

Study Guide Questions for Hiroshima

Chapter 1: A Noiseless Flash

Mr./Rev. Tanimoto

1. What happened at 8:15, August 6, 1945?
2. What kind of raid did most Hiroshima residents expect?
3. Who/What is "Mr. B"?
4. What kept Rev. Tanimoto up the night before the bombing?
5. Why did police recently question Mr. Tanimoto?
6. How many planes were detected by radar that morning?
7. What was the first thing noticed when the bomb went off?
8. What protected Mr. Tanimoto from the blast?

Hatsuyo Nakamura

9. Why didn't Hatsuyo move the children when the new air warning went off?
10. What were all the able-bodied girls asked to do?
11. What was her neighbor doing to his home?
12. How did Hatsuyo's husband die?
13. How did Hatsuyo support herself and her children?

Dr. Masakazu Fujii

14. Why did Dr. Fujii get up early that morning?
15. Why are there extra beds in Japanese Hospitals?
16. What was Dr. Fujii's single doctor hospital built next to?
17. Why had Dr. Fujii been turning patients away recently?

Hiroshima Study Guide Questions Answers

Daniela Niemeyer



Hiroshima Study Guide Questions Answers:

Immerse yourself in the artistry of words with is expressive creation, Immerse Yourself in **Hiroshima Study Guide Questions Answers** . This ebook, presented in a PDF format (PDF Size: *), is a masterpiece that goes beyond conventional storytelling. Indulge your senses in prose, poetry, and knowledge. Download now to let the beauty of literature and artistry envelop your mind in a unique and expressive way.

https://staging.conocer.cide.edu/data/browse/fetch.php/fcenters_in_alkali_halides_lecture_notes_in_physics_vol_298.pdf

Table of Contents Hiroshima Study Guide Questions Answers

1. Understanding the eBook Hiroshima Study Guide Questions Answers
 - The Rise of Digital Reading Hiroshima Study Guide Questions Answers
 - Advantages of eBooks Over Traditional Books
2. Identifying Hiroshima Study Guide Questions Answers
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Hiroshima Study Guide Questions Answers
 - User-Friendly Interface
4. Exploring eBook Recommendations from Hiroshima Study Guide Questions Answers
 - Personalized Recommendations
 - Hiroshima Study Guide Questions Answers User Reviews and Ratings
 - Hiroshima Study Guide Questions Answers and Bestseller Lists
5. Accessing Hiroshima Study Guide Questions Answers Free and Paid eBooks
 - Hiroshima Study Guide Questions Answers Public Domain eBooks
 - Hiroshima Study Guide Questions Answers eBook Subscription Services
 - Hiroshima Study Guide Questions Answers Budget-Friendly Options

6. Navigating Hiroshima Study Guide Questions Answers eBook Formats
 - ePub, PDF, MOBI, and More
 - Hiroshima Study Guide Questions Answers Compatibility with Devices
 - Hiroshima Study Guide Questions Answers Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Hiroshima Study Guide Questions Answers
 - Highlighting and Note-Taking Hiroshima Study Guide Questions Answers
 - Interactive Elements Hiroshima Study Guide Questions Answers
8. Staying Engaged with Hiroshima Study Guide Questions Answers
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Hiroshima Study Guide Questions Answers
9. Balancing eBooks and Physical Books Hiroshima Study Guide Questions Answers
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Hiroshima Study Guide Questions Answers
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Hiroshima Study Guide Questions Answers
 - Setting Reading Goals Hiroshima Study Guide Questions Answers
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Hiroshima Study Guide Questions Answers
 - Fact-Checking eBook Content of Hiroshima Study Guide Questions Answers
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

- Interactive and Gamified eBooks

Hiroshima Study Guide Questions Answers Introduction

Hiroshima Study Guide Questions Answers Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Hiroshima Study Guide Questions Answers Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Hiroshima Study Guide Questions Answers : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Hiroshima Study Guide Questions Answers : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Hiroshima Study Guide Questions Answers Offers a diverse range of free eBooks across various genres. Hiroshima Study Guide Questions Answers Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Hiroshima Study Guide Questions Answers Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Hiroshima Study Guide Questions Answers, especially related to Hiroshima Study Guide Questions Answers, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Hiroshima Study Guide Questions Answers, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Hiroshima Study Guide Questions Answers books or magazines might include. Look for these in online stores or libraries. Remember that while Hiroshima Study Guide Questions Answers, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Hiroshima Study Guide Questions Answers eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Hiroshima Study Guide Questions Answers full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Hiroshima Study Guide Questions Answers eBooks, including some popular titles.

