The Project Gutenberg eBook of Conspecificity of two pocket mice, Perognathus goldmani and P. artus, by E. Raymond Hall and Marilyn Bailey Ogilvie

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 reuse 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: Conspecificity of two pocket mice, Perognathus goldmani and P. artus

Author: E. Raymond Hall

Author: Marilyn Bailey Ogilvie

Release Date: February 11, 2010 [EBook #31249]

Language: English

Credits: Produced by Chris Curnow, Joseph Cooper, Diane Monico, and the Online Distributed

Proofreading Team at https://www.pgdp.net

*** START OF THE PROJECT GUTENBERG EBOOK CONSPECIFICITY OF TWO POCKET MICE, PEROGNATHUS GOLDMANI AND P. ARTUS ***

University of Kansas Publications Museum of Natural History

Volume 9, No. 18, pp. 513-518, 1 map January 14, 1960

Conspecificity of two pocket mice, Perognathus goldmani and P. artus

 \mathbf{BY}

E. RAYMOND HALL AND MARILYN BAILEY OGILVIE

University of Kansas Lawrence 1960

University of Kansas Publications, Museum of Natural History

Editors: E. Raymond Hall, Chairman, Henry S. Fitch, Robert W. Wilson

Volume 9, No. 18, pp. 513-518, 1 map Published January 14, 1960

> University of Kansas Lawrence, Kansas

PRINTED IN THE STATE PRINTING PLANT TOPEKA, KANSAS

[Pg 515]

Conspecificity of two pocket mice, Perognathus goldmani and P. artus

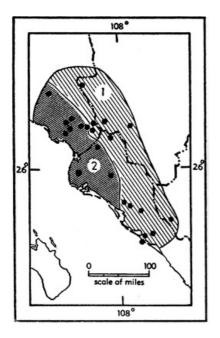
BY

E. RAYMOND HALL AND MARILYN BAILEY OGILVIE

Perognathus goldmani Osgood and Perognathus artus Osgood from southern Sonora, northern Sinaloa and adjoining parts of Chihuahua and Durango, are two named kinds of the Perognathus intermedius group of pocket mice, of the subgenus Chaetodipus. Until now the two kinds have been treated in the literature as two species. In both goldmani and artus the upper parts are Ochraceous-Buff (capitalized color terms after Ridgway, Color Standards and Color Nomenclature, Washington, D. C., 1912) having a strong admixture of black. The lateral line is Ochraceous-Buff, and the underparts are white. P. goldmani is larger than P. artus (see measurements beyond) and has more inflated tympanic bullae and a relatively narrower (transverse to long axis of skull) interparietal bone.

Specimens from a transect of southeastern Sonora show intergradation between *Perognathus goldmani* and *P. artus*. From northwest to southeast the specimens are as follows: one mile east of Buena Vista, on Río Yaqui Reservoir, 1000 feet (2 specimens, K. U.); Alamos, 1200 feet (7, U. S. B. S.); four and a half miles southeast of Alamos, 1000 feet (5, K. U.); nine miles southeast Alamos, 1000 feet (5, K. U.). The specimens (*P. goldmani*) from Río Yaqui Reservoir are largest. Those from nine miles southeast of Alamos (*P. artus*) are smallest. Those from Alamos proper are *P. goldmani*. Those from four and a half miles southeast of Alamos (80051-80055 K. U. collected by Robert L. Packard and here referred to *goldmani*) include two as large as *goldmani* from Alamos, one as small as *artus* from nine miles southeast of Alamos, and two that are intermediate in size. Features other than size, considered geographically, also suggest intergradation.

Six specimens (61409-61413, 61415 K. U. collected by J. R. Alcorn), including five adults (permanent fourth premolar of full height and having cusps worn but not so much as to make a lake of dentine), from four miles north of Terrero, Sinaloa, also seem to be intergrades between Perognathus goldmani and Perognathus artus. As compared with adults of P. goldmani from 10 miles north-northwest of Los Mochis, Sinaloa, and P. artus from one mile south of Pericos, Sinaloa, the specimens from four miles north of Terrero are almost exactly intermediate in length of hind foot, width of interparietal, and width of tympanic bullae. Intermediacy is shown also in total length of animal (slightly nearer that of artus) and length of tympanic bullae (slightly nearer that of *goldmani*). In lack of inflation laterally of the mastoidal bullae the specimens agree with artus. In occipitonasal length and mastoidal breadth the specimens from four miles north of Terrero average even larger than *goldmani* from 10 miles north-northwest of Los Mochis but not so large as specimens of goldmani from the type locality, which is still farther north. The uninflated mastoidal bullae "tip the balance" slightly in favor of artus to which the specimens from four miles north of Terrero are here referred. The degree of inflation of the mastoidal bullae elsewhere varies geographically. For example, the mastoidal bullae of the 25 specimens of goldmani from two and a half miles north of El Fuerte, Sinaloa, are intermediate in size as between those of goldmani and artus.



