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On the 85th anniversary of Alexandr Rasnitsyn

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This issue of Palaeoentomology is dedicated to the foremost Russian entomologist, palaeontologist, and evolutionary biologist, Alexandr Pavlovich Rasnitsyn, who will be 85 on September 24 this year. The authors and those numerous colleagues, who could not, for various reasons, participate, wish a happy birthday to the undisputed worldwide leader of palaeoentomology!

In the past, members of the Laboratory of Arthropods, led by A.P.R. over several decades (1979–1996 and 2002–2019) at the Paleontological Institute, Russian Academy of Sciences, as well as other Russian and foreign colleagues, have already paid tribute to him (*e.g.*, Laboratory of Arthropods, 2011). His biography and achievements have been outlined in several publications, some of which can

FIGURE 1. A.P. Rasnitsyn in the Laboratory of Arthropods on Malaya Polyanka Street, 1995.

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FIGURE 2. The Laboratory of Arthropods headed by A.P. Rasnitsyn. **A**, In 1981, left to right: Dobrohotova I.L., Rasnitsyn A.P., Zherikhin V.V., Pritykina L.N., Kovalev V.G.; Vishnyakova V.N.; Ivanova T.I., Sinitshenkova N.D., Sukacheva I.D., Kalugina N.S. **B**, In 2010, left to right: Lukashevich E.D., Shcherbakov D.E., Sinitshenkova N.D., Eskov K.Y., Dmitriev V.Yu., Bashkuev A.S., Sukacheva I.D., Popov Yu.A., Yan E.V., Kopylov D.S., Ryzhkova O.V., Aristov D.S., Vasilenko D.V., Rasnitsyn A.P.

be accessed openly (Belokobylskij, Gokhman, 2011; Brothers, 2011; Wegierek, 2011). Therefore, on this occasion, we decided to include only a brief personal memoir by Alexander Ponomarenko, a close associate and one of the oldest friends of A.P.R.

By 1 August 2011, A.P.R. had published 363 scientific works, on average 7 papers per year (Brothers, 2011; Engel & Shcherbakov, 2011). However unbelievable it may sound, his productivity has not waned since, but has almost doubled. A list of 120 papers and monographs

