

Issue #80 (2026)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS chair.....	3
Elizabeth A. Weldon	
3. Annual Report 2025.....	4
4. Henderson's Harangue #16.....	13
Charles M. Henderson	
5. Use and misuse of the terms Wolfcamp and Wolfcampian in Permian lithostratigraphy and chronostratigraphy.....	16
Spencer G. Lucas	
6. What about the European Permian regional stages Autunian, Saxonian and Thuringian? a new view on an old problem.....	20
Joerg W. Schneider, Sebastian Voigt	
7. The Umm Irna Formation in the Dead Sea Region (Jordan) is Permian, not Triassic!.....	28
Hans Kerp	
8. Large language models for palynomorph and brachiopod identification.....	29
Michael H. Stephenson, Alessandro Carniti, Jiaxi Yang	
9. High-Resolution calibration of Cisuralian volcanic-sedimentary deposits in the Southern Alps: advances from CALDERA project in 2025.....	33
Iván R. Barreiro, Dawid Szymanowski, Lorenzo Tavazzani, María P. Marroquín Gómez, Amalia Spina, Evelyn Kustatscher	
10. Report of paleontological fieldwork in the Permian units of Mongolia, September 2025.....	36
Alessandro P. Carniti, Yaofeng Cai, Jiao Shenling, Lukang Tang, Haipeng Xu, Uugantsetseg Byambajav, Ariunchimeg Yarinpil, Murun Bat-Orgil, Hua Zhang	
11. STRATI 2026 news.....	39
12. Call for Applications – SPS Travel Grants to STRATI 2026 (China)	39
13. SUBMISSION GUIDELINES FOR ISSUE 81.....	40

Issue #79 (2025)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS chair.....	3
Elizabeth A. Weldon	
3. Henderson's Harangue #15.....	6
Charles M. Henderson	
4. Stratigraphic overlap of the Lower Permian Bursum Formation and Hueco Group in southern New Mexico, USA.....	7
Spencer G. Lucas, , Karl Krainer	
5. Palaeotemperature and palaeoprecipitation modelling in Earth Explorer: a useful aid for Permian stratigraphers and palaeontologists.....	11
Michael H. Stephenson	
7. New excavations at the extraordinary 290 Ma-old Bromacker fossil lagerstätte (Tambach Formation, Germany): when cutting-edge research meets science communication.....	14
Lorenzo Marchetti, Sophie König, Steffen Bock, Mauro Alivernini	
8. Mid-Artinskian (early Leonardian) fusulinids and conodonts from the upper part of the “Wolfcamp Shale” in Crockett County, Texas, with subsurface correlations from the Midland Basin.....	25
Michael T. Read	
9. The genus <i>Nuskoisporites</i> revisited: new information on its stratigraphic and paleogeographic range.....	32
Iván R. Barreiro, José B. Diez, Anna Fijalkowska-Mader, Elke Schneebeli-Hermann, Amalia Spina, Evelyn Kustatscher	
10. Further contributions towards the re-evaluation of Indian Late Paleozoic spores and pollen to resolve gaps in global correlation.....	34
Pauline Sabina Kavali, Ayushi Mishra, Mercedes di Pasquo	
11. Further comments on “Uppermost Permian to Lower Triassic conodont biostratigraphy and carbon isotope records from Southern Armenia,” by Han et al. (Palaeogeography, Palaeoclimatology, Palaeoecology, 667 (2025) 112,870)	35
Lilit Sahakyan, Aymon Baud	
12. 6th International Conodont Symposium.....	37
13. STRATI 2026 news.....	37
14. SUBMISSION GUIDELINES FOR ISSUE 80.....	38

Issue #78 (2025)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS chair.....	3
Elizabeth A. Weldon	
3. Annual Report 2024.....	4
4. Henderson's Harangue #14.....	7
Charles M. Henderson	
5. Conodonts, Guadalupian chronostratigraphy and priority.....	8
Spencer G. Lucas	
6. Investigating a possible bridge taxon: comparison of <i>Nuskoisporites</i> and <i>Densipollenites</i>	11
Michael H. Stephenson, Evelyn Kustatscher, Ivan Rodriguez Barreiro	
7. Re-evaluation of late Paleozoic spores and pollen from Indian Gondwana sequences to resolve gaps in global correlation and palaeobiogeography.....	14
Pauline Sabina Kavali, Ayushi Mishra, Mercedes di Pasquo, Omnath Saha	
8. Permian foraminifera of the “Sub-Pog Beds and Shale” at the base of the Albanian Alps.....	16
Micha Horacek, Leopold Krystyn, Xing Huang, Kujtim Onuzi	
9. Dr Victor G. Ganelin: In memoriam.....	19
Alexander Biakov, Nelli Karavaeva, Igor Vedernikov, Ruslan Kutygin, Olga Kossovaya, Galina Kotlyar	
10. Dr Igor V. Budnikov: In memoriam.....	21
Ruslan Kutygin, Victor Makoshin, Alexander Biakov, Olga Kossovaya, Galina Kotlyar, Leonid Peregoedov, Olga Krivenko	
11. GeoTolosa2025 news	23
12. SUBMISSION GUIDELINES FOR ISSUE 79.....	24

Issue #77 (2024)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS Chair.....	4
Lucia Angiolini	
3. Henderson's Harangue #13.....	6
Charles M. Henderson	
4. Reply to “The crisis in the global Permian correlation – Canadian Arctic-Urals case” by Vladimir I. Davydov (2024) in <i>Permophiles</i> 76.....	8
Charles M. Henderson, Benoit Beauchamp	
5. The basal Guadalupian Series/Roadian Stage GSSP preserves the traditional Roadian Stage Concept—and is thus highly workable.....	12
Lance L. Lambert	
6. The Kungurian GSSP candidate at Rockland (Nevada) revisited.....	18
Lucia Angiolini, Charles Henderson, Michael T. Read, Andrea Zanchi	
7. Age and correlation of the Lower Permian Hueco Group in the Robledo Mountains, New Mexico, USA: A critique of Calvo González et al.	21
Spencer G. Lucas, Karl Krainer, James E. Barrick	
8. Large Language Models in palynological taxonomy.....	27
Michael Stephenson, Chen Shen, Zhengdong Xiao, Ting Mao	
9. The Rotliegend fauna of the Thuringian Forest Basin—a compendium.....	30
Joerg W. Schneider, Ralf Werneburg	
10. Evidence of Wuchiapingian (Late Permian) climate cooling: seasonal changes revealed by brachiopod shell sclerochemistry.....	36
Marco Viaretti, Lucia Angiolini	
11. Publication summary: Latest Permian and earliest Triassic geomagnetic polarity timescale: A polarity reversal marks the greatest mass extinction... 	39
Yan Chen, Haishui Jiang, James G. Ogg, Paul B. Wignall, Xulong Lai	
12. Publication summary: Insect biostratigraphy of the Late Pennsylvanian and Early Permian with reference to mixed Pennsylvanian-Permian floras.....	43
Joerg W. Schneider	
13. A report from the 9th International Brachiopod Congress “Brachiopods: Sentinels of the Phanerozoic”	44
Lucia Angiolini, Uwe Brand	
14. In commemoration of Prof. Giuseppe Cassinis Emeritus.....	45
Cesare Perotti, Ausonio Ronchi	
15. Daniel Vachard (1947-2024): In memoriam.....	47

Karl Krainer, Spencer G. Lucas	
16. 6th International Conodont Symposium - ICOS 6.....	49
17. GeoTolosa2025 news.....	49
18. SUBMISSION GUIDELINES FOR ISSUE 78.....	50

Issue #76 (2024)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS Chair.....	3
Lucia Angiolini	
3. Annual Report 2023.....	4
4. Henderson's Harangue #12.....	7
Charles M. Henderson	
5. Call to develop two new working groups: the base-Roadian GSSP Working Group and the base-Wordian GSSP Working Group.....	8
Charles M. Henderson, Shuzhong Shen	
6. Base-Kungurian GSSP Working Group Progress.....	8
Charles M. Henderson	
7. The Permian Guadalupian stages: how politics and conodonts produced an unworkable chronostratigraphy.....	9
Spencer G. Lucas	
8. The Permian Guadalupian stages: how collaborative science and conodonts can produce a workable chronostratigraphy.....	11
Charles M. Henderson	
9. Carnic Alps stratigraphy – quo vadis?	13
Holger C. Forke	
10. Structure of <i>Vallatisporites</i> from study of broken specimens.....	25
Michael H. Stephenson	
11. The Apillapampa section (Bolivia): field trip accomplished in July 2023-a report of "Gondwana to Euramerica Correlations Working Group".....	29
Mercedes di Pasquo, Gabriela A. Cisterna, Abner A. Calle Salcedo, Shirley López, George Grader, Juan Di Nardo, Pauline Kavali, Roberto Iannuzzi, Andrea F. Sterren, Jessica Gomez, Yulisa Ticona, Leonardo Silvestri	
12. Stratigraphy of the Early Permian Bromacker locality (Tambach Formation, Sakmarian, Germany)	33
Lorenzo Marchetti	
13. The crises in the global Permian correlation - Canadian Arctic-Urals case.....	35
Vladimir I. Davydov	
14. New insights on the Artinskian Warming Event (AWE)	41
Lorenzo Marchetti	
15. Excavating the ichnofossils of the Middle to Upper Permian Hornburg Formation (central Germany)	44

Michael Buchwitz, Bodo-Carlo Ehling, Daniel Falk, Jörg W. Schneider

16. Protracted destabilization and collapse of peat mire ecosystems at the Permian-Triassic boundary recorded by a sequence of related transtensive sub-basins in central and southern Mongolia.....	46
Per Michaelsen, Karsten M. Storetvedt	
17. Report on the Conference “Across the End Permian Great Extinction: From Field Studies to Scientific Results” held, from August 29 to September 2, 2023, at the University of Lausanne, Switzerland.....	51
Allison C. Daley, Aymon Baud	
TWO FUNDED PROJECTS BY SPS	
18. Establishing a high-resolution numerical geological timeline for the Permian.....	54
Shuhan Zhang	
19. Petrographic analyses of the Permian turbiditic rocks of Tuzancoa Formation in the Huayacocotla anticlinorium, east-central Mexico: a new insight on provenance.....	55
Juan Moisés Casas-Peña	
20. SUBMISSION GUIDELINES FOR ISSUE 77.....	57

Issue #75 (2023)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS Chair.....	3
Lucia Angolini	
3. Minutes of the SPS Business Meeting at STRATI 23.....	6
4. Working Group Announcement and Progress on the base-Kungurian GSSP proposal.....	8
Charles M. Henderson	
5. SPS Executive Second Term (2024-2028).....	9
Charles M. Henderson	
PERMOPHILES 75 PERSPECTIVES	
6. Permophiles Perspective: The Permian System after 75 issues of Permophiles	9
Charles M. Henderson	
7. The Permian GSSPs and timescale: Progress, unsolved problems and perspectives	12
Shuzhong Shen	
8. Permophiles Perspective: Nonmarine Permian Biostratigraphy, Biochronology and Correlation.....	18
Spencer G. Lucas	
9. Advances in Permian palynology since 2007: a review.....	22
M. H. Stephenson	
10. Permophiles 2007 – 2023: looking back and looking forward on the tasks and results of the Nonmarine-Marine Late Carboniferous – Permian – Early Triassic Correlation Working Group.....	26
Joerg W. Schneider	
11. Microfacies analysis and biostratigraphy of Lower Permian carbonate-dominated cyclothsems, Robledo Mountains (New Mexico, USA) and Carnic Alps (Austria): Insights into the stepwise demise of late Paleozoic ice age (LPIA)	32
Daniel Calvo González, Benoit Beauchamp, Charles M. Henderson, Michael T. Read	
12. SPS Project Report: An exceptional Middle to Upper Permian tetrapod track fauna of Pangean Euramerica (Hornburg Formation, Germany)	39
Daniel Falk	

13. Tracking the end-Permian event through a magma minefield: the Tasmania Basin, Australia	40
Chris Mays, Miriam A. Slodownik, Stephen M. Forsyth	
14. Report of field work in the Permian of Oman.....	44
Marco Viaretti, Alessandro Paolo Carniti, Alan Heward, Lucia Angiolini	
15. A report of the Sino-German Cooperative Group in Late Paleozoic Paleobiology, Stratigraphy and Geochemistry.....	46
Shuzhong Shen, Joerg W. Schneider, Xiangdong Wang, Hua Zhang, Frank Schozle, Feifei Zhang, Yukun Shi, Guangyi Wei, Yibo Lin	
16. Announcements.....	48
17. SUBMISSION GUIDELINES FOR ISSUE 76.....	48

Issue #74 (2023)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS Chair.....	3
Lucia Angiolini	
3. Annual Report 2022.....	4
4. Henderson's Harangue #11.....	7
Charles Henderson	
5. Redefinition of the Global Stratotype Section and Point (GSSP) and new Standard Auxiliary Boundary Stratotype (SABS) for the base of Wuchiapingian Stage (Lopingian Series, Permian) in South China.....	9
Shu-zhong Shen, Dong-xun Yuan, Yi-chun Zhang, Charles M. Henderson, Quan-feng Zheng, Hua Zhang, Min Zhang, Yu Dai, Hai-peng Xu, Wen-qian Wang, Qian Li, Yue Wang, Xiang-dong Wang, Jahandar Ramezani, Douglas H. Erwin, Lucia Angiolini, Fei-fei Zhang, Zhang-shuai Hou, Xi-yang Zhang, Shu-han Zhang, Yong-xin Pan, Michael Stephenson, Shi-long Mei	
6. The Once and Future Quest: the Kungurian GSSP candidate at Rockland Section and SABS at Carlin Canyon, Nevada.....	37
Lucia Angiolini, Benoit Beauchamp, Luke Bratton, Bryana Fraser, Charles Henderson, Walt Snyder, Andrea Zanchi	
7. Correlation chart for the Lower Permian of the western USA.....	41
Charles Henderson, Michael T. Read	
8. Additional conodonts from the Cisuralian-Guadalupian boundary interval in South China.....	44
Dong-xun Yuan, Shu-zhong Shen, Hua Zhang, Hai-peng Xu, Zhang-shuai Hou, Quan-feng Zheng, Wen-qian Wang	
9. Do Permian-Triassic boundary microbialites contain keratose sponges? ...	47
Stephen Kershaw	
10. Tackling species variation in palynology.....	51
Michael H. Stephenson	
11. Rebuilding terrestrial Gondwana: challenges and opportunities of a palynological approach.....	54
Annette E. Götz, Alexander Wheeler	
12. Wuchiapingian brachiopods from Iran: potential and perspectives as archives of the past.....	58
Marco Viaretti, Gaia Crippa, Lucia Angiolini	

13. News from the Permian of Northern Albania at the base of the Albanian Alps.....	62
Micha Horacek, Leopold Krystyn, Rainer Brandner, Cerciz Durmishi, Kujtim Onuzi	
14. Announcement of Strati 2023, a conference in Switzerland and a call for funded participation in STRATI 2023.....	68
15. SUBMISSION GUIDELINES FOR ISSUE 75.....	69

Issue #73 (2022)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS Chair.....	3
Lucia Angiolini	
3. Subcommission on Permian Stratigraphy Working Group: Gondwana to Euramerica correlations.....	7
Gabriela A. Cisterna, Mercedes di Pasquo, Charles Henderson, Pauline Kavali, Alejandra Pagani, Ana Karina Scomazzon, Mike Stephenson, Liz Weldon, Yi-chun Zhang	
4. Preliminary observations on Permian lithostratigraphy on the Mogollon Rim, Arizona, USA.....	13
Spencer G. Lucas, Stephen J. Reynolds	
5. Short Note on the decision about the proposal for the Sakmarian-Artinskian Boundary GSSP by Chernykh et al., 2021.....	17
Micha Horacek	
6. Editors Note to M. Horacek contribution.....	18
7. A digital photograph collection of sedimentary structures from the Bromacker reveals a new interesting specimen.....	18
Frank Scholze	
8. The Pangaea Gap (Permian) in the Rotliegend of Central Europe.....	22
Manfred Menning	
9. The Permian-Triassic boundary in Northern Patagonia (Argentina): geochronological and palaeobiological issues of the Los Menucos Basin	24
Juan I. Falco, Josefina Bodnar, Eliana P. Coturel, Georgina Erra, Matías Nápoli	
10. Late Early Permian timescale correlations between International scale and Tethyan scale: new evidence from the Lugu Formation in the South Qiangtang Block, Tibet.....	28
Yi-chun Zhang, Dong-xun Yuan, Feng Qiao, Hai-peng Xu, Qi Ju, Shu-zhong Shen	
11. Report on the activities of the Carboniferous – Permian –Triassic Nonmarine-Marine Correlation Working Group for 2021 to 2022.....	31
Joerg W. Schneider, Spencer G. Lucas, Lorenzo Marchetti, Michael O. Day, Shu-zhong Shen, Stanislav Opluštil, Ausonio Ronchi, Hafid Saber, Tariq Zouheir, Ralf Werneburg, Sebastian Voigt, Jörg Fröbisch, Ronny Rößler, Vladimir V. Silantiev, Frank Scholze, Hendrik Klein, Veronika Zharinova	

12. 17th international Permian-Triassic field workshop in the Cantabrian Mountains, N. Spain.....	41
José López-Gómez, Nemesio Heredia	
13. Announcements of Argentinian symposium, IPC Thailand, and Strati 2023	44
14. SUBMISSION GUIDELINES FOR ISSUE 74.....	45

Issue #72 (2022)

