

开放存取和北美机构库 HathiTrust & ScholarSphere

杨玉蓉—亚洲研究馆员
黄洁—特别编目馆员
宾夕法尼亚州立大学图书馆

2015年6月12日 成都

OUTLINE 大纲

- OPEN ACCESS (OA) 开放存取
- INSTITUTIONAL REPOSITORY (IR) 机构知识库
- HATHITRUST (HT)
- SCHOLARSPHERE (SS)
- CHALLENGES 发展与挑战

“开放存取”定义 OPEN ACCESS

- **Wikipedia's 定义**—“开放存取”意味着可无限制地在线访问经同行评审过的学术研究。主要目的是方便读者搜索、阅读学术期刊上发表的文章，但现在也为读者提供越来越多的论文、书籍章节和学术专著。
- **宾州立大学图书馆定义**—开放存取可以定义为一种出版或传播研究结果的模式。此模式限制或消除了读者在获取研究结果、期刊论文、会议论文、书籍或任何其他类型的学术文献及研究时所遇到的各种收费、许可规定以及其它障碍。

The Importance “开放存取”的重要性

○ To Academia: 学术界

对作者提高知名度、拥有更多的读者；对用户而言更容易获取各类出版作品、公共基金赞助的科研成果。

○ To Funding Agencies: 赞助机构

提高投资回报和能见度。

○ To Libraries: 图书馆

以更低的费用提供更多的信息。

○ To Publishers: 出版商

更加公开的经营模式，最终促成文章在线推销、加大能见度。

Discussion on OA at Penn State University Libraries

宾州立大学图书馆有关“开放存取” 的讨论

宾夕法尼亚州立大学图书馆专业馆员组织经过多次开会、讨论、反复修改，最终投票通过决议支持以“开放存取”途径出版发表自己的文章。馆员有权自主决定在哪里投稿出版，但图书馆鼓励作者尽量争取选择“开放存取”的出版物。

INSTITUTIONAL REPOSITORY

机构知识库

- 机构知识库是收集、保存和传播某机构—特别是研究性机构—知识成果的在线档案库。
- 以大学为基础的机构知识库是为其成员所创建的数字资料提供的一系列有关管理与传播的服务。

HATHITRUST

○ 2008 由美国中西部大学联盟（The Committee on Institutional Cooperation）与加州大学（University of California）等图书馆共同创建的数字资料库。

○ 使命、目标和特色

— 为搜集、整理、保存、交流、共享人类知识记录做贡献

— 建馆、途径、共建共享、降低成本

HATHITRUST—SERVICES 服务

- Preservation 保存(安全、可靠、长久)
- Access 获取(公众、成员)
- Searching 检索(编目、全文、其他)
- Copyright 版权(版权限制和公共领域)



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Subject

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Place of Publication

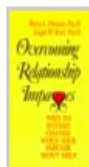
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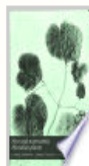
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by Duncan, Barry L. Rock, Joseph W.
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Published 1921[Catalog Record](#) [Limited \(search only\)](#)

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by Radlkofer, L. 1829-1927. Rock, Joseph Francis Charles, 1884-1962.
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BOTANICAL BULLETIN No. 1

SEPTEMBER, 1911

**TERRITORY OF HAWAII—
BOARD OF AGRICULTURE AND FORESTRY—
DIVISION OF FORESTRY**

New and Noteworthy Hawaiian Plants

BY

DR. L. RADLKOFFER,
Munich (Germany)

AND

J. F. ROCK

*From the Division of Forestry, Board of Agriculture and Forestry,
Honolulu, T. H.*



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very narrow, 2 cm long, free; calyx saccate, as long as the bracteoles, deeply and unevenly 2-3 cleft, lobes acuminate, many nerved, yellowish-green outside, with stellate hairs, glabrous inside; corolla convolute, curved, only the very apex slightly opening, not spreading as in *Hibiscus*, dependent on pedicells of 2-3 cm, petals erect 5-6 cm long, acute at the apex, oblique, oblong, deep magenta inside, grey with a stellate hispid tomentum on the exposed parts, especially on the prominent nerves; staminal column one-third longer than the petals, with numerous long filaments on nearly half its length, hispid at the base; style branches sub-erect 5 mm hispid; stigmas flesh-colored; capsule woody oblong 4-5 cm x 2-2.5 cm broadest at the base tapering towards the apex, rugose covered with stellate hispid hairs; the calyx and bracteoles deciduous in mature fruits, endocarp chartaceous shining glabrous; seeds large 7-10 mm reniform covered with a whitish grey wool.

