

The Project Gutenberg eBook of Seventeen Species of Bats Recorded from Barro Colorado Island, Panama Canal Zone, by E. Raymond Hall and William B. Jackson

This ebook is for the use of anyone anywhere in the United States and most other parts of the world at no cost and with almost no restrictions whatsoever. You may copy it, give it away or re-use it under the terms of the Project Gutenberg License included with this ebook or online at www.gutenberg.org. If you are not located in the United States, you'll have to check the laws of the country where you are located before using this eBook.

Title: Seventeen Species of Bats Recorded from Barro Colorado Island, Panama Canal Zone

Author: E. Raymond Hall

Author: William B. Jackson

Release Date: May 17, 2009 [EBook #28852]

Language: English

Credits: Produced by Chris Curnow, Joseph Cooper, Greg Bergquist and the Online Distributed Proofreading Team at <https://www.pgdp.net>

*** START OF THE PROJECT GUTENBERG EBOOK SEVENTEEN SPECIES OF BATS RECORDED FROM BARRO COLORADO ISLAND, PANAMA CANAL ZONE ***

Seventeen Species of Bats Recorded from Barro Colorado Island, Panama Canal Zone

[Pg 641]

BY

E. RAYMOND HALL and WILLIAM B. JACKSON

University of Kansas Publications
Museum of Natural History
Volume 5, No. 37, pp. 641-646
December 1, 1953

University of Kansas
LAWRENCE
1953

UNIVERSITY OF KANSAS PUBLICATIONS, MUSEUM OF NATURAL HISTORY

[Pg 642]

Editors: E. Raymond Hall, Chairman, A. Byron Leonard,
Robert W. Wilson

Volume 5, No. 37, pp. 641-646
December 1, 1953

UNIVERSITY OF KANSAS
Lawrence, Kansas

Seventeen Species of Bats Recorded from Barro Colorado Island, Panama Canal Zone

[Pg 643]

By
E. RAYMOND HALL and WILLIAM B. JACKSON

Our aim is to bring up to date the list of kinds of bats actually known from Barro Colorado Island, Panamá. In 1952 Samuel T. Dickenson, Marguerite Schultz, George P. Young, and E. Raymond Hall spent the first 17 days of April (except Mrs. Schultz who left on April 8) on Barro Colorado Island. On eight evenings a silk net, 30 feet long and 7 feet high with a $\frac{3}{4}$ -inch mesh, was stretched in an open place to intercept bats. On the first five nights it was stretched in the laboratory clearing. On April 6 the net was erected in the forest across the Barbara Lathrop Trail 25 feet past its entrance; on the 7th and 8th the net was placed across the Snyder-Molino Trail at the Termite Cemetery, 150 yards southwest of the new (built in 1952) laboratory.

William B. Jackson was on the island from January 30 to June 6, 1952, as a member of a group from the American Museum of Natural History. On May 4 he set the bat net across Allee Creek at the beginning of the Barbara Lathrop Trail, and from May 5 to 27 he set the net in the Termite Cemetery where it was mounted between two small trees with its lower edge approximately 5 feet above the ground. Unless otherwise stated, specimens were caught in this net.

On Barro Colorado Island one aim is to preserve the biota and natural conditions with as little interference from man as possible. Consequently most of the bats captured were released after being wing-banded by Jackson with U.S. Fish and Wildlife Service bat bands; but an attempt was made, with the permission of Mr. James Zetek, Resident Custodian of the Canal Zone Biological Area administered through the Smithsonian Institution, to save one or a few specimens of each species for positive identification. Catalogue numbers are of the University of Kansas, Museum of Natural History, unless otherwise indicated. We are obliged to Mr. Colin C. Sanborn and Mr. Robert J. Russell for checking our identifications of the specimens. Assistance with field work is acknowledged from the Kansas University Endowment Association, the United States Navy, Office of Naval Research, through contract No. NR-161-791, and Mr. James Zetek.