15. Notes from SPS Secretary.....	3
Yichun Zhang	
16. Notes from SPS Chair.....	4
Lucia Angiolini	
17. Annual Report 2021.....	5
18. Henderson's Harangue #9.....	8
Charles M. Henderson	
19. Answers to comments on Artinskian Proposal.....	9
20. Final proposal for the Global Stratotype Section and Point (GSSP) for the base-Artinskian Stage (Lower Permian)	14
Valery V. Chernykh, Charles M. Henderson, Ruslan V. Kutygin, Tatiana V. Filimonova, Guzal M. Sungatullina, Marina S. Afanasieva, Tatiana N. Isakova, Rafael Kh. Sungatullin, Michael H. Stephenson, Lucia Angiolini, Boris I. Chuvashov	
21. Middle Kungurian (Early Permian) seaways in the southwestern USA.....	48
Spencer G. Lucas, Charles Henderson, James E. Barrick, Karl Krainer	
22. Update: improved palynological resolution in the latest Permian of the Levant.....	52
Michael H. Stephenson	
23. Call to the Permian community: Identifying an enigmatic sedimentary structure from the Bromacker.....	53
Frank Scholze, Anna Pint, Peter Frenzel	
24. Celebrating the 180th anniversary of the establishment of the Permian System –report on Kazan Golovkinsky Stratigraphic Meeting 2021.....	57
Joerg W. Schneider, Vladimir V. Silantiev, Milyausha N. Urazaeva, Veronika V. Zharinova, Ilja Kogan	
Extended abstracts of the projects funded by SPS	
25. Correlating the continental end-Permian biome collapse (Lopingian) across eastern Australia.....	60
Chris Mays	
26. Correlation between the Cisuralian successions of the Robledo Mountains (New Mexico) and the Carnic Alps (Austria) integrating conodont and foraminifer biostratigraphy.....	61
Daniel Calvo Gonzalez	
27. Everything on track(s): Upcoming excavation for an exceptional Middle to	

Upper Permian ichnofauna in central Germany.....	67
Daniel Falk	
28. Stratigraphic gap associated with the Permian-Triassic succession in the continental deposits of SW Europe: time constraints, stratigraphic correlations and paleogeography inferences.....	69
Joan Lloret	
29. Memorial to Claude Spinosa 17 July 1937 – 5 September 2.....	72
Tamra A. Schiappa, Walter Snyder	
30. SUBMISSION GUIDELINES FOR ISSUE 73	76

Issue #71 (2021)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS Chair.....	4
Lucia Angiolini	
3. Henderson's Harangue #8.....	6
Charles M. Henderson	
4. Report on the activities of the Carboniferous – Permian –Triassic Nonmarine-Marine Correlation Working Group for 2020 and 2021.....	7
Joerg W. Schneider, Spencer G. Lucas, Lorenzo Marchetti, Ausonio Ronchi, Michael O. Day, Shu-zhong Shen, Stanislav Opluštil, Hendrik Klein, Hafid Saber, Tariq Zouheir, Ralf Werneburg, Sebastian Voigt, Jörg Fröbisch, Ronny Rößler, Vladimir V. Silantiev, Veronika Zharinova	
5. Q&A on the Guadalupian.....	16
6. New age data for Permian strata on the Mogollon Rim, central Arizona, USA.....	18
Spencer G. Lucas, Charles M. Henderson	
7. Upper Pennsylvanian, Permian, and Lower? Triassic continental successions in SW Sardinia (Italy): a petro-sedimentological update of the molassoid Sulcis basin.....	21
Luca G. Costamagna	
8. Digital geological modelling of the Tambach Formation around the Bromacker fossil-lagerstätte (Early Permian, Germany)	27
Frank Scholze	
9. Recent progress and prospect of high-precision U-Pb age constraints on the Permian marine-terrestrial system of the North China block.....	32
Qiong Wu, Jahandar, Ramezani, Hua Zhang, Jun Wang, Fan-gui Zeng, Yi-chun Zhang, Feng Liu, Jun Chen, Yao-feng Cai, Zhang-shuai Hou, Chao Liu, Wang Yang, Charles M. Henderson, Shu-zhong Shen	
10. Upper Permian brachiopods from the Abadeh section, Central Iran.....	36
Marco Viaretti, Gaia Crippa, Shuzhong Shen, Lucia Angiolini	
11. Reply to the Comment of Horacek et al. (2021) on the Permian-Triassic boundary at the Abadeh section, central Iran.....	39
Jun Chen, Dong-xun Yuan, Shu-zhong Shen	
12. Short note to the editors and about ethical publishing - and about the temperature change around the Permian-Triassic Boundary (PTB)	43
Micha Horacek, Leopold Krystyn, Aymon Baud	

13. Proposal for the Global Stratotype Section and Point (GSSP) for the base-Artinskian Stage (Lower Permian)	45
Valery V. Chernykh, Charles M. Henderson, Ruslan V. Kutygin, Tatiana V. Filimonova, Guzal M. Sungatullina, Marina S. Afanasieva, Tatiana N. Isakova, Rafael Kh. Sungatullin, Michael H. Stephenson, Lucia Angiolini, Boris I. Chuvashov	
14. ORBITUARY.....	72
He Xilin	
Shu-zhong Shen	
15. SUBMISSION GUIDELINES FOR ISSUE 72.....	76

Issue #70 (2021)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Notes from SPS Chair.	3
Lucia Angiolini	
3. Annual Report 2020.....	4
4. Report of SPS corresponding members meeting on 13 November 2020	7
5. TO BE OR NOT TO BE <i>Sweetognathus asymmetricus</i> ?.....	10
Charles M.Henderson, Valery V.Chernykh	
6. Permian substages.....	13
Spencer G. Lucas	
7. Permian continental trace fossils of Morocco: first record from the Jebilet massif.....	16
Amal Zouicha Sebastian Voigt, Hafid Saber, Lorenzo Marchetti, Abdelkbir Hminna, Ahmed El Attari, Ausonio Ronchi, Joerg W. Schneider	
8. Tectono-sedimentary evolution of the Upper Paleozoic Mulargia-Escalaplano molassic basin (Sardinia, Italy) in the collapsing Variscan chain: matching the pull-a-part model of the W Europe basins.....	19
Luca G. Costamagna	
9. Latest Carboniferous to Early Permian volcano-stratigraphic evolution in Central Europe: U-Pb CA-ID-TIMS ages of volcanic rocks in the Thuringian Forest Basin (Germany) - summary of the original paper in Int. J. Earth Sci. (Geol. Rundsch.), 2020.....	23
Harald Lützner, Marion Tichomirowa, Alexandra Käßner, Reinhard Gaupp	
10. Guadalupian and Lopingian transgression of the Khuff Formation carbonate sea in the Middle East and Levant.....	27
Michael H.Stephenson, Dorit Korngreen	
11. One step closer to understanding the Permian-Triassic mass extinction.....	29
Hana Jurikova	
12. Report of fieldtrip to northern Tibet: Permian successions in blocks of the	

Qinghai-Tibet Plateau	31
Yichun Zhang, Hua Zhang, Quanfeng Zheng, Mao Luo, Wenkun Qie, Dongxun Yuan, Feng Qiao, Haipeng Xu, Qi Ju, Biao Gao	
13. Comment to Chen et al., 2020: Abrupt warming in the latest Permian detected using high-resolution in situ oxygen isotopes of conodont apatite from Abadeh, central Iran. Importance of correct stratigraphic correlation, reporting of existing data and their scientific interpretation.....	33
Micha Horacek, Leopold Krystyn, Aymon Baud	
14. Compilation of selected papers published on Permian topics in 2020.....	36
15. Submission guidelines for Issue 71.....	71

Issue #69 (2020)

1. Notes from SPS Secretary.....	3
Yichun Zhang	
2. Chair and Vice-chair note.....	4
Lucia Angiolini, Michael H. Stephenson	
3. Notes from Past SPS Chair.....	5
Shu-zhong Shen	
4. A brief review of the Dal'ny Tulkas Section (Southern Urals, Russia) - potential candidate or a Gssp to define the base of the Artinskian stage in the global chronostratigraphic scale.....	9
Valery V. Chernykh	
5. A brief account of the Mechetlino Section (Southern Urals, Russia) - potential candidate for a GSSP to define the base of the Kungurian stage in the global chronostratigraphic scale.....	14
Valery V. Chernykh	
6. Henderson's Harangue #7.....	23
Charles M. Henderson	
7. Are we ready yet to propose a GSSP for base-Artinskian and base-Kungurian?.....	23
Charles M. Henderson	
8. Tetrapod biostratigraphy and the Permian-Triassic boundary.....	26
Spencer G. Lucas	
9. The Permian of the Budva Zone, Montenegro, western Tethys.....	32
Micha Horacek, Martin Đaković, Leopold Krystyn	
10. Guadalupian Working Group Report (GWG).....	37
Charles M. Henderson	
11. Summary report of the Nonmarine-Marine Correlation Working Group and notes from the former Vice-Chair of the SPS.....	37
Joerg W. Schneider	
12. OBITUARY Randall Penney.....	41
Michael H. Stephenson, Graham Booth, Gordon Forbes	

13. SUBMISSION GUIDELINES FOR ISSUE 70.....	42
--	-----------

Issue #68 (2020)

1. **Notes from the SPS Secretary**.....3
Lucia Angiolini
2. **Notes from the SPS Chair**.....6
Shuzhong Shen
3. **Annual report 2019**.....6
4. **GSSP-based Chronostratigraphy: Should Boundaries Be Defined by Arbitrarily Chosen Non-Events?**.....9
Spencer G. Lucas
5. **Henderson's Harangue #6**.....11
Charles M. Henderson
6. **Sea-floor carbonate precipitates after mass extinctions - separating depositional and diagenetic fabrics: a discussion**.....12
Stephen Kershaw
7. **Reply to Kershaw (this issue). Discussion on separating depositional and diagenetic fabrics in the aftermath of mass extinctions**.....18
Mingtao Li, Haijun Song, Li Tian
8. **Recent progress and future perspectives in the application of Permian palaeobiogeography in the reconstruction of the palaeogeography of the Qinghai-Tibet plateau and adjacent regions**.....19
Yichun Zhang, Shuzhong Shen, Haipeng Xu, Feng Qiao, Dongxun Yuan, Qi Ju
9. **Progress report : location of the replacement section for the base-Lopingian GSSP**.....23
Shuzhong Shen, Yichun Zhang, Dongxun Yuan, Quanfeng Zheng, Hua Zhang, Lin Mu, Zhangshuai Hou, Wenqian Wang, Boheng Shen, Yaofeng Cai
10. **Application of Arabian palynological zones in the Negev of Israel: preliminary findings**.....27
Michael H. Stephenson, Dorit Korngreen
11. **Reconciling the ramp versus the platform interpretation of the Tesero Oolite, Permian-Triassic boundary in the Alps: a Bahama Bank model**.....29
Michael E. Brookfield

12. **Report on the activities of the Late Carboniferous–Permian–Early Triassic Nonmarine-Marine Correlation Working Group for 2018 and 2019**.....34
Joerg W. Schneider, Spencer G. Lucas, Frank Scholze, Sebastian Voigt, Lorenzo Marchetti, Hendrik Klein, Stanislav Opluštil, Ralf Werneburg, Valeriy K. Golubev, James Barrick, Tamara Nemyrovska, Ausonio Ronchi, Michael O. Day, Vladimir V. Silantiev, Ronny Rößler, Hafid Saber, Ulf Linnemann, Veronika Zharinova, Shu-zhong Shen
13. **Report on the 19th International Congress on the Carboniferous and Permian, Cologne, July, 29th–August, 2nd, 2019**.....39
Hans-Georg Herbig
14. **15th International Permian-Triassic Field Workshop in Sardinia/Italy**.....44
Gerhard H. Bachmann
15. **Report on the 3th International Congress on Stratigraphy, Milano, 2–5 July 2019**.....45
Daniela Germani
16. **Global Stratotype Section and Point (GSSP) for the base-Sakmarian Stage**.....47
Galina Kotlyar
17. **Permian and other Paleozoic Trace Fossils**.....48
Spencer G. Lucas

Issue #67 (2020)

1. Notes from the SPS Secretary.....	1
Lucia Angiolini	
2. Notes from the SPS Chair.....	2
Shuzhong Shen	
3. Annual report 2018.....	3
4. Officers and Voting Members since August, 2016.....	4
5. Henderson's Harangue #5.....	6
Charles M. Henderson	
6. The Permian through the eyes of pollen morphologists.....	9
Natalia Zaviolova, Maria Tekleva, Michael Stephenson	
7. The Kungurian (Cisuralian) palaeoenvironment and palaeoclimate of the Tregiovo Basin (NE Italy).....	12
Giuseppa Forte, Evelyn Kustatscher, Guido Roghi, Nereo Preto	
8. Age and duration of Olson's Gap, a global hiatus in the Permian tetrapod fossil record.....	20
Spencer G. Lucas, Valeriy K. Golubev	
9. Uncovering <i>Tapinocaninus pamela</i> (Synapsida: Therapsida): the most complete dinocephalian skeleton from the lowermost Beaufort Group of South Africa.....	23
Marco Romano, Bruce Rubidge	
10. No longer in the Mesozoic. The Permian world as a cradle for the origin of key vertebrate groups.....	29
Massimo Bernardi, Fabio Massimo Petti, Tiago R. Simões	
11. The present state of the Capitanian-Upper Permian bivalve stratigraphic scale of Northeast Russia in the light of the latest new fossil findings, dating of zircons, and $\delta^{13}\text{C}_{\text{org}}$ chemostratigraphy.....	31
Alexander S. Biakov	
12. Permian-Triassic boundary stratigraphy of the East European platform. The State of the Art: no evidence for a major temporal hiatus.....	33
Valeriy K. Golubev	

13. Report of the Chinese-Pakistan working group: The Permian-Triassic boundary sections of the Salt Range.....	36
Yichun Zhang, Jitao Chen, Hua Zhang, Feng Liu, Quanfeng Zheng, Mao Luo, Dongxun Yuan, Le Yao, Haipeng Xu, Zhangshuai Hou, Shuzhong Shen, Muhammad Qasim, Aneela Aurang Zeb	
14. Rivista Italiania di Paleontologia e Stratigrafia Vol 125, 1. In memory of Maurizio Gaetani.....	40
Lucia Angiolini, Fabrizio Berra, Cristina Lombardo	
15. Obituaries.....	41
16. Announcements.....	62

Issue #66 (2018)

1. Notes from the SPS Secretary.....	3
Lucia Angiolini	
2. Notes from the SPS Chair.....	4
Shuzhong Shen	
3. Officers and Voting Members since August, 2016.....	4
4. Honorary Members.....	5
5. Henderson's Harangue #4.....	7
Charles M. Henderson	
6. On aspects of the Permian in the British Isles.....	8
Geoffrey Warrington	
7. Permian tetrapod localities in the Nurra region (NW Sardinia, Italy): The State of the Art.....	9
Marco Romano	
8. On the age of the deepest part of the glaciogenic Al Khlata Formation in the Mukhaizna Field, Oman, based on palynology.....	18
Michael H. Stephenson	
9. Permian Charophytes: Distribution and Biostratigraphy.....	20
Spencer G. Lucas	
10. XVIII Congress of the Italian Paleontological Society (Trento and Predazzo, June 6–8, 2018): Report on the field trip ‘Permian-Triassic terrestrial ecosystems of the Dolomites (Southern Alps)’.....	25
Massimo Bernardi, Riccardo Tomasoni, Fabio Massimo Petti, Evelyn Kustatscher, Hendrik Nowak, Guido Roghi, Nereo Preto, Herwig Prinoth, Piero Gianolla	
11. Report of the Italian-Iranian working group: the Permian-Triassic successions of Zal and Ajabshir (NW Iran) and Abadeh (Central Iran).....	28
Valerio Gennari, Roberto Rettori, Simonetta Cirilli, Amalia Spina, Andrea Sorci, Mansour Ghorbani, Masoud Ovissi, Mohsen Ghorbani	
12. Obituary.....	31
13. Announcements.....	34

Issue #65 (2017)

1. Notes from the SPS Secretary.....	1
Lucia Angiolini	
2. Notes from the SPS Chair.....	2
Shu-Zhong Shen	
3. Annual report 2017.....	2
4. Henderson's Harangue #3.....	5
Charles M. Henderson	
5. Preliminary results of palynological study of the Usolka section, location of the proposed basal Sakmarian GSSP.....	7
Michael H. Stephenson	
6. Identification and age of the beginning of the Permian-Triassic Illawara Superchron.....	11
Spencer G. Lucas	
7. Assessing ocean acidification and carbon cycle perturbations during the end-Permian extinction using boron isotopes.....	15
Hana Jurikova, Marcus, Gutjahr, Volker Liebetrau, Sascha Flögel, Klaus Wallmann, Anton Eisenhauer, Renato Posenato, Lucia Angiolini, Claudio Garbelli, Uwe Brand	
8. Report on the activities of the Late Carboniferous–Permian–Early Triassic Nonmarine-Marine Correlation Working Group for 2016 and 2017.....	16
Joerg W. Schneider, Frank Scholze, Sebastian Voigt, Annette E. Götz, Stanislav Opluštil, Ausonio Ronchi, Emese M. Bordy, Vladimir V. Silantiev, Veronika Zharinova, Lorenzo Marchetti, Spencer G. Lucas, Shu-zhong Shen, James Barrick, Ralf Werneburg, Ronny Rößler, Hans Kerp, Valeryi Golubev, Hafid Saber, José López-Gómez	
9. Report of the Chinese, Italian, Iranian working group: The Permian-Triassic boundary sections of Abadeh revisited	24
Lucia Angiolini, Gaia Crippa, Shuzhong Shen, Hua Zhang, Yichun Zhang, Mansour Ghorbani, Mohsen Ghorbani, Masoud Ovissi, Gerhard H. Bachmann	
10. Report on the 14th International Permian-Triassic Field Workshop, Dead Sea area, Jordan, March 4–10, 2017.....	28
Gerhard H. Bachmann	

11. Report on the IGCP 630 Conference and Field Workshop, October 8-14, 2017, in Armenia.....	30
Lilit Sahakyan, Aymon Baud, Zhong-Qiang Chen and Yuheng Fang	
12. Announcements.....	42

Issue #64 (2017)

1. Notes from the SPS Secretary.....	1
Lucia Angiolini	
2. Notes from the SPS Chair.....	2
Shuzhong Shen	
3. Annual report 2016.....	2
4. Discussion on the updated version of the Sakmarian-base GSSP proposal published in <i>Permophiles</i> 63 (October, 2016).....	5
5. Base-Sakmarian GSSP: additional points supporting a proposal to use the FAD of <i>Mesogondolella monstra</i>	8
Yuan Dong-xun, Shen Shu-zhong, Charles M. Henderson	
6. Henderson's Harangue #2.....	10
Charles M. Henderson	
7. Palynology in the establishment of GSSPs.....	11
Michael H. Stephenson	
8. The Newwellian Substage of the Wolfcampian Stage in the southwestern United States.....	13
Spencer G. Lucas, Karl Krainer, Daniel Vachard	
9. Late Permian peat mire ecosystem developed under boreal conditions along the shores of the Mongol-Transbaikalian seaway, Central Mongolia.....	19
Per Michaelsen	
10. Abstract from “ <i>Biomineralization and global change: A new perspective for understanding the end-Permian extinction</i> ” by Garbelli C., Angiolini L., and Shen S., <i>Geology</i> , 45, 1, 19-22.....	21
Claudio Garbelli	

