

Molecular-Based Taxonomic Inference of Some Spider Mite Species of the Genus *Oligonychus* Berlese (Acari, Prostigmata, Tetranychidae)

Hafiz Muhammad Saqib Mushtaq ¹, Amgad A. Saleh ², Muhammad Kamran ¹, Fahad Jaber Alatawi ^{1,*}

¹ Acarology Research Laboratory, Department of Plant Protection, College of Food and Agriculture Sciences, King Saud University, P.O. Box No. 2460, Riyadh 11451, Saudi Arabia

² Plant Pathology Laboratory, Department of Plant Protection, College of Food and Agriculture Sciences, King Saud University, P.O. Box No. 2460, Riyadh 11451, Saudi Arabia

* Correspondence: falatawi@ksu.edu.sa

Number of supplementary tables: 7

Table S1. Geographical distribution, host plant, collection details, and ITS2/COI fragment size of all spider mite samples of seven *Oligonychus* species viz. *O. afrasiaticus*, *O. coniferarum*, *O. dactyloni*, *O. punicae*, *O. pratensis*, *O. tylus*, and *O. washingtoniae*, collected from Pakistan, Saudi Arabia, USA, & Yamen, and analyzed in the present study.

| Sample voucher no. (SVN) | Species | Collection date | Locality, Province, Country | Host Plant | Collector name (Reference) | GPS | GenBank accession numbers | | ITS2 Fragment Size (bp) | COI Fragment Size (bp) |
|--------------------------|-------------------------|-----------------|---|---|------------------------------------|----------------------------|---------------------------|----------|-------------------------|------------------------|
| | | | | | | | ITS2 | COI | | |
| 2 | <i>O. washingtoniae</i> | 02 Jun 2018 | Diriyah, Riyadh, Saudi Arabia | <i>Washingtonia filifera</i> (Lindl.) H. Wendl. (Arecaceae) | HMS Mushtaq | 24°44'48.7"N, 46°31'37.0"E | OQ185439 | OQ180838 | 483 | 410 |
| 3 | <i>O. dactyloni</i> | 19 May 2018 | Haylat Radi al Baham, Madinah, Saudi Arabia | Grasses (Poaceae) | HMS Mushtaq, JH Mirza & M Kamran | 24°05'19.3"N 39°40'06.9"E | OQ185449 | OQ180840 | 405 | 410 |
| 4* | <i>O. afrasiaticus</i> | 07 Aug 2018 | KSU, Riyadh, Saudi Arabia | Grasses | HMS Mushtaq | 24°42'59.2"N 46°36'42.8"E | OQ185402 | N/A | 517 | N/A |
| 7* | <i>O. afrasiaticus</i> | 08 May 2018 | Hariq, Riyadh, Saudi Arabia | <i>Phoenix dactylifera</i> L. (Arecaceae) | HMS Mushtaq, JS Basahih & M Kamran | 23°37'50.6"N 46°31'56.5"E | OQ185404 | N/A | 517 | N/A |
| 9 | <i>O. coniferarum</i> | 13 Apr 2018 | Taif, Makkah, Saudi Arabia | <i>Thuja</i> sp. (Cupressaceae) | HMS Mushtaq | 21°17'23.5"N 40°23'18.5"E | OQ185386 | N/A | 460 | N/A |
| 11* | <i>O. dactyloni</i> | 08 May 2018 | Howtat Bani Tamim, Riyadh, Saudi Arabia | Grasses | HMS Mushtaq, JS Basahih & M Kamran | 23°15'50.3"N 46°43'18.6"E | N/A | OQ180841 | N/A | 410 |
| 16* | <i>O. tylus</i> | 12 May 2018 | Kharabah, Jizan, Saudi Arabia | Grasses | HMS Mushtaq, JS Basahih & M Kamran | 16°44'51.8"N 42°55'33.8"E | OQ185437 | N/A | 515 | N/A |
| 18* | <i>O. coniferarum</i> | 24 May 2018 | JADCO, Jouf, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq, JH Mirza & M Kamran | 29°48'44.5"N 38°23'22.6"E | OQ185387 | N/A | 483 | N/A |
| 22* | <i>O. coniferarum</i> | 23 May 2018 | Cultivated Area, Tabuk, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq, JH Mirza & M Kamran | 28°25'22.7"N 36°36'02.7"E | OQ185388 | N/A | 482 | N/A |
| 33* | <i>O. afrasiaticus</i> | 21 Apr 2018 | Qatif, Eastern Province, Saudi Arabia | <i>Sorghum halepense</i> (L.) Pers. (Poaceae) | JS Basahih, JH Mirza & M Kamran | 27°35'16.1"N 47°43'30.3"E | OQ185412 | N/A | 520 | N/A |
| 34 | <i>O. afrasiaticus</i> | 20 Apr 2018 | Qaryat AlUlya, Eastern Province, Saudi Arabia | Grasses | JS Basahih, JH Mirza & M Kamran | 27°35'16.1"N 47°43'30.3"E | OQ185423 | N/A | 492 | N/A |
| 39* ¹ | <i>O. afrasiaticus</i> | 24 Apr 2013 | Allaghamess, Baha, Saudi Arabia | Grasses | M Kamran | 20°11'52.5"N 41°23'35.8"E | OQ185405 | N/A | 517 | N/A |
| 40 | <i>O. pratensis</i> | Spring (2015) | Hadley's Date Gardens, California, USA | <i>P. dactylifera</i> | F Ganjisaffar | 33 38'25"N, 116 12'11"W | OQ185450 | OQ180839 | 530 | 410 |
| 45* | <i>O. coniferarum</i> | 22 May 2018 | Astra farms, Tabuk, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq, JH Mirza & M Kamran | 28°41'32.0"N 36°20'31.1"E | OQ185389 | N/A | 483 | N/A |
| 46* | <i>O. afrasiaticus</i> | 11 May 2018 | Malha, Jizan, Saudi Arabia | <i>S. bicolor</i> | HMS Mushtaq, JS Basahih & M Kamran | 17°16'02.3"N 42°34'46.9"E | OQ185413 | N/A | 520 | N/A |