Six species of bats were recorded from Barro Colorado Island by Professor Robert K. Enders in his "Mammalian Life Histories from Barro Colorado Island, Panamá" (Bull. Mus. Comp. Zool., at Harvard College, 78: 383-502, 5 pls., October, 1935). With his list as a starting place we can offer a revised list as follows:

[Pg 644]

Saccopteryx bilineata (Temminck).—Nos. 45061, 45062, 45097, and 402 and 404 of Jackson. Nonpregnant female No. 45061 captured on April 3 weighed 7.0 grams; No. 45062 captured on April 4 contained one embryo 22 mm. long. It was common to see several bats of this species, not in a cluster but with a few inches of space between any one bat and its neighbors, on the vertical screens that covered the airways beneath the eaves of the buildings. A colony was established in Zetek House (a trail-end house on the western side of the Island), and several individuals often were seen in the Tower House. As many as 50 individuals could be found at the Van Tyne Big Tree (*Bombacopsis Fendleri*) where they hung singly in the shaded inter-buttruss spaces and on the exposed trunk sometimes up to a height of 100 feet. Occasionally several individuals would be seen in inter-buttruss spaces of large trees on other parts of the Island. These bats were more alert during the daylight hours than were most other kinds of bats and could be approached and captured only with considerable difficulty. From the various colonies 13 females and 3 males were banded.

Noctilio leporinus mexicanus Goldman.—Seen in Wheeler Estuary by Enders (*op. cit.*:416) who uses the subspecific name *N. l. leporinus*. Goodwin (Bull. Amer. Mus. Nat. Hist., 79:121, May 29, 1942) later used the subspecific name *N. l. mexicanus* for this species in Panamá.

Micronycteris megalotis microtis Miller.—Enders (*op. cit.*:417) obtained specimens of this species from the underside of a fallen log and in a hollow tree at marker No. 23 on the Pearson Trail.

Phyllostomus discolor discolor Wagner.—Taken from a hollow tree by Enders (*op. cit.*:417).

Glossophaga soricina leachii (Gray).—No. 45073, April 5.

Carollia perspicillata azteca Saussure.—No. 400 of Jackson taken at Allee Creek and Barbara Lathrop Trail and No. 52456 (410 of Jackson) at Termite Cemetery. These two nonpregnant females weighed 14.7 and 17.7 grams, respectively. Two (♂ and ♀), caught at Termite Cemetery were banded and released.

Carollia castanea H. Allen.—Males, 45080 and 45081, weighed 11.8 and 11.5 grams; at 9:30 P.M., on April 6, on Barbara Lathrop Trail. [Pg 645]

Vampyrops helleri Peters.—Male, No. 45095, in net on April 4; weighed 15 grams.

Vampyressa minuta Miller.—Lactating female, No. 45094, weighed 10.0 grams. At 10:30 A.M. at the outer end of the Armour Trail, Young and Hall had barely paused to listen to animal sounds when they saw this bat alight on a breast-high twig of a bush beneath large trees in the gloom of the forest. Possibly it had been disturbed when the zoologists a few seconds before had pushed aside bushes that partly obstructed the trail.

Vampyressa nymphaea Thomas.—Nonpregnant female No. 52455 (403 of Jackson) weighed 10.3 grams and was taken at the Termite Cemetery on May 8. So far as we know, this specimen provides the first record of occurrence in North America of this species which previously had been recorded only from South America.

Chiroderma isthmica Miller.—Male No. 45096, April 2; weighed 13.7 grams.

Vampyrodes major G.M. Allen.—Male No. 45085, weighed 33 grams. It and the one *Chiroderma isthmica* on the morning of April 2 constituted the total catch found in the net stretched in the open clearing between two cabins.

Artibeus lituratus palmarum J.A. Allen and Chapman.—Nonpregnant female No. 45086 taken on evening of April 7, weighed 68.0 grams. No. 401 of Jackson taken on May 6 weighed 53.5 grams and contained one embryo 12 mm. long; his No. 409 taken on May 10 weighed 53.7 grams and contained one embryo 15 mm. long.

Enders (*op. cit.*:418) took specimens of *Artibeus jamaicensis jamaicensis* in Panamá and possibly on Barro Colorado Island; he is not specific as to locality.

Artibeus cinereus watsoni Thomas.—Male No. 45087 on April 8; weight 13.6 grams. Ingles (*Jour. Mamm.*, 34:267, May, 1953) records the finding of as many as three of these bats on the Island in a "tent" that the bats had made of a frond of the palm, *Geonoma decurrens*.