Issue #63 (2016)

1. **Notes from the SPS Secretary**.....1
Lucia Angiolini
2. **Notes from the SPS Chair**.....2
Shuzhong Shen
3. **Officers and Voting Members since August, 2016**.....3
4. **Proposal for the Global Stratotype Section and Point (GSSP) for the base-Sakmarian Stage (Lower Permian)**.....4
Valery V. Chernykh, Boris I. Chuvashov, Shu-Zhong Shen, Charles M. Henderson
5. **Henderson's Harangue #1**.....18
Charles M. Henderson
6. **New dates for Permian palynostratigraphic biozones in the Sydney, Gunnedah, Bowen, Galilee and Canning basins, Australia**.....19
Simon Bodorkos, James Crowley, Erin Holmes, John Laurie, Daniel Mantle, John McKellar, Arthur Mory, Robert Nicoll, Laura Phillips, Tegan Smith, Michael Stephenson, Geoff Wood
7. **Insights into the Permian/Triassic transition in Western Tethys: new stratigraphic and paleontological data from the Catalan Pyrenees (NE Iberian Peninsula)**.....21
Eudald Mujal, Nicola Grettter, Ausonio Ronchi, José López-Gómez, Jocelyn Falconnet, José B. Diez, Raúl De la Horra, Arnau Bolet, Oriol Oms, Alfredo Arche, José F. Barrenechea, J.-Sébastien Steyer, Josep Fortuny
8. **Early Permian tetrapod extinction events**.....27
Spencer G. Lucas
9. **GSSPs for the Permian Cisuralian Series stages**.....32
Galina Kotlyar, Guzel Sungatullina, Rafael Sungatullin
10. **A new Late Pennsylvanian to Early Triassic conchostracan biostratigraphy**.....37
Joerg W. Schneider, Frank Scholze
11. **Gondwanaland or Gondwana
How a Useful Geological Concept is Becoming Almost Meaningless**.....43

John Rigby

12. 13th International Field Workshop on the Triassic, Xingyi/Guizhou, Southwestern China, August 1–5, 2016.....	46
Gerhard H. Bachmann, Jiang Da-Yong	
13. Reports on outputs recently produced on the end-Permian events.....	50
Stephen Kershaw	
14. Obituary.....	52
Bruce R. Wardlaw	
15. Submission Guidelines for Issue 64.....	57

Issue #62 (2015)

1. Notes from the SPS Secretary.....	1
Lucia Angiolini	
2. Notes from the SPS Chair.....	2
Shuzhong Shen	
3. Annual report 2015.....	2
4. Report on the XVIII International Congress on the Carboniferous and Permian 2015 held in Kazan, Federal Republic of Tatarstan, Russia.....	5
Joerg W. Schneider, Shuzhong Shen	
5. 12th International Workshop on the Permian-Triassic/Boreal Triassic II Conference, Longyearbyen/Svalbard, Norway, August 28–September 1, 2015.....	10
Gerhard H. Bachmann	
6. The difficult early history of the Permian.....	12
Spencer G. Lucas	
7. The Permian sedimentary successions of the Pamir mountains, Tajikistan..	15
Lucia Angiolini, Daniel Vachard	
8. On the age of the first appearance of the bitaeniate bisaccate pollen <i>Lueckisporites virkkiae</i> Potonié & Klaus 1954 in Gondwana.....	18
Michael H. Stephenson	
9. Insights about the biodiversity decline at the end of the Permian.....	19
Claudio Garbelli	
10. First occurrence of the Permian-Triassic enigmatic conchostracan <i>Rossolimnadiopsis</i> Novozhilov, 1958 from the Dead Sea, Jordan—preliminary report.....	22
Abdalla Abu Hamad, Frank Scholze, Joerg W. Schneider, Valeriy K. Golubev, Sebastian Voigt, Dieter Uhl, Hans Kerp	
11. First report of Upper Pennsylvanian ammonoids and Lower Permian conodonts from Bagh-e-Vang area (Central Iran).....	25
Marco Balini, Riccardo Mandrioli, Alda Nicora, Lucia Angiolini, Irene Vuolo, Zohreh Sohrabi, Maryamnaz Bahramanesh	

12. Submission Guidelines for Issue 63.....	27
--	-----------

Issue #61 (2015)

1. **Notes from the SPS Secretary**.....1
Lucia Angiolini
2. **Notes from the SPS Chair**.....2
Shuzhong Shen
3. **Officers and Voting Members since August, 2012**.....2
4. **Report on the First International Congress on Continental Ichnology [ICCI-2015], El Jadida, Morocco, 21-25 April, 2015**.....4
Hafid Saber
5. **Report on the 7th International Brachiopod Congress, May 22-25, 2015 Nanjing, China**.....8
Lucia Angiolini
6. **Progress report on correlation of nonmarine and marine Lower Permian strata, New Mexico, USA**.....10
Spencer G. Lucas, Karl Krainer, Daniel Vachard, Sebastian Voigt, William A. DiMichele, David S. Berman, Amy C. Henrici, Joerg W. Schneider, James E. Barrick
7. **Range of morphology in monolete spores from the uppermost Permian Umm Irna Formation of Jordan**.....17
Michael H. Stephenson
8. **Palynostratigraphy of the Permian Faraghan Formation in the Zagros Basin, Southern Iran: preliminary studies**.....20
Amalia Spina, Mohammad R. Aria-Nasab , Simonetta Cirilli, Michael H. Stephenson
9. **Towards a redefinition of the lower boundary of the *Protochirotherium* biochron**.....22
Fabio Massimo Petti, Massimo Bernardi, Hendrik Klein
10. **Preliminary report of new conodont records from the Permian-Triassic boundary section at Guryul ravine, Kashmir, India**.....24
Michael E. Brookfield, Yadong Sun
11. **The paradox of the end Permian global oceanic anoxia**.....26
Claudio Garbelli, Lucia Angiolini, Uwe Brand, Shuzhong Shen, Flavio Jadoul,

Karem Azmy, Renato Posenato, Changqun Cao

12. **Late Carboniferous-Permian-Early Triassic Nonmarine-Marine Correlation: Call for global cooperation.....**28
Joerg W. Schneider, Spencer G. Lucas
13. **Example for the description of basins in the CPT Nonmarine-Marine Correlation Chart Thuringian Forest Basin, East Germany.....**28
Joerg W. Schneider, Ralf Werneburg, Ronny Rößler, Sebastian Voigt, Frank Scholze
14. **Announcements.....**36
15. **Submission Guidelines for Issue 62.....**39

Issue #60 (2014)

1. Notes from the SPS Secretary.....	1
Lucia Angiolini	
2. Notes from the SPS Chair.....	2
Shuzhong Shen	
3. Annual report 2014.....	2
4. Officers and Voting Members since August, 2012.....	4
5. Remarks on Henderson's comments in <i>Permophiles</i> 59, p. 13-17.....	5
Valery V. Chernykh	
6. Remarks on Chernykh's Comments.....	7
Charles M. Henderson	
7. Co-occurrence of <i>Sweetognathus whitei</i> Rhodes, 1963 with early Sakmarian conodonts in SE Pamir.....	8
Irene Vuolo, Charles M. Henderson, Alda Nicora, Shuzhong Shen, Lucia Angiolini, Marco Balini	
8. Permian Foraminiferal Biozonation in the Alborz Mountains at Valiabad Section (Iran).....	10
Keyvan Zandkarimi, Bahram Najafian, Maryamnaz Bahrammanesh , Daniel Vachard	
9. <i>Colaniella</i> , wrongly named, well-distributed Late Permian nodosariate foraminifers.....	16
Daniel Vachard	
10. Permian-Triassic transition, Dead Sea, Jordan: preliminary report.....	24
Michael H. Stephenson , John H. Powell, Roberto Rettori, Alda Nicora, Maria Cristina Perri	
11. Report on the first IGCP 630 field workshop, November 17-22, 2014, in Kashmir (India).....	26
Aymon Baud, Ghulam Bhat, Gerhard H. Bachmann, Tea Kolar-Jurkovšek, Zhong Qiang Chen	
12. Report on the activities of the Nonmarine-Marine Correlation Working Group for 2014—program for 2015 and future tasks.....	31

Joerg W. Schneider, Shu-zhong Shen, Barry C. Richards, Spencer G. Lucas, James Barrick, Ralf Werneburg, Xiang-dong Wang, Hans Kerp, Danis K. Nurgaliev, Vladimir Davydov, Valeriy Golubev, Milyausha N. Urazaeva, Ronny Rößler, Sebastian Voigt, Hafid Saber, Annette E. Götz, Ausonio Ronchi, Stanislav Oplustil, Frank Scholze, Belahmira Abouchouaib

13. Abstract from “Modern Black Sea oceanography applied to the end-Permian extinction event” in press in Journal of Palaeogeography 2015.....	36
Stephen Kershaw	
14. Obituary.....	37
Marina V. Durante (1934-2014)	
Carmina Virgili (1927-2014)	
15. Announcements.....	39
16. Submission Guidelines for Issue 61.....	50

Issue #59 (2014)

1. Notes from the SPS Secretary	1
Lucia Angiolini	
2. Notes from the SPS Chair	2
Shuzhong Shen	
3. Officers and Voting Members since August, 2012	3
4. Received comments about the proposals for GSSP for the base-Sakmarian and the base-Artinskian stages (Permophiles 58)	4
5. The first appearance of <i>Streptognathodus isolatus</i> in the Permian of Texas. ..	17
Bruce R. Wardlaw, Merlynd K. Nestell	
6. Lower Permian amphibians from the construction pit of a German wind power station: ecological and biogeographical inferences	20
Thomas Schindler, Markus Poschmann, Rainer R. Schoch, Dieter Uhl, Sebastian Voigt	
7. The Carboniferous–Permian Boundary in the Sanandaj–Sirjan Terrane, Central Iran: Preliminary report	23
Shirin Fassihi, Masatoshi Sone, Fariba Shirezadeh Esfahani, Vachik Hairapetian	
8. Obituary	26
Heinz W. Kozur (1942-2013)	
9. Announcements	29
10. Submission Guidelines for Issue 60	37

Issue #58 (2013)

1. Notes from the SPS Secretary.....	1
Lucia Angiolini	
2. Notes from the SPS Chair.....	2
Shuzhong Shen	
3. Subcommission on Permian Stratigraphy Annual Report 2013.....	3
Shuzhong Shen	
4. Officers and Voting Members since August, 2012.....	5
5. The Reality of GSSPs.....	6
Stanley C. Finney	
6. GSSPs (Global Stratotype Section and Point) and Correlation.....	8
Stanley C. Finney	
7. We Need a New GSSP for the Base of the Permian.....	8
Spencer G. Lucas	
8. The GSSP at the Aidaralash section is solid and has no alternative.....	13
Vladimir I. Davydov	
9. The Aidaralash GSSP–Reply to Davydov.....	15
Spencer G. Lucas	
10. Proposal for the Global Stratotype Section and Point (GSSP) for the base-Sakmarian Stage (Lower Permian).....	16
Valery V. Chernykh, Boris I. Chuvashov, Shuzhong Shen and Charles M. Henderson	
11. Proposal for the Global Stratotype Section and Point (GSSP) for the base-Artinskian Stage (Lower Permian).....	26
Boris I. Chuvashov, Valery V. Chernykh, Shuzhong Shen and Charles M. Henderson	
12. Report of the Chinese, Iranian, Italian working group: The Permian-Triassic boundary sections of Julfa and Zal revisited.....	34
Lucia Angiolini, Shuzhong Shen, Maryamnaz Bahrammanesh, Syrus Abbasi, Mina Birjandi, Gaia Crippa, Dongxun Yuan and Claudio Garbelli	

13. Age assignment of section 4 of Teichert et al. (1973) at Ali Bashi Mountains (Julfa, NW Iran).....	36
Abbas Ghaderi, Ali Reza Ashouri, Heinz W. Kozur and Dieter Korn	
14. Report of field excursions 2012/2013 of the “Sino-German Cooperation Group on the Late Palaeozoic Palaeobiology, Stratigraphy and Geochemistry” between Europe and China.....	40
Jun Wang, Shuzhong Shen, Joerg W. Schneider and Hans Kerp	
15. Announcements.....	42
16. Submission Guidelines for Issue 59.....	44

Issue #57 (2013)

1. Notes from the SPS Secretary.....	1
Lucia Angiolini	
2. Notes from the Past SPS Secretary.....	2
Shu-zhong Shen	
3. Notes from the New SPS Chair.....	2
Shu-zhong Shen	
4. Notes from the New SPS Vice-Chair.....	3
Joreg W. Schineider	
5. Notes from the Past SPS Chair.....	3
Charles M. Henderson	
6. Subcommission on Permian Stratigraphy Annual Report 2012.....	4
Shuzhong Shen and Charles M. Henderson, SPS Chairs	
7. Officers and Voting Members from Aug. 2012.....	6
8. The Permian-Triassic boundary in central Iran (Shahreza-Esfeh).....	7
Maryamnaz Bahrammanesh	
9. Paleomagnetism and Pangea.....	11
Giovanni Muttoni	
10. Palynological evidence for diachroneity in the basal Khuff Formation clastics, Middle East.....	15
M.H. Stephenson, Irfan U. Jan	
11. The once and future quest: Looking for mid-Permian correlation between the Tethyan and the International time scales.....	19
Lucia Angiolini, Charles M. Henderson	
12. Amphibia and Reptilia of Permian red sandstones (red-beds) from Glavica hill near Donji Milanovac (Eastern Serbia).....	20
Miodrag Jovanovic	
13. In Memorial: Brain Glenister (1928-2012).....	23

Claude Spinosa

14. Announcement: The Carboniferous-Permian Transition (May 20-22, 2013, Albuquerque, USA).....	23
15. 1st International Congress on Stratigraphy (Lisbon, 1-7 July, 2013).....	24
16. The The XVIII ICCP, 2015, Kazan.....	24
17. Submission Guidelines for Issue 58.....	25
18. International Permian Time Scale.....	26

Issue #56 (2012)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	2
Charles M. Henderson	
3. Subcommission on Permian Stratigraphy Annual Report 2011.....	2
Charles M. Henderson, Chairman SPS	
4. New officers and Voting Members from Aug. 2012.....	6
5. Proposal for base-Kungurian GSSP.....	8
Charles M. Henderson, Bruce R. Wardlaw, Vladimir, I. Davydov, Mark D. Schmitz, Tamra A. Schiappa, Kate E. Tierney, Shuzhong	
6. Shen	
7. Mechetlino Section: A candidate for the Global Stratotype and Point (GSSP) of the Kungurian Stage (Cisuralian, Lower Permian).....	21
Valery V. Chernykh, Boris, I. Chuvashov, Vladimir I. Davydov, Mark D. Schmitz	
8. Stratigraphic gap between the Carboniferous and Permian in the lithologically monotonous sequence (Central Pay-Khoy, NW Russia) - paleotectonic implications.....	34
Andrey V. Zhuralev, Alexandr G. Iosifidi	
9. Fusulinid biostratigraphy of the Lower Permian Zweikofel Formation (Rattendorf Group; Carnic Alps, Austria) and Lower Permian Tethyan chronostratigraphy.....	37
Vladimir I. Davydov, Krainer Karl, Valery V. Chernykh	
10. The first record of tetrapod tracks in Permian alevrolites of vicinity of Donji Milanovac (Eastern Serbia).....	44
Miodrag Jovanović	
11. Announcement: The Carboniferous-Permian Transition (May 20-22, 2013, Albuquerque, New Mexico, USA).....	46
12. 1st International Congress on Stratigraphy (Lisbon, 1-7 July, 2013).....	46
13. The The XVIII ICCP, 2015, Kazan.....	47

14. Submission Guidelines for Issue 57.....	48
15. International Permian Time Scale.....	49

Issue #55 (2010)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	1
Charles M. Henderson	
3. Subcommission on Permian Stratigraphy Annual Report 2010.....	2
Charles M. Henderson, Chairman SPS	
4. Permian timescale based on tetrapod evolution: perspectives and problems.....	6
Spencer G. Lucas	
5. New special issues of ICCP2007 published.....	10
6. Report on the second IGCP 572 field workshop, Feb. 20-26, 2010, in the Sultanate of Oman.....	10
Aymon Baud, Michaela Bernecker	
7. Update on base-Artinskian GSSP.....	15
Charles M. Henderson	
8. ICCP 2011 Sessions Call for Papers.....	17
9. Announcement: L XVII ICCP (July 3-7, 2011, Perth).....	18
10. Submission Guidelines for Issue 56.....	32
11. International Permian Time Scale.....	33

Issue #54 (2009)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	1
Charles Henderson	
3. Communication.....	3
Charles Henderson, Galina Kotlyar	
4. Subcommission On Permian Stratigraphy Annual Report 2009.....	7
Charles M. Henderson, Chairman SPS	
5. Insect Burrows from the Upper Permian sequence of Bijori Formation of Satpura Gondwana Basin, India.....	12
A.K. Srivastava, Anju Saxena and Deepa Agnihotri	
6. Report of the Working Group: Neotethys, Paleotethys, and South China intraplatform basin correlations.....	14
Lucia Angiolini, Aymon Baud, Changqun Cao, Matthew E. Clapham, Vladimir Davydov, Valeri Golubev, Tatjana Grunt, Charles Henderson, Irfan U. Jan, Heinz W. Kozur, Ernst Ya. Leven, Aleksandr Markov, Sa'ad Zeki Al-Mashaikie, Giovanni Muttoni, Alda Nicora, Roberto Rettori, Qinghua Shang, Shuzhong Shen, Mike H. Stephenson, Katsumi Ueno, Wei Wang, Xiangdong Wang, Yue Wang and Yichun Zhang	
7. Report of the International Workshop on Precambrian-Cambrian and Permian-Triassic Transitions (2009.11.15~2009.11.16, Nanjing, China).....	27
Shuzhong Shen	
8. Report on the first IGCP 572 field workshop, Sept. 2-6, 2009, in Antalya, southern Turkey.....	29
Aymon Baud, Sylvie Crasquin and Steve Kershaw	
9. Submission Guidelines For Issue 55.....	31
10. In Memoriam (Aleksandr Klets and Zunyi Yang).....	32
11. Announcement: Third annual Fieldworkshop at GUtech, Muscat, Oman...	35
12. Announcement: XVII ICCP (July 3-7, 2011, Perth).....	36