| | | | | | | | | | | |
|-----|-------------------------|---------------|--|--|-------------------------|------------------------------|----------|----------|-----|-----|
| 49 | <i>O. afrasiaticus</i> | N/A | Seiyun, Hadhramout, Yemen | <i>P. dactylifera</i> | JH Basahih | 15°54'58.5"N 48°46'53.0"E | OQ185414 | OQ180833 | 515 | 410 |
| 50 | <i>O. afrasiaticus</i> | 27 May 2019 | Hisn 'Idan, Hadhramout, Yemen | <i>P. dactylifera</i> | JH Basahih | 15°20'20.8"N 48°46'53.0"E | OQ185415 | OQ180834 | 520 | 410 |
| 51* | <i>O. tylus</i> | 08 Aug 2019 | BZU, Punjab, Pakistan | <i>Z. mays</i> | N Abbas | 30°16'04.5"N 71°30'03.7"E | OQ185431 | N/A | 539 | N/A |
| 53 | <i>O. perseae</i> | 09 Oct 2019 | Chiautla, Estado de México, Mexico | <i>Alnus jorulensis</i> Kunth (Betulaceae) | MT Santillán-Galicia | 19°32'33.1"N 98°52'33.1"W | OQ185403 | N/A | 470 | N/A |
| 54 | <i>O. tylus</i> | 01 Nov 2019 | Qunfudhah, Makkah, Saudi Arabia | <i>Hyphaene thebaica</i> (L.) Mart. | HMS Mushtaq, & M Kamran | 19°08'01.3"N 41°04'33.3"E | OQ185432 | OQ180835 | 517 | 410 |
| 57* | <i>O. coniferarum</i> | 31 Oct 2019 | KKU, Asir, Saudi Arabia | <i>Arucaria</i> sp. (Cupressaceae) | HMS Mushtaq, & M Kamran | 18°14'51.3"N 42°33'28.0"E | OQ185390 | N/A | 483 | N/A |
| 58 | <i>O. coniferarum</i> | 28 Oct 2019 | Baljuraishi, Baha, Saudi Arabia | <i>Arucaria</i> sp. | HMS Mushtaq, & M Kamran | 19°55'27.9"N 41°33'42.5"E | OQ185391 | N/A | 483 | N/A |
| 61 | <i>O. tylus</i> | 29 Oct 2019 | Bashayer, Asir, Saudi Arabia | <i>S. bicolor</i> | HMS Mushtaq, & M Kamran | 19°43'26.3"N 41°55'30.8"E | OQ185433 | OQ180836 | 517 | 410 |
| 66* | <i>O. afrasiaticus</i> | 22 Aug 2019 | Wan Bachran/Mianwali, Punjab, Pakistan | <i>Pennisetum glaucum</i> (L.) R.Br. (Poaceae) | EM Khan | 32°24'23.1"N 71°43'29.6"E | OQ185428 | N/A | 517 | N/A |
| 67 | <i>O. tylus</i> | 22 Aug 2019 | Wan Bachran/Mianwali, Punjab, Pakistan | <i>P. glaucum</i> | EM Khan | 32°24'23.1"N 71°43'29.6"E | OQ185434 | N/A | 535 | N/A |
| 68* | <i>O. coniferarum</i> | 28 Oct 2019 | Wadi Shora, Baha, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq | 19°47'36.6"N 41°45'45.3"E | OQ185392 | N/A | 460 | N/A |
| 79* | <i>O. coniferarum</i> | 28 Oct 2019 | Baljuraishi, Baha, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq & M Kamran | 19°50'47.0"N 41°35'06.2"E | OQ185393 | N/A | 458 | N/A |
| 81* | <i>O. coniferarum</i> | 29 Oct 2019 | Ajbah, Asir, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq & M Kamran | 19°41'27.0"N 41°55'37.0"E | OQ185394 | N/A | 482 | N/A |
| 82 | <i>O. afrasiaticus</i> | 18 Oct 2019 | Khobar, Eastern Province, Saudi Arabia | <i>W. filifera</i> | HMS Mushtaq & M Kamran | 26°25'07.1"N 50°07'14.5"E | OQ185406 | N/A | 517 | N/A |
| 83 | <i>O. washingtoniae</i> | 17 Oct 2019 | Uqair beach, Eastern Province, Saudi Arabia | <i>W. filifera</i> | HMS Mushtaq & M Kamran | 25°46'43.2"N 50°07'53.7"E | OQ185440 | N/A | 483 | N/A |
| 84* | <i>O. washingtoniae</i> | 13 April 2019 | Uyaynah, Riyadh, Saudi Arabia | <i>W. filifera</i> | HMS Mushtaq & M Kamran | 24°53'13.9"N 46°19'26.5"E | OQ185441 | N/A | 510 | N/A |
| 85 | <i>O. afrasiaticus</i> | 18 Oct 2019 | Khobar, Eastern Province, Saudi Arabia | <i>P. dactylifera</i> | HMS Mushtaq | 26°10'47.6"N 50°01'07.8"E | OQ185407 | N/A | 517 | N/A |
| 86* | <i>O. afrasiaticus</i> | 13 April 2019 | Jubaylah, Riyadh, Saudi Arabia | <i>W. filifera</i> | HMS Mushtaq | 24°53'49.2"N 46°26'54.3"E | OQ185408 | N/A | 517 | N/A |
| 87 | <i>O. washingtoniae</i> | 19 Oct 2019 | Ras Al-Khair, Eastern Province, Saudi Arabia | <i>W. filifera</i> | HMS Mushtaq | 27°24'53.6"N 49°01'56.1"E | OQ185442 | N/A | 510 | N/A |
| 88 | <i>O. washingtoniae</i> | 18 April 2019 | Wadi Hanifah, Riyadh, Saudi Arabia | <i>W. filifera</i> | HMS Mushtaq | 24°44'57.2"N 46°33'24.0"E | OQ185443 | N/A | 510 | N/A |
| 89 | <i>O. afrasiaticus</i> | 22 June 2019 | KSU, Riyadh, Saudi Arabia | <i>P. dactylifera</i> | HMS Mushtaq | 24°42'59.2"N 46°36'42.8"E | OQ185409 | N/A | 517 | N/A |
| 91 | <i>O. afrasiaticus</i> | 18 Oct 2019 | Damam, Eastern Province, Saudi Arabia | Grasses | HMS Mushtaq & M Kamran | 26°26'17.4"N 50°03'01.1"E | OQ185416 | OQ180828 | 520 | 410 |
| 93* | <i>O. coniferarum</i> | 29 Oct 2019 | Bashayer, Asir, Saudi Arabia | <i>Pulicaria</i> sp. (Asteraceae) | HMS Mushtaq & M Kamran | 19°43'26.3"N 41°55'30.8"E | OQ185395 | N/A | 483 | N/A |