Thyroptera tricolor albigula G.M. Allen.—On May 10 along the Snyder-Molino Trail 50 meters from its beginning Dr. E.R. Dunn found in a curled *Heliconia* leaf a group of four bats of this species. A lactating female (No. 405 of Jackson), a young male (No. 406 of Jackson) attached to its mother's teat, and a male (No. 407 of Jackson, now 52457 K.U.) weighed, respectively, 4.8, 2.2, and 4.0 grams. The young one remained attached to the mother when she flew about the laboratory. The fourth specimen, a male, was banded and released. These bats with the aid of suction cups on their wrists and ankles hung head up in the rolled leaf and on places in the laboratory on which they alighted. This species was previously recorded (see Enders, *op. cit.*:421) from Barro Colorado Island, on the basis of other specimens also captured by Professor Dunn. [Pg 646]

Myotis nigricans nigricans (Schinz).—Nos. 45089–45091 and No. 408 of Jackson. Nos. 45090 and 45091 were plucked from under the eaves of buildings, but No. 45089 was caught in the net on the evening of April 5. Jackson found this species to roost between the corrugations of the metal roof and the underlying wooden supports. He banded 14 individuals, most of which were pulled with forceps from their resting places in the old laboratory or the kitchen. All were males. Five were recaptured from one to 13 days after banding, and two were found in the places from which they originally had been plucked 13 days previously. Enders (*op. cit.*:421) found this species to be abundant about the laboratory where it spent the day hanging under the eaves.

Molossus coibensis J.A. Allen.—Males Nos. 45092 and 45093 weighed 13.9 and 10.0 grams. They were taken in the clearing on April 3 and 5. Enders (*op. cit.*:421) found this bat under the eaves of the laboratory along with *Myotis nigricans*.

On April 19, 1952, Dr. Harold Trapido kindly took Young, Dickenson, Hall, and Dr. and Mrs. E.R. Dunn to the Experimental Botanical Gardens at Summit in the Canal Zone where Nos. 45082–45084 of *Uroderma bilobatum* Peters were saved. On the same date Doctor Trapido took the five of us also to Chilibrillo Cave in Panamá 10 miles north of Pedro Miguel where specimens were saved as follows: *Saccopteryx bilineata* (Temminck), 45059 and 45060; *Phyllostomus hastatus panamensis* J.A. Allen, 45063–45072; *Lonchophylla robusta* Miller, 45074–45075; *Carollia perspicillata azteca* Saussure, 45076–45079; *Natalus mexicanus saturabus* Dalquest and Hall, 45088.

Transmitted July 20, 1953.

*** END OF THE PROJECT GUTENBERG EBOOK SEVENTEEN SPECIES OF BATS RECORDED
FROM BARRO COLORADO ISLAND, PANAMA CANAL ZONE ***

Updated editions will replace the previous one—the old editions will be renamed.

Creating the works from print editions not protected by U.S. copyright law means that no one owns a United States copyright in these works, so the Foundation (and you!) can copy and distribute it in the United States without permission and without paying copyright royalties. Special rules, set forth in the General Terms of Use part of this license, apply to copying and distributing Project Gutenberg™ electronic works to protect the PROJECT GUTENBERG™ concept and trademark. Project Gutenberg is a registered trademark, and may not be used if you charge for an eBook, except by following the terms of the trademark license, including paying royalties for use of the Project Gutenberg trademark. If you do not charge anything for copies of this eBook, complying with the trademark license is very easy. You may use this eBook for nearly any purpose such as creation of derivative works, reports, performances and research. Project Gutenberg eBooks may be modified and printed and given away—you may do practically ANYTHING in the United States with eBooks not protected by U.S. copyright law. Redistribution is subject to the trademark license, especially commercial redistribution.

START: FULL LICENSE

THE FULL PROJECT GUTENBERG LICENSE

PLEASE READ THIS BEFORE YOU DISTRIBUTE OR USE THIS WORK

To protect the Project Gutenberg™ mission of promoting the free distribution of electronic works, by using or distributing this work (or any other work associated in any way with the phrase “Project Gutenberg”), you agree to comply with all the terms of the Full Project Gutenberg™ License available with this file or online at www.gutenberg.org/license.

Section 1. General Terms of Use and Redistributing Project Gutenberg™ electronic works

1.A. By reading or using any part of this Project Gutenberg™ electronic work, you indicate that you have read, understand, agree to and accept all the terms of this license and intellectual property (trademark/copyright) agreement. If you do not agree to abide by all the terms of this agreement, you must cease using and return or destroy all copies of Project Gutenberg™ electronic works in your possession. If you paid a fee for obtaining a copy of or access to a Project Gutenberg™ electronic work and you do not agree to be bound by the terms of this agreement, you may obtain a refund from the person or entity to whom you paid the fee as set forth in paragraph 1.E.8.

1.B. “Project Gutenberg” is a registered trademark. It may only be used on or associated in any way with an electronic work by people who agree to be bound by the terms of this agreement. There are a few things that you can do with most Project Gutenberg™ electronic works even without complying with the full terms of this agreement. See paragraph 1.C below. There are a lot of things you can do with Project Gutenberg™ electronic works if you follow the terms of this agreement and help preserve free future access to Project Gutenberg™ electronic works. See paragraph 1.E below.

1.C. The Project Gutenberg Literary Archive Foundation (“the Foundation” or PGLAF), owns a compilation copyright in the collection of Project Gutenberg™ electronic works. Nearly all the individual works in the collection are in the public domain in the United States. If an individual work is unprotected by copyright law in the United States and you are located in the United States, we do not claim a right to prevent you from copying, distributing, performing, displaying or creating derivative works based on the work as long as all references to Project Gutenberg are removed. Of course, we hope that you will support the Project Gutenberg™ mission of promoting free access to electronic works by freely sharing Project Gutenberg™ works in compliance with the terms of this agreement for keeping the Project Gutenberg™ name associated with the work. You can easily comply with the terms of this agreement by keeping this work in the same format with its attached full Project Gutenberg™ License when you share it without charge with others.

1.D. The copyright laws of the place where you are located also govern what you can do with this work. Copyright laws in most countries are in a constant state of change. If you are outside the United States, check the laws of your country in addition to the terms of this agreement before downloading, copying, displaying, performing, distributing or creating derivative works based on this work or any other Project Gutenberg™ work. The Foundation makes no representations concerning the copyright status of any work in any country other than the United States.

1.E. Unless you have removed all references to Project Gutenberg:

1.E.1. The following sentence, with active links to, or other immediate access to, the full Project Gutenberg™ License must appear prominently whenever any copy of a Project Gutenberg™ work

(any work on which the phrase “Project Gutenberg” appears, or with which the phrase “Project Gutenberg” is associated) is accessed, displayed, performed, viewed, copied or distributed:

This eBook is for the use of anyone anywhere in the United States and most other parts of the world at no cost and with almost no restrictions whatsoever. You may copy it, give it away or re-use it under the terms of the Project Gutenberg License included with this eBook or online at www.gutenberg.org. If you are not located in the United States, you will have to check the laws of the country where you are located before using this eBook.

1.E.2. If an individual Project Gutenberg™ electronic work is derived from texts not protected by U.S. copyright law (does not contain a notice indicating that it is posted with permission of the copyright holder), the work can be copied and distributed to anyone in the United States without paying any fees or charges. If you are redistributing or providing access to a work with the phrase “Project Gutenberg” associated with or appearing on the work, you must comply either with the requirements of paragraphs 1.E.1 through 1.E.7 or obtain permission for the use of the work and the Project Gutenberg™ trademark as set forth in paragraphs 1.E.8 or 1.E.9.

1.E.3. If an individual Project Gutenberg™ electronic work is posted with the permission of the copyright holder, your use and distribution must comply with both paragraphs 1.E.1 through 1.E.7 and any additional terms imposed by the copyright holder. Additional terms will be linked to the Project Gutenberg™ License for all works posted with the permission of the copyright holder found at the beginning of this work.

1.E.4. Do not unlink or detach or remove the full Project Gutenberg™ License terms from this work, or any files containing a part of this work or any other work associated with Project Gutenberg™.

1.E.5. Do not copy, display, perform, distribute or redistribute this electronic work, or any part of this electronic work, without prominently displaying the sentence set forth in paragraph 1.E.1 with active links or immediate access to the full terms of the Project Gutenberg™ License.

1.E.6. You may convert to and distribute this work in any binary, compressed, marked up, nonproprietary or proprietary form, including any word processing or hypertext form. However, if you provide access to or distribute copies of a Project Gutenberg™ work in a format other than “Plain Vanilla ASCII” or other format used in the official version posted on the official Project Gutenberg™ website (www.gutenberg.org), you must, at no additional cost, fee or expense to the user, provide a copy, a means of exporting a copy, or a means of obtaining a copy upon request, of the work in its original “Plain Vanilla ASCII” or other form. Any alternate format must include the full Project Gutenberg™ License as specified in paragraph 1.E.1.

1.E.7. Do not charge a fee for access to, viewing, displaying, performing, copying or distributing any Project Gutenberg™ works unless you comply with paragraph 1.E.8 or 1.E.9.

1.E.8. You may charge a reasonable fee for copies of or providing access to or distributing Project Gutenberg™ electronic works provided that:

- You pay a royalty fee of 20% of the gross profits you derive from the use of Project Gutenberg™ works calculated using the method you already use to calculate your applicable taxes. The fee is owed to the owner of the Project Gutenberg™ trademark, but he has agreed to donate royalties under this paragraph to the Project Gutenberg Literary Archive Foundation. Royalty payments must be paid within 60 days following each date on which you prepare (or are legally required to prepare) your periodic tax returns. Royalty payments should be clearly marked as such and sent to the Project Gutenberg Literary Archive Foundation at the address specified in Section 4, “Information about donations to the Project Gutenberg Literary Archive Foundation.”
- You provide a full refund of any money paid by a user who notifies you in writing (or by e-mail) within 30 days of receipt that s/he does not agree to the terms of the full Project Gutenberg™ License. You must require such a user to return or destroy all copies of the works possessed in a physical medium and discontinue all use of and all access to other copies of Project Gutenberg™ works.
- You provide, in accordance with paragraph 1.F.3, a full refund of any money paid for a work or a replacement copy, if a defect in the electronic work is discovered and reported to you within 90 days of receipt of the work.
- You comply with all other terms of this agreement for free distribution of Project Gutenberg™ works.

1.E.9. If you wish to charge a fee or distribute a Project Gutenberg™ electronic work or group of works on different terms than are set forth in this agreement, you must obtain permission in writing from the Project Gutenberg Literary Archive Foundation, the manager of the Project Gutenberg™ trademark. Contact the Foundation as set forth in Section 3 below.

1.F.

1.F.1. Project Gutenberg volunteers and employees expend considerable effort to identify, do copyright research on, transcribe and proofread works not protected by U.S. copyright law in creating the Project Gutenberg™ collection. Despite these efforts, Project Gutenberg™ electronic

works, and the medium on which they may be stored, may contain "Defects," such as, but not limited to, incomplete, inaccurate or corrupt data, transcription errors, a copyright or other intellectual property infringement, a defective or damaged disk or other medium, a computer virus, or computer codes that damage or cannot be read by your equipment.

1.F.2. LIMITED WARRANTY, DISCLAIMER OF DAMAGES - Except for the "Right of Replacement or Refund" described in paragraph 1.F.3, the Project Gutenberg Literary Archive Foundation, the owner of the Project Gutenberg™ trademark, and any other party distributing a Project Gutenberg™ electronic work under this agreement, disclaim all liability to you for damages, costs and expenses, including legal fees. YOU AGREE THAT YOU HAVE NO REMEDIES FOR NEGLIGENCE, STRICT LIABILITY, BREACH OF WARRANTY OR BREACH OF CONTRACT EXCEPT THOSE PROVIDED IN PARAGRAPH 1.F.3. YOU AGREE THAT THE FOUNDATION, THE TRADEMARK OWNER, AND ANY DISTRIBUTOR UNDER THIS AGREEMENT WILL NOT BE LIABLE TO YOU FOR ACTUAL, DIRECT, INDIRECT, CONSEQUENTIAL, PUNITIVE OR INCIDENTAL DAMAGES EVEN IF YOU GIVE NOTICE OF THE POSSIBILITY OF SUCH DAMAGE.

1.F.3. LIMITED RIGHT OF REPLACEMENT OR REFUND - If you discover a defect in this electronic work within 90 days of receiving it, you can receive a refund of the money (if any) you paid for it by sending a written explanation to the person you received the work from. If you received the work on a physical medium, you must return the medium with your written explanation. The person or entity that provided you with the defective work may elect to provide a replacement copy in lieu of a refund. If you received the work electronically, the person or entity providing it to you may choose to give you a second opportunity to receive the work electronically in lieu of a refund. If the second copy is also defective, you may demand a refund in writing without further opportunities to fix the problem.

1.F.4. Except for the limited right of replacement or refund set forth in paragraph 1.F.3, this work is provided to you 'AS-IS', WITH NO OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE.

1.F.5. Some states do not allow disclaimers of certain implied warranties or the exclusion or limitation of certain types of damages. If any disclaimer or limitation set forth in this agreement violates the law of the state applicable to this agreement, the agreement shall be interpreted to make the maximum disclaimer or limitation permitted by the applicable state law. The invalidity or unenforceability of any provision of this agreement shall not void the remaining provisions.

1.F.6. INDEMNITY - You agree to indemnify and hold the Foundation, the trademark owner, any agent or employee of the Foundation, anyone providing copies of Project Gutenberg™ electronic works in accordance with this agreement, and any volunteers associated with the production, promotion and distribution of Project Gutenberg™ electronic works, harmless from all liability, costs and expenses, including legal fees, that arise directly or indirectly from any of the following which you do or cause to occur: (a) distribution of this or any Project Gutenberg™ work, (b) alteration, modification, or additions or deletions to any Project Gutenberg™ work, and (c) any Defect you cause.

Section 2. Information about the Mission of Project Gutenberg™

Project Gutenberg™ is synonymous with the free distribution of electronic works in formats readable by the widest variety of computers including obsolete, old, middle-aged and new computers. It exists because of the efforts of hundreds of volunteers and donations from people in all walks of life.

Volunteers and financial support to provide volunteers with the assistance they need are critical to reaching Project Gutenberg™'s goals and ensuring that the Project Gutenberg™ collection will remain freely available for generations to come. In 2001, the Project Gutenberg Literary Archive Foundation was created to provide a secure and permanent future for Project Gutenberg™ and future generations. To learn more about the Project Gutenberg Literary Archive Foundation and how your efforts and donations can help, see Sections 3 and 4 and the Foundation information page at www.gutenberg.org.

Section 3. Information about the Project Gutenberg Literary Archive Foundation

The Project Gutenberg Literary Archive Foundation is a non-profit 501(c)(3) educational corporation organized under the laws of the state of Mississippi and granted tax exempt status by the Internal Revenue Service. The Foundation's EIN or federal tax identification number is 64-6221541. Contributions to the Project Gutenberg Literary Archive Foundation are tax deductible to the full extent permitted by U.S. federal laws and your state's laws.

The Foundation's business office is located at 809 North 1500 West, Salt Lake City, UT 84116, (801) 596-1887. Email contact links and up to date contact information can be found at the Foundation's website and official page at www.gutenberg.org/contact

Section 4. Information about Donations to the Project Gutenberg Literary Archive Foundation

Project Gutenberg™ depends upon and cannot survive without widespread public support and donations to carry out its mission of increasing the number of public domain and licensed works that can be freely distributed in machine-readable form accessible by the widest array of equipment including outdated equipment. Many small donations (\$1 to \$5,000) are particularly important to maintaining tax exempt status with the IRS.

The Foundation is committed to complying with the laws regulating charities and charitable donations in all 50 states of the United States. Compliance requirements are not uniform and it takes a considerable effort, much paperwork and many fees to meet and keep up with these requirements. We do not solicit donations in locations where we have not received written confirmation of compliance. To SEND DONATIONS or determine the status of compliance for any particular state visit www.gutenberg.org/donate.

While we cannot and do not solicit contributions from states where we have not met the solicitation requirements, we know of no prohibition against accepting unsolicited donations from donors in such states who approach us with offers to donate.

International donations are gratefully accepted, but we cannot make any statements concerning tax treatment of donations received from outside the United States. U.S. laws alone swamp our small staff.

Please check the Project Gutenberg web pages for current donation methods and addresses. Donations are accepted in a number of other ways including checks, online payments and credit card donations. To donate, please visit: www.gutenberg.org/donate

Section 5. General Information About Project Gutenberg™ electronic works

Professor Michael S. Hart was the originator of the Project Gutenberg™ concept of a library of electronic works that could be freely shared with anyone. For forty years, he produced and distributed Project Gutenberg™ eBooks with only a loose network of volunteer support.

Project Gutenberg™ eBooks are often created from several printed editions, all of which are confirmed as not protected by copyright in the U.S. unless a copyright notice is included. Thus, we do not necessarily keep eBooks in compliance with any particular paper edition.

Most people start at our website which has the main PG search facility: www.gutenberg.org.

This website includes information about Project Gutenberg™, including how to make donations to the Project Gutenberg Literary Archive Foundation, how to help produce our new eBooks, and how to subscribe to our email newsletter to hear about new eBooks.