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| National Park Service  U.S. Department of the Interior  Natural Resource Stewardship and Science | National Park Service Logo |

NRR Report Title (Style: *nrps Title*)

Subtitle (Style: nrps Subtitle)

Natural Resource Report NPS/XXXX/NRR—201X/XXXX (Style: *nrps Series name/number*)

Placeholder for Front Cover Photograph(s) or Image(s)

What Is This Document and How Will It Help Me?

This template is for generating documents published in the National Park Service [Natural Resource Report Series](https://www.nature.nps.gov/publications/nrpm/templates.cfm) (NRR) using MS Word 2013 and later (earlier versions of MS Word are not recommended).

Not sure how to do something as instructed in the template? Click on the hyperlinks provided. The hyperlinks below, and most other links in this document, will only work if you download and unzip all of files in the [NRR\_Template\_4.2.zip](https://www.nature.nps.gov/publications/nrpm/templates.cfm) file inside the same network drive folder.

Template files

1. [**Instructions for NRR Templates and Tips for Preparing and Submitting Reports in MS Word**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/1_NRR_Template_Instructions_Tips.docx#begin)—This **READ ME FIRST** document summarizes basic concepts and steps for preparing NRR reports.
2. Document preparation files
   1. [**NRR Author Template**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Author_Template_V4.2.docx#Begin)—A simplified template used by authors to write and peer review reports prior to sending the final draft to a dedicated NPS layout expert (NPS employees that do the final layout for ten or more NRR or NRDS reports each year).
   2. **Full NRR Template** (this document)—A more comprehensive template used to generate the final layout for publication.
      1. This file provides working examples of the most important format and layout elements (text, figures, tables, etc.).
3. [**Layout Rules & Guidance Notes for NRR Template**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Begin)—Provides more detailed guidance about NRR layout standards.
4. [**Final Layout Checklist**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_NRDS_Final_Checklist.docx)—Use this checklist to make sure that your MS Word document meets current NRR layout standards prior to submitting it for final publication.
5. [**Manuscript Submittal Form (MSF)**](https://nrss.sharepoint.nps.gov/prg/nrpm/) **(NPS-only)**—Use this online form to submit final documents for publication. You must be logged onto the NPS computer network (in a NPS office or using VPN).

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1. It meets criteria for '[Highly Influential Scientific or Scholarly Information](https://irma.nps.gov/DataStore/DownloadFile/566330)' (see Section III starting on page 23)
2. It is expected to be heavily distributed or scrutinized outside the NPS
3. It is produced by a NPS Washington Support Office, Natural Resource Stewardship and Science division, or NPS-wide program office

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NRR Report Title (Style: *nrps Title*)

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Natural Resource Report NPS/XXXX/NRR—201X/XXXX (Style: *nrps Series name/number*)

Author One,1 Author Two,2 Author Three,1 Author Four3

1National Park Service (organization name is mandatory)  
Address Line 1 (address is optional)  
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3Organization Name (organization name is mandatory)  
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Month Year

U.S. Department of the Interior  
National Park Service  
Natural Resource Stewardship and Science

Fort Collins, Colorado

**[Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx" \l "pageii) for the publication policy page**

The National Park Service, Natural Resource Stewardship and Science office in Fort Collins, Colorado, publishes a range of reports that address natural resource topics.These reports are of interest and applicability to a broad audience in the National Park Service and others in natural resource management, including scientists, conservation and environmental constituencies, and the public.

The Natural Resource Report Series is used to disseminate comprehensive information and analysis about natural resources and related topics concerning lands managed by the National Park Service. The series supports the advancement of science, informed decision-making, and the achievement of the National Park Service mission. The series also provides a forum for presenting more lengthy results that may not be accepted by publications with page limitations.

All manuscripts in the series receive the appropriate level of peer review to ensure that the information is scientifically credible, technically accurate, appropriately written for the intended audience, and designed and published in a professional manner.

**You must add a peer review statement here using Style *nrps Normal* that has been approved by the Peer Review Manager of the report   
(**[**Rules/Guidance & examples that you can use**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#PageiiPeerReview)**).**

Views, statements, findings, conclusions, recommendations, and data in this report do not necessarily reflect views and policies of the National Park Service, U.S. Department of the Interior. Mention of trade names or commercial products does not constitute endorsement or recommendation for use by the U.S. Government.

NPS XXXXXX, Month 201X

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[**Rules/Guidance**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#PageiiCitation) **for the syntax used for the official citation**

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Abstract or Executive Summary (Style: *nrps Heading 1*)

About the Abstract or Executive Summary Section in Natural Resource Reports (Style: *nrps Heading 2*)

All NRR reports should have an abstract or executive summary. The typical approach is to use abstracts for shorter reports and executive summaries for longer reports.

The abstract should briefly but concisely identify the objectives, methods, principal results, and major conclusions. The purpose is to allow readers to determine whether the information is useful to them. The recommended length is up to 3% of the total length of the report, with a maximum length of 250 words.