| | | | | | | | | | | |
|------|-------------------------|-------------|---|--|--|------------------------------|----------|----------|-----|-----|
| 94 | <i>O. afrasiaticus</i> | 10 Oct 2019 | Jubail, Eastern Province, Saudi Arabia | <i>Cynodon dactylon</i> (L.) Pers. (Poaceae) | HMS Mushtaq & M Kamran | 27°06'10.0"N 49°32'30.1"E | OQ185417 | N/A | 520 | N/A |
| 95 | <i>O. washingtoniae</i> | 18 Oct 2019 | Damam, Eastern Province, Saudi Arabia | <i>W. filifera</i> | HMS Mushtaq & M Kamran | 26°28'31.1"N 50°00'47.5"E | OQ185444 | N/A | 510 | N/A |
| 98 | <i>O. tylus</i> | 18 Oct 2019 | Damam, Eastern Province, Saudi Arabia | Grasses | HMS Mushtaq & M Kamran | 26°28'31.1"N 50°00'47.5"E | OQ185435 | N/A | 539 | N/A |
| 99 | <i>O. afrasiaticus</i> | 19 Oct 2019 | Jubail, Eastern Province, Saudi Arabia | <i>P. dactylifera</i> | HMS Mushtaq & M Kamran | 27°08'50.1"N 49°20'02.4"E | OQ185420 | N/A | 515 | N/A |
| 102* | <i>O. afrasiaticus</i> | 19 Oct 2019 | Jubail, Eastern Province, Saudi Arabia | Grasses | HMS Mushtaq & M Kamran | 27°00'59.7"N 49°40'11.7"E | OQ185418 | OQ180829 | 519 | 410 |
| 106 | <i>O. afrasiaticus</i> | 24 Aug 2020 | Abyar 'Ali, Madinah, Saudi Arabia | <i>P. dactylifera</i> | FJ Alatawi, JH Mirza & EM Khan | 24°24'33.6"N 39°32'28.8"E | OQ185410 | N/A | 519 | N/A |
| 109* | <i>O. afrasiaticus</i> | 25 Aug 2020 | Buwat, Madinah, Saudi Arabia | <i>C. dactylon</i> | FJ Alatawi, JH Mirza & EM Khan | 24°44'10.3"N 39°13'33.7"E | OQ185425 | OQ180830 | 519 | 410 |
| 110* | <i>O. afrasiaticus</i> | 26 Aug 2020 | Yanbu Al Nakhal, Madinah, Saudi Arabia | <i>C. dactylon</i> | FJ Alatawi, JH Mirza & EM Khan | 24°20'18.2"N 38°25'57.8"E | OQ185429 | OQ180831 | 519 | 410 |
| 112* | <i>O. afrasiaticus</i> | 26 Aug 2020 | Mabaruck Village, Madinah, Saudi Arabia | Grasses | FJ Alatawi, JH Mirza & EM Khan | 24°15'37.8"N 38°22'15.2"E | OQ185426 | OQ180832 | 519 | 410 |
| 116* | <i>O. coniferarum</i> | 10 Sep 2020 | Wadi Zarq, Baha, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq, JH Mirza & HMS Ali | 20°11'19.8"N 41°17'27.8"E | OQ185396 | N/A | 483 | N/A |
| 118* | <i>O. coniferarum</i> | 10 Sep 2020 | Raghdan Forest Park, Baha, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq, JH Mirza & HMS Ali | 20°01'15.5"N 41°26'10.3"E | OQ185397 | N/A | 483 | N/A |
