



ProQuest Science & Technology Collections

～ProQuest の Science/Technology 系全文データベースコレクション登場！～

2010年6月より、ProQuest は、Natural Science と Technology 分野において、それぞれの関連分野に焦点を当てたフルテキストコレクションの提供を開始しました。

定評のある CSA Illumina 二次情報データベースに、リサーチ活動を大幅に効率化する Deep Indexing*機能を搭載（追加料金なし）、及びフルテキストを合わせてご利用いただける付加価値の高いコレクションです。

ProQuest 社が提供するフルテキスト商品他、図書館が保有するフルテキスト商品へのリンクで、研究者は同領域の調査の幅をより一層広く、深く行うことが可能となります。

*Deep Indexing は、ProQuest 社独自の索引技術で、従来のデータベース検索では入手が困難だった学術論文中の価値ある画像データ（図や表、グラフ、写真、地図、数値データ等）の情報を引き出し、内容をサムネイルイメージ、キャプション、著書、情報源付きでご確認いただけます(P.3.参照)。

◆画面例◆

検索結果画面

Resistance of Russian and Italian Honey Bees (Hymenoptera: Apidae) to ...
[Chavez, Leticia M.; de Guzman, Lilia I.; Rinderer, Thomas E.](#)
Journal of Economic Entomology [J. Econ. Entomol.]. Vol. 102, no. 1, pp. 13-19. Feb ... (Hymenoptera: Apidae), the numbers of invading beetles, their *population* levels through ... inside the colonies were monitored. We found that the genotype of queens introduced into ...
[詳細表示](#) | [360 Link to Full Text](#)

□ 5. **On the Productive Value of Biodiversity**
[Chavas, Jean-Paul](#)
Environmental & Resource Economics [Environ. Resour. Econ.]. Vol. 42, no. 1, pp. 109-1 ...
 The paper investigates the value of biodiversity as it relates to the productive value of services p ...
 biodiversity is linked with a deterioration in the functioning of the ecosystem. The analysis exam ...

[詳細表示](#) | [1 Duplicate](#) | [フルテキストリンク](#) | [360 Link to Full Text](#)

□ 6. **Within-day variation in continuous hive weight data as a measure of honey bee colony**
[Meile, WG; Rector, BG; Mercadier, G; Holst, N](#)
Apidologie [Apidologie]. Vol. 39, no. 6, pp. 694-707. Nov-Dec 2008.
 Hourly weight data, from 4 honey bee hives placed on balances linked to dataloggers, were divi ...
 running average and (2) detrended weights, obtained by subtracting the running average from ra ...

[詳細表示](#) | [360 Link to Full Text](#)

□ 7. **Genetic diversity and population structure of *Trigona pagdeni* Schwarz in Thailand**
[Thunamajitsakul, S; Klinbunga, S; Smith, D; Sittiraneed, S](#)
Apidologie [Apidologie]. Vol. 39, no. 4, pp. 446-455. Jul-Aug 2008.
 Samples of the stingless bee *Trigona pagdeni* Schwarz were collected from north, northeast, s ...

検索結果から「詳細画面」をご覧頂くことも、「フルテキスト」をご覧頂くこともできます。

フルテキスト画面

これを引用
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Environ Resource Econ (2009) 42:109–131
 DOI 10.1007/s10640-008-9206-z

On the Productive Value of Biodiversity

Jean-Paul Chavas

Accepted: 27 February 2008 / Published online: 14 March 2008
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Abstract The paper investigates the value of biodiversity as it relates to the productive value of services provided by an ecosystem. The value of biodiversity is linked with a deterioration in the functioning of the ecosystem. The analysis examines how the value of an ecosystem can be "greater than the sum of its parts". First, we propose a general measure of the productive value of biodiversity. The measure involves an experiment that divides the ecosystem into sub-systems that are less diverse, keeping aggregate resources constant. Second, the value of biodiversity is decomposed into four components, reflecting the role of complementarity, scale, convexity, and catalytic effects. This provides new and useful information on the sources, determinants and dynamics of biodiversity value.

Keywords Biodiversity · Productive value · Complementarity · Scale · Convexity · Catalytic effect

JEL Classifications D6 · Q2 · Q5

詳細画面

Deep Indexing: Agriculture
 Productive Value of Biodiversity

著者 [Chavas, Jean-Paul](#)

著者の所属先 University of Wisconsin, Taylor Hall, Madison, WI, 53706, USA, jchavas@wisc.edu

情報源 Environmental & Resource Economics [Environ. Resour. Econ.]. Vol. 42, no. 1, pp. 109-131. Jan 2009.