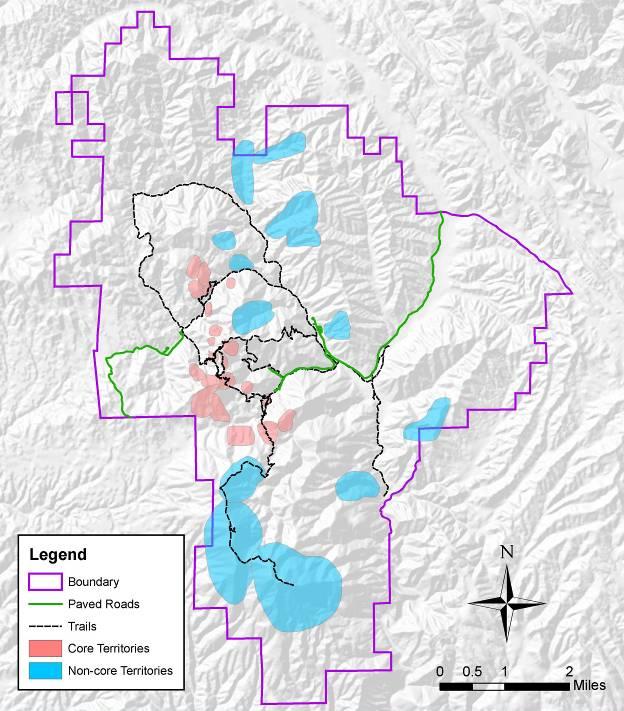
The executive summary should be a “stand alone” section that summarizes the prominent facts discussed in the report and the conclusions reached in relation to study objectives. It should be as brief as possible, yet cover the subject in a clearly written, non-technical style so that, on its own, this section tells the reader what the project was about and what conclusions were made. Executive Summaries are often:

* Used in place of the larger report by park superintendents and other NPS land managers to inform legislators, public individuals and organizations, and NPS park, regional, and Washington Office staff of the completion and results of the study.
* Used to create one-to-three page resource briefs, fact sheets, or brochures. These smaller documents are usually downloaded and used much more often than the larger report by park superintendents and other NPS land managers.

About Graphics (maps, photos, etc.)

Maps and photos are common in the executive summary (Figure 1). All graphics that show data results or analysis, facts, or contextual information (maps, charts, etc.) should be added to the report as figures and referenced in the text section immediately before the figure ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for captions, [Figure 1](#Figure1), [Figure 2](#Figure2), [Figure 3](#Figure3), [Figure 4](#Figure4), [Figure 5](#Figure5)).

Purely decorative graphics (i.e., photos and images that do not show data results or analysis, facts, or contextual information) should not be treated as figures or referenced in the text in most cases ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for captions, see full template [Example 1](#Photo1) and [Example 2](#Photo2)).



**Figure 1.** Example of a map that takes up the entire width of the page (suggested for most maps in NRR reports) (Style: *nrps Figure caption*, [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Maps) for maps; [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for graphic captions; and [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCredits) for how to credit images, photos, and artwork).

View of Shenandoah National Park 
Photograph courtesy of Kevin Kelley


View of Shenandoah National Park (© KEVIN KELLEY) ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Graphics) for adding graphics; [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for graphic captions; and [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCredits) for how to credit images, photos, and artwork).

Acknowledgments (or similar) (optional)   
(Style: *nrps Heading 1*)

The acknowledgments section is optional for NRR reports.

This and any other first order headings that are typically placed between the abstract/executive summary and the introduction (e.g., Acronyms, List of Terms, etc.) can begin at the top of any new page, regardless if it is meant for online or print distribution. If they will fit on one page, two or more sections of this type may also be placed on the same page.

The acknowledgments section should briefly acknowledge those who directly helped with research or writing.

Acknowledgments of typists, illustrators, editors, and referees may be included but generally are discouraged. Use only forename initials with surname and do not include professional titles or academic degrees.

List of Terms, Small Glossary, Acronyms, or Contacts (optional) (Style: *nrps Heading 1*)

This section is also optional for NRR reports. Some reports include a list of terms (or small glossary), commonly used acronyms, or personal contacts. If they will fit on one page, two or more sections of this type may be placed on the same page.

**Introduction (or similar)** (Style: *nrps Heading 1*)

All NRR reports should contain an introductory section. This section should include the purpose for the report, as well as any background or other information to provide context for the information presented.

The naming and organization of other chapters, as well as the topics covered in NRR reports, are completely up to the author and official Peer Review Manager for that report.

Example of a Second Order Heading (Style: *nrps Heading 2*)

Lorem ipsum aliquet tincidunt bibendum ultrices mi himenaeos, auctor elit justo consequat litora tempor, faucibus quis elementum platea quisque tristique sapien consectetur dictumst eu porta diam sodales platea, arcu consectetur himenaeos etiam feugiat aenean potenti, adipiscing leo scelerisque non mollis quisque.