13. Announcement: IGCP 572 Session at ICP3 (June 28 - July 3, 2010, London).....	37
14. Announcement: IGCP 572 Session at Geobiology meeting (June 3-6, 2010, Wuhan, China).....	38
15. International Permian Time Scale.....	40
16. Voting Members of the Subcommission on Permian Stratigraphy.....	41

Issue #53 (2009)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	2
Charles M. Henderson	
3. Report of the field trip of the Permian stratigraphy in central and eastern Iran.....	2
Shuzhong Shen, Mohammad Nabi Gorgij, Wei Wang, Yichun Zhang, Hamed Reza Khammar and Sayed Hojjatollah Tabatabaei	
4. A Preliminary report of the fieldtrip on the Carboniferous-Permian sequences in the north and south of the Longmuco-Shuanghu suture zone, Northern Tibet in May and June, 2009.....	5
Yichun Zhang, Dongxun Yuan and Qingguo Zhai	
5. Preliminary results from the joint Chinese-Russian Project on the Lopingian of the International Permian Standard and the Tatarian of the Regional East European Scale.....	8
Yue Wang, Tatjana Grunt, Shuzhong Shen, Ernst Leven, Xiangdong Wang, Valeri Golubev, Qinghua Shang, Aleksandr Markov and Wei Wang	
6. International Field Workshop and Symposium Report: An approach to the Carboniferous-Early Permian Stratigraphy, Paleontology, Paleogeography and Paleoclimatology of the Calingasta-Uspallata Subbasin (western Argentina) and Tepuel-Genoa Basin (Patagonia), Argentina, February 16 - March 2, 2009.....	10
Arturo C. Taboada, M. Alejandra Pagani and Pablo Puerta	
7. An Approach to the Carboniferous-Early Permian Stratigraphy, Paleontology, Paleogeography And Paleoclimatology of the Calingasta-Uspallata Subbasin (Western Argentina) and Tepuel-Genoa Basin (Patagonia), Argentina: A Fieldguide.....	13
Arturo C. Taboada, M. Alejandra Pagani and Pablo Puerta	
8. Data and Hypotheses from Carboniferous to Triassic Continental Deposits of Italy, Based on the 1999-2006 Brescia and Siena Meetings.....	48
G. Cassinis, C. Perotti, A. Ronchi and G. Santi	
9. Submission Guideline for Issue 54.....	60

10. Third annual Fieldworkshop at GUTech, Muscat, Oman.....	61
11. Announcement: Carboniferous/Permian GSSP Palynological Voucher Specimens Transferred.....	62
Michael T. Dunn, Brandon K. McDonald	
12. Second IGCP 572 Annual field workshop Antalya, Southern Turkey.....	63
13. XVII ICCP (July 3-7, 2011, Perth).....	66
14. International Permian Time Scale.....	71
15. Voting Members of the Subcommission on Permian Stratigraphy.....	72

Issue #52 (2008)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	1
Charles M. Henderson	
3. Report: Subcommission on Permian Stratigraphy: Annual report 2008.....	3
Charles M. Henderson	
4. Correlation of Upper Permian localities in the Kuh-e-Ali Bashi area, NW Iran: old collections, old and new data.....	6
Aymon Baud	
5. Early Permian conodonts from the Olenya-10 borehole, north of Timan-Pechora Province.....	11
Andrey V. Zhuravlev	
6. Notes on the Late Paleozoic tectonics of the southern Alps (Italy) and surrounding regions: geodynamic implications.....	15
C.R. Perotti, G. Cassinis	
7. History of the “Permian and Traissic Geologists Association” (1987-2008)..	16
G. Cassinis, J.J. Châteauneuf	
8. In Memorial: Jean Philippe Marcoux (1940-2008).....	19
Aymon Baud	
9. New Book about Permo-Carboniferous Faunas.....	21
10. Anouncement: IGCP 572: Permian-Triassic Ecosystem (2008-2012).....	22
Zhong Qiang Chen	
11. Fifth Symposium on Permo-Carboniferous faunas at Hradec Kralove (Czech Republic).....	25
12. Next Event for AGPT.....	25
13. ICOS 2009: University of Calgary, Calgary, Alberta, Canada.....	26
14. Submission Guideline for Issue 53.....	27

15. International Permian Time Scale.....	28
16. Voting Members of the SPS.....	29

Issue #51 (2008)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	1
Charles M. Henderson	
3. Report: Resolution of the reported Upper Permian conodont occurrences from northwestern Iran.....	2
Charles M. Henderson, Shilong Mei, Shuzhong Shen, Bruce R. Wardlaw	
4. New SPS Working Group Report: Neotethys, Paleotethys, and South China correlations.....	9
Lucia Angiolini, Yue Wang	
5. New fossil findings and discovery of conodonts in the Guadalupian of Jebel Tebaga de Medenine: Biostrati-graphic implications.....	10
Lucia Angiolini, Chokri Chaouachi, Mohamed Soussi, Vincenzo Verna, Vladimir I. Davydov, Charles M. Henderson, A. Nicora, R. Rettori, L. Carabelli	
6. New data about the Permian section and fusulinids in the Kalmard area (Central Iran, Yazd Province).....	22
E. Ja Leven, M. N. Gorgij	
7. New finds of Permian conodonts in Iran.....	27
A.N. Reimers, E.Ja. Leven, N.B. Rasskazova	
8. Permian in Northwest of Iran.....	28
Rahim Shabanian, Moosa Bagheri	
9. Search for the Permian-Triassic boundary in central Peninsular Malaysia: Preliminary report.....	32
Masatoshi Sone, Ian Metcalfe, Mohd Shafeea Leman	
10. Submission Guideline for Issue 51.....	33
11. International Permian Time Scale.....	34
12. Voting Members of the SPS.....	35
13. Anouncement: ICOS 2009: University of Calgary, Calgary, Alberta, Canada.....	36

Issue #50 (2007)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	1
Charles M. Henderson	
3. Perspectives: Permophiles Perspective: 30 years and 50 issues, Suggestions from a long career in the Continental Permian.....	2
Giuseppe Cassini	
4. Permophiles Perspective: 30 years and 50 issues: The long journey from the globally most unsatisfactory stratigraphic subdivision of all Phanerozoic systems to one with the best elaborated international scale.....	4
Heinza W. Kozur	
5. Permophiles Perspective: Progress and problems of Permian Stratigraphy...6	6
E. Ya. Leven	
6. Permophiles Perspective: A career on the Permian of Gondwana and Angara.....	7
John Utting	
7. Permophiles Perspective: A Reflective Note from a Past Chair.....8	8
Bruce R. Wardlaw	
8. Meeting Report: The Permian of Gondwana and the southern Sydney Basin, SE Australia: Symposium, Field Workshop Report and SPS Business MeetingWG).....	9
Charles M. Henderson, Guang R. Shi, Roger Pierson	
9. Submission Guideline for issue 51.....	11
10. International Permian Time Scale.....	12
11. Voting Members of the SPS.....	13
12. Annual Report.....	14
Charles M. Henderson	
13. Report:Established and Proposed GSSPs of the Cisuralian Stages are Protected.....	18

Vladimir Davydov, Boris Chuvashov, Emir Gareev

14. Preliminary results of palynological study of the Dal'ny Tulkas section, location of the proposed basal Artinskian GSSP.....22
Mike Stephenson
15. The conodont species *Clarkina orientalis* (Barskov and Koroleva, 1970) and its spatial and temporal distribution.....25
Shu-zhong Shen
16. First Reply to “The conodont species *Clarkina orientalis* (Barskov and Koroleva, 1970) and its spatial and temporal distribution”: A short comment.....37
Charles M. Henderson
17. Contents for Permophiles ISSUES 1-49; 1978 to 2007.....39

Issue #49 (2007)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	2
Charles M. Henderson	
3. Report: The XVI International Congress on the Carboniferous and Permian (ICCP2007), Nanjing, China, June 21-24, 2007.....	2
Shuzhong Shen, Xiangdong Wang, Yue Wang	
4. The Cisuralian Field Workshop.....	4
Vladimir Davydov, Charles Henderson	
5. Report on the Continental Autun Meeting, Burgundy, France, 2-4 July 2007.....	6
G. Cassinis, M. Durand, G. Gand, J.-J. Châteauneuf	
6. Progress Report of the International Lopingian Working Group (ILWG).....	8
Shuzhong Shen	
7. Submission Guideline for issue50.....	10
8. International Permian Time Scale.....	11
9. Voting Members of the SPS.....	12
10. Tectonics and Paleogeographic Applications of Peri-Gondwanan Permian Fusulinid Fauna from Kalmard region, East-central Iran.....	13
Vladimir Davydov, Sakineh Are fidard	
11. The Problem of the Recognizing the Changhsingian in Northeastern Asia (Boreal Realm).....	24
M.V. Durante	
12. Discovery of the Latest Permian Condolellid Conodonts from the Microbialites across the Permian-Triassic Boundary in the Tudiya Section, Chongqing, South China and its Implications.....	28
Yuping Qi, Taiping Liao	
13. Discussion on Sea-level Changes at the Permian-Triassic Transition in	

Huaying Area, Chongqing, South China with Implications for the End-Permian Mass Extinction.....	31
Yuping Qi, Taiping Liao, Furong Zhang	
14. Abstracts on Permian GSSP definitions from Session 3 Chaired by Charles M. Henderson and Barry C. Richards: Stratotypes, Boundaries, and Global Correlations. XVI International Congress on the Carboniferous and Permian, Nanjing, China, June 21-24, 2007).....	32
15. In Memorial: Sheng Jinzhang (J.C. Sheng) (1921-2007).....	34
Qun Yang, Jianping Zhou, Zuren Zhou	
16. Anouncement: SPS Working Group: Neotethys, Paleotethys, and South China Correlations.....	37

Issue #48 (2006)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	2
Charles M. Henderson	
3. Meeting Report: Report on the Continental Siena Meeting, Italy, September 2006.....	3
G. Cassinis, A. Lazzarotto, P. Pittau	
4. Working Group Report: Short report on 2005-2006 activities of the non-marine – marine correlation working group of SPS.....	5
J.W. Schneider	
5. Report of SPS Working Group on “Using Permian transitional biotas as gateways for global correlation”.....	7
Guang R. Shi	
6. International Permian Time Scale.....	10
7. Voting Members of the SPS.....	11
8. Submission guideline for Issue 49.....	12
9. Reports: Ostracods (Crustacea) from the Permian-Triassic boundary interval of South China (Huaying Mountains, eastern Sichuan Province): paleo-oxygenation significance.....	12
Sylvie Crasquin-Soleau, Steve Kershaw	
10. Paleobiogeographical and biostratigraphical analysis of the Kazanian (Middle Permian) conodonts of the east Russian Platform-preliminary results.....	15
Andrey V. Zhuravlev, Galina V. Kotlyar, Sergey B. Shishlov	
11. Multielement definition of <i>Jinogondolella</i> Mei and Wardlaw.....	20
Lance Lambert, Bruce Wardlaw, Charles Henderson	
12. Multielement definition of <i>Clarkina</i> Kozur.....	23
Charles Henderson, Bruce Wardlaw, Lance Lambert	
13. Understanding climate change during the final stages of Late Paleozoic	

Gondwanan glaciation - An integrated data-model study.....	25
Isabel Montañez, Vladimir Davydov, Chris Poulsen, Mark Schmitz, Joerg Schneider, Neil Tabor	
14. Discovery of the Middle Permian carbonate deposits in the Gyainyima area of Burang County, southwestern Tibet, China.....	26
Zhang Yichun, Li Wenzhong , Cao Changqun , Shen Shuzhong	
15. In Memorial: In memory of Professor Jin Yugan (1937-2006): An inspirational leader of paleontology and Permian stratigraphy.....	28
Shen Shuzhong, Miao Desui, Wang Xiangdong	
16. In memory of Professor Jin Yugan (1937-2006): A colleague, collaborator and friend to many.....	31
Doug Erwin	
17. In Memorial: In memory of Dr. Gennady Kanev (1941 - 2006).....	32
Tatjana Grunt, Nina Koloda, Lena Malysheva, Evgeny Suxov	
18. Announcements: First Circular for XVI ICCP meeting in Nanjing, June 21-24, 2007 (updated).....	33
19. Announcements: Itinerary for Cisuralian Workshop in 2007.....	36
20. Anoucement: Neil W. Archbold Memorial Symposium, Nov. 24, 2006.....	37

Issue #47 (2006)

1. Notes from the SPS Secretary	1
Shuzhong Shen	
2. Notes from the SPS Chair	2
Charles M. Henderson	
3. Annual SPS Report	3
Charles M. Henderson	
4. Communication: Recent References	5
Manfred Menning	
5. International Permian Time Scale	6
6. Voting Members of the SPS	7
7. Submission guideline for issue 48	8
8. Reports: Beware of your FO and be aware of the FAD	8
Charles M. Henderson	
9. Selected Abstracts presented at IPC 2 in Beijing	9
10. Ceremony for the Base-Changhsingian and Base-Wuchiapingian GSSPs, June 14, 2006	24
Charles M. Henderson	
11. In Memorial: Neil Archbold	25
John Talent	
12. Obituaries for N.D. Newall, J.M. Dickens and N. W. Archbold	30
Bruce Waterhouse	
13. Publication List of Neil Archbold	31
Monica Campi	
14. New Taxa and combinations of Neil Archbold	38
Monica Campi	
15. Anouncement: Continental Permian Meeting in Italy Sept. 22-23, 2006	46

16. Anouncement: Neil W. Archbold Memorial Symposium, Nov. 24, 2006.....	46
17. Anouncement: First Circular for XVI ICCP meeting in Nanjing, June 21-24, 2007.....	46

Issue #46 (2005)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	3
Charles M. Henderson	
3. Voting Members of the SPS.....	5
4. Submission guideline for issue 47.....	6
5. International Correlation of the Marine Permian Time Scale.....	6
Charles M. Henderson	
6. Report of the committee on the Permian System of Russia.....	9
Galina V. Kotlyar and Galina P. Pronina-Nestell	
7. Decision on modernization of the upper series of the Permian System of East-European stratigraphic scale approved by Interdepartmental Stratigraphic Committee of Russia, April 8, 2005.....	13
A.I. Zhamoida and E.L. Prozorovskaya	
8. Report of the fieldtrip on the Carboniferous-Permian sequences in central and southern Mongolia in Summer, 2005.....	14
Wenzhong Li, Ariunchimeg Yarinpil, Qinghua Shang, G.R. Shi, Shuzhong Shen	
9. The Permian Sr isotope stratigraphy of the eastern part of the Russian Plate.....	16
N.G. Nurgalieva, V.A. Ponomarchuk and D.K. Nourgaliev	
10. The Pennsylvanian-Permian of the central and east Iran: Anarak, Ozbak-kuh and Shirgesht areas.....	20
E. Ja. Leven and M.N. Gorgij	
11. Cisuralian or Cis-uralian?.....	23
J.B. Waterhouse	
12. Reply to Gaetani and Angiolini “The Upper Permian in NW Caucasus”....	23
M.K. Nestell, G.P. Pronina-Nestell and G.V. Kotlyar	
13. Meeting report: International Symposium on Triassic Chronostratigraphy and Biotic Recovery.....	25

Tong Jinnan and Mike Orchard

14. Report on the Conference “The Nonmarine Permian”.....	27
Spencer Lucas	
15. In Memorial: James MacGregor (Mac) Dickins (1923-2005).....	29
Peter Jones and Robert S. Nicoll	
16. Anouncement: Second International Palaeontolgical Congress (IPC2006).....	30
17. Anouncement: International Field Conference on the “Stratigraphy and paleogeography of late- and post-Hercynian basins in the Southern Alps, Tuscany and Sardinia, Italy.....	32
18. Anouncement: The next Non-marine Permian Meeting?.....	32

Issue #45 (2005)

1. Notes from the SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the SPS Chair.....	2
Charles M. Henderson	
3. Notes from the SPS Vice-Chair.....	3
Vladimir I Davydov	
4. Voting Members of the SPS.....	5
5. Selected abstracts presented at the Triassic chronostratigraphy and biotic recovery at Chaohu, Anhui, China.....	6
Beatty <i>et al.</i> , (p. 6); Chen, (p. 7); Davydov and Wardlaw, (p. 9); Davydov <i>et al.</i> (p. 12); He, (p. 14); Isozaki, (p. 15); Lehrmann <i>et al.</i> , (p. 16); Nicoll and Metcalfe, (p. 18); Peng <i>et al.</i> , (p. 18); Shen <i>et al.</i> , (p. 20); Wang <i>et al.</i> , (p. 20)	
6. Report on Oman Permian-Triassic fieldtrip in 2005.....	21
Aymon Baud	
7. Discussion on Late Permian - Early Triassic conodonts: Morphological variation and evolutionary succession.....	22
Jun Chen, Charles M. Henderson and Shuzhong Shen	
8. The Upper Permian in NW Caucasus.....	26
Maurizio Gaetani and Lucia Angiolini	
9. Fieldwork in the Bowen Basin kick-starts new international study of the Late Permian - Early Triassic of Australasia-Antarctica.....	27
Ian Metcalfe	
10. Symposium on the Permian and Triassic Playas at Montpellier, France, May 10-12, 2005.....	30
Giuseppe Cassinis, George Grand and Joerg W. Schneider	
11. Isotopic chemostratigraphy of the Permian-Triassic boundary in Zagros Mountains, Aligoudarz, Iran.....	31
Wang Wei, Ryo Matsumoto, Yoshitaka Kakuwa, Mohammad Hosein Mahmudy Gharai, Li Yue, Akihiro Kano, Nilo Matsuda, Katsumi Ueno and Mahmud Rahmati Ilkhchi	