FAQs About Hiroshima Study Guide Questions Answers Books

1. Where can I buy Hiroshima Study Guide Questions Answers books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Hiroshima Study Guide Questions Answers book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Hiroshima Study Guide Questions Answers books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Hiroshima Study Guide Questions Answers audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Hiroshima Study Guide Questions Answers books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Hiroshima Study Guide Questions Answers :

~~centers in alkali halides lecture notes in physics vol 298~~

fat-burning foods and other weight-loss secrets

favorite rhymes from a rocket in my pocket

father was a tenor

fax power

~~favorite english japanese dictionary~~

fate worse than debt the world financial crisis and the poor

fatal furylegend of the hungry wolf

fear of physics a guide for the perplexed

father son and holy spirit toward a fully trinitarian theology

federal aviation regulations for 1987

~~federal court of canada a history 1875-1992~~

~~fasttrack lead singer songbook 1 level 1 for male/female voice cd/pkg~~

fat quarter friendly from fons and porters for the love of quilting magazine

favorite wildflowers of the great lakes and the northeastern us wildflowers paperback

Hiroshima Study Guide Questions Answers :

startup rising the entrepreneurial revolution rem pdf - Apr 30 2022

web jun 25 2023 startup rising the entrepreneurial revolution rem 1 8 downloaded from uniport edu ng on june 25 2023 by guest startup rising the entrepreneurial revolution rem as recognized adventure as without difficulty as experience just about lesson amusement as capably as harmony

startup rising the entrepreneurial revolution remaking the - Dec 07 2022

web startup rising the entrepreneurial revolution remaking the middle east hardcover schroeder christopher m author aug 13 2013 hardcover amazon com tr kitap

startup rising the entrepreneurial revolution rem pdf pdf - Feb 26 2022

web ana tur porcar 2017 09 15 this book connects entrepreneurship and psychology research by focusing on the personality dimensions of entrepreneurs entrepreneurial cognition entrepreneurial leadership and gender behavior it features state of the art interdisciplinary research offering a unified perspective on entrepreneurial psychology

startup rising the entrepreneurial revolution rem - Sep 04 2022

web apr 1 2023 we give startup rising the entrepreneurial revolution rem and numerous ebook collections from fictions to scientific research in any way in the midst of them is this startup rising the entrepreneurial revolution rem that can be your partner

startup rising the entrepreneurial revolution remaking the middle - Apr 11 2023

web aug 13 2013 christopher m schroeder is a leading us internet entrepreneur and venture investor his book startup rising the entrepreneurial revolution remaking the middle east is the first to explore tech based entrepreneurship in the region

startup rising the entrepreneurial revolution remaking the middle - Jul 14 2023

web aug 13 2013 startup rising the entrepreneurial revolution remaking the middle east schroeder christopher m andreessen marc andreessen marc on amazon com free shipping on qualifying offers startup rising the entrepreneurial revolution remaking the middle east

where to download startup rising the entrepreneurial revolution rem - Dec 27 2021

web aug 2 2023 as this startup rising the entrepreneurial revolution rem it ends in the works mammal one of the favored ebook startup rising the entrepreneurial revolution rem collections that we have this is why you remain in the best website to look the incredible ebook to have devdemo bsscommerce com powered by tcpdf tcpdf org

startup rising the entrepreneurial revolution remaking the middle - May 12 2023

web in startup rising he shares the stories of these entrepreneurs his own observations of this stealth revolution and what today s tech giants predict for the future includes bibliographical references and index

startup rising the entrepreneurial revolution remaking the - Jun 13 2023

web startup rising the entrepreneurial revolution remaking the middle east christopher m schroeder amazon com tr kitap

startup rising the entrepreneurial revolution remaking the - Oct 05 2022

web startup rising the entrepreneurial revolution remaking the middle east 23 947 likes 1 talking about this the first book on the remarkable entrepreneurs reinventing the middle east and how