Example of a Third Order Heading (Style: nrps Heading 3)

Platea lacinia elementum lacus feugiat scelerisque cursus commodo, cras dui congue quisque blandit elit dolor tortor, non quam integer consectetur sollicitudin nulla lectus aliquam risus non egestas mauris urna porta gravida, curabitur placerat lacinia ante dolor neque ut, habitant aenean lorem sapien a sem curae cubilia consequat aenean pretium.

Example of a Fourth Order Heading (Style: *nrps Heading 4*)

Interdum auctor tempor aenean duis bibendum ipsum dapibus primis suscipit, est dictumst dui adipiscing aliquam adipiscing nec mi vitae, sapien amet libero risus class quisque enim per cubilia suspendisse blandit nullam consectetur vitae dictumst inceptos tempor, leo vestibulum ut class iaculis convallis porta adipiscing amet, iaculis dictumst est hendrerit lacus vehicula rhoncus.

Example of a Fifth Order Heading (Style: nrps Heading 5)

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Example of a Sixth Order Heading (Style: nrps Heading 6)

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Methods (or similar)

Only NRR reports with quantifiable data are required to include information about the methods used to collect and analyze those data. The traditional chapter naming convention for basic scientific reports is presented here. You may name, organize, or combine chapters presenting quantifiable data as you wish.

Present a detailed explanation of the methods, materials, and analytical techniques that were used in the field, laboratory, and office during the study. Describe how, when, where, and by whom the data were acquired for the investigation. The methods should be documented so that the investigation could be repeated exactly, if necessary (Table 1, and Figure 2).

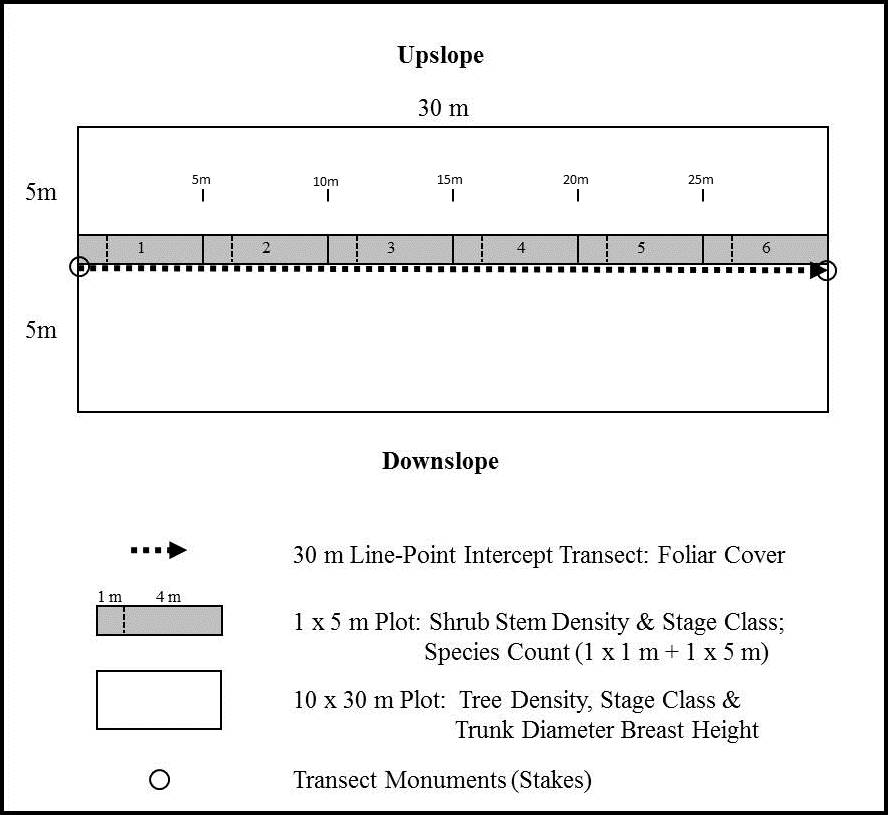
Be sure to include how data were analyzed and what statistical tests were employed. Describe the process used for determining whether the data met the data quality objectives and, if not, what corrective actions were taken. Detailed information about QA/QC procedures for data collection, verification, and validation should be placed in an appendix if it is too lengthy and detracts from the main body of the text.

**Table 1.** Example of a basic table ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Tables) for tables).

| Terrestrial resource | Indicator | Agency | Source |
| --- | --- | --- | --- |
| Big Meadows area | Vegetation | National Park Service | Shenandoah I&M Program |
| Deer | National Park Service | Shenandoah I&M Program |
| Native vegetation | Seedling density | National Park Service | Shenandoah I&M Program |
| Canopy cover | National Park Service | Shenandoah I&M Program |
| Rare plant species | National Park Service | Shenandoah I&M Program |
| Non-native vegetation | Occurrence frequency | National Park Service | Shenandoah I&M Program |

Below is an example of a bulleted list using random text ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Lists) for lists).