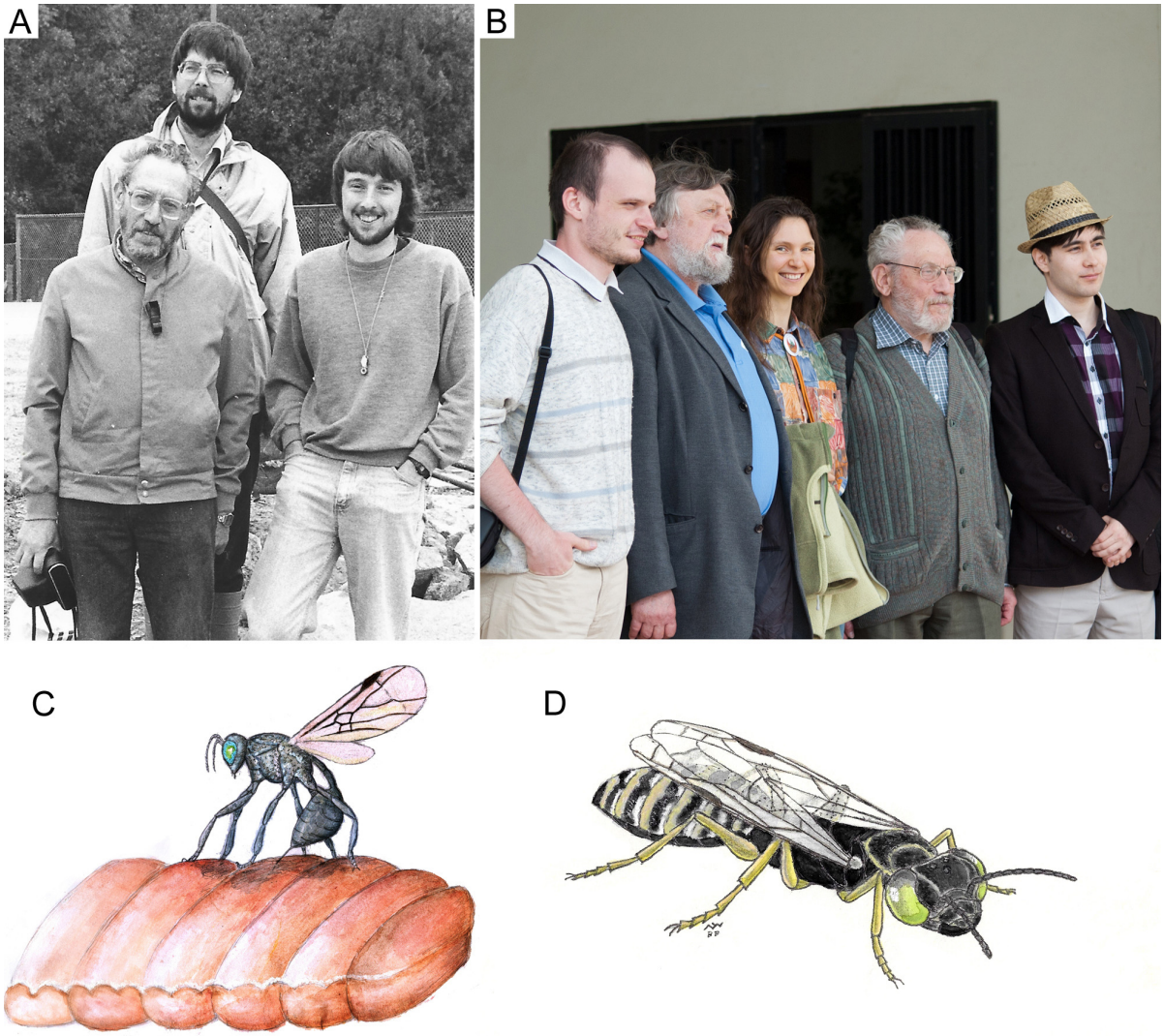

FIGURE 3. Coauthors and described taxa. **A**, In 1997 in England: Rasnitsyn A.P., Jarzembowski E., Ross A. **B**, In 2013 in Lebanon: Khramov A.V., Popov Yu.A., Sidorchuk E.A., Rasnitsyn A.P., Yan E.V. **C** and **D**, Artistic reconstructions of the Cretaceous wasps. **C**, Parasitic wasp *Cretevania concordia* Rasnitsyn & Jarzembowski, 1998. **D**, Aculeate wasp *Angarosphex consensus* Rasnitsyn & Jarzembowski, 1998.

published by A.P.R. during the past decade is included. Also, as a testimony of the international recognition of the contribution A.P. Rasnitsyn has made to entomology, we publish here a list of nearly 150 patronyms honoring him, not including those published in this issue.

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Wegierek, P. (2011) Alexandr Pavlovich Rasnitsyn—75th birthday. *Polish Journal of Entomology*, 80, 623–626. https://doi.org/10.2478/v10200-011-0048-6

Appendix: The list of papers authored by Alexandr P. Rasnitsyn (2011–2021)

Here we present a list of publications over the past decade. A list of earlier publications was published previously (Engel & Shcherbakov, 2011).

2011

1. Aristov, D.S. & Rasnitsyn, A.P. (2011) A new eoblattids (Insecta: Eoblattida) from the Permian of Russia. *Far Eastern Entomologist*, 230, 1–12.
https://doi.org/10.15298/rusentj.19.1.04
2. Belokobylskij, S.A., Kasparyan, D.R., Lelej, A.S., Rasnitsyn, A.P. & Richter, V.A. (2011) In memory of V.I. Tobias (1929—2011). *Entomologicheskoe obozrenie*, 90 (3), 672–709 [In Russian].