12. Progress report of the Permian-Triassic Time Slice Project.....	36
Bruce R. Wardlaw and Valdimir I. Davydov	
13. Announcement: The Second International Palaeontological Congress, Beijing, China, June 2006.....	39
R. J. Aldridge and Jin Yugan (co-chairs)	
14. Announcement: The Nonmarine Permian in Albuquerque, New Mexico, USA, October 2005.....	42
Spencer Lucas (Chair)	

Issue #44 (2004)

1. Notes from the new SPS Secretary.....	1
Shuzhong Shen	
2. Notes from the past SPS Secretary.....	2
Charles M. Henderson	
3. Notes from the SPS Chair.....	2
Charles M. Henderson	
4. Notes from the past SPS Chair.....	3
Bruce R. Wardlaw	
5. Voting Members of the SPS.....	4
Bruce R. Wardlaw	
6. Global correlation of Lower Permian (Cisuralian) stages: contents and problems as presented at the Symposium G-22.04 (32nd International Geological Congress): some tasks for the future.....	5
Boris I. Chuvashov	
7. Edited Abstracts Presented Monday August 23, 2004 at 32nd IGC (Session 132; G22.04 - Global correlation of the Cisuralian (Lower Permian) stages..	8
Chaired by Boris I. Chuvashov and Charles M. Henderson	
8. Report of SPS Working Group on “Using Transitional Biotas as Gateways for Global Correlation”.....	14
G.R. Shi (Compiler)	
9. Short Report on activities of the non-marine - marine correlation Working Group of the SPS.....	17
Joerg W. Schneider	
10. Guadalupian News.....	18
Bruce R. Wardlaw	
11. New Working Group: Neotethys, Palaeotethys, and S. China intraplatform basin correlation.....	19
Heinz Kozur	
12. International Workshop on the Meishan-Cores Project (October 8-10, 2004, Nanjing).....	22

Yugan Jin

- 13. **The Permian-Triassic Time Slice Project.....23**
Bruce R. Wardlaw
- 14. **Carboniferous-Permian Stratigraphy of the Midcontinent.....25**
Bruce R. Wardlaw, Darren Boardman, and Merlynd Nestell
- 15. **Permian in Kalmard, Shotori, and Shirgesht areas, central-eastern Iran...28**
Sakinch Arefifard and Vladimir Davydov
- 16. **Founding Years of the Subcommission on Permian Stratigraphy and Dedication.....33**
Brian Glenister and Walter Nassichuk
- 17. **Announcement: The Symposium on Triassic Chronostratigraphy and Biotic Recovery.....36**
Michael J. Orchard (Chair)
- 18. **Announcement: The Nonmarine Permian in Albuquerque, New Mexico, USA, October 2005.....37**
Spencer Lucas (Chair)

Issue #43 (2003)

1. Notes from the SPS Secretary.....	1
Charles M. Henderson	
2. Notes from the SPS Chair.....	2
Bruce R. Wardlaw	
3. Subcommission on Permian Stratigraphy Annual Report.....	2
Bruce R. Wardlaw	
4. Voting Members of the SPS.....	4
Bruce R. Wardlaw	
5. Report of the Workshop “Lopingian Stratigraphy and Events”.....	5
Yue Wang and Charles M. Henderson	
6. Proposal for the Global Stratotype Section and Point (GSSP) for the Wuchiapingian-Changhsingian Stage boundary (Upper Permian Lopingian Series).....	8
Yugan Jin, Charles M. Henderson, Bruce R. Wardlaw, Shuzhong Shen, Xiangdong Wang, Yue Wang, Changqun Cao, and Lide Chen	
7. Early Permian flora from the Canadian Arctic revisited.....	24
Hermann W. Pfefferkorn, Ben A. Le Page, John Utting, and Benoit Beauchamp	
8. The age of the palaeomagnetic reversal around the Permian-Triassic boundary.....	25
H.W. Kozur	
9. Dating of the event succession in marine and continental beds around the Permian-Triassic boundary (PTB).....	32
Heinz W. Kozur	
10. Announcement: 32nd IGC in Florence, Italy, August 2004.....	38
Charles M. Henderson and Bruce R. Wardlaw	
11. Announcement: The Nonmarine Permian in Albuquerque, New Mexico, USA, October 2005.....	39
Spencer Lucas	
12. Announcement: GSA Cordilleran and Rocky Mountain sections meeting and CHRONOS P-T workshop, Boise, Idaho, USA, May 2004.....	40

Bruce R. Wardlaw

- 13. **Announcement: Oman fieldtrip, January 2005.....41**
Aymon Baud
- 14. **Announcement: New book “Karbonski gozd”.....41**
Tea Kolar-Jurkovsek

Issue #42 (2003)

1. **Notes from the SPS Secretary**.....1
Charles M. Henderson
2. **Notes from the SPS Chair**.....2
Bruce R. Wardlaw
3. **The Permian of Gondwana and correlation with the global stratigraphic scale**.....4
Neil W. Archbold
4. **Global correlations of the Kungurian and its paleogeographic implications for the assembly of Pangea**.....6
Charles M. Henderson
5. **Permian-Triassic boundary and extinction: Global correlations and their paleogeographic implications for the assembly of Pangea**.....8
Charles M. Henderson and Shilong Mei
6. **Correlation of the Upper Permian and its paleogeographic implications for the evolution of Pangaea**.....9
Yugan Jin, Qinghua Shang, Changqun Cao
7. **Depositional Architecture of basins of the Upper Paleozoic Antler Foreland, northern Pangaea: Examples from Nevada, USA**.....10
Tamra A. Schiappa, Walter S. Snyder, James H. Trexler, Vladimir I. Davydov, Dustin Sweet
8. **Insect biochronozones - a powerful tool in the biostratigraphy of the Pennsylvanian and Permian**.....11
J.W. Schneider, R. Werneburg, Spencer G. Lucas, O. Bethoux, D. Hmich
9. **Permian-Triassic sequences in southern Tibet and end-Permian mass extinction at high southern latitudes**.....13
Shu-zhong Shen, Changqun Cao, Shilong Mei, Yue Wang, Wei Wang, Wen-zhong Li
10. **The Permian of South Primorye, Far East Russia: a gateway for Permian global correlations**.....14
Guang Shi, Galina V. Kotlyar, Yuri D. Zakharov, Jun-ichi Tazawa
11. **Permian-Carboniferous Tectonostratigraphic framework for Western North**

America: Implications for global correlation.....	16
Walter S. Snyder, Tamra A. Schiappa, James H. Trexler Jr., Vladimir I. Davydov, Bruce R. Wardlaw, Patricia Cashman, Dustin Sweet	
12. Chemostratigraphy of the Permian-Triassic boundary in the Middle Zagros area, Iran.....	19
Wei Wang, Ryo Matsumoto, Gharaie Hosein, Shigeru Ohde, Akihiro Kano	
13. Latest Permian fusulinoideans and smaller foraminifers in the Meili section, Guangxi, S. China.....	19
Yue Wang and Katsumi Ueno	
14. Global Guadalupian (Middle Permian) conodont correlation and distribution.....	20
Bruce R. Wardlaw	
15. On the new finding of presumably Angaran type Early Permian flora in the Canadian Arctic.....	21
Igor A. Ignatiev	
16. Integrated Permian ammonoid, conodont, fusulinid, marine ostracod and radiolarian biostratigraphy.....	24
Heinz W. Kozur	
17. Progress on the conodont taxonomy and zonation for the lower part of the Changhsingian.....	33
Bruce R. Wardlaw, Charles M. Henderson, and Shilong Mei	
18. In Memorial: Natalia Esaulova.....	36
G.V. Kotlyar, B.I. Chuvashov, G.P. Nestell, M.K. Nestell	
19. Announcements: 32nd IGC 2004 ,GSA Rocky Mt./Cordilleran Meeting 2004, Siena Proceedings.....	37

Issue #41 (2002)

1. Notes from the SPS Secretary.....1
Charles Henderson
2. Subcommission on Permian Stratigraphy Annual Report by the Chair.....1
Bruce R. Wardlaw
3. Proposal for the Base of the Sakmarian Stage: GSSP in the Kondurovsky Section, Southern Urals, Russia.....4
Boris Chuvashov, Valery Chernykh, Ernst Leven, Vladimir Davydov, Sam Bowring, Jahandar Ramezani, Brian Glenister, Charles Henderson, Tamra Schiappa, C.J. Northrup, Walter Snyder, Claude Spinosa, Bruce Wardlaw
4. Progress report on the base of the Artinskian and base of the Kungurian by the Cisuralian Working Group.....13
Boris Chuvashov, Valery Chernykh, Ernst Leven, Vladimir Davydov, Sam Bowring, Jahandar Ramezani, Brian Glenister, Charles Henderson, Tamra Schiappa, C.J. Northrup, Walter Snyder, Claude Spinosa, Bruce Wardlaw
5. Radiolarian biostratigraphy of the Sakmarian Stage (Lower Permian) in Southern Urals.....16
E.O. Amon and B.I. Chuvashov
6. Transitional Ufimian-Kazanian marine deposits in the southeastern seaboard of the Kanin Peninsula.....26
T. Grunt, D. Lisitzyn, I. Morozova, O. Malysheva, G. Kanev, A. Minikh, and O. Shilovsky
7. Global Permian tetrapod footprint biostratigraphy and biochronology.....30
Spencer G. Lucas
8. Permian-Triassic boundary conodonts from Jolfa-Abadeh Belt along Northwest and Central Iran.....34
H. Partoazar
9. Definition of the Lopingian base with the FAD of *Clarkina postbitteri postbitteri*.....41
Heinz W. Kozur
10. Reply to Kozur “Definition of the Lopingian base with the FAD of *Clarkina postbitteri postbitteri*”.....50
Bruce R. Wardlaw

11.	Reply to Kozur “Definition of the Lopingian base with the FAD of Clarkina postbitteri postbitteri”.....	52
	Charles M. Henderson	
12.	The Newwellian Substage; Rejection of the Bursumian Stage.....	53
	Garner L. Wilde	
13.	In Memorial: Garner Wilde and Alan McGugan.....	63
	Spencer Lucas and Charles M. Henderson	
14.	Announcements: XV ICCP 2003, 32nd IGC 2004, Memoir 19.....	64

Issue #40 (2002)

1. Notes from the SPS Secretary.....	1
Charles M. Henderson	
2. Report from the SPS Chair.....	2
Bruce R. Wardlaw	
3. Voting members of the Subcommission on Permian Stratigraphy.....	3
4. A view on the Permian continental stratigraphy of the Southern Alps, Italy, and general correlation with the Permian of Russia.....	4
Giuseppe Cassinis, Umberto Nicosia, Vladlen R. Lozovsky, and Yuri M. Gubin	
5. Joint Report of SPS Working Group on “Using transitional biota as Gateways for Global Correlation” and the “Permian Research Group of SE Asia.....	17
G.R. Shi, N.W. Archbold, L. Angiolini, T.A. Grunt, G.V. Kotlyar, Ian Metcalfe, Shuzhong Shen, Xiangdong Wang, A.K. Srivastava, and Yuri D. Zakharov	
6. North American Permian tetrapod footprint biostratigraphy.....	22
Spencer G. Lucas	
7. Comments to the base of the Lopingian Series defined in the Penglaitan Section.....	25
H.W. Kozur and Wang, Chengyuan	
8. Reply to Kozur and Wang ‘s“Comments to the base of the Lopingian Series...”.....	30
Charles M. Henderson and Shilong Mei	
9. Reply to Kozur and Wang ‘s“Comments to the base of the Lopingian Series...”.....	31
Bruce R. Wardlaw and Charles M. Henderson	
10. The Upper Roadian Willis Ranch Member of the Word Formation is the Third Limestone Member of the Word Formation of King (1931).....	32
Bruce R. Wardlaw	
11. Announcement: XV ICCP, Utrecht, August 2003.....	33
12. Announcement: XIV ICCP Proceedings Volume available now.....	34

Issue #39 (2001)

1. Notes from the SPS Secretary.....	1
Charles M. Henderson	
2. Notes from the SPS Chair.....	2
Bruce R. Wardlaw	
3. 2001 Annual Report to the International Commission on Stratigraphy, IUGS.....	3
Bruce R. Wardlaw	
4. Histological features of some Late Permian Hindeodus.....	6
Andrey V. Zhuravlev	
5. Update on the definition for the base of the Changhsingian stage, Lopingian series.....	8
Shilong Mei, Charles M. Henderson, and Changqun Cao	
6. A Recommendation: A desirable area and sections for the GSSP of the Changhsingian lower boundary.....	9
Wang Cheng-yuan, Chen Li-de, and Tian Shu-gan	
7. Age of the Permian-Triassic Boundary and Mass Extinction.....	11
Ian Metcalfe and Roland Mundil	
8. Volcanic ashes in the Upper Paleozoic of the southern Urals: their biostratigraphic constraints and potential for radiometric dating.....	13
V. I. Davydov, V. V. Chernykh, B.I. Chuvashov, C. J. Northrup, T.A. Schiappa, and W. S. Snyder	
9. Paleobotany of the Upper Carboniferous/Lower Permian of the southern Urals. Part 3. Generative organs of gymnosperms.....	19
S. V. Naugolnykh	
10. The Bursumian Stage.....	23
Spencer G. Lucas, Barry S. Kues, and Karl Krainer	
11. Two new types of megaspores from the Permian Gondwana Sequence of India.....	28
A. K. Srivastava and Rajni Tewari	
12. Latest Guadalupian-Earliest Lopingian Conodont Faunas from West	

Texas.....	31
Bruce R. Wardlaw, Lance L. Lambert, and Merlynd K. Nestell	
13. Proposal for the GSSP for the Guadalupian/Lopingian Boundary.....	32
Yugan Jin, Charles Henderson, Bruce Wardlaw, and Brian Glenister	
14. Announcements:	
International Palaeontological Congress and new book announcement, Memoir 19 (ICCP).....	42

Issue #38 (2001)

1. Notes from the SPS Secretary.....	1
Charles Henderson	
2. Notes from the SPS Chair.....	1
Bruce R. Wardlaw	
3. Report of the Working Group “The Continental Sequences of the Permian”.....	2
Vladlen R. Lozovsky, Jeorg W. Schneider and Giuseppe Cassinis	
4. Some Problems and New Achievements in the Long Distance Correlations of the Continental Permian of Pangea.....	7
V. R. Lozovsky	
5. Oman Pangea Symposium and Field-meeting Report, Muscat, Sultanate of Oman, 7-20 January, 2001.....	8
6. Middle Permian Conodonts from Oman.....	10
H. W. Kozur, B. R., Wardlaw, A. Baud, F. Bechennec, J. Marcoux and S. Richoz	
7. Joint American-German research effort: Recent studies of the Capitan Reef (Permian: Guadalupian: Capitanian), Guadalupe Mountains, New Mexico-Texas, USA.....	12
Oliver Weidlich and J. A. Fagerstrom	
8. The Guadalupian smooth <i>Mesogondolella</i> faunas and their possible correlations with the international Permian scale.....	15
H. W. Kozur, B. R. Wardlaw, A. Baud, E. Leven, G. Kotlyar, Wang Cheng-yuan and Wang Zhi-hao	
9. Short Reply to Kozur <i>et al.</i> “The Guadalupian smooth <i>Mesogondolella</i> faunas and their possible correlations with the International Permian scale.....	15
Charles Henderson	
10. Smooth Gondolellids from the Kungurian and Guadalupian of the Western U.S.....	22
Bruce R. Wardlaw	
11. A Global Hiatus in the Middle Permian Tetrapod Fossil Record.....	24
Spencer G. Lucas	

12. Re-discussion of the Base of the Lopingian Series.....	27
Wang Cheng-yuan	
13. A Commentary on the proposal for the GSSP for the Guadalupian/Lopingian Boundary.....	30
Yugan Jin, Charles Henderson, Bruce Wardlaw, and Brian Glenister	
14. New Conodont Definitions at the Guadalupian-Lopingian Boundary.....	35
Charles Henderson, Bruce Wardlaw ,Shilong Mei, and Chongqun Cao	
15. Progress on the definition for the base of the Changhsingian.....	37
Shilong Mei, Charles Henderson, Bruce Wardlaw, and Changqun Cao	
16. Announcements: Brescia Intn. Congress Publ., International Palaeontological Congress, Memoir 19 (ICCP).....	38

Issue #37 (2000)

1. Notes from the SPS Secretary.....	1
Chaeles Henderson	
2. Notes from the SPS Chair.....	1
Bruce R. Wardlaw	
3. Report of the Lopingian Working Group.....	5
Jin Yugan	
4. Report of the Working Group “Upper Permian mixed zones”.....	5
Boris Burov and Natalia Esaulova	
5. Submission Guidelines for Issue 38.....	6
6. Abstracts for IGC31 Session “International Standard References for the Permian System: Cisuralian of southern Urals, Guadalupian of southwestern North America, and Lopingian of South China.....	7
Edited by Tamra Schiappa, Bruce Wardlaw, and Brian Glenister	
7. A Discussion on the Definition for the Base of the Lopingian Series.....	19
Wang Cheng-yuan	
8. Reply to “A Discussion on the Definition for the Base of the Lopingian Series”.....	21
Charles M. Henderson	
9. On the Reliability of Ages and Distributions in the Revised Brachiopod Treatise.....	22
Bruce Waterhouse	
10. Permian Paleogeography of the Tethyan realm.....	24
Catherine Jenny and Gerard Stampfli	
11. Announcement: International Symposium on the Global Stratotype of the Permian-Triassic boundary and the Paleozoic-Mesozoic events.....	34
12. Has your address changed since you last received Permophiles?.....	35
13. Announcement: Stratigraphic and Structural Evolution on the Late Carboniferous to Triassic continental and marine successions in Tuscany (Italy).....	36

14. Announcement: Prochaines Manifestations/Next Events from AGP.....	36
15. Donations request.....	37

Issue #36 (2000)