The type material (No. 8773 Herbar. Board of Agriculture and Forestry, T. H.) was collected in April, 1911, in company with Mr. W. M. Giffard of Honolulu, who was the first to introduce many beautiful varieties of *Hibiscus* into the Territory and in whose honor the plant is named. Only one tree was found on the eastern slope of Mauna Loa at Puaulu on the land of Keauhou a few miles from Kilauea Volcano, at an elevation of 4300 feet, within the area of the proposed National Park.



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Radlkofer, L. (Ludwig), 1829-1927.

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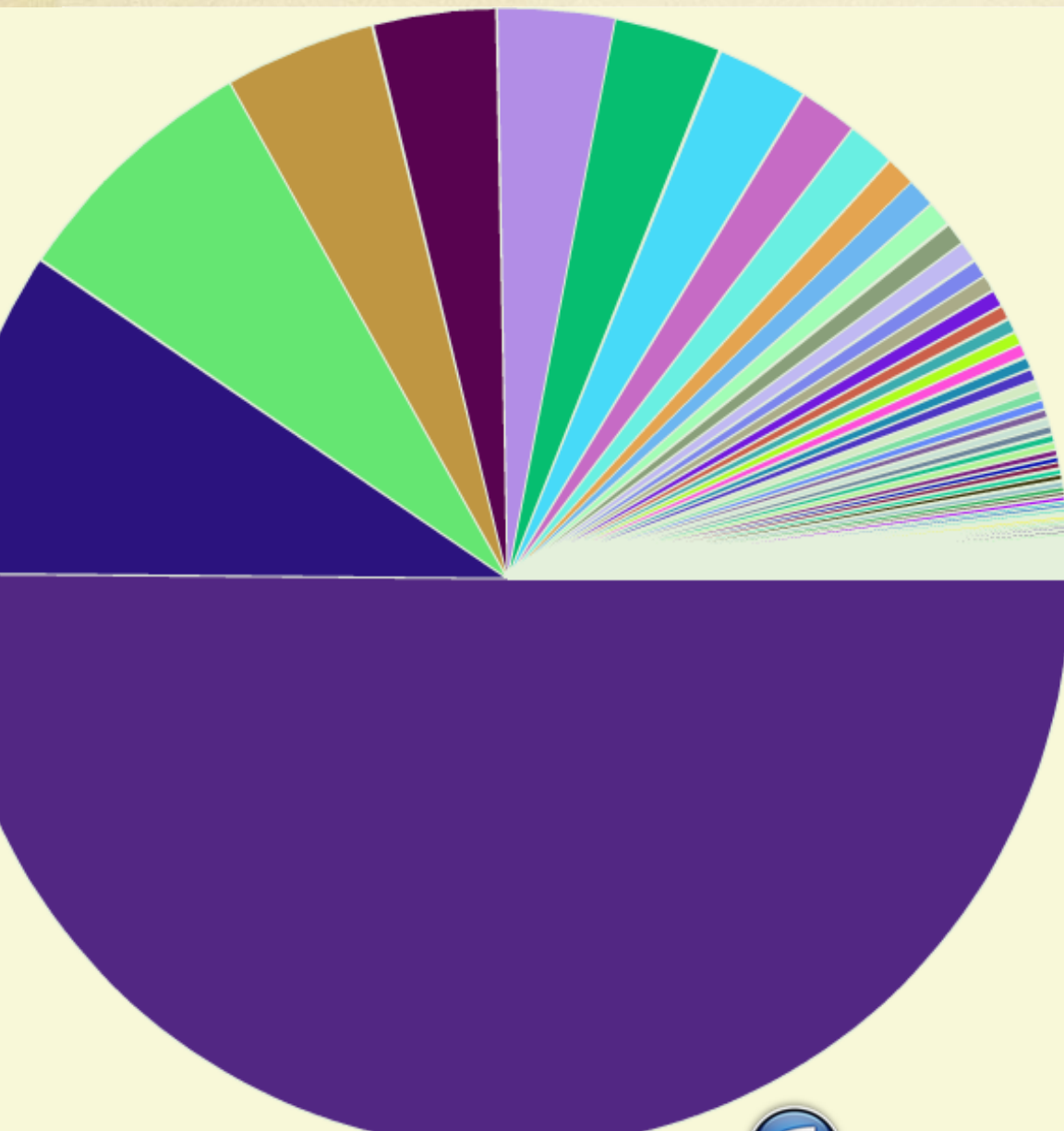
12