sell buy or rent startup rising the entrepreneurial revolution rem - Aug 03 2022

web sell startup rising the entrepreneurial revolution remaking the middle east 0230342221 at booksrun ship for free and get fast cash back

startup rising the entrepreneurial revolution remaking the - Aug 15 2023

web aug 13 2013 startup rising the entrepreneurial revolution remaking the middle east startup rising presents a surprising look at the surge of entrepreneurship that accompanied the uprisings in the

startup rising the entrepreneurial revolution remaking the middle - Jan 08 2023

web startup rising the entrepreneurial revolution remaking the middle east item preview remove circle share or embed this item share to twitter share to facebook the new breed leap frog the ecosystem builders start up turn around the education of a new generation the new middle east women at the start up helm religion and

home startup rising - Mar 10 2023

web through vivid introductions to young entrepreneurs in the region and a compelling analysis of macro technology and economic trends startup rising brilliantly demonstrates that peace and prosperity is attainable for the region

startup rising the entrepreneurial revolution rem pdf - Mar 30 2022

web may 5 2023 we allow you this proper as with ease as easy mannerism to acquire those all we present startup rising the entrepreneurial revolution rem and numerous books collections from fictions to scientific research in any way in the middle of them is this startup rising the entrepreneurial revolution rem that can be your partner

startup rising the entrepreneurial revolution rem download - Jun 01 2022

web startup rising the entrepreneurial revolution rem yeah reviewing a books startup rising the entrepreneurial revolution rem could mount up your close links listings this is just one of the solutions for you to be successful as understood ability does not suggest that you have fabulous points

sell buy or rent startup rising the entrepreneurial revolution rem - Jul 02 2022

web sell startup rising the entrepreneurial revolution remaking the middle east 1137279443 at booksrun ship for free and get fast cash back

startup rising the entrepreneurial revolution rem - Jan 28 2022

web startup rising christopher m schroeder 2013 08 13 despite the world s elation at the arab spring shockingly little has changed politically in the middle east even frontliners egypt and tunisia continue to suffer repression fixed elections and bombings while syria descends into civil war but in the midst of it all a quieter revolution

startup rising the entrepreneurial revolution remaking the middle - Nov 06 2022

web startup rising the entrepreneurial revolution remaking the middle east schroeder christopher m andreessen marc amazon es libros

startup rising the entrepreneurial revolution remaking the middle - Feb 09 2023

web from today s historic civil wars in egypt and syria to protests raging in turkey turmoil in the middle east is making front page headlines every day but in the midst of it all a quieter revolution has begun to emerge one that might ultimately do more to change the face of the region the rise of entrepreneurs and social entrepreneurs

giridhar microwave communication uniport edu ng - Oct 05 2022

web apr 3 2023 giridhar microwave communication 1 1 downloaded from uniport edu ng on april 3 2023 by guest giridhar

microwave communication eventually you will

giridhar microwave communication - Dec 27 2021

web giridhar microwave communication author aaron bodenstein from orientation sutd edu sg subject giridhar microwave communication keywords

giridhar microwave communication uniport edu ng - Feb 26 2022

web may 19 2023 giridhar microwave communication 3 9 downloaded from uniport edu ng on may 19 2023 by guest photonics communication and signal processing

giridhar microwave communication help discoveram - Sep 04 2022

web jun 6 2023 giridhar microwave communication international journal of engineering and applied sciences is an international premier peer reviewed open access engineering

how to pronounce giridhar howtopronounce com - Jun 01 2022

web download radar lidar jammers pdf an active jammer broadcasts a strong microwave signal back to the police radar lidar in an attempt to alter or destroy the microwave

giridhar wikipedia - Jul 02 2022

web sep 9 2023 easy moderate difficult very difficult pronunciation of giridhar with 2 audio pronunciations 0 rating 0 rating record the pronunciation of this word in your own voice

giridhar microwave communication - Sep 23 2021

giridhar microwave communication help environment harvard edu - Jun 13 2023

web direct to download and install the giridhar microwave communication it is extremely easy then since currently we extend the member to buy and create bargains to

giridhar microwave communication - May 12 2023

web feb 23 2023 giridhar microwave communication is straightforward in our digital library an online access to it is set as public fittingly you can download it instantly our digital

giridhar microwave communication - Oct 25 2021

web giridhar microwave communication author jens westheimer from journal universitaskartini ac id subject giridhar microwave communication keywords

microwaves and radar by giridhar 16 microwaves and radar by - Mar 10 2023

web microwaves and radar by giridhar 16 microwaves and radar by giridhar 16 a review microwaves and radar are two important technologies that have many applications in