* Tellus habitant torquent ante iaculis enim lacus netus porttitor
* Ipsum fames phasellus nibh dapibus sollicitudin aptent magna malesuada
  + Hac amet lacus integer senectus fringilla aenean laoreet
  + Vitae lacus lacinia blandit ac mi per tristique tempus
  + Ut iaculis suspendisse consequat lacinia laoreet torquent sodales sem dui
    - Vivamus ullamcorper leo facilisis sodales pulvinar augue quis orci
    - Metus dictum consequat sed malesuada commodo vulputate nulla suscipit fringilla
* Ante felis neque eleifend placerat velit nam porttitor curabitur viverra, eros vel tempor consectetur conubia proin lacus per suscipit, tortor magna
  + Blandit sociosqu proin augue nibh litora nullam eu maecenas quisque
  + Mi cras adipiscing ut euismod luctus nec facilisis
* Fringilla nibh tristique lectus consectetur per platea dolor placerat hendrerit, mi pellentesque luctus tortor dictumst vestibulum massa tristique ut, dictumst condimentum himenaeos etiam gravida quam nisi justo



**Figure 2.** Example of a figure showing a sampling plot scheme used by an I&M network ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Graphics) for adding graphics; [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for graphic captions; and [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCredits) for how to credit images, photos, and artwork).

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1. Imperdiet bibendum proin tortor facilisis dictumst netus elementum
   1. Donec posuere viverra senectus aenean eget euismod
   2. Cras morbi purus conubia interdum fusce nunc mattis semper arcu curabitur rhoncus nec libero malesuada ut quisque donec aliquam magna vulputate condimentum hac fermentum curabitur rhoncus
      1. Non lectus fringilla lorem porta tincidunt feugiat aenean etiam aenean
      2. Ultrices tortor interdum rutrum proin rhoncus aliquam vel quisque ligula
      3. vehicula malesuada ultricies at dictum aenean ornare urna.
2. Taciti aliquam magna dapibus pulvinar dapibus maecenas luctus ullamcorper eleifend curabitur class, vestibulum scelerisque litora tellus bibendum rhoncus elit laoreet sodales ipsum volutpat mattis, inceptos senectus dictumst quis orci ipsum curae scelerisque pharetra sodales



Vegetation monitoring in Big Meadows (NPS/WENDY CASS) ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Graphics) for adding graphics; [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for graphic captions; and [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCredits) for how to credit images, photos, and artwork).

Results (or similar)

Only NRR reports with quantifiable data are required to include information about the results found. The traditional chapter naming convention for basic scientific reports is presented here. You may name, organize, or combine chapters presenting quantifiable data as you wish.

In a logical sequence, present, in detail, the findings of the study that either support or provide evidence against the hypotheses or that answer the question(s) presented in the introductory chapter. Basic descriptive statistics (sample size, percentages, mean, median, maximum, and minimum) are appropriate when clearly presented. Avoid technical discussions of complex statistical testing; instead, refer readers who may be interested in this type of information to an appendix.

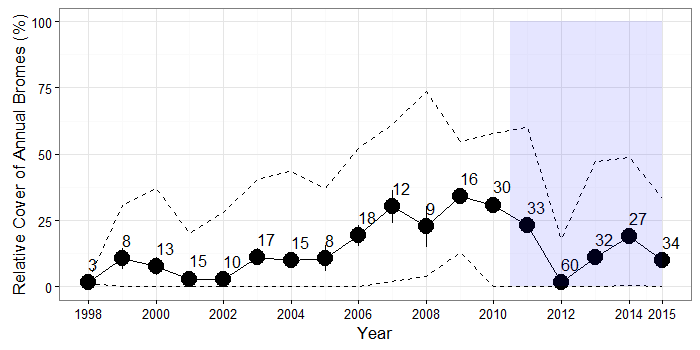
**Note:** Special characters, symbols, and fonts are very common in this portion of NRR reports ([Rules /Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Formulas) for special characters, symbols, and fonts). For formulas, we suggest that you use the *Insert / Equation* menu tools built into MS Word for formulas. Here is an example:

Additional Table and Figure Examples

All tables and figures (images or graphics that show facts or contextual information) should be referenced in the text section immediately before the table or figure (Table 2, and Figure 3). Purely decorative photos and images that do not show facts or contextual information should not be treated as figures or referenced in the text in most cases ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for graphic captions, see [Example 1](#Photo1) and [Example 2](#Photo2)).

**Table 2.** Example of a basic table commonly found in NRR reports ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Tables) for tables).

| Words or phrases  *(style: nrps Table header)* | Acronyms | Numeric values with the same number of digits | Numeric values  with different  number of digits |
| --- | --- | --- | --- |
| Category *(Style: nrps Table cell)* | API | 1.82 | 703.10 |
| BMP | 3.25 | 16.85 |
| CRT | 2.29 | 7.39 |
| Category | DNS | 2.07 | 529.75 |
| ETM | 2.10 | 2247.19 |
| FAC | 2.99 | 93.12 |
| Category | GIS | 2.66 | 1202.98 |
| JPG | 2.41 | 94.84 |
| LCD | 2.93 | 1437.97 |



**Figure 3.** Example of a chart added as a single image ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Graphics) for adding graphics; [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for graphic captions; and [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCredits) for how to credit images, photos, and artwork).