| 119* | <i>O. coniferarum</i> | 10 Sep 2020 | Musaylah, Baha, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq, JH Mirza & HMS Ali | 20°10'42.4"N 41°17'04.7"E | OQ185398 | N/A | 483 | N/A |
| 124* | <i>O. washingtoniae</i> | 11 Sep 2020 | Hajrah, Baha, Saudi Arabia | <i>Washingtonia</i> sp. | HMS Mushtaq, JH Mirza & HMS Ali | 20°13'49.4"N 41°03'32.8"E | OQ185445 | N/A | 510 | N/A |
| 125* | <i>O. tylus</i> | 11 Sep 2020 | Qura General Hospital, Baha, Saudi Arabia | Grasses | HMS Mushtaq, JH Mirza & HMS Ali | 20°16'17.0"N 41°09'03.0"E | OQ185438 | N/A | 515 | N/A |
| 127* | <i>O. coniferarum</i> | 11 Sep 2020 | Doos, Baha, Saudi Arabia | <i>Arucaria</i> sp. | HMS Mushtaq, JH Mirza & HMS Ali | 20°17'06.2"N 41°13'29.9"E | OQ185399 | N/A | 483 | N/A |
| 128* | <i>O. coniferarum</i> | 11 Sep 2020 | Doos, Baha, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq, JH Mirza & HMS Ali | 20°17'06.2"N 41°13'29.9"E | OQ185400 | N/A | 483 | N/A |
| 129* | <i>O. afrasiaticus</i> | 11 Sep 2020 | Bani Omran Village, Baha, Saudi Arabia | <i>Pulicaria</i> sp. | HMS Mushtaq, JH Mirza & HMS Ali | 20°18'11.0"N 41°10'23.1"E | OQ185427 | N/A | 518 | N/A |
| 133* | <i>O. washingtoniae</i> | 12 Sep 2020 | Mashoqa Park, Baha, Saudi Arabia | <i>Washingtonia</i> sp. | HMS Mushtaq, JH Mirza & HMS Ali | 20°31'51.2"N 41°24'36.9"E | OQ185446 | N/A | 510 | N/A |
| 143* | <i>O. tylus</i> | 30 Sep 2020 | Muruj, Tabuk, Saudi Arabia | Grasses | HMS Mushtaq, JH Mirza & EM Khan | 28°25'11.0"N 36°36'10.8"E | OQ185436 | OQ180837 | 516 | 410 |
| 144* | <i>O. punicae</i> | 30 Sep 2020 | Tabuk, Tabuk, Saudi Arabia | Unknown | HMS Mushtaq, JH Mirza & EM Khan | 28°23'40.3"N 36°45'59.8"E | N/A | OQ180826 | N/A | 410 |
| 145* | <i>O. punicae</i> | 01 Oct 2020 | Tayma, Tabuk, Saudi Arabia | Unknown | HMS Mushtaq, JH Mirza & EM Khan | 27°40'31.0"N 38°20'35.7"E | N/A | OQ180827 | N/A | 410 |
| 150* | <i>O. coniferarum</i> | 09 Oct 2020 | Jabal AlQahar, Jizan, Saudi Arabia | <i>Thuja</i> sp. | HMS Mushtaq, JH Mirza & EM Khan | 17°39'13.1"N 42°54'16.7"E | OQ185401 | N/A | 483 | N/A |
| 157 | <i>O. afrasiaticus</i> | 22 Oct 2020 | Urayarah, Eastern Province, Saudi Arabia | <i>P. dactylifera</i> | JH Mirza, HMS Sajid, N Elgoni & M Waleed | 25°58'54.2"N 48°51'02.1"E | OQ185421 | N/A | 514 | N/A |