[how to pronounce giridhar in english howtosay co in](#) - Mar 30 2022

web giridhar microwave communication 1 6 downloaded from uniport edu ng on may 2 2023 by guest giridhar microwave communication recognizing the habit ways to acquire

[introduction giridhar microwave communication pdf](#) - Jul 14 2023

web giridhar microwave communication pdf introduction giridhar microwave communication pdf pdf title giridhar microwave communication pdf pdf

[giridharmicrowavecommunication pdf](#) - Apr 11 2023

web 2 giridhar is an indian given name and surname which means one who holds a mountain krishna was known by this name as a title after holding up govardhan hill notable

vishal giridhar linkedin - Aug 03 2022

web giridhar is an indian given name and surname which means one who holds a mountain krishna was known by this name as a title after holding up govardhan hill notable

[ebook giridhar microwave communication](#) - Aug 15 2023

web giridhar microwave communication 44th ieee vehicular technology conference dec 20 2020 proceedings of the international conference on paradigms of computing

giridhar microwave communication orientation sutd edu sg - Nov 25 2021

web giridhar microwave communication keywords microwave communication giridhar created date 4 22 2023 12 59 36 am

[giridhar microwave communication uniport edu ng](#) - Nov 06 2022

web feb 28 2023 giridhar microwave communication 2 6 downloaded from uniport edu ng on february 28 2023 by guest antennas and wave propagation a r harish 2007

[microwaves and radar by giridhar 16 fuyingtech](#) - Dec 07 2022

web may 17 2023 microwaves and radar by giridhar 16 microwaves and radar by giridhar 16 a review microwaves and radar are two important technologies that have many

giridhar microwave communication orientation sutd edu sg - Feb 09 2023

web giridhar microwave communication nas lemoore relocation guide mybaseguide phenol hypochlorite reaction for determination of ammonia ijeas international journal

[giridhar microwave communication orientation sutd edu sg](#) - Jan 08 2023

web giridhar microwave communication author helibert weinfeld from orientation sutd edu sg subject giridhar microwave communication keywords

microwave and radar by k giridhar thebookee net - Apr 30 2022

web check your pronunciation practice your pronunciation using our pronunciation tools for an enhanced experience we recommend using headphones and the google chrome

giridhar microwave communication uniport edu ng - Jan 28 2022

web giridhar microwave communication author reserve lasd org 2023 08 22 11 07 39 subject giridhar microwave communication keywords

hikikomori adolescence without end apa psycnet - Oct 05 2022

web hikikomori adolescence without end citation tamaki s 2013 hikikomori adolescence without end j angles trans university of minnesota press abstract

hikikomori adolescence without end google books - Jun 01 2022

web hikikomori adolescence without end tamaki saitō university of minnesota press 2013 social distance 192 pages

pdf hikikomori adolescence without end download - Mar 10 2023

web apr 14 2020 here is a quick description and cover image of book hikikomori adolescence without end written by tamaki saitō which was published in 1998 10 31 you can read this before hikikomori adolescence

hikikomori adolescence without end by saito tamaki goodreads - May 12 2023

web hikikomori adolescence without end saito tamaki jeffrey angles translation 3 63 232 ratings28 reviews

hikikomori adolescence without end taylor francis online - Sep 04 2022

web jul 21 2014 hikikomori adolescence without end asian studies review volume 38 2014 issue 3 focus on southeast asia malaysia singapore thailand 486 views 0 crossref citations to date 0 altmetric book reviews hikikomori adolescence without end enju norris pages 514 516 published online 21 jul 2014 download citation

hikikomori adolescence without end by saito tamaki - Mar 30 2022

web the hikikomori are a portion of the japanese population who withdraw into their homes these are mostly young people between the ages of 15 and 35 and mostly young men the focus of this article is how hikikomori constitute a challenge to dominant national imaginaries of japan as a corporate family system

hikikomori adolescence without end amazon com - Nov 06 2022

web mar 20 2013 hikikomori adolescence without end paperback illustrated march 20 2013 by saito tamaki author jeffrey angles translator 4 5 4 5 out of 5 stars 49 ratings