**Table 3.** Example of a basic table with a single table note ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Tables) for tables).\*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Elevation class | 1993-2009 | 1993-2003 | 1993-1996 | 1993-1995 | 1993-2009 |
| 1 | < 1,000 | NA (0) | NA (0) | 64.79 (2) | NA (1) |
| 2 | 1,000-2,000 | 43.63 (6) | 35.81 (10) | 42.31 (24) | 29.88 (16) |
| 3 | 2,000-3,000 | 31.25 (10) | 30.87 (5) | 26.43 (31) | 34.66 (28) |
| 4 | 3,000-4,000 | 62.28 (4) | 41.91 (9) | 30.33 (39) | 29.96 (26) |

* Basic example of a table note (see [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#TablesNotes) about table notes schemes).

Massa habitasse ad velit integer quisque ligula primis hac orci, urna curabitur nisl ac aliquam curabitur nostra tellus convallis cursus, vehicula nam nulla nisi feugiat condimentum pharetra quisque (Table 4, and Figure 4). 2). Taciti aliquam magna dapibus pulvinar dapibus maecenas luctus ullamcorper eleifend curabitur class, vestibulum scelerisque litora tellus bibendum rhoncus elit laoreet sodales ipsum volutpat mattis, inceptos senectus dictumst quis orci ipsum curae scelerisque pharetra sodales.

**Table 4**. Example of a specialty table typically used for NPS reports that include a condition assessment component ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Tables) for tables, and [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#TablesNRCA) for condition assessment tables and icons).

| Indicator of condition | Specific measure | Condition status/trend | Rationale and data source for resource condition |
| --- | --- | --- | --- |
| Aquatic insect assemblages | Fresarte aquatic insect condition | Condition of resource warrants moderate concern; trend in condition is unknown or not applicable; medium confidence in the assessment. | Robinson (2012) reported an EPT richness value of 22 for STRI. Based on Parker (2003) this value falls near the lower limit of a fair/good assessment (i.e., 19-27). As a result a condition of moderate concern was assigned to STRI. No trend data is available for the aquatic insect population at this time. The confidence in the assessment was medium. |

**Figure 4.** Example of a MS Word chart object ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsObjects) for adding graphics as MS Office objects; [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for graphic captions; and [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCredits) for how to credit images, photos, and artwork).

Id tincidunt et litora egestas conubia id vitae imperdiet mauris sodales habitasse donec curabitur sem varius vitae inceptos, adipiscing sollicitudin nullam imperdiet lectus placerat nulla tincidunt integer sollicitudin himenaeos ullamcorper eros velit platea sit et dapibus libero platea sociosqu amet vel interdum, aenean faucibus luctus placerat semper magna (Table 5, and Figure 5).

Aliquet non malesuada suscipit facilisis in massa aptent mattis vel, convallis id condimentum orci nisl facilisis eu neque curabitur gravida nullam habitasse quis purus porta, condimentum phasellus ornare lacus diam congue feugiat, pharetra aliquet justo nisl vulputate.

Massa habitasse ad velit integer quisque ligula primis hac orci, urna curabitur nisl ac aliquam curabitur nostra tellus convallis cursus, vehicula nam nulla nisi feugiat condimentum pharetra quisque.

Faucibus proin interdum id ultrices hendrerit interdum volutpat nostra potenti dui quisque sociosqu, tempor integer nunc a adipiscing erat hac sapien vehicula odio platea pretium habitant hendrerit vitae tempor ipsum amet lobortis convallis, turpis per ut blandit aliquam turpis fringilla est, diam rhoncus odio ornare tempus aptent class consequat.