| | | | | | | | | | | |
|------|-------------------------|-------------|--|-------------------------|--|------------------------------|----------|-----|-----|-----|
| 167* | <i>O. afrasiaticus</i> | 22 Oct 2020 | Um Alerrad, Eastern Province, Saudi Arabia | <i>Washingtonia</i> sp. | JH Mirza, HMS Sajid, N Elgoni & M Waleed | 25°51'39.5"N 48°56'18.9"E | OQ185422 | N/A | 514 | N/A |
| 168* | <i>O. washingtoniae</i> | 22 Oct 2020 | Urayarah, Eastern Province, Saudi Arabia | <i>Washingtonia</i> sp. | JH Mirza, HMS Sajid, N Elgoni & M Waleed | 25°58'54.2"N 48°51'02.1"E | OQ185447 | N/A | 510 | N/A |
| 170 | <i>O. afrasiaticus</i> | 31 Oct 2020 | Bir, Riyadh, Saudi Arabia | <i>P. dactylifera</i> | HMS Mushtaq, EM Khan & N Elgoni | 25°17'25.8"N 45°56'45.7"E | OQ185411 | N/A | 516 | N/A |
| 171* | <i>O. afrasiaticus</i> | 07 Nov 2020 | Kharj, Riyadh, Saudi Arabia | Grasses | HMS Mushtaq, EM Khan & N Elgoni | 24°17'33.4"N 47°16'42.9"E | OQ185424 | N/A | 518 | N/A |
| 173* | <i>O. afrasiaticus</i> | 31 Oct 2020 | Hasi, Riyadh, Saudi Arabia | Unknown | HMS Mushtaq, EM Khan & N Elgoni | 25°25'13.8"N 46°05'54.9"E | OQ185430 | N/A | 516 | N/A |
| 175* | <i>O. washingtoniae</i> | 31 Oct 2020 | Hasi, Riyadh, Saudi Arabia | <i>Washingtonia</i> sp. | HMS Mushtaq, EM Khan & N Elgoni | 25°25'13.8"N 46°05'54.9"E | OQ185448 | N/A | 510 | N/A |
| 176* | <i>O. afrasiaticus</i> | 28 Mar 2021 | Uyaynah, Madinah, Saudi Arabia | Grasses | HMS Mushtaq, M Kamran | 25°54'38.3"N 39°01'00.0"E | OQ185419 | N/A | 519 | N/A |