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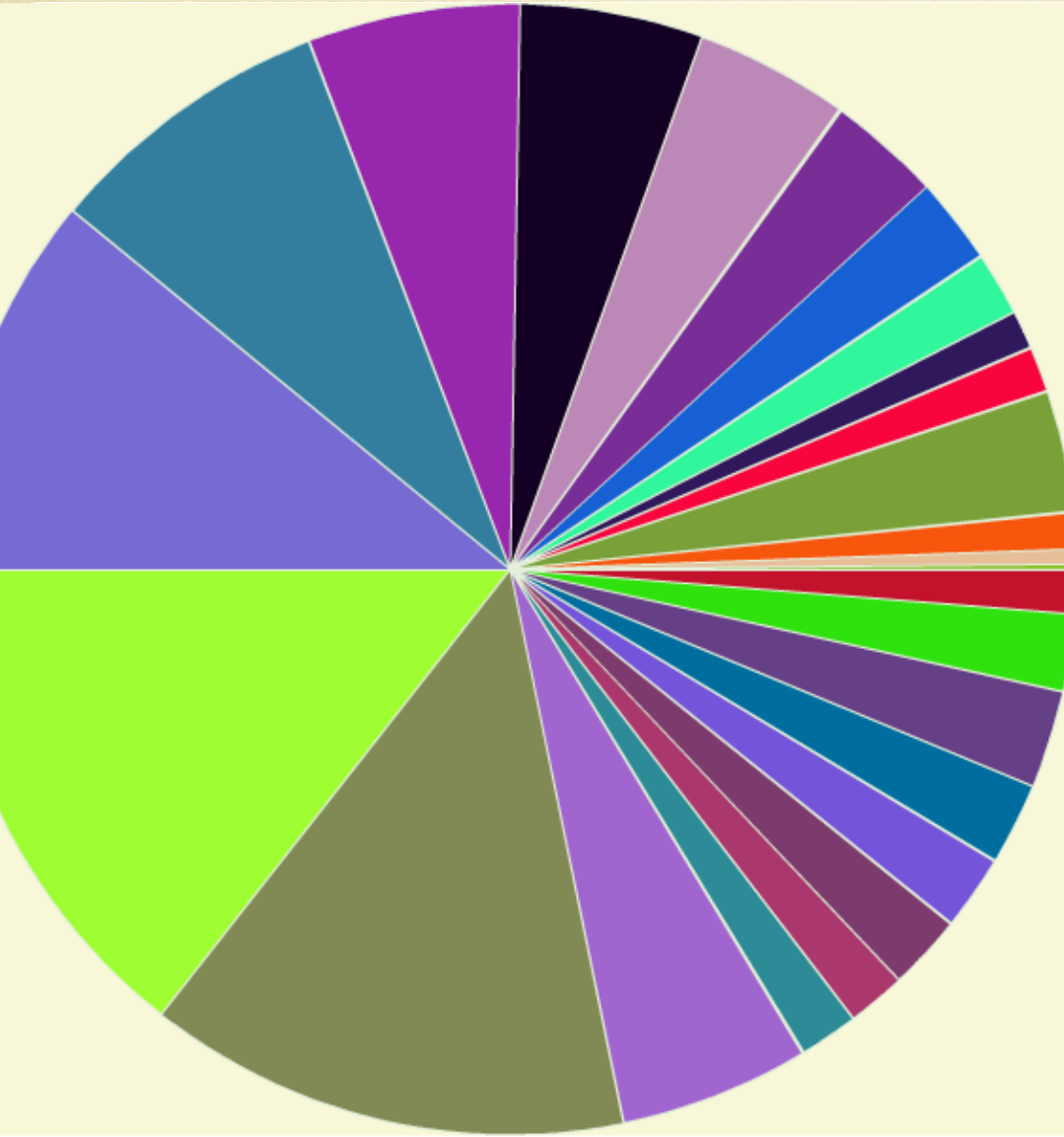
Hibiscadelphus Wilderianus Rock s. n.