2012

3. Rasnitsyn, A.P. (2012) Kogda zhizn' i ne dumala umirat' [When life had no urge to die]. *Priroda*, 9, 39–48 [In Russian].
4. Rasnitsyn, A.P. & Aristov, D.S. (2012) Insects at the boundary of the Permian and Triassic: what is the nature of biocoenotic crisis? *XIV Congress of the Russian Entomological Society*. Saint Petersburg, August 27–September 1, 2012. Materials of the Congress, pp. 371 [In Russian].
5. Aristov, D.S. & Rasnitsyn, A.P. (2012) Revision of the family Idelinellidae, with a review of the Permian Eoblattida (Insecta). *Paleontological Journal*, 46 (1), 49–60.
https://doi.org/10.1134/S0031030112010030
6. Oberprieler, S.K., Rasnitsyn, A.P. & Brothers, D.J. (2012) The first wasps from the Upper Jurassic of Australia (Hymenoptera: Evanioidea, Praeaulacidae). *Zootaxa*, 3503 (1), 47–54.
https://doi.org/10.11646/zootaxa.3503.1.3
7. Perkovsky, E.E., Rasnitsyn, A.P., Vlaskin, A.P. & Rasnitsyn, S.P. (2012) Contribution to the study of the structure of amber forest communities based on analysis of syninclusions in the Rovno amber (Late Eocene of Ukraine). *Paleontological Journal*, 46 (3), 293–301.
https://doi.org/10.1134/S0031030112030136
8. Ronquist, F., Klopfstein, S., Vilhelmsen, L., Schulmeister, S., Murray, D.L. & Rasnitsyn, A.P. (2012) A total-evidence approach to dating with fossils, applied to the early radiation of the Hymenoptera. *Systematic Biology*, 61 (6), 973–999.
https://doi.org/10.1093/sysbio/sys058

2013

9. Rasnitsyn, A.P., Aristov, D.S. & Rasnitsyn, D.A. (2013) Insects at the borderline between the Permian and the Early Triassic (Urzhum—Olenek Age) and the problem of Permian-Triassic biodiversity crisis. *Zhurnal Obshchei Biologii*, 74 (1), C. 43–65 [In Russian].
10. Rasnitsyn, A.P. (2013) Sistematika—narodnaya i nauchnaya [Taxonomy: folk and scientific (on book: Pavlinov, I. Ya & Lubarsky, G.Yu. Biological taxonomy: evolution of ideas)]. *Priroda*, 4, 86–90 [In Russian].
11. Rasnitsyn, A.P. (2013) Kak upravlyat' naukoy [How to manage science?] *Priroda*, 11, 92–93 [In Russian].
12. Rasnitsyn, A.P. (2013) Taxonomic methodology: approaches by Plato, Linné, and Procrustes. *Proceedings of the Zoological Institute of the Russian Academy of Sciences*, 317 (Supplement 3), 66–71 [In Russian].
13. Rasnitsyn, A.P. (2013) *Vectevania vetula* Cockerell, 1922 from the uppermost Eocene of Bembridge Marls, England, and the system of the family Gasteruptiidae s.l. [Vespida (= Hymenoptera), Evanioidea]. *Proceedings of the Russian Entomological Society*, 84 (2), 98–106.
https://doi.org/10.47640/1605-7678_2013_84_2_98
14. Rasnitsyn, A.P. & Aristov, D.S. (2013) New fossil insects (Insecta: Caloneurida, Hypoperlida, Palaeomanteida, Jurinida) from the Middle and Upper Permian of European Russia. *In*: Aristov, D.S. *et al*. *Fossil insects of the Middle and Upper Permian of European Russia*. *Paleontological Journal*, 47 (7), 678–704.
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16. Gao, T., Shih, Ch., Rasnitsyn, A.P. & Ren, D. (2013) *Hoplitolyda duolunica* gen. et sp. nov. (Insecta, Hymenoptera, Praesiricidae), the hitherto largest sawfly from the Mesozoic of China. *PLoS ONE*, 8 (5), e62420.
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List of patronyms honoring Alexandr P. Rasnitsyn

The genera are listed in alphabetical order. When a higher taxon has been established based on the genus, its name is added in brackets. Those patronyms which have been synonymized or transferred into *incertae sedis* are excluded.