The morphological intermediacy of the specimens from four and a half miles southeast of Alamos and of those from four miles north of Terrero, along with the geographic intermediacy of the two localities where the specimens were obtained constitute basis for arranging *artus* as a subspecies of *goldmani* that has one page of priority.

[Pg 516]

Map 1. Geographic distribution of Perognathus goldmani. The black dots are known localities of occurrence.
1. P. g. artus
2. P. g. goldmani

Perognathus goldmani Osgood

Perognathus goldmani Osgood, N. Amer. Fauna, 18:54, September 20, 1900, type from Sinaloa, Sinaloa.

Range.—See map 1.

Measurements.—Average of five topotypes (Osgood, *op. cit.*:55): total length, 202; tail vertebrae, 112; hind foot, 28; occipitonasal length, 27.7; mastoidal breadth, 14.5; greatest width of interparietal, 7.4.

[Pg 517]

Records of occurrence (in each state the localities are listed from north to south). —Sinaloa: 2-1/2 mi. N El Fuerte, 25 K. U.; Sinaloa (Osgood, N. Amer. Fauna, 18:55, September 20, 1900); 10 mi. NNW Los Mochis, 18 K. U. Sonora: 1 mi. E Buena Vista, on Río Yaqui Reservoir, 1000 ft., 2 K. U.; Camoa, 7 (U. S. N. M.); Tesia (Burt, Miscl. Publ. Mus. Zool., Univ. Michigan, 39:46, February 15, 1938); Alamos, 7 (U. S. N. M.); 4-1/2 mi. SE Alamos, 1000 ft., 5 K. U.; Chinobampo (Burt, loc. cit.); 3 mi. NNW Bacarachi [= Bacavachi], 2 K. U.

Perognathus goldmani artus Osgood

Perognathus artus Osgood, N. Amer. Fauna, 18:55, September 20, 1900, type from Batopilas, Chihuahua.

Range.—See map 1.

Measurements.—Average of five adult topotypes (Osgood, *op. cit.*:55, 63): total length, 191; tail vertebrae, 106; hind foot, 24.6; occipitonasal length, 25.4; mastoidal breadth, 12.4; greatest width of interparietal, 7.1.

Remarks.—Considerable individual variation has been noted in each of several populations of Perognathus goldmani artus. For example, in 14 adults from Culiacán, Sinaloa, the variation is 25.0 to 27.9 in occipitonasal length and in mastoidal breadth is 12.6 to 14.0. Ten specimens (83122-83131 Univ. Mich.) labeled as from Carimechi, Río Mayo, Chi[huahua], were recorded by Burt and Hooper (Occas. Papers Mus. Zool., Univ. Michigan, 430:6, May 27, 1941) as from "near Carimechi." They identified the two largest (83130 and 83131) as Perognathus goldmani and the others as Perognathus artus. These identifications were reasonable in the light of knowledge available in 1941, but in the light of information presently available from the now more abundant material it is clear that all 10 of the specimens are P. g. artus. Examination (by Hall) of the specimens reveals that the differences relied upon by Burt and Hooper to differentiate the two species are well within the range of individual variation. For example, the variation (5.3 to 5.6 mm.) in width of the supraoccipital is less than in each of some other series of specimens of equal age of P. g. artus from other localities.

Also, there is geographic variation in the mice here assigned to the subspecies *P. g. artus*; skulls are smaller in the northern part of the geographic range and become gradually larger toward the south. In five adults from the northern part (Batopilas 3, and 26 mi. NE Choix 2) the mean of 12.6 of the mastoidal breadth of the skull is significantly smaller than the corresponding mean of 13.3 in 21 adults from the southern part (32 mi. SSE Culiacán 14, and El Dorado 7). The pelage of individuals from one and a half miles southwest of Tocuina is notably dark both above and below; the venter is dusky rather than white. We suppose that the darker color is a response to a dark-colored substrate—lava and soils derived from dark lava.