HathiTrust-Languages



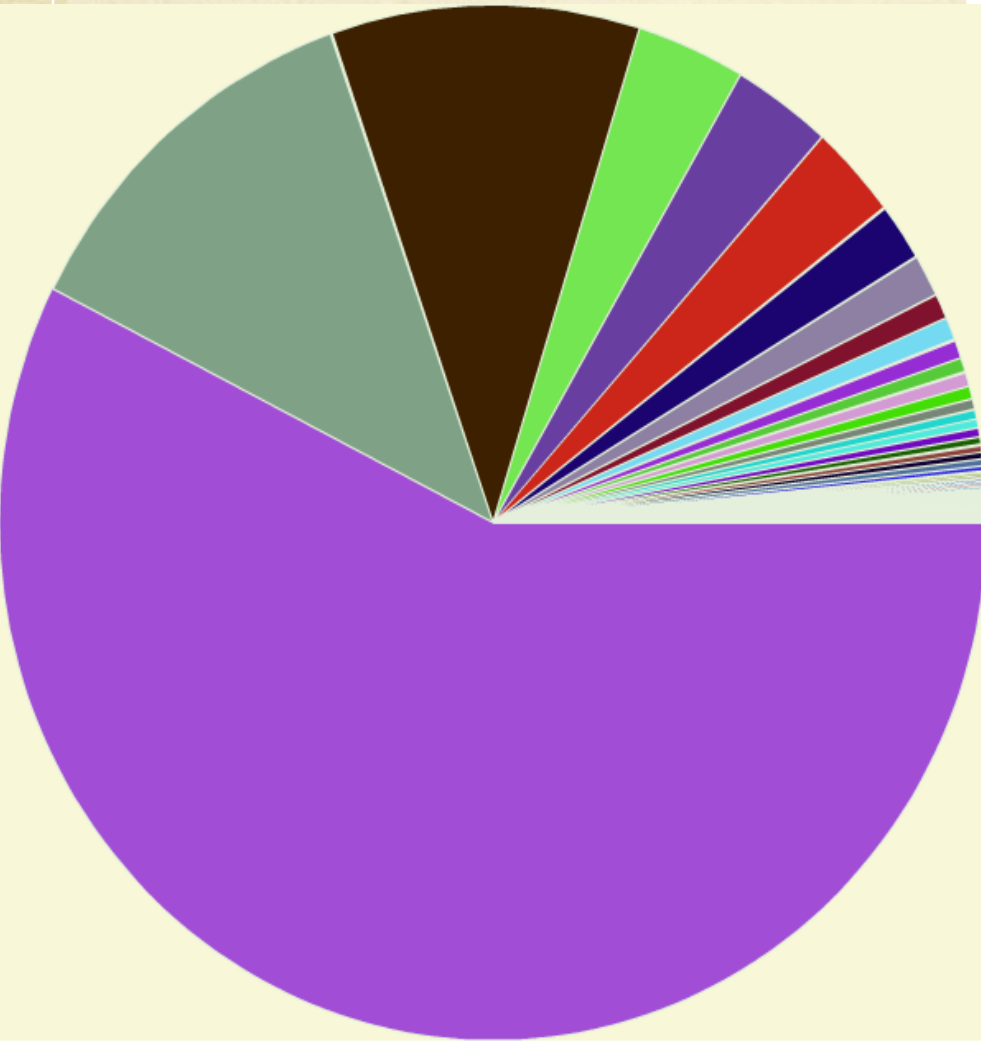
Language	Count	Percent
English	3,708,972	50.15
German	687,843	9.30
French	543,036	7.34
Spanish	321,376	4.35
Russian	260,497	3.52
Chinese	254,758	3.44
Japanese	228,261	3.09
Italian	194,430	2.63
Arabic	124,757	1.69
Latin	101,166	1.37
Portuguese	64,867	0.88
Polish	61,502	0.83
Dutch	53,248	0.72
Hebrew	48,338	0.65
Undetermined	43,989	0.59
Hindi	38,931	0.53
Swedish	35,870	0.49
Indonesian	34,762	0.47
Korean	31,027	0.42
Danish	29,673	0.40
Czech	29,177	0.39
Turkish	26,694	0.36
Thai	26,228	0.35
Urdu	25,913	0.35
Croatian	21,927	0.30
Hungarian	21,483	0.29