1. **Notes from the SPS Secretary**.....1
Claude Spinosa
2. **Notes from the SPS Chair**.....1
Bruce R. Wardlaw
3. **Emerging Consensus for the Guadalupian-Lopingian Boundary**.....3
Charles Henderson, Jin Yugan, and Bruce Wardlaw
4. **In Memory of Vasily Ermolaevich Ruzhencev**.....4
By A.A. Shevyrev (Translated by V.I. Davydov)
5. **The Bursum Formation Stratotype, Upper Carboniferous of New Mexico, and the Bursumian Stage**.....7
Spencer G. Lucas and Garner L. Wilde
6. **Preliminary Placement of the International Lower Permian Working Standard to the Glass Mountains, Texas**.....11
Bruce R. Wardlaw and Vladimir I. Davydov
7. **The Base of the Permian System in China Defined by *Streptognathodus isolatus***.....14
Wang Cheng-yuan
8. **Preliminary Cool Water Permian Conodont Zonation in North Pangea: a Review**.....16
Charles M. Henderson and Shilong Mei
9. **Paleobotany of the Upper Carboniferous/Lower Permian of the southern Urals. Part 2. Roots and Woods**.....24
S.V. Naugolnykh
10. **Designing A Computer-Based Information System for Quantitative Palaeobiogeography of Permian Brachiopods**.....28
Edward C. Zhang, G.R. Shi and Shuzhong Sheng and Wanlei Zhou
11. **Geographical Cline in Permian Neogondolellids and Its Role in Taxonomy: A Brief Introduction**.....32
Charles M. Henderson and Shilong Mei
12. **Conodont definition on the basal boundary of Lopingian stages: A report**

from the International Working Group on the Lopingian Series.....	37
Jin Yugan	
13. Has your address changed since you last received Permophiles?.....	40
14. Correspondence.....	41
15. Announcements.....	43

Issue #35 (1999)

1. Notes from the SPS Secretary.....	1
Claude Spinosa	
2. Notes from the SPS Chair.....	1
Bruce R. Wardlaw	
3. Vote on Guadalupian and its Component Stages as International Standards for the Middle Permian.....	4
4. Vote on Meishan as GSSP for the Permian-Triassic Boundary.....	4
5. Report of the SPS Working Group: ‘Using Transitional Biotas as Gateways for Global Correlation’.....	5
G. R. Shi and N. W. Archbold	
6. To Voting Members of the Carboniferous and Permian Subcommissions.....	7
7. Permian Conodont Provincialism, Zonation and Global Correlation.....	9
Shilong Mei, Charles M. Henderson and Yugan Jin	
8. Tympanocysta and the Terminal Permian Events.....	16
Valentin A. Krassilov, Sergey A. Afonin and Sophia S. Barinova	
9. Studies of the Upper Permian Reefs in Hunan Province (People Republic of China).....	17
I.S. Barskov, Wang Yongbia and Gong Shuyong	
10. Changhsingian of the Northwestern Caucasus, Southern Primorye and Southeastern Pamirs.....	18
Galina V. Kotlyar, Galina P. Nestell, Yuri D. Zakharov and Merlynd K. Nestell	
11. Correlation of Guadalupian Series with the Abadeh Section.....	22
Hooshang Taraz	
12. Alternative Proposal of International Standard References for the Middle and Late Permian Series.....	25
T. Grunt, E. Molostovsky, B. Burov, N. Esaulova, N. Kalashnikov, G. Kanev, N. Koloda, I. Molostovskaya and M. Minikh	
13. Response of the Editors (C.S., B.F.G., B.R.W.).....	26

14. Kungurian/Ufimian Boundary in Pai-Khoy	27
Kotlyar, G.V., Popov, A.V., Gus'kov, V.A. and Pukhonto, S.K.	
15. Lower and Upper Permian Boundary in the Pechora Basin	29
Svetlana K. Pukhonto	
16. Fusulinid Biostratigraphy in Asselian/Sakmarian Transition in Stratotype Area Southern Urals, Russia	30
Davydov, V. I., Leven, E. Ya and Chuvashov, B. I.	
17. Oman Pangea Symposium and Field Meeting	32
18. 31st International Geological Congress	33

Issue #34(1999)

1. **Notes from the SPS Secretary**.....1
Claude Spinoso
2. **Notes from the SPS Chair**.....2
Bruce R. Wardlaw
3. **Proposal of Guadalupian and Component Roadian, Wordian and Capitanian Stages as International Standards for the Middle Permian Series**.....3
Brian F. Glenister, Bruce R. Wardlaw, Lance L. Lambert, Claude Spinoso, S. A. Bowring, D. H. Erwin, Manfred Menning and Garner L. Wilde
4. **Floristic Evidence of Transitional Permian-Triassic Deposits of the Volga - Dvina Region**.....12
V. A. Krassilov and S. A. Afonin, V. R. Lozovsky
5. **Astronomical Calibration of the East-Russian Plate Upper Permian Sedimentary Cycles: Preliminary Data about Duration of the Kazanian Stage**.....15
Danis K. Nourgaliev and Nouria G. Nourgalieva
6. **The Base of the Sakmarian Stage: Call for Discussion (Possible GSSP in the Kondurovsky Section, Southern Urals, Russia)**.....19
Bruce R. Wardlaw, Ernst Ya. Leven, Vladimir I. Davydov, Tamra A. Schiappa and Walter S. Snyder
7. **Upper Permian of Angaraland (Series and Stages Boundaries)**.....26
Marina Durante and Svetlana Pukhonto
8. **A Serious Question for the Voting Members of SPS**.....31
Hooshang Taraz
9. **A Report from the International Conference on Pangea and the Paleozoic Mesozoic Transition**.....33
Yin Hongfu
10. **Report of the Working Group “The Continental Sequences of the Permian”**.....35
Vladlen Lozovsky and J.W. Schneider
11. **Fascination of the South China Sections**.....36
Tatyana Leonova, Valentin Krassilov and Igor Manankov

12. Letter from Tatjana A. Grunt.....	36
Tatjana A. Grunt	
13. Response from the SPS Chair.....	37
14. Announcements.....	38

Issue #33 (1999)

1. **Notes from the SPS Secretary**.....1
Claude Spinosa
2. **Notes from the SPS Chair**.....2
Bruce R. Wardlaw
3. **Voting Members of the Subcommission on Permian Stratigraphy**.....3
4. **Proposal of Guadalupian and Component Roadian, Wordian and Capitanian Stages as International Standards for the Middle Permian Series**.....4
Brian F. Glenister
5. **SPS New Working Group: "Using Permian Transitional Biotas as Gateways For Global Correlation"**.....5
G. R. Shi and N. W. Archbold
6. **Comments on the International Symposium Upper Permian Stratotypes of the Volga Region**.....7
Claude Spinosa
7. **Report on the International Symposium Upper Permian Stratotypes of the Volga Region**.....8
Natalia Esaulova
8. **Decision of the RAS Scientific Council for Geomagnetism and the Council's Magnetostratigraphic Working Group**.....9
E. A. Molostovsky
9. **How To Save the Traditional Nomenclature of Upper Permian Stages?**.....10
S. S. Lazarev
10. **Evolution of Jinogondolella and the Definition of Middle Permian Stage Boundaries**.....12
Bruce R. Wardlaw and Lance L. Lambert
11. **The Permian Lopingian and Basal Triassic Sequence in Northwest Iran**...14
Walter C. Sweet and Shilong Mei
12. **A Large Carbon Isotope Anomaly at the Carboniferous-Permian Boundary: the Usolka River Section of Russia**.....19
Stephen T. Nelson and Scott M. Ritter

13. A Brief Discussion on the Occurrences of *Scutasperites unicus* and *Lueckisporites virkkiae* Complexes In the Northern Hemisphere.....21
Ouyang Shu
14. Palynostratigraphic Correlation of the Permian System of Northern Xinjiang and The Cis-Urals.....24
Ouyang Shu, Zhou Yuxing, Wang Zhi, Zhan Jiazhen
15. Paleobotany of the Upper Carboniferous/Lower Permian of the Southern Urals. Part 1. Seeds and Enigmatics.....27
S.V. Naugoinykh
16. Degraded Permian Palynomorphs from North-East Himalaya, India.....32
Suresh C. Srivastava, A.K. Srivastava, A.P. Bhattacharyya and Rajni Tewari
17. Diverse Permian Coral Faunas Are Widely Distributed In Thailand.....36
Henri Fontaine
18. New Paleontological Data From The Early Kazanian Type Area.....38
V.M. Igonin and O.N. Klevtsov.
19. Uniform Usage of Upper Carboniferous and Lower Permian Stage Names.....39
V. I. Davydov and Claude Spinosa

Issue #32 (1998)

1. Notes from the SPS Secretary.....	1
Claude Spinosa	
2. Chairman's Notes.....	1
Bruce R. Wardlaw	
3. Stratigraphy and Sequence Stratigraphy of Kondurovka and Novogafarovo, the Potential Sakmarian Boundary Stratotype, Southern Ural Mountains, Russia.....	2
Tamra A. Schiappa and Walter S. Snyder	
4. Conodont-Based Refinement of the Aktastinian - Baigendzhinian (Artinskian) Substage Boundary at the Aktasty Hills Section, Southern Ural Mountains, Kazakhstan.....	7
D. A. Kerner, V. I. Davydov, W. S. Snyder, and C. Spinosa	
5. Permian Stratigraphic Units of the Western Verkhoyansk Mountains and their Correlation.....	8
Aleksandr G. Klets, Igor V. Budnikov, Ruslan V. Kutygin, and Vitaly S. Grinenko	
6. <i>Hindeodus parvus</i> : Advantages and Problems.....	8
Wang Cheng-yuan	
7. Permian Brachiopods from the Selong Xishan Section, Southern Xizang (Tibet): Preliminary Assemblages and Stratigraphical Implications.....	14
Shuzhong Shen, N.W. Archbold, G.R. Shi and Z.Q. Chen	
8. Permian Tetrapod Biochronology.....	17
Spencer G. Lucas	
9. Graphic Correlation Applied to Lower Permian Stratigraphic Sections of the Glass Mountains, West Texas.....	24
Stephen L. Benoist	
10. Graphic Correlation of Upper Carboniferous - Lower Permian Strata of Spitsbergen and the Loppa High, Barents Sea Shelf.....	32
R. M. Anisimov, V. I. Davydov, and I. Nilsson	
11. Carboniferous and Permian Stratigraphy of the Baoshan Block, West Yunnan, Southwest China.....	38

Wang Xiang-dong, Tetsuo Sugiyama and Katsumi Ueno

12. Announcements.....	42
------------------------	----

Issue #31(1998)

1. Notes from the SPS Secretary.....	1
Claude Spinosa	
2. Annual Report 1997	
Subcommission on Permian Stratigraphy.....	1
Bruce Wardlaw	
3. <i>Clarkina</i> (conodont) Zonation for the Upper Permian of China.....	3
Bruce R. Wardlaw and Mei Shilong	
4. Evolution in the Hindeodus Apparatus in the uppermost Permian and lowermost Triassic.....	5
Bruce R. Wardlaw and Mei Shilong	
5. New reference sections for the Upper Carboniferous and Lower Permian in Northeast Nevada.....	5
Bruce R. Wardlaw, Vladimir Davydov, Mei Shilong, and Charles Henderson	
6. Preface to Compilation of Permophiles.....	8
Brian F. Glenister and Walter W. Nassichuk	
7. Preliminary Palynological Assessment of Selected Horizons Across the Carboniferous/Permian Boundary, Aidaralash Creek, Kazakhstan.....	10
Michael T. Dunn	
8. Miscellaneous Permian Taxa of Western North America: Paleobiogeographic, Paleogeographic, Biostratigraphic and Paleoecologic Implications.....	12
Rex Alan Hanger	
9. Not Heritschioides in Europe Yet.....	15
Edward C. Wilson	
10. The Permian sequence at Wairaki Downs, Southern New Zealand.....	15
J. B. Waterhouse	
11. Sequence Stratigraphy of the Lower Permian Along the Kosva River (Gubakha area, Central Urals, Russia).....	17
A. Izart, O.Kossovaya, D.Vachard and D.Vaslet	
12. Interzonation of Artinskian Fusulinids And Conodonts (Western Urals, Russia).....	21

B. I. Chuvashov and Dr. V. V. Chernykh

13. **Some Remarks on the Late Palaeozoic Events of Bulgaria.....**25
S. Yanev and G. Cassinis.
14. **Discussion on Permian-Triassic Conodont Study.....**32
Lai Xulong
15. **Permian Chronostratigraphic Subdivisions.....**35
Brian F. Glenister and Bruce R. Wardlaw
16. **Permian Ammonoid Perrinites Fauna Associated with Fusulinids Misellina in Thailand.....**36
Zuren Zhou and Malai Liengjarern
17. **IGCP Project Annual Report Project no. 359.....**37
18. **Upper Carboniferous and Lower Permian Stratigraphic Studies: Southern Ural Mountains, Russia and Kazakhstan. Summary of the 1997 Field Season: Permian Research Institute, Boise, Idaho, USA and VSEGEI, St. Petersburg, Russia.....**39
Dale A. Kerner, Vladimir I. Davydov and Kyle Graff
19. **Report on the Activities and State of Art of “Working Group 5” of the SPS.....**40
V. R. Lozovsky and J.W. Schneider
20. **Report from the International Fish Microvertebrate Group.....**41
Susan Turner
21. **International Field Conference on: The continental Permian of the Southern Alps and Sardinia (Italy). Regional reports and general correlations.....**41
22. **International Conference on Pangea and the Paleozoic-Mesozoic Transition (First Circular).....**42
23. **International Symposium: Upper Permian Stratotypes of the Volga Region.....**42
24. **The Strzelecki International Symposium on the Permian of Eastern Tehys: Biostratigraphy, Palaeogeography and Resources, Recently held at Deakin University, Melbourne, Australia; 30 November - 3 December 1997.....**44
G. R. Shi

25. PaleoForams '97 Conference Report.....	45
Charles A. Ross and June R. P. Ross	
26. Permian Research.....	47

Issue #30 (1997)

1. Notes from the SPS Secretary.....	1
Claude Spinosa	
2. Note from the SPS Chairman.....	2
Bruce R. Wardlaw	
3. Proposed new chronostratigraphic units for the Upper Permian.....	3
Amos Salvador	
4. Comments on Subdivisions of the Permian and a Standard World Scale.....	4
Neil W. Archbold and J. Mac Dickins	
5. Permian chronostratigraphic subdivisions.....	5
Jin Yugan, Bruce R. Wardlaw, Brian F. Glenister and Galina V. Kotlyar	
6. The Permian Time-scale.....	6
J. B. Waterhouse	
7. Sequence Stratigraphy along Aidaralash Creek and the Carboniferous/Permian GSSP.....	8
Walter S. Snyder and Dora M. Gallegos	
8. Upper Paleozoic Fusulinacean Biostratigraphy of the Southern Urals.....	11
Vladimir I. Davydov, Walter S. Snyder and Claude Spinosa	
9. Cordaitalean seeds from Baigendzhinian strata of Aidaralash Creek, southern Ural Mountains.....	14
Michael T. Dunn	
10. Late Permian palynomorph assemblages from Ufimian and Kazanian type sequences in Russia, and comparison with Roadian and Wordian assemblages from the Canadian Arctic.....	15
J. Utting, N.K. Esaulova, V.V. Silantiev, and O.V. Makarova	
11. The Earliest Permian Palynological Event in Gondwana and its Palaeoclimatic Implication.....	15
Yang Weiping	
12. Insect and Insect Activities in Permian Gondwana of India.....	17
A. K. Srivastava	

13. Fusulinid biostratigraphy in Upper Carboniferous (Gzhelian) and Lower Permian (Asselian-Sakmarian) successions of Spitsbergen, Arctic Norway	18
Inger Nilsson and Vladimir I. Davydov	
14. Correlation charts of selected Permian strata from Iran	24
Darioush Baghbani	
15. Permian deposits of the Barai River, West Verkhoyanie	27
Igor V. Budnikov	
16. Permian-Triassic Boundary Working GroupNewsletter No. 6 (3 September, 1996)	27
17. Announcement of Field Conferences	29
18. Notes	30
19. Necrology	31
20. Addresses	32

Issue #29 (1996)

1. Secretary's notes.....	1
Claude Spinosa	
2. Report from working group of the Asselian, Sakmarian and Artinskian stratotypes.....	2
B. Chuvashov	
3. Report of the Guadalupian working group.....	3
Brian F. Glenister	
4. Report of the Carboniferous-Permian boundary working group.....	4
Brian F. Glenister and Bruce R. Wardlaw	
5. Letter from V.Ganelin, A. Gomankov, M. Durante, T. Grunt, S. Lazarev, I. Morozova, V. Gorsky, E. Guseva, and S. Pukhonto.....	6
6. Letter from B.V. Burov, A. K. Gusev, N. K. Esaulov, V. G. Khalimbadzha and A.I. Shevelev.....	6
7. Letter from I. A. Dobruskina.....	8
8. Letter from B. V. Burov.....	8
9. Letter from S. K. PuKhonto.....	11
10. Letter from Tatjana Grunt.....	12
11. Letter from Marina Durante.....	15
12. Letter from S. Lazarev.....	16
13. Letter from A.I. Shevelev.....	17
14. Some general considerations concerning the definition of stratigraphic Units and their boundaries. Comments to statements opposed to the new subdivision of the Permian System, as adopted by the Subcommission on Permian Stratigraphy of ICS.....	18
Jurgen Remane	
15. Response to 9 letters.....	19
Brian F. Glenister	

16. Approach to a precise global chronostratigraphic scale --A reply to the comments on the proposed integrated chronostratigraphic scheme for the Permian System.....19
Jin Yu-gan and M. Menning
17. Some remarks about the new stratigraphic scale for the Pernnian system.....22
B. I. Chuvashov
18. On the problems of the Permian Global Scale.....23
E.Ya. Leven
19. Guidelines for the establishment of global chronostratigraphic standards by the International Commission on Stratigraphy (ICS) (Revised).....25
J. Remane, M.G. Bassett, J.W. Cowie, K.H. Gohrbandt, H.R. Lane, O. Michelsen and Wang Naiwen, with the cooperation of members of ICS
20. Conodont evolutionary lineage and zonation for the Latest Permian-and the Earliest Triassic.....30
Wang Cheng-yuan
21. Conodont biostratigraphy of the Nikolsky section (southern Urals): a progress report.....37
V. V. Chernykh and S. M. Ritter
22. A possible North-South Correlation of the Permian.....40
Jin Yu-gan and M. Menning
23. Carbon and oxygen isotope variations in the Permian-Triassic boundary carbonate sequence from the Idrijca Valley (W. Slovenia).....42
Tadej Dolenc and Antonio Ramovš
24. Approaches to Permian world climates and biogeography.....44
Alfred M. Ziegler and Mark T. Gibbs
25. Fusulinid biostratigraphy and the correlation of Moscovian-Guadalupian North American, Tethyan and Boreal (Russian Platform/Uralian) standards.....47
V. I. Davydov
26. Multi-Episodal Extinction and Ecological Differentiation of Permian Ammonoids.....52
Zuren Zhou, Brian F. Glenister, W.M. Furnish and Claude Spinosa