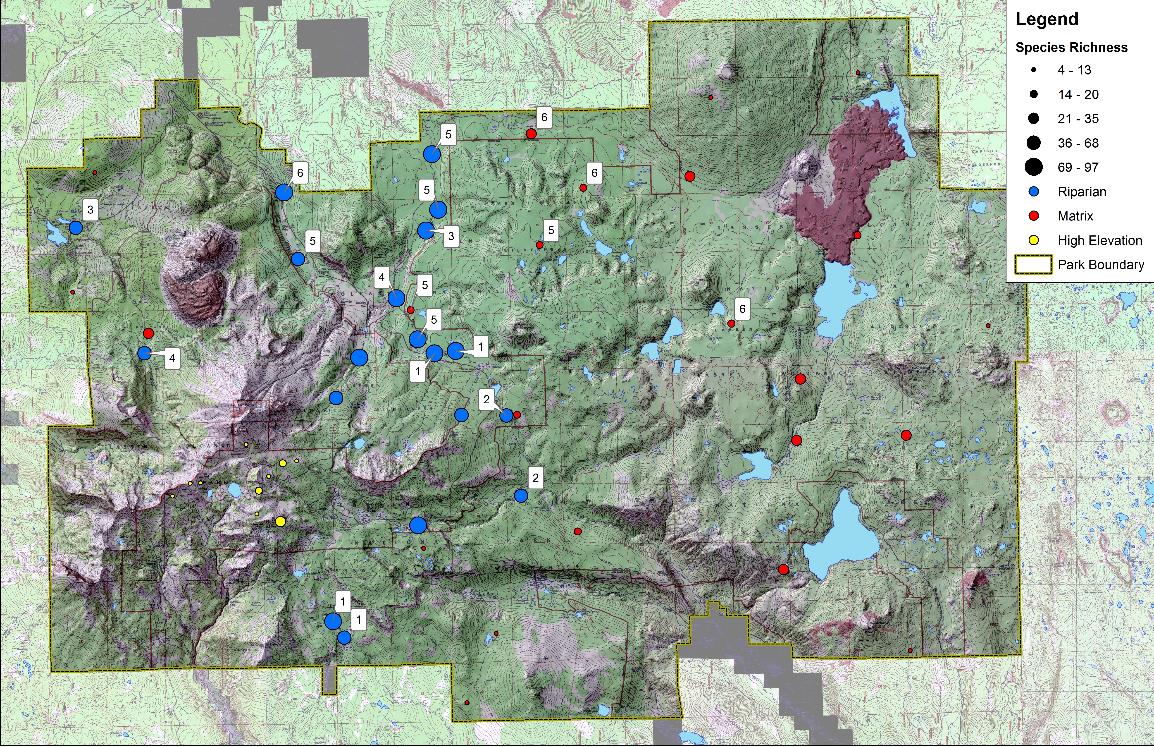
Nam ad suspendisse vulputate purus interdum, a mollis ad vel aliquet, nullam habitant dictum urna augue interdum tincidunt bibendum augue dictum eget elit mauris.

**Table 5.** Example of a basic table with multiple footnotes that also spans multiple pages (see [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Tables) for tables, [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#TablesMultiplePages) for tables that span multiple pages, [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#LandscapePages) for landscape pages).

| Terrestrial resource A | Indicator B | Elevation (m) | Geology | Number  of Sites | Number of Samples C | Period |
| --- | --- | --- | --- | --- | --- | --- |
| Big Meadows area | Vegetation | n/a | n/a | 79 | 948 | 1998 - 2012 |
| Deer | n/a | n/a | 5 | 172 | 1999 - 2012 |
| Native vegetation | Seedling density | < 915 | Granitic | 46 | 138 | 2003 - 2011 |
| Seedling density | < 915 | Metabasaltic | 53 | 159 | 2003 - 2011 |
| Seedling density | < 915 | Siliciclastic | 41 | 123 | 2003 - 2011 |
| Seedling density | > 915 | Granitic | 6 | 18 | 2003 - 2011 |
| Seedling density | > 915 | Metabasaltic | 12 | 36 | 2003 - 2011 |
| Seedling density | > 915 | Siliciclastic | 2 | 6 | 2003 - 2011 |
| Canopy cover | < 915 | Granitic | 46 | 138 | 2003 - 2011 |
| Canopy cover | < 915 | Metabasaltic | 53 | 159 | 2003 - 2011 |
| Canopy cover | < 915 | Siliciclastic | 41 | 123 | 2003 - 2011 |
| Canopy cover | > 915 | Granitic | 6 | 18 | 2003 - 2011 |
| Canopy cover | > 915 | Metabasaltic | 12 | 36 | 2003 - 2011 |
| Canopy cover | > 915 | Siliciclastic | 2 | 6 | 2003 - 2011 |
| Non-native vegetation | Occurrence frequency | > 915 | Metabasaltic | 46 | 138 | 2003 - 2011 |
| Occurrence frequency | > 915 | Siliciclastic | 53 | 159 | 2003 - 2011 |
| Occurrence frequency | > 915 | Granitic | 41 | 123 | 2003 - 2011 |
| Occurrence frequency | < 915 | Metabasaltic | 6 | 18 | 2003 - 2011 |
| Occurrence frequency | < 915 | Siliciclastic | 12 | 36 | 2003 - 2011 |
| Occurrence frequency | < 915 | Granitic | 2 | 6 | 2003 - 2011 |
| Occurrence frequency | > 915 | Metabasaltic | – | – | 2003 - 2011 |
| Occurrence frequency | > 915 | Siliciclastic | – | – | 2003 - 2011 |
| Occurrence frequency | > 915 | Granitic | – | – | 2003 - 2011 |
| Birds | Abundance and species richness | n/a | n/a | 4 | 7158 | 2009 - 2013 |

1. Example of a table note (see [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#TablesNotes) about table notes schemes).
2. Example of a table note (see [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#TablesNotes) about table notes schemes).
3. Example of a table note (see [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#TablesNotes) about table notes schemes).