Insecta
Paoliida *sensu* Rasnitsyn & Aristov, 2016
Holasicia rasnitsyni Brauckman, 1984

Odonatoptera
Rasnitsynala Zessin *et al*., 2011

Odonata
Pritykinia rasnitsyni Nel *et al*., 2009

Diaphanopterodea
Alexrasnitsynia Prokop & Nel, 2011 [Alexrasnitsyniidae Prokop & Nel, 2011]
Diaphpterum rasnitsyni Pinto, 1999

Psocoptera
Libanopsyllipsocus alexanderasnitsyni Azar & Nel, 2011
Empherium rasnitsyni Hakim *et al*., 2021

Phthiraptera
Megamenopon rasnitsyni Wappler *et al*., 2004

Homoptera
Alicodoxa rasnitsyni Emeljanov & Shcherbakov, 2011
Annulaphis rasnitsyni Shaposhnikov, 1979
Bolshayanoecia rasnitsyni Heie, 1989
Paratesum rasnitsyni Emeljanov & Shcherbakov, 2009
Rasnitsynaphis Homan & Wegierek, 2011 [Rasnitsynaphididae Homan & Wegierek, 2011]
Retinaphis rasnitsyni (Kononova, 1975)
Struebingianella rasnitsyni Anufriev, 1980
Taomma rasnitsyni Emeljanov, 2007
Vitimaphis rasnitsyni Shaposhnikov & Wegierek, 1989

Heteroptera
Kzylcader rasnitsyni (Golub & Popov, 2012)
Saldonia rasnitsyni Popov, 1973
Shartegocimex rasnitsyni Ryzhkova, 2011

Miomoptera
Delopterum rasnitsyni Novokshonov, 2000

Coleoptera
Belonotaris rasnitsyni Legalov, 2014
Cephennium rasna Castellini, 2011
Cretorabus rasnitsyni Wang & Zhang, 2011
Cryptophagus alexagrestis Lyubarsky & Perkovsky, 2011
Electotreta rasnitsyni Kazantsev, 2012
Hypnomorphus rasnitzyni Dolin, 1980
Isotrilophus rasnitsyni Odnosum & Perkovsky, 2016
Longotanaos rasnitsyni Legalov, 2014
Melipriopsis rasnitsyni Kirejtshuk, 2011
Orchesia rasnitzyni Nikitsky, 2011
Perapion rasnitsyni Legalov, 2018
Permosyne rasnitsyni Ponomarenko, 2011
Pseudobrienia rasnitsyni Legalov, 2012
Sergiola rasnitsyni Korotyaev & A. Egorov, 1995
Serramorphus rasnitsyni Lyubarsky & Perkovsky, 2017
Stigmoderimorpha rasnitsyni Alexeev, 1993

Panmegaloptera
Hymega rasnitsyni Shcherbakov, 2013

Neuroptera
Sinosmylites rasnitsyni Makarkin *et al*., 2011
Undulopsychopsis alexi Peng *et al*., 2011

Mecopteroidea
Tshekarchiereus rasnitsyni Novokshonov, 1997

Mecoptera
Permopsyche rasnitsyni Bashkuev, 2011
Sinopolycentropus rasnitsyni Shih *et al*., 2011

Trichoptera
Conchindusia rasnitsyni Jarzembowski, 1995
Folindusia rasnitsyni Vialov & Sukacheva, 1976
Palerasnitsynus Wichard *et al*., 2011
Prochita rasnitsyni Sukatsheva & Vassilenko, 2013
Prodicos rasnitsyni Sukatcheva, 2017
Prorhyacophila rasnitsyni Sukatsheva & Aristov, 2013
Purbimodus rasnitsyni Sukatsheva & Jarzembowski, 2001

Lepidoptera
Baltimartyria rasnitsyni Mey, 2011
Daiopterix rasnitsyni Skalsi, 1984
Palaeotinea rasnitsyni Kozlov, 1987