27. Late Permian fauna from the Khuff Formation, South Oman.....	62
Lucia Angiolini, Alda Nicora, Hugo Bucher, Aymon Baud, Daniel Vachard, Jean-Pierre Platel, Jack Roger, Jean Broutin, Jean Marcoux, Alain Pillevuit, and Haroub Al Hashmi	
28. Books, announcements, and miscellaneous	
Bibliography of Gondwana Palynology.....	64
Roseline H. Weiss	
29. The Palaeozoic-Mesozoic Boundary--candidates of The Global Stratotype Section and Point (Gssp) of the Permian-Triassic Boundary.....	65
Yin Hongfu	
30. International Conference on Permian of eastern Tethys.....	65

Issue #28 (1996)

1. Secretary's Note.....	1
J. Utting	
2. Election of New Officers.....	1
3. Note From Forthcoming Subcommission Secretary.....	1
Claude Spinosa	
4. Subcommission on Permian Stratigraphy - Report of the Meeting in Alpine Texas.....	1
Claude Spinosa	
5. A Global Chronostratigraphic Scheme for the Permian System.....	4
Jin Yugan	
6. Middle Permian Stratotype.....	10
Hooshang Taraz	
7. A Successor Project for IGCP 328: Paleozoic Microvertebrates?.....	10
Susan Turner	
8. A Summary of Floral Distribution in the Permian Gondwana Sequence of India.....	11
A.K. Srivastava	
9. The Significance of Exine Structures in the Gene-Pool of Saccate Pollen for Their Real Identity.....	12
Vijaya	
10. “DCB”-A Golden Jubilee Tribute.....	12
Archana Tripathi	
11. Palynostratigraphic Studies in Late-Paleozoic and Mesozoic Sequences in Niti and Spiti areas of Tethys Himalayas.....	13
Vijaya	
12. The Palynology and Age of Kongshuhe Formation of Tengchong Block in West Yunnan, China.....	14
Yang Weiping	
13. Discovery of <i>Palaeofusulina</i> Fauna in the Lower Part of the Heshan	

Formation (Early Wuchiapingian) in Laibin,Guangxi,China.....	15
Zhu Zili	
14. The Chihsian Series in South China.....	16
Zhu Zili	
15. Analogue of the Ufimian, Kazanian and Tatarian States of Russian in North-Western China Based on Miospores and Bivalves.....	17
Nina Koloda and Gennady Kanev	
16. Kungurian and Ufimian Permian Hypostratotypes in North Cisurals, Pechora.....	24
Svetlana Kirillovna Pukhonto	
17. Permian Plant Localities in the Northern Cisurals.....	25
I.A. Dobruskina and M.V. Durante	
18. Permian Plant Localities in the Southern Cisurals.....	27
I.A. Dobruskina and M.V. Durante	
19. Permian of East Yakutia.....	27
Igor V. Budnikov, Aleksandr G. Klets, Vitaly S. Grinenko, Ruslan V. Kutygin	
20. Radiometric (Shrimp) Dates for some Biostratigraphic Horizons and Event Levels from the Russian and Eastern Australian Upper Carboniferous and Permian.....	29
Chuvashov, B.L., Foster, C.B., Mizens, G.A., Roberts, J., Claoué-Long, J.C.	
21. Conodont Fauna from the Permian-Triassic Boundary: Observations and Reservations.....	36
M.J. Orchard	
22. Tetrapod Biochronology Supports Three-Epoch Permian.....	39
Spencer G. Lucas	
23. Revised Permian Lithostratigraphy in the Netherlands.....	44
M.C. Geluk	
24. Research in Progress on the Permian Deposits of Sardinia (Italy).....	45
J.Broutin, G. Cassinis, L. Cortesogno, L. Gaggero, A. Ronchi, E. Sarria	
25. Announcement XIV-International Congress on Carboniferous-Permian.....	49
C. Henderson	

Issue #27 (1995)

1. Secretary's Note.....	1
J.Utting	
2. Minutes of Business Meeting of Subcommission on Permian Stratigraphy: 30 August 1995, XIII International Congress on Carboniferous-Permian (XIII ICC-P), Krakow, Poland.....	1
3. Upper Permian Working Group.....	2
J.M. Dickins	
4. Annual Report about the activity of the Continental Sequences of Permian and Permian/Triassic Boundary Working Group.....	3
Prof. V.R. Lozovsky	
5. Report of the Permian-Triassic Boundary Working Group to the meeting of Permian Subcommission.....	4
Yin Hongfu	
6. Field Work on the Lopingian Stratigraphy in Iran.....	5
The Iranian-Chinese Research Group	
7. The Transition from Carboniferous to Permian in the Carbonate Rocks of Thailand.....	6
Henri Fontaine and Varavudh Suteethorn	
8. Lower-Upper Permian Boundary in Pechora and Kuznetzk coal-fields.....	8
S.K. Pukhonto	
9. Carboniferous and Permian Plant localities in the Middle Cisural.....	13
I.A. Dobruskina and M.V. Durante	
10. Sakmarian Brachiopods from Southern Oman.....	17
Angiolina, L., Baud, A., Broutin, J., Bucher, H., Al Hashmi H., Marcoux J., Platel, J.P., Pillevuit, A., Roger, J.	
11. Cross correlation of Early Permian Marine Biochronology and Tetrapod Footprints, Southern New Mexico, USA.....	19
Spencer G. Lucas	
12. Present Status and Recent Developments of New Zealand Permian Biostratigraphy.....	22

H.J. Campbell, S.R. Owen and C.A. Landis

13. **Murgabian and Midian States of the Tethyan Realm.....23**
Galina V. Kotlvar and Galina P. Pronina
14. **The importance of the Permian Pelagic Sequences of the Sosio Valley (Sicily, Italy) for the elaboration of an International Permian Scale.....26**
H. Kozur
15. **International Symposium “Evolution of Permian marine Biota”.....27**
Margarita Bogoslovskaya, Tatyana Grunt, Lidia Kuzina, Tatyana Leonova, Natalia Esaulova, Vladimir Chermnykh
16. **On the Problems of the Study of the Upper Permian Stratotypes.....30**
Boris V. Burov and Natalia K. Esaulova
17. **Correlation of the Upper Permian Floristic Complexes of the Volga-Urals Region of Russia with Dalongkou Section of China.....34**
N.K. Esaulova
18. **On the Problems of the International Permian Stratigraphic Scale.....38**
A.I. Shevelev, Natalia K. Esaulova
19. **The Upper Permian of the Salt Range area revisited: New Stable Isotope Data.....39**
Aymon Baud, Viorel Atudorei, Zachary Sharp
20. **Early Permian Footprints and Facies, Bulletin 6, 1995.....42**
21. **Second Announcement - The Guadalupian Symposium II, April 10-14, 1996.43**

Issue #26 (1995)

1. Secretary's Note.....	1
J. Utting	
2. The Permian in the British Isles - an update.....	1
Denys B. Smith	
3. Proposal of Aidaralash as GSSP for the Base of the Permian System.....	1
Vladimir I. Davydov, Brian F. Glenister, Claude Spinosa, Scott M. Ritter, V.V. Chernykh, B.R. Wardlaw, W.S. Snyder	
4. The Carboniferous/Permian Boundary in South China.....	9
V. Davydov.	
5. Lower Permian of the Carnic Alps (Austria): State of the art and current research.....	11
Erik Flügel and Franz Kahler	
6. Cyclic Sedimentation Patterns of the Lower Pseudoschwagerina Limestone. (Latest Carboniferous, Carnic Alps).....	11
Elias Samankassou	
7. Uppermost Carboniferous Mounds in the Carnic Alps (Austria).....	12
Wolfram Kraft	
8. Upper Carboniferous and Lower Permian Ostracods of the Carnic Alps (Austria): Systematics, Biostratigraphy and Paleoecology.....	12
Beate Fohrer	
9. The Carboniferous/Permian Boundary in the Carnic Alps (Austria): Additional observations on correlating fusulinid zones in the stratotype sections of the Southern Urals and the Darvaz. Region with the Schulterkofel Section.....	13
Holger C. Forke	
10. Biostratigraphy of the Lower Permian of the Carnic Alps (Austria): Fusulinid and conodont data.....	17
Holger C. Forke	
11. Early and Middle Permian Regression and Transgression in South China..	19
Zhu Zili	

12. Upper Permian Conodont Standard Zonation	20
Wang Cheng-yuan	
13. Comments on the Proposed Operational Scheme of Permian Chronostratigraphy	23
Galina V. Kotlyar	
14. Comments by H. Taraz on the Proposed Operational Scheme of Permian Chronostratigraphy	25
Hooshang Taraz	
15. Proposal for a Combined Reference Section of the Central European Continental Carboniferous and Permian for Correlations with Marine Standard Sections	26
J.W. Schneider, R.R. Röbler and B.G. Gaitzsch	
16. Recent Publications	32
17. Announcement	33

Issue #25 (1994)

1. Secretary's note.....	1
J. Utting	
2. Minutes of the subcommission on Permian stratigraphy business meeting Guiyang august 28, 1994 (7.30 -9.30 P.M.).....	1
3. General report on the Carboniferous-Permian Boundary Working Group..	2
B.F. Glenister (Chairperson) and B.R.Wardlaw (Secretary)	
4. Carboniferous/Permian Boundary in Russia Working Group.....	4
Vladimir I. Davydov	
5. Preliminary biostratigraphic assessment of Conodonts from the proposed Carboniferous-Permian Boundary stratotype, Aldaralash Creek, Northern Kazakstan.....	4
V.V. Chernykh and S.M. Ritter	
6. Progress report of Permian Stratotypes Working Group.....	7
B. Chuvashov	
7. Report on the Lopingian series by the Chinese Working Group.....	8
Jin Yukan	
8. Continental sequence of Permian and Permian/ Triassic Boundary Working Group.....	9
Prof. Vladlen R. Lozovsky	
9. Revised operational scheme of Permian chronostratigraphy.....	12
Jin Yu-gan and Sheng Jin-zhang, Brian F. Glenister and W.M. Furnish, Galina V. Kotlyar, Bruce R. Wardlaw, Heinz Kozur, Charles R. Ross, Claude Spinosa	
10. Comments on the proposed operational scheme of Permian chronostratigraphy.....	15
M.F. Bogoslovskaya, T.B. Leonova	
11. Comments by E.Y. Leven on the proposed operational scheme of Permian chronostratigraphy.....	17
Ernst Ya Leven	
12. Comments by V.I. Davydov on the proposed operational scheme of Permian chronostratigraphy.....	20

Vladimir I. Davydov

- 13. Standard Permian biostratigraphic scale with respect to Permian marine biogeography.....21
Tatjana Grunt
- 14. Permian stratigraphy in the Southern Alps (Italy): new contributions.....25
Claudio Neri, Francesco Massari, Maria Alessandra Conti, Nino Nicosia and Paola Pittau
- 15. Palynological correlation of the type tatarian: continuing the discussion.....33
A.V. Gomankov
- 16. Upper Permian monograph.....35
N.K. Esaulova
- 17. Permian-Triassic Boundary Working Group
Newsletter no. 3. October 1994.....36
Jin Hongfu
- 18. Annual report of Tethyan, circum-Pacific and marginal Gondwanan Late Paleozoic and Early Mesozoic correlation (biota, facies, formations, geochemistry and events).....37
Yin Hongfu
- 19. Availability of perm conference papers.....41
- 20. Announcement- The Guadalupian symposium II
April 4-6,1996 - Alpine, Texas.....43
- 21. Acknowledgements.....43

Issue #24 (1994)

1. Chairman's Note.....	1
2. Secretary's Note.....	2
3. The need for a Bursumian Stage, Uppermost Carboniferous, North America.....	3
4. Desiderata for descriptions of Permian coral faunas.....	6
5. Notes on the Permian tectonics of the central southern Alps (Italy).....	7
6. A schematic record of the Italian Permian sediments with fusulinids.....	8
7. Permian brachiopod biogeography of the western Pacific in relation to terrane displacement and climatic change.....	10
8. Permian palaeontology of western Australia.....	11
9. Preliminary report on the Permian conodont fauna of Darvas and SE-Pamir and its importance for the Permian Time Scale.....	13
10. The Permian of central and eastern Thailand (western margin of the Indochina Microcontinent).....	15
11. Permian pelagic and shallow-water conodont zonation.....	16
12. <i>Sphaeroschwagerina vulgaris</i> - <i>Ss. fusiformis</i> Zone. A restudy of type fusulinids in P.I. Krotov's (1888) and D.F. Shamov's (1940) collections.....	21
13. Early Permian deglaciation sequences reflect end of "ice house" conditions in northern Gondwana.....	22
14. On the study of the boundary strata between Guadalupian and Lopingian Series.....	24
15. The <i>Lepidolina kumaensis</i> Zone and its position in the Tethyan stratigraphical scale.....	26
16. Morphometric confirmation of the <i>Mesogondolella idahoensis</i> to <i>M. nankingensis</i> transition.....	28

17. The Upper Permian deposits of the Volga-Ural region, Russia.....	35
18. Correlation between Australia and the type Tatarian, Russian platform, evidence from palynology and Conchostraca: a discussion.....	36
19. Upper Permian Ochoa Group of west Texas and southeastern New Mexico.	43
20. Is there a precise Permian-Triassic boundary?.....	46
21. Consider the "unnatural" - for correlation potential.....	48
22. Conodonts from Otoceras beds: are they Permian?.....	49
23. The Permian/Triassic boundary and possible causes of the faunal change near the P/T boundary.....	51
24. The PermianITriassic boundary in the continental series of the Moscow Syneclide: recent achievements.....	55
25. Some comments and suggestions: Definition of the Permian-Triassic boundary.....	60
26. Permian and Triassic of Turpan-Hami Basin, northwest China.....	62
27. Acknowledgements.....	62

Issue #23 (1993)

1. Chairman's note.....	1
2. Secretary's note.....	1
3. Minutes of the Subcommission on Permian Stratigraphy and Carboniferous/Permian Boundary Working Group meeting at Pangea Conference, Calgary, Alberta.....	1
4. The Carboniferous/Permian boundary in Russia and its position in the Aidaralash type-section of the Urals (a reply to the article by B.I. Chuvashov <i>et al.</i> In "Permophiles", No.22, June 1993).....	5
5. A progress report Aidaralash as candidate stratotype section for the Carboniferous-Permian Boundary.....	9
6. Correlation of the Lower Permian of the Urals and Canada.....	11
7. Lower Permian brachiopods from Karakorum, Pakistan.....	15
8. The potential stratigraphic levels for Guadalupian/Lopingian Boundary....	17
9. Stratotype of Guadalupian series.....	20
10. Seminar on Upper Permian palynomorphs, Kazan University Kazan, Tatarstan, Russia (August 23-29, 1993).....	21
11. Upper Permian deposits of the Volga-Ural region.....	22
12. Permo-Triassic boundary in Upper Hunza Valley (N. Karakorum).....	22
13. Permian/Triassic Boundary working group.....	24
14. Acknowledgement.....	24

Issue #22 (1993)

1. Chairman's report.....	2
Jin Jugan	
2. Secretary's note.....	2
J. Utting	
3. A call to action.....	2
B.F. Glenister	
4. News from the Carboniferous-Permian Boundary Working Group.....	5
B.R. Wardlaw	
5. News about the Permian-Triassic Boundary Working Group.....	6
A. Baud	
6. IGCP Project 272: Late Palaeozoic and Early Mesozoic Circum-Pacific events, 1992.....	6
J.M. Dickins	
7. IGCP Project 359: Tethyan, Circum-Pacific and marginal Gondwanan Late Paleozoic and Early Mesozoic correlation (biota, facies, formations, geochemistry and events).....	8
Prof Yin Hongfu	
8. Permian in western Asia.....	8
T. Güvenc/I.H. Demirel	
9. News from the Australian Permian.....	10
C.B. Foster	
10. Zonal divisions of the boundary deposits of the Carboniferous and Permian in sections of different facies in the South Urals.....	11
B.I. Chuvashov, V.V. Chernykh, G.A. Mizens	
11. The Schulterkofel section in the Carnic Alps, Austria: Implications for the Carboniferous-Permian Boundary.....	17
F. Kahler, K. Krainer	
12. Late Murgabian map and paleoenvironments of the Tethys.....	18
A. Baud, J. Marcoux, R. Guiraud, L. Ricou and M. Gaetani	

13. Permian ecosystems in Antarctica and Patagonia.....	20
N.R.Cúneo	
14. Research on the Permian of the Bohemian Massif in the Czech Republic....	21
V.M. Holub	
15. Recent publications of interest.....	24
International Geology Review	
16. Taphonomy and palyno-population.....	24
Dr. Vijaya	
17. Current research on bryozoans.....	25
E.H. Gilmour	
18. Pangea conference.....	26
B. Beauchamp	

Issue #21 (1992)

1. **Chairman's report on the business of the Permian Subcommission.....**3
Jin Jugan
2. **Secretary's note.....**4
J. Utting
3. **Minutes of the Permian Subcommission meeting at 29th International Geological Congress, Kyoto, Japan.....**5
B.R. Wardlaw
4. **The present condition of the outcrop of the typical Oolitic Horizon of Tesero in the southeastern Italian Alps, at the Permian/Triassic Boundary.....**7
M. Pasini
5. **Report Concerning Permian Research in Australia.....**7
C.B. Foster
6. **The Division of the Permian System at a Series Level.....**8
E.Ya Leven
7. **Ammonoids and Fusulinaceans near the Carboniferous-Permian Boundary in the Canadian Arctic Archiplego.....**11
W.W. Nassichuk and Rui Lin
8. **Update on Permian Conodont Studies in western and Arctic Canada.....**15
C.M. Henderson
9. **Report on the Carboniferous and Permian Conodont Biostratigraphy of Novaya Zemlya, Russia.....**16
O.N. Vinogradova
10. **Report from North American Friends of the Permian.....**17
B.F. Glenister
11. **First announcement.The International Symposium on Permian Stratigraphy, Environment and Resources.....**18
Wang Xiangdong