Public Domain-Dates



Date range	Count	Percent
<u>2000-2009</u>	31,037	1.31
<u>1990-1999</u>	52,365	2.20
<u>1980-1989</u>	66,784	2.81
<u>1970-1979</u>	55,552	2.34
<u>1960-1969</u>	51,204	2.15
<u>1950-1959</u>	50,971	2.14
<u>1940-1949</u>	39,935	1.68
<u>1930-1939</u>	40,466	1.70
<u>1920-1929</u>	129,021	5.43
<u>1910-1919</u>	328,014	13.80
<u>1900-1909</u>	342,834	14.43
<u>1890-1899</u>	259,884	10.94
<u>1880-1889</u>	196,790	8.28
<u>1870-1879</u>	144,788	6.09
<u>1860-1869</u>	124,382	5.23
<u>1850-1859</u>	104,477	4.40
<u>1840-1849</u>	77,151	3.25
<u>1830-1839</u>	58,879	2.48
<u>1820-1829</u>	43,699	1.84
<u>1810-1819</u>	26,041	1.10
<u>1800-1809</u>	30,695	1.29
<u>1700-1799</u>	82,160	3.46
<u>1600-1699</u>	25,432	1.07
<u>1500-1599</u>	10,153	0.43
<u>Pre-1500</u>	3,878	0.16

Public Domain-Languages



Language	Count	Percent
<u>English</u>	1,401,834	57.49
<u>German</u>	297,941	12.22
<u>French</u>	246,025	10.09
<u>Spanish</u>	87,702	3.60
<u>Latin</u>	79,615	3.27
<u>Italian</u>	71,644	2.94
<u>Japanese</u>	43,751	1.79
<u>Russian</u>	32,467	1.33
<u>Dutch</u>	19,089	0.78
<u>Chinese</u>	17,870	0.73
<u>Portuguese</u>	14,095	0.58
<u>Swedish</u>	11,202	0.46
<u>Danish</u>	10,963	0.45
<u>Hebrew</u>	10,053	0.41
<u>Greek, -Ancient-(to-1453)</u>	8,042	0.33
<u>Undetermined</u>	7,513	0.31
<u>Arabic</u>	6,914	0.28
<u>Polish</u>	6,886	0.28
<u>Hungarian</u>	5,879	0.24
<u>Czech</u>	5,435	0.22
<u>Greek, -Modern-(1453--)</u>	5,248	0.22
<u>Norwegian</u>	5,184	0.21
<u>Turkish, -Ottoman</u>	4,165	0.17
<u>Armenian</u>	2,509	0.10

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SCHOLARSPHERE

- 2008年在宾州立大学IT技术服务部门和图书馆的通力合作下，启动了一个“内容管理项目”（Content Stewardship Program）管理和分享数字化科研、学术资料。在该项目的基础上，学校于2012年推出宾州立大学图书馆的机构知识库ScholarSphere.
- ScholarSphere由作者驱动，作者同图书馆和IT共同管理。它提供了宾夕法尼亚州立大学作者所拥有的研究数据和学术资料。

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○ Content Policy（内容）

存储的内容为宾州立大学师生在学术研究方面所取得的各种数据和成果，包括期刊、数据资料、图片等。

○ Deposit Policy（储存）

所存储的内容必须是该作者或研究人员自己的工作或学术成果。

○ Preservation Support Policy（长久保存）

在存储文件过程中，数据、格式等同时保存下来。会定时检查文件的真实性、有无损坏和出现的其它变化；这种检查也可应要求而特定。

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○ 使用

使用者（作者）需拥有宾州立大学的用户名和密码。

○ 特色

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易于获取、保存、分享；

文档格式；

使用权项选择。

CHALLENGES 发展与挑战

- Increasing awareness of Open Access
加大公众认知
- Defining and maintaining scope of collection and metadata best practices
明确并保证最佳应用
- The complexities of intellectual property rights and copyright issues
知识产权、版权的复杂性
- Tenure and promotion requirements
职位终身制和职称晋级需求
- Technologies and software issues
技术和软件
- Preservation and sustainability
长久保存
- Budget and staffing
预算和人员配置

感谢！ THANK YOU!

Yurong Atwill, Asian Studies Librarian yya2@psu.edu

Jie Huang, Special Cataloging Librarian juh44@psu.edu

The Pennsylvania State University Libraries

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www.hathitrust.org ; <https://scholarsphere.psu.edu>