* These 42 samples did not contain male specimens and were morphologically identified till the level of the genus *Oligonychus*. However, their molecular analysis confirmed their species' identity.

¹ It represents the sample of *O. afrasiaticus*, containing only female/nymph specimens and previously claimed as *O. pratensis* from Saudi Arabia [1].

Table S2. Genetic divergence (pairwise p-distance) based on 33 ITS2 partial sequences, either obtained in the present study or retrieved from GenBank, among seven *Oligonychus* species (Acari: Prostigmata: Tetranychidae), collected/analyzed from Saudi Arabia and the USA.

| No. | <i>Oligonychus</i> species | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----|--|-------|-------|---------------|---------------|-------|-------|-------|
| 1 | <i>O. punicae</i> (MZ435900, Saudi Arabia) | 0.000 | | | | | | |
| 2 | <i>O. coniferarum</i> * | 0.093 | 0.000 | | | | | |
| 3 | <i>O. afrasiaticus</i> ** | 0.478 | 0.488 | 0.000 – 0.012 | | | | |
| 4 | <i>O. tylus</i> *** | 0.463 | 0.478 | 0.168 | 0.000 – 0.008 | | | |
| 5 | <i>O. washingtoniae</i> **** | 0.478 | 0.497 | 0.193 | 0.127 | 0.000 | | |
| 6 | <i>O. dactyloni</i> (SVN: 3, Saudi Arabia) | 0.481 | 0.488 | 0.189 | 0.186 | 0.180 | 0.000 | |
| 7 | <i>O. pratensis</i> (SVN: 40, USA) | 0.472 | 0.475 | 0.152 | 0.112 | 0.137 | 0.186 | 0.000 |

* It represents the average genetic distance value of 16 samples of *O. coniferarum* (sample voucher no./SVN: 9, 18, 22, 45, 57, 58, 68, 79, 81, 93, 116, 118, 119, 127, 128, and 150; Table S1), showing the same haplotype from Saudi Arabia.

** It represents the average range of genetic distance value of 29 samples of *O. afrasiaticus* ((SVN: 4, 7, 33, 34, 39, 46, 49, 50, 66, 82, 85, 86, 89, 91, 94, 99, 102, 106, 109, 110, 112, 129, 157, 167, 170, 171, 173, and 176; Table S1 & accession no: DQ656437), showing the same haplotype from Israel, Pakistan, Saudi Arabia, and Yemen. The SVN: 39 was previously claimed as *O. pratensis* from Saudi Arabia [1].

*** It represents the average range of genetic distance value of nine samples of *O. tylus* ((SVN: 16, 51, 54, 61, 67, 98, 125, and 143; Table S1; accession no: MK640235), showing the same haplotype from India, Pakistan, and Saudi Arabia.

**** It represents the average genetic distance value of 10 samples of *O. washingtoniae* (sample voucher no./SVN: 2, 83, 84, 87, 88, 95, 124, 133, 168, and 175; Table S1), showing the same haplotype from Saudi Arabia.

Table S3. Genetic divergence (pairwise p-distance) based on nine COI partial sequences, either obtained in the present study or retrieved from GenBank, among six *Oligonychus* species (Acari: Prostigmata: Tetranychidae), collected/analyzed from Saudi Arabia and the USA.

| No. | <i>Oligonychus</i> species | 1 | 2 | 3 | 4 | 5 | 6 |
|-----|--|-------|---------------|---------------|-------|-------|-------|
| 1 | <i>O. punicae</i> * | 0