Issue #20 (1992)

1. Chairman's note (election results).....	2
Jin Jugan	
2. Secretary's note.....	2
J. Utting	
3. Numerical time scale for the Permian.....	2
M. Menning	
4. The Permocarboniferous of the Northern Black Forest (SW-Germany) - First Results in stratigraphy.....	6
M. Löffler, E. Sittig	
5. Main events of Tethyan Permian History and Fusulinids.....	23
E.Ja. Leven	
6. Status of Permian/Lowermost Triassic (Griesbachian) Palynostratigraphy, Barents Sea area.....	25
G. Mangerud	
7. Small Foraminifers Biostratigraphy and Correlations of the middle Permian Formations of the Sverdrup Basin, Canadian Arctic.....	26
S. Pinard	
8. IGCP Project 272 Late Palaeozoic and Early Mesozoic Circum-Pacific Events - 1991 and 1992.....	28
J.M. Dickins	
9. IGCP Project 272 Soviet Union Working Group Report (Vladivostok,1991).....	30
Y.D. Zakharov	

Issue #19 (1991)

1. Chairman's note.....	2
Jin Yugan	
2. Secretary's note.....	2
J.Utting	
3. Minutes of combined meeting of the Permian Subcommission on Stratigraphy, The Carboniferous/Permian boundary Working Group and the Permian/Triassic boundary Working Group, August, Perm, U.S.S.R.....	2
J. Utting	
4. International Congress on the Permian System, Perm, U.S.S.R.....	5
N.D. Newell and G. Newell	
5. Opening address at Perm, U.S.S.R.....	6
Jin Yugan	
6. Minutes of the meeting of Permian Subcommission on Stratigraphy in September, Buenos Aires, Argentina.....	7
J.Utting	
7. Proposal for a new Working Group on continental beds at the Permian/Triassic boundary.....	7
V.R. Lozovsky	
8. Proposal for a project on the Permian of Turkey and Transcaucasian-Central Asia.....	11
T. Güvenç	
9. IUGS Subcommission on Permian Stratigraphy Upper Permian Working Group.....	11
J.M. Dickins	
10. Carboniferous/Permian boundary Working Group.....	12
J.M. Dickins	
11. "Permian" Limestones of Peninsular Thailand and northwest Peninsular Malaysia.....	13
H. Fontaine	
12. Pangea Project.....	14

B. Beauchamp

13. **The age of the Permian-Triassic boundary.....15**
J.C. Claoué-Long, Zhang Zichao, Ma Guogan and Du Shaohua

Issue #18 (1991)

1. Chairman's note.....	2
Jin Yugan	
2. Secretary's note.....	2
J.Utting	
3. Association of Permian Geologists and International Working Group for the stratigraphy of the continental Permian.....	2
G. Cassinis	
4. Field excursion in the Dolomites (Southern Alps).....	2
G. Cassinis and C. Neri	
5. Field workshop on Carboniferous to Permian sequence of the Pramollo-Nassfeld basin (Carnic Alps).....	3
C. Venturini	
6. Late Paleozoic and Early Mesozoic Circum-Pacific events, IGCP 272 meeting, Sendai, Japan, September 20-23,1990.....	4
G.V. Kotlyar	
7. New results in biostratigraphy and palaeodynamics of Permian of the north-east German Depression.....	4
N. Hoffmann, H.-J. Kamps and J. Schneider	
8. A potential reference section of the Central European continental Carboniferous and Permian for correlations with marine standard scales....	5
N. Hoffmann, H.-J. Kamps and J. Schneider	
9. Proposal of Guadalupian as international standard for the Middle Permian Series.....	10
B. Glenister	
10. Carboniferous-Permian boundary working group.....	11
B.R. Wardlaw	
11. International Working Group on the major Subdivisions of Tethyan Permian.....	11
Y.A. Leven	
12. Current research in N. America.....	11

- a. Permian-Triassic Bivalvia. (by N.D. Newell)
- b. Permian bryozoans. (by E.H. Gilmour)
- c. Permian palynology. (by J.Utting)
- c. The Permian of Greenland - an overview. (by L. Stemmerik and S. Piasecki)

Issue #17 (1990)

1. Chairman's note.....	2
Jin Jugan	
2. Secretary's note.....	2
J. Utting	
3. Carboniferous-Permian Strata and Palaeobiota of Xinjiang, People's Republic of China.....	2
Liao Zhou-ting	
4. Correlation of the Permian and Triassic of Circumpacific and Tethys regions. IGCP Project 271.....	3
Jin Hongfu	
5. Correlation chart for the Permian and Lower Triassic of the world.....	4
K. Nakazawa	
6. Stratigraphic problems of the European Permian System.....	4
B.I. Chuvashov	
7. The solution to the problem of the Carboniferous/Permian boundary in the USSR.....	9
V.I. Davydov, M.F. Bogoslovskaja, A.V. Popov, L.Z. Akhmetshina, I. Barskov, R.I. Kozitskaja, G.V. Kotlyar and E. Ya, Leven	
8. Permian strata in the British Isles - an update.....	12
D.B. Smith	
9. Permian and early Triassic Stratigraphy of the Eastern Alps.....	17
K. Krainer	
10. Paleontological data from the Bolzano Volcanic Complex, Southern Alps (Northern Italy).....	19
C. Hartkopf-Fröder and K. Krainer	
11. Meeting of Association des géologues du Permien.....	20
G. Gand	

Issue #16 (1990)

1. Chairman's note.....	2
Jin Yugan	
2. Secretary's note.....	2
J. Utting	
3. Report of Upper Permian working group.....	3
J.M. Dickins	
4. Report on IGCP 272 Meeting - Late Palaeozoic and Early Mesozoic circum - Pacific events.....	4
J.M. Dickins	
5. International congress Permian System of the globe.....	5
B.Chuvashov	
6. The Guadalupian Symposium.....	7
Wardlaw, R.E. Grant and D.M. Rohr	
7. Research on the Italian Permian.....	8
M. Pasini	
8. Stephano - Permian clastic basins in the Schwarzwald-Vosges area (upper Rhine region, Central Europe).....	9
E. Sittig and M. Löfller	
9. "Stratigraphy of the continental Permian" in Western Europe.....	13
G.Cassinis	
10. A new scheme for the Permian and Triassic succession of Central Europe...	14
M. Menning	
11. Facies development and sequence stratigraphy of the uppermost Zechstein and lowermost Bundsandstein in Poland -its relation to the Permian/Triassic boundary.....	15
G. Pienkowski and R. Wagner	
12. Recent research in Southeast Asia.....	17
H. Fontaine	

Issue #15 (1989)

1. New officers.....	2
Jin Ju-gan	
2. Secretary's note.....	3
J. Utting	
3. Report of Indian Working Committee on Upper Permian Correlation and standard scale.....	4
H.M. Kapoor	
4. Correlation of the Permian of the peri-Gondwana province.....	8
H.M. Kapoor	
5. Subcommission on Permian Stratigraphy.....	9
J.Utting	
6. Carboniferous - Permian Working Group.....	12
Wu Wang-shi	
7. Permian - Triassic Working Group.....	13
E.T. Tozer and J.Utting	
8. Consequences of an <i>Otoceras</i> - based P/T boundary: Preliminary evidence from conodonts.....	14
W.C. Sweet	
9. Permian - Triassic (P-T) correlation and boundary problems.....	17
E.T.Tozer	
10. Permian Stratotype.....	22
T.E. Yancey and Zang Zhen-dong	
11. Guadalupian Symposium.....	25
B.R. Wardlaw	
12. Directory of members of SCPS.....	26

Issue #14 (1989)

1. Editor's Note.....	2
2. Problems of the continental Permian: Symposium on Rotliegendes in Central Europe.....	3
H. Lützner	
3. Field symposium "The Boundaries of the Lower Permian Stages in the Urals".....	7
B. Chuvashov	
4. Current proposals on the Carboniferous-Permian boundary.....	9
Wu Wangshi	
5. A Syposium on Permian Stratigraphy and Palaeontology in Wuhan, China.....	11
Li Chun	
6. Correlation chart of Upper Permian.....	12
J.V. Kotljar	

Issue #13 (1988)

1. Editor 's Note.....	1
Jin Yugan	
2. A Potantial Stratotype of the P/T Boundary.....	3
Wang Yigan, Chen Chuzen and Rui Lin	
3. News from the International working Group on the C/P Boundary.....	8
Wu Wangshi	
4. On the Illawarra Reversal.....	12
M. Menning	
5. Comment on Correlation chart of the Upper Permian.....	17
A.V. Gomankov	
6. Working Committe on Upper Permian Correlation and Standard Scales....	21
J.M. Dickins	
7. Annual Report of SCPS for 1987.....	23
8. Directory of the members of SCPS.....	27

Issue #12 (1987)

1. Editorial	1
2. Activities of SCPA during the XIth ICC in Beijing	2
3. San Antonio G.S.A. meeting	5
B.F. Glenister	
4. Correlation charts of the Upper Permian	8
J.M. Dickins	
5. Correlation charts of the Upper Permian	12
The Japanese Working Group	
6. In Memoriam	16
7. Annual report of SCPS for 1986	18
Jin Yugan	
8. News from our members	22

Issue #11 (1986)

1. Annual report of SCPS for 1985.	1
J. Z. Sheng and Y.G. Jin	
2. News about the Permian - Triassic boundary	
Activity of PTWG in 1985.....	2
E.T. Tozer	
Short comments on the P/T boundary.....	3
H.F. Yin, N. D. Newell and H. Kozur	
Informations.....	4
M. Pasini	
Meeting on the Permian and P/T boundary in the western Tethys.....	4
Meeting on the late Permian and Triassic in western Turkey.....	5
3. Publication	
The Permian of Southeast Asia.....	6
H. Fontaine	
4. News from members of SCPS.....	7
5. Programs of the XI - ICC related to the Permian.....	21
6. A business meeting on subdivision of the Carboniferous in China.....	23
7. Membership.....	24

Issue #10 (1986)

1. Plans for Subcommission.....	2
Sheng Jin-zhang	
2. Questionnaire for Subcommission Members, Corresponding Members.....	3
Jin Yu-gan	
3. Elections of Officers, Commission on Stratigraphy, 1984-88.....	3
M.B. Bassett	
4. Comments from Newsletter Editor.....	4
W.W. Nassichuk	
5. The Permo-Triassic Boundary in Continental Deposits of Siberia.....	5
I.A. Dobruskina	
6. The Carboniferous-Permian Boundary in the USSR.....	6
E. Ya Leven	
7. Fusulinacean Biostratigraphy Near the Carboniferous-Permian Boundary in North America.....	8
C.A. Ross	
8. Permian Ammonoid Uraloceras in North America and its Global Significance.....	9
C. Spinosa and W.W. Nassichuk	
9. Permian Coral Studies.....	9
J. Federowski	
10. Japanese Working Group on Permian Stratigraphy.....	10
K. Nakamura	
11. The Tethys - her Paleogeography and Paleobiogeography from Paleozoic to Mesozoic.....	11
K. Nakazawa and J.M. Dickins	
12. Conference Announcement.....	12
Italian IGCP Group 203	

Issue #9 (1985)

1. Subcommission Elections.....	2
W.W. Nassichuk	
2. 26 th International Geological Congress.....	2
J.M. Dickins	
3. Future Projects for Subcommission on Permian Stratigraphy.....	4
Jin Yu-gan	
4. Annual Report for 1984.....	5
W.W. Nassichuk	
5. Permian Conodont Studies, Western and Arctic Canada.....	6
C.M. Henderson	
6. Permian Investigations in Southern British Columbia, Canada.....	7
W.R. Danner	
7. Palynological Research in Arctic Canada.....	8
J. Utting	
8. Open Letter to Soviet Permian Scientists.....	9
W.W. Nassichuk	
9. Symposium on Permian Phosphoria Formation.....	10
E.H. Gilmour	
10. IGCP Permian Projects.....	11
W.W. Nassichuk	
11. Important Permian Volume Published, 1984.....	12
12. The Carboniferous-Permian Boundary in Northwest Canada.....	13
E.W. Bamber	
13. Subcommission Membership	

Issue #8 (1984)

1. Message from the Chairman.....	2
2. Subcommission activities 1980-1984: report to commission, April 1984.....	2
3. Activities 27th international geological congress.....	3
4. Additional comments on IGC meetings in Moscow.....	3
5. Subcommission saddened by death of Minato.....	4
6. Continental Permian geology of central Europe.....	4
7. Mineral deposits in Permian beds of Solvenia (Yugoslavia).....	5
8. Importance of tectonics, paleogeography to Permian paleontology.....	6
9. Permian system of the 141Malyas.....	7
10. Carboniferous-Permian boundary working group.....	7

Issue #7 (1983)

1. Message from subcommission secretary.....	2
2. Annual report 1982.....	2
3. Upper Permian, Permian-Triassic boundary studies in Iran.....	3
4. North American friends of the Permian meeting, October 18, 1982.....	4
5. Permian activities in India.....	4
6. Potential Middle Permian (Guadalupian) stratotype in west Texas.....	5
7. A comment on Guadalupian stratotype.....	6
8. Palynological investigations, Canadian arctic.....	6
9. Research on the Upper Permian in Italy.....	6
10. Main achievements in Permian-Triassic biostratigraphy of South China during recent two years.....	7
11. Symposium; Permian geology of Queensland.....	8
12. Field activities in Iran, Italy, Austria.....	8
13. Permian and Triassic rocks in Tasmania.....	9
14. Carboniferous-Permian boundary working group.....	10
15. Carboniferous-Permian boundary in China.....	10
16. Carboniferous-Permian boundary, Carnic Alps.....	11
17. Permian bivalve studies.....	13
18. Lower Permian conodonts from the Westkaravanke Mountains.....	13
19. Permian symposium, Moscow, 1984.....	14
20. Stratotypes for the stages of the Permian.....	15

21. Permian brachiopods in the Himalayas.....	15
22. List of publications on Permian stratigraphy of Himalayas.....	16
23. Comment on Permian brachiopod studies in China.....	17
24. Interest in Permian- Triassic boundary.....	18

Issue #6 (1982)

1. Notes from subcommission secretary.....	2
W.W. Nassichuk	
2. Establishment of Permian-Triassic boundary working group.....	2
3. Pre-congress field trip to Permian of central Spain.....	3
Carmina Virgili	
4. Carboniferous-Permian boundary to be discussed at international Carboniferous congress, Spain, 1983.....	4
Charles A. Ross	
5. Notes on Permian-Triassic boundary, South China.....	4
W.W. Nassichuk	
6. Visit to Permian rocks of China.....	5
7. Activities of micropaleontology working group.....	5
H. Kozur	
8. New Zealand Permian.....	6
J.B. Waterhouse	
9. Permian rocks in eastern California.....	7
Calvin Stevens	
10. Fusulinacean research in Carnic Alps.....	7
Franz Kahler	
11. Palynofloral studies, Bowen basin, Australia.....	8
12. Recent papers pertaining to Permian-Triassic boundary.....	8
W. W. Nassichuk	
13. Permian activities.....	10
Richard E. Grant	

Issue #5 (1981)

1. Notes from the Chairman.....	49
Brian F. Glenister	
2. Open letter to Geological Societies in southwestern USA.....	50
R.E. Grant	
3. Letter from Chairperson on Triassic Stratigraphy.....	51
C. Virgili	
4. Response to C. Virgili, Subcommission on Triassic Straigraphy.....	51
Brian F. Glenister	
5. Notes relevant to Carboniferous - Permian boundary in Japan.....	51
M. Minato	
6. Notes on Zechstein Studies.....	52
T.M. Peryt	
7. Activities of Micropaleontology Working Group.....	52
H. Kozur	
8. Notes on the Permian-Triassic Boundary.....	53
H. Kozur	
9. Workshop on the English Zechstein.....	54
G.M. Harwood	
10. Working Group Visit to Carnic Alps.....	54
J.M. Dickins	
11. Subcommission Membership.....	58

Issue #4 (1980)

1. Editorial.....	34
W.W. Nassichuk	
2. Open Letter to Students of the Permian System.....	34
Brian F. Glenister	
3. Minutes of IGC Meeting of Subcommission in Paris.....	35
Brian F. Glenister	
4. Permian-Triassic Boundary and Tethys.....	37
Hooshang Taraz	
5. Response to Taraz letter.....	39
H.M. Kapoor	
6. Symposium on Tibet.....	41
J.M. Dickins	
7. Permian in South China.....	42
J.M. Dickins	
8. China in International Stratigraphy and Paleontology.....	44
A. Martinsson	
9. China Participation Commission on Stratigraphy.....	44
A. Martinsson	
10. Commissions and Working Groups - Geological Society of China.....	45
11. Polish Permian Activities.....	45
T.M. Peryt	
12. Is the Three-fold Subdivision necessary?.....	46
E.V. Movshovich	
13. Recent Permian Publications.....	47
14. Subcommission Membership.....	47

Issue #3 (1980)

1. Editorial	22
2. Election of SCPS new officers	23
3. IGC Meeting of Subcommission in Paris	23
4. Logotype of ICS	24
5. Invitation: Project “Correlation of coal-bearing formations”	25
6. SCPS Vice-Chairman in China	27
7. Ammonoids and biostatigraphy of China	29
8. The 2nd All-China Stratigraphical Congress	29
9. Micropalaeontological Working Group	30
10. Viewpoint of a Zechsteinologist	31
11. Guide on Magnetstratigraphy	31
12. ‘ Concept and method in paleontology ’.....	31
13. PATRIKA - newsletter of Indian Palynostratigraphers	32

Issue #1-2 (1978-1981)

1. Current Information, July 1978.....	2
2. SCPS Newsletter 1, February 1979.....	4
3. SCPS Newsletter 2, October 1979.....	13
4. SCPS Newsletter 3, April 1980.....	21
5. Newsletter 4, October 1980.....	33
6. Newsletter 5, May 1981.....	49