Objects

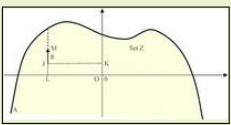
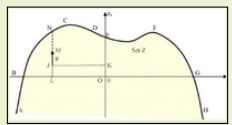





Figure 1. Figure 1. Figure 2. Figure 2.

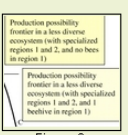


Figure 3.

抄録 The paper investigates the value of biodiversity as it relates to the productive value of services provided by an ecosystem. The analysis examines how the value of an ecosystem can be 'greater than the sum of its parts'. First, we propose a general measure of the productive value of biodiversity. The measure involves an experiment that divides the ecosystem into sub-systems that are less diverse, keeping aggregate resources constant. Second, the value of biodiversity is decomposed into four components, reflecting the role of complementarity, scale, convexity, and catalytic effects. This provides new and useful information on the sources, determinants and dynamics of biodiversity value.

◆Natural Science 分野一覧◆

(No.1 は No.2~No.7 の内容を全て含んでいます。)

No	コレクション名	索引・抄録	Deep Indexing	フルテキスト
1	ProQuest Natural Sciences Collection	All Natural Science A&I Database	Illustrata Natural Sciences	ProQuest Natural Science Journals
2	ProQuest Environmental Science Collection	Environmental Science & Pollution Management Database, Environmental Impact Statements :Index& Full Text	Deep Indexing : Environmental Science	ProQuest Environmental Science Journals
3	ProQuest Biological Science Collection	CSA Biological Science	Deep Indexing : Biological Science	ProQuest Biological Science Journals
4	ProQuest Earth Science Collection	GeoRef and Oceanic Abstracts	Deep Indexing : Earth Sciences	ProQuest Earth Science Journals
5	ProQuest Agricultural Science Collection	Agricola	Deep Indexing : Agriculture	ProQuest Agriculture Journals
6	ProQuest Aquatic Science Collection	ASFA: Aquatic Sciences & Fisheries Abstracts	Deep Indexing : Aquatic Science	ProQuest Aquatic Science Journals
7	ProQuest Atmospheric Science Collection	MGA :Meteorological & Geostrophysical Abstracts	Deep Indexing : Atmospheric Science	ProQuest Atmospheric Science Journals

◆Technology and Engineering 分野一覧◆

(No.8 は No.9~No.12 の内容を全て含んでいます。また No.10 は No.11 の内容を全て含んでいます。)

No	コレクション名	索引・抄録	Deep Indexing	フルテキスト
8	ProQuest Technology Collection	Technology Research Database	Deep Indexing : Technology	ProQuest Technology Journals
9	ProQuest Materials Science Collection	Materials Research Database with METADEX	Deep Indexing : Materials Science	ProQuest Materials Science Journals
10	ProQuest High Technology & Aerospace Collection	High Technology Research Database with Aerospace	Deep Indexing : HighTechnology & Aerospace	ProQuest High Technology & Aerospace Journals
11	ProQuest Computer Science Collection	Computer and Information Systems Abstracts	Deep Indexing : Computer Science	ProQuest Computer Science Journals
12	ProQuest Engineering Collection	Engineering Research Database	Deep Indexing : Engineering	ProQuest Engineering Journals
13	ProQuest Polymer Science	Polymer Library	Deep Indexing : Polymer Science	Polymer Science Journals

◆Deep Indexing の主な特徴◆ (Deep Indexing は全コレクションに搭載されている機能です。)

- ・画像 1 つに対して、平均 7~8 つの索引が付与されます。
- ・表、地図、写真、その他の数値などのデータを検索可能です。
- ・画像はキャプション、著者、情報源付きのイメージビューで閲覧することが可能です。
- ・画像データを軸に精読すべき必要文献の情報を効率的に探し出すことができます。

that ancestral Decorsas split into the limatulae and decorsae-neiba stocks in the more northern ancient terrain of Hispaniola. Subsequently, each of two ancestral lineages yielded at least two sister species. It is further postulated that there occurred two dispersal events that brought one species of each sister pair to more southern Hispaniola, limatula from the limatula-neiba lineage and neiba from the aladeoris-neiba lineage.