[hikikomori adolescence without end paperback amazon ca](#) - Dec 27 2021

web mar 20 2013 the social phenomenon that is hikikomori has grown to around one million people since this book was first published in 1998 the book itself is divided into two sections the first analysing and describing all the aspects of the phenomenon and explaining in layman s terms what hikikomori actually is and the second section goes

book review hikikomori adolescence without end - Jul 02 2022

web dec 6 2013 hikikomori adolescence without end trans jeffrey angles minneapolis university of minnesota press 2013
amy borovoy the phenomenon of hikikomori in which japanese teenagers and young adults withdraw into their homes or their rooms limiting contact with outsiders for six months or more is in many ways mysterious

hikikomori adolescence without end springerlink - Apr 11 2023

web jul 1 2014 hikikomori adolescence without end is the english translation of a book that became a best seller when it was published in japan in 1998 raising public awareness of the social problem of withdrawal that is estimated to involve hundreds of thousands of mostly male japanese adolescents and young adults

hikikomori university of minnesota press - Jul 14 2023

web hikikomori adolescence without end is the story of real people and there are 700 000 of them in japan only a little short of 1 per cent of its entire population hikikomori provides a unique insight into the japanese psyche how the japanese perceive family school adolescence adulthood gender and society

hikikomori adolescence without end shakaiteki hikikomori - Aug 15 2023

web oct 30 2014 hikikomori adolescence without end is a long awaited translation of psychiatrist saitō tamaki s 1998 publication shakaiteki hikikomori owaranai shishunki which later became a best seller in what is now considered a classic work on hikikomori saitō coins the term shakaiteki hikikomori social withdrawal and attempts at providing

hikikomori adolescence without end open library - Feb 26 2022

web mar 20 2013 social isolation stress in youth social distance japan social conditions stress in adolescence showing 1 featured edition view all 1 editions edition availability 1 hikikomori adolescence without end mar 20 2013 univ of minnesota press 081665459x 9780816654598

hikikomori adolescence without end by tamaki saito - Apr 30 2022

web feb 28 2013 tamaki saitō s book is also about people who are locked away from society the only difference is that hikikomori adolescence without end is the story of real people and there are 700 000 of them in japan only

pdf hikikomori adolescence without end researchgate - Dec 07 2022

web sep 1 2014 pdf on sep 1 2014 stephen murphy shigematsu published hikikomori adolescence without end find read and cite all the research you need on researchgate

hikikomori adolescence without end shakaiteki hikikomori - Jan 28 2022

web jan 17 2014 the nine item internet gaming disorder scale short form igds sf9 and the hikikomori social withdrawal scale were administered to dimensionally assess igd and hikikomori respectively

hikikomori adolescence without end springer - Feb 09 2023

web hikikomori adolescence without end is the english translation of a book that became a best seller when it was published in japan in 1998 raising public awareness of the social problem of withdrawal that is estimated to involve hundreds of thousands of mostly male japanese adolescents and young adults

[hikikomori adolescence without end springerlink](#) - Jun 13 2023

web jul 2 2015 this is the first english translation of tamaki saitō s groundbreaking 1998 book that popularized the term hikikomori in japan by raising questions about and proposing answers to what seemed to be a new and perhaps uniquely japanese affliction

hikikomori adolescence without end archive org - Jan 08 2023

web shakaiteki hikikomori english hikikomori adolescence without end saitō tamaki translated by jeffrey angles first published in japan in 1998 by php institute inc as shakaiteki hikikomori owaranai shishunki includes bibliographical references and index isbn 978 0 8166 5458 1 hc alk paper isbn 978 0 8166 5459 8 pb alk

[hikikomori adolescence without end o springer](#) - Aug 03 2022

web hikikomori adolescence without end saitō tamaki translated by jeffrey angles university of minnesota press minneapolis 2013 208 pp 19 95 paper isbn 978 0816654598 psychoanalysis culture society 2015 20 424 426 doi 10 1057 pcs 2015 34 published online 2 july 2015