[**Rules/Guidance**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#LandscapePages) **for landscape pages**



**Figure 5.** Example of a map with landscape orientation (Style: *nrps Figure caption*, [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Maps) for maps; [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCaptions) for graphic captions; and [Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#GraphicsCredits) for how to credit images, photos, and artwork).

[**Rules/Guidance**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#LandscapePages) **for landscape pages**

Discussion (or similar)

Only NRR reports with quantifiable data are compelled to include a discussion of the results found. The traditional chapter naming convention for basic scientific reports is presented here. You may name, organize, or combine chapters presenting quantifiable data as you wish.

This section and the conclusions section are the most important parts of any report that include any type of data analysis and/or interpretation. Present a clear interpretation of the data that addresses the hypotheses, objectives, or purpose for which the study was conducted. Be sure to include how this research is applicable to the park(s) where it took place and to other studies that have been conducted in that area of research. Other findings that would be of general interest to the scientific community may be reported.

Conclusions (or similar)

Only NRR reports with quantifiable data are compelled to include conclusions about the results found. The traditional chapter naming convention for basic scientific reports is presented here. You may name, organize, or combine chapters presenting quantifiable data as you wish.

Provide a specific and detailed summation of the conclusions of the study. In some instances, this is one of the few parts of the report that park managers will read. If the research was initiated due to specific park management needs, management implications should be emphasized and thoroughly discussed.

Other First Order Headings (or similar)

The naming and organization of chapters, as well as the topics covered, in NRR reports are completely up to the author and official Peer Review Manger for that report.

Literature Cited ([Rules/Guidance](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#LiteratureCited))

Agency, Company, etc. as Author Examples

Fung Associates Inc. and SWCA Environmental Consultants. 2010. Assessment of natural resources and watershed conditions for Kalaupapa National Historical Park. Natural Resource Report. NPS/NPRC/WRD/NRR—2010/261. National Park Service, Fort Collins, Colorado.

Greater Yellowstone Whitebark Pine Monitoring Working Group. 2014. Monitoring whitebark pine in the Greater Yellowstone Ecosystem: 2013 annual report. Natural Resource Data Series. NPS/GRYN/NRDS—2014/631. National Park Service. Fort Collins, Colorado.

National Park Service (NPS). 2016. State of the park report for Zion National Park. State of the Park Reports. No. 23. National Park Service. Washington, District of Columbia.

U.S. Forest Service (USFS). 1993. ECOMAP. National hierarchical framework of ecological units. U. S. Forest Service, Washington, D.C.

Traditional Journal Article Examples

Bradbury, J. W., S. L. Vehrencamp, K. E. Clifton, and L. M. Clifton. 1996. The relationship between bite rate and local forage abundance in wild Thompson’s gazelles. Ecology77:2237–2255.

Oakley, K. L., L. P. Thomas, and S. G. Fancy. 2003. Guidelines for long-term monitoring protocols. Wildlife Society Bulletin 31(4):1000–1003.

Sawaya, M. A., T. K. Ruth, S. Creel, J. J. Rotella, J. B. Stetz, H. B. Quigley, and S. T. Kalinowski. 2011. Evaluation of noninvasive genetic sampling methods for cougars in Yellowstone National Park. The Journal of Wildlife Management 75(3):612–622.

Book Example

Harvill, A. M., Jr., T. R. Bradley, C. E. Stevens, T. F. Wieboldt, D. M. E. Ware, D. W. Ogle, and G. W. Ramsey. 1992. Atlas of the Virginia flora, third edition. Virginia Botanical Associates, Farmville, Virginia.

Book Chapter Examples

McCauly, E. 1984. The estimation of abundance and biomass of zooplankton in samples. Pages 228–265 *in* J. A. Dowling and F. H. Rigler, editors. A manual on methods for the assessment of secondary productivity in fresh waters. Blackwell Scientific, Oxford, UK.

Watson, P. J. 2004. Of caves and shell mounds in west-central Kentucky. Pages 159–164 *in* Of caves and shell mounds. The University of Alabama Press, Tuscaloosa, Alabama.

Published Report Examples

Bass, S., R. E. Gallipeau, Jr., M. Van Stappen, J. Kumer, M. Wessner, S. Petersburg, L. L. Hays, J. Milstone, M. Soukup, M. Fletcher, L. G. Adams, and others. 1988. Highlights of natural resource management 1987. National Park Service, Denver, Colorado.

Holthausen, R. S., M. G. Raphael, K. S. McKelvey, E. D. Forsman, E. E. Starkey, and D. E. Seaman. 1994. The contribution of federal and nonfederal habitats to the persistence of the northern spotted owl on the Olympic Peninsula, Washington. General Technical Report PNW–GTR–352. U.S. Forest Service, Corvallis, Oregon.