Diptera
Cretaenne rasnicyni Lukashevich & Przhiboro, 2011
Eumetopiella rasnitzyni Verves, 1982
Hydrophorus rasnitsyni Negrobov, 1977
Iteaphila rasnitsyni Shamshev, 2012
Paracladura rasnitsyni Krzemińska, 2005
Protonemestrius rasnitsyni Mostovski, 1998
Rasnicynomma Lukashevich, 2011 [Rasnicynommatinae Lukashevich, 2011]
Rasnitsia Fedotova & Perkovsky, 2009
Rasnitsynina Krzemińska *et al*., 2009
Sarcophila rasnitzyni Verves, 1982

Hymenoptera
Acampsohelcon rasnitzini Tobias, 1987
Aphanogmus rasnitsyni Alekseev, 1995
Arachnospila rasnitsyni Loktionov & Lelej, 2011
Archencyrtus rasnitsyni Simutnik, 2014
Architiphia rasnitsyni Darling, 1990
Areopraon rasnitsyni Davidian, 2011
Atefia rasnitsyni Krogmann *et al*., 2013
Callidora rasnitsyni Kasparyan, 2011
Chelonus rasnitsynus Tobias, 2011
Chrysis rasnitsyni Rosa, 2021
Coelichneumon rasnitsyni Heinrich, 1980
Cosmocomoidea rasnitsyni (Huber, 2011)
Cretosclerogibba rasnitsyni Perkovsky *et al*., 2020
Cretoscolia rasnitsyni Zhang, 2004
Crossocerus rasnitsyni Kazenas, 2011
Daohugoa rasnitsyni Ding & Zhang, 2016
Dentilla rasnitsyni Lelej, 2011
Disogmus rasnitsyni Kolyada & Perkovsky, 2011
Dryinus rasnitsyni Olmi & Guglielmino, 2011
Dryudella rasnitsyni Kazenas, 2000
Electrofoenops rasnitsyni Turrisi & Ellenberger, 2019
Eomimesa rasnitsyni Budrys, 1993
Ephedrus rasnitsyni Davidian & Kaliuzhna, 2021
Epeolus rasnitsyni Astafurova et Proshchalykin, 2021
Eutanyacra rasnitsyni Heinrich, 1978
Halticopterina rasnitsyni Dzhanokmen, 2011
Helegonatopus rasnitzyni (Trjapitzin, 1963)
Holepyris rasnitsyni Colombo & Azevedo, 2021
Homolobus rasnitsyni Belokobylskiy, 2014
Hypocleptes rasnitsyni Evans, 1973
Iberomaimetsha rasnitsyni Ortega-Blanco *et al*., 2011
Ichneumon rasnitsyni Heinrich, 1978
Labenopimpla rasnitsyni Kopylov, 2010
Leptanilla alexandri Dlussky, 1969
Magadanobracon rasnitsyni Belokobylskiy, 2012
Meteorus arasnitsyni Belokobylskij & Zaldívar-Riverón, 2021
Microchelonus rasnitsyni Tobias, 1992
Nepiesta rasnitsyni Kasparyan, 2011
Newjersevania rasnitsyni Shih *et al*., 2020
Nothoserphus rasnitsyni Kolyada, 1997
Odontomyrme rasnitsyni Lelej, 2021
Parabruchophagus rasnitsyni Zerova, 2011
Pareubaeus rasnitsyni McKellar *et al*., 2013
Perilitus rasnitsyni Belokobylskij, 2000
Pheidole rasnitsyni Dubovikoff, 2011
Plumalexius Brothers, 2011 [Plumalexiidae Brothers, 2011]
Plumalexius rasnitsyni Brothers, 2011
Praeratavites rasnitsyni Shih *et al*., 2017
Pristomyrmex rasnitsyni Dlussky & Radchenko, 2011
Protomutilla rasnitsyni Lelej, 1986
Pseudarmania rasnitsyni Dlussky, 1983
Raphiglossa rasnitsyni Fateryga, 2021
Rasnicynips Kovalev, 1996 [Rasnicynipidae Kovalev, 1996]
Rasnitsevania Jouault *et al*., 2020
Rasnitsynapus Antropov, 2011 [Rasnitsynapini Antropov, 2011]
Rasnitsynia Pagliano & Scaramozzino, 1989
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