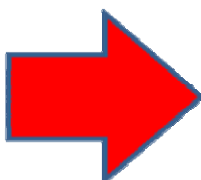
Descriptors
Article Subject Terms: ☐ New genera ☐ New species ☐ Evolution ☐ Islands ☐
Classification: ☐ Forests ☐ Reviews ☐ Dispersal

Article Taxonomic Terms: ☐ Limatula ☐ Cleridae ☐ Coleoptera

Object Descriptors
Object Subject Terms: ☐ Aedeagi ☐ Aedeagus ☐ Antenna ☐ Diolacata body ☐ Elytra ☐
Ellytral punctation ☐ Epiphloeinae evolution ☐ Labrum ☐ Latitude (?) ☐ Limatula ☐
Longitude (?) ☐ Madoniella discata ☐ Mandible ☐ Metathoracic wing ☐ Metendosternite ☐
Morphological characters ☐ Phyllus ☐ Pronotum ☐ Spicular fork ☐ Tegmen ☐
Terminal labial palps ☐ Terminal maxillary palps ☐

New Search Using Marked Terms: ☐ Use AND to narrow ☐ Use OR to broaden
☐ Add to Current Search ☐ Use AND to narrow ☐ Use OR to broaden

Publisher: American Museum of Natural History
Classification: Z 05310 Taxonomy, Morphology, Geography, and Fossils
DOI: 10.1206/599.1
Publication Type: Journal Article
Publication Year: 2000
ISSN: 0003-0082
Language: English
Subject: 10: Entomology Abstracts
Summary Language: English
Update: 200904
Accession Number: 8905099



Title: Classification, Natural History, and Evolution of Epiphloeinae (Coleoptera: Cleridae). Part V. Decorsia Opitz, a New Genus of Checkered Beetles from Hispaniola With Description of Its Four New Species

Author: Opitz, Weston

Affiliation: 1 Kansas Wesleyan University, Department of Biology, 100 East Claflin Avenue, Salina, KS 67401-6196; opitz@kpsu.edu

Source: American Museum Novitates: New York NY [Am. Mus. Novit.] Vol. 3620, no. 1, pp. 1-19. 12 Sep 2008.

Objects:

NEW!

ProQuest Original!
1つの画像に平均 7~8 つの索引を付与することで、必要データの入手を容易にしています。
※単なるイメージ検索ではありません。

Abstract: The new genus Decorsia Opitz, known only from the Dominican Republic, and its four new species are described: D. aladeoris, D. iviei, D. limatula, and D. neiba. Reduction of the seventh row of elytral punctations and filiform funicular antennomeres distinguish Decorsia specimens from other epiphloeines with aedeagus composed of 10 antennomeres. Aside from the

◆Deep Indexing レコードの閲覧方法◆

Published Works 3210 Tables & Figures 5920 Web Sites 3

すべての記事区分 3210 ジャーナル 2736 ビア・レビュー誌 2052 会議 1097 本 88

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並べ替え: 出版

検索結果一覧画面

1. [Simulation of tunnel response under spatially varying ground motion](#)
Park, D.; Sagong, M.; Kwak, D.-Y.; Jeong, C.-G.
Soil Dynamics and Earthquake Engineering [Soil Dyn. Earthquake Eng.], Vol. 29, no. 11-12, pp. 1417-1424. Nov-Dec 2009.
Various components including wave scattering, wave passage, and site amplification effects cause the ground motion to vary spatially. The spatially varying ground motion can significantly influence the dynamic response of longitudinal structures such as...

2. [Empirical equations for the prediction of the equivalent number of cycles of earthquake ground motion](#)
Stafford, P.J.; Bommer, J.J.
Soil Dynamics and Earthquake Engineering [Soil Dyn. Earthquake Eng.], Vol. 29, no. 11-12, pp. 1425-1436. Nov-Dec 2009.
Estimates of the number of cycles of ground motion expected from earthquake scenarios are required for the assessment of liquefaction hazard and the hazard of seismically induced landslides. There are currently very few equations available for the ...

3. [The effect of discontinuity frequency on ground vibrations produced from bench blasting: A case study](#)
Ak, H.; Konuk, A.
Mining Engineering Department, 26480 Eskisehir, Turkey; hak@ogu.edu.tr
Soil Dynamics and Earthquake Engineering [Soil Dyn. Earthquake Eng.], Vol. 28, no. 9, pp. 686-694. Sep 2008.

Objects:

Table 3.
Availability: Thumbnail Only
Caption: Blast vibration data recorded from Supren quarry [24]
Category: Table
Object Subject Terms: Bench blasting; Distance (m); Frequency (Hz); Particle velocity (mm/s)
Object Statistical Terms: Standard Deviation

抄録: A good number of empirical formulae and methods dealing with the analysis of the effects of blast-induced ground vibrations have been developed. The most common approach suggested for estimating the attenuation of particle velocity on the ground is to scale the distance (scaled distance, SDN). This approach makes it possible to

検索結果一覧に Deep Indexing により引き出された論文内の画像データがサムネイル表示されます。

画像の上にマウスをおくと、画像のキャプションと主題等を確認できます。

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