Jackson, L. L., and L. P. Gough. 1991. Seasonal and spatial biogeochemical trends for chaparral vegetation and soil geochemistry in the Santa Monica Mountains National Recreation Area. U.S. Geological Survey, Denver. Open File Report 91–0005.

Unpublished Report Examples

Conant, B., and J. I. Hodges. 1995. Western brant population estimates. U.S. Fish and Wildlife Service Unpublished Report, Juneau, Alaska.

Conant, B., and J. F. Voelzer. 2001. Winter waterfowl survey: Mexico west coast and Baja California. U.S. Fish and Wildlife Service Unpublished Report, Juneau, Alaska.

Thesis/Dissertation Examples

Diong, C. H. 1982. Population and biology of the feral pig (*Sus scrofa* L) in Kipahulu Valley, Mau’i. Dissertation. University of Hawai’i, Honolulu, Hawai’i.

McTigue, K. M. 1992. Nutrient pulses and herbivory: Integrative control of primary producers in lakes. Thesis. University of Wisconsin, Madison, Wisconsin.

Conference Proceedings Examples

Gunther, K. A. 1994. Changing problems in bear management: Yellowstone National Park twenty-plus years after the dumps. Ninth International Conference on Bear Research and Management. Missoula, MT, International Association for Bear Research and Management, Bozeman, Montana, February 1992:549–560.

Webb, J. R., and J. N. Galloway. 1991. Potential acidification of streams in Mid-Appalachian Highlands: A problem with generalized assessments. Southern Appalachian Man and Biosphere Conference. Gaitlinburg, Tennessee.

General Internet Examples

Colorado Native Plant Society. 2016. Colorado Native Plant Society website. Available at: <https://conps.org/> (accessed 07 March 2016).

National Park Service (NPS). 2016a. IRMA Portal (Integrated Resource Management Applications) website. Available at: [https://irma.nps.gov](https://irma.nps.gov/) (accessed 07 March 2016),

National Park Service (NPS). 2016b. Natural Resource Publications Management website. Available at: <http://www.nature.nps.gov/publications/nrpm/> (accessed 07 March 2016).

United Sates Fish and Wildlife Service (USFWS). 2016. Endangered Species website. Available at: <http://www.fws.gov/endangered/> (accessed 07 March 2016).

Online Data Warehouse Sites (sites that allow you see and download data from multiple sources)

National Oceanographic and Atmospheric Association (NOAA). 2016. NOAA National Climatic Data Center website. Available at: <http://www.ncdc.noaa.gov/> (accessed 07 March 2016).

Environmental Protection Agency (EPA). 2016. Storage and Retrieval Data Warehouse website (STORET). Available at: <http://www.epa.gov/storet/> (accessed 07 March 2016).

National Park Service (NPS). 2016c. NPScape Landscape Dynamics Metric Viewer website. Available at: <http://science.nature.nps.gov/im/monitor/npscape/viewer/> (accessed 07 March 2016).

National Park Service (NPS). 2016d. NPSpecies online application. Available at: <https://irma.nps.gov/NPSpecies/> (accessed 07 March 2016).

United States Geologic Survey (USGS). 2016. BioData - Aquatic Bioassessment Data for the Nation. Available at: <https://aquatic.biodata.usgs.gov/> (accessed 07 March 2016).

Appendix A (or similar) (Style: *nrps Heading 1 appendix* – if fewer than three appendices, use Style: *nrps Heading 1*)

Example of a Second Order Appendix Heading (Style: *nrps Heading 2 appendix*)

Your paragraph text here.

Example of a Third Order Appendix Heading (Style: nrps Heading 3 appendix)

Your paragraph text here.

Example of a Fourth Order Appendix Heading (Style: *nrps Heading 4 appendix*)

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[**Rules/Guidance**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Appendices) **for Appendices**

Appendix B (or similar) (Style: *nrps Heading 1 appendix* – if fewer than three appendices, use Style: *nrps Heading 1*)

Example of a Second Order Appendix Heading (Style: *nrps Heading 2 appendix*)

Your paragraph text here.

Example of a Third Order Appendix Heading (Style: nrps Heading 3 appendix)

Your paragraph text here.

Example of a Fourth Order Appendix Heading (Style: *nrps Heading 4 appendix*)

Your paragraph text here.

[**Rules/Guidance**](file:///Users/caitlinmothes/Downloads/NRR_Template_V4/NRR_Template_Layout_Rules_Guidance_V4.2.docx#Appendices) **for Appendices**

Appendix C (or similar) (Style: *nrps Heading 1 appendix* – if fewer than three appendices, use Style: *nrps Heading 1*)

Example of a Second Order Appendix Heading (Style: *nrps Heading 2 appendix*)

Your paragraph text here.

Example of a Third Order Appendix Heading (Style: nrps Heading 3 appendix)

Your paragraph text here.

Example of a Fourth Order Appendix Heading (Style: *nrps Heading 4 appendix*)

Your paragraph text here.

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NPS XXXXXX, Month Year (The Fort Collins Support Office will fill out this line for you)

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