheet(year=2023, data=goa_nov_catch, area='goa')
}

```

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nameit	<i>age plus group to biomass name</i>
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### Description

age plus group to biomass name

### Usage

```
nameit(data)
```

### Arguments

data	input dataframe
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read_specs	<i>read in specs dataframe</i>
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### Description

read in specs dataframe

### Usage

```
read_specs(
  path,
  year,
  range = "A5:L91",
  col_names = c("species", "area", "0ofl", "0abc", "0tac", "0catch", "1ofl", "1abc",
    "1tac", "1catch", "2ofl", "2abc"),
  col_types = c("text", "text", rep("numeric", 10))
)
```

### Arguments

path	location of file
year	current year
range	the range of cells to include from the spreadsheet default:A5:L91
col_names	specify names of all columns included
col_types	specify column types of all columns included

### Examples

```
## Not run:
read_specs('data/goa_specs2022.xlsx', col_names = c("species", "area", "0ofl", "0abc", "0tac", "0catch", "1ofl",
## End(Not run)
```

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spec_table	<i>Create an Excel specs table</i>
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### Description

Create an Excel specs table

### Usage

```
spec_table(year, month = "sep", area = "goa", catch_date = "11/9/2023")
```

**Arguments**

year	current year
month	sep or nov specs
area	goa or bsai
catch_date	date that catch dat is pulled e.g., ("9/10/2023")

**Examples**

```
/dontrun{  
spec_table(year, month = "sep", area = "goa", catch_date="11/9/2023")  
}
```

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