[Pg 518]

Records of occurrence (in each state the localities are listed from north to south). —Chihuahua: Carimechi, Río Mayo, 10 U. Mich.; 1-1/2 mi. SW Tocuina [Tocuina is a construction camp, in 1959, on NW bank of the Río Septentrión, and is not the Tacuina shown on some maps SE of that River], 10 K. U.; Batopilas, 6 U. S. N. M. Durango: Chacala (Osgood, N. Amer. Fauna, 18:55, September 20, 1900). Sinaloa: Rancho Rosalita, 26 mi. NE Choix, 3 K. U.; 4 mi. NE Terrero, 6 K. U.; 1 mi. S Pericos, 20 K. U.; 12 mi. N Culiacán, 29 K. U.; 32 mi. SSE Culiacán, 20 K. U.; 6 mi. N, 1/2 mi. E El Dorado, 41 K. U.; El Dorado, 2 K. U. Sonora: Río "Cuchahaque," 11.3 mi. E Alamos, 5 Univ. Arizona; 9 mi. SE Alamos, 1000 ft., 5 K. U.

We have not seen any specimens that are intergrades between *P. goldmani* and *Perognathus intermedius* (subspecies *intermedius* or *lithophilus*), nor between *P. goldmani* and *Perognathus nelsoni* (subspecies *nelsoni* or *canescens*), nor between *P. intermedius* and *P. nelsoni*. Collecting and studying specimens from geographically appropriate places to test for intergradation between these three species would be worthwhile as a means of improving our knowledge of the taxonomy of these mice.

We are obliged to J. R. Alcorn and William L. Cutter for collecting many of the specimens used by us, to the Watkins Fund of the Kansas University Endowment Association and to the American Heart Fund for financial assistance with collecting the specimens, to the National Science Foundation for financial assistance with study of the specimens in the Museum, to William H. Burt of the University of Michigan, and to Stanley P. Young, Richard P. Manville and Viola S. Schantz of the Biological Surveys Collection of the United States Fish and Wildlife Service for lending certain specimens.

Transmitted October 1, 1959.

28-1243

*** END OF THE PROJECT GUTENBERG EBOOK CONSPECIFICITY OF TWO POCKET MICE, PEROGNATHUS GOLDMANI AND P. ARTUS ***

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 GutenbergTM 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 GutenbergTM 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 GutenbergTM 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 GutenbergTM electronic works in your possession. If you paid a fee for obtaining a copy of or access to a Project GutenbergTM 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 GutenbergTM 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 GutenbergTM electronic works if you follow the terms of this agreement and help preserve free future access to Project GutenbergTM 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 $^{\text{TM}}$ 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 $^{\text{TM}}$ mission of promoting free access to electronic works by freely sharing Project Gutenberg $^{\text{TM}}$ works in compliance with the terms of this agreement for keeping the Project Gutenberg $^{\text{TM}}$ 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 $^{\text{TM}}$ 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 $^{\text{m}}$ 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 GutenbergTM License must appear prominently whenever any copy of a Project GutenbergTM 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 GutenbergTM 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 GutenbergTM 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 GutenbergTM License terms from this work, or any files containing a part of this work or any other work associated with Project GutenbergTM.
- 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 GutenbergTM 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 GutenbergTM work in a format other than "Plain Vanilla ASCII" or other format used in the official version posted on the official Project GutenbergTM 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 GutenbergTM 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 GutenbergTM 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^{$^{\text{TM}}$} 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^{$^{\text{TM}}$} 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^{TM} collection. Despite these efforts, Project Gutenberg^{TM} 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 GutenbergTM electronic works in accordance with this agreement, and any volunteers associated with the production, promotion and distribution of Project GutenbergTM 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 GutenbergTM work, (b) alteration, modification, or additions or deletions to any Project GutenbergTM work, and (c) any Defect you cause.

Section 2. Information about the Mission of Project Gutenberg™

Project Gutenberg $^{\text{TM}}$ 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^{TM} 's goals and ensuring that the Project Gutenberg^{TM} 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^{TM} 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 GutenbergTM 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^m concept of a library of electronic works that could be freely shared with anyone. For forty years, he produced and distributed Project Gutenberg^m eBooks with only a loose network of volunteer support.

Project GutenbergTM 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.qutenberg.org.

This website includes information about Project Gutenberg $^{\text{m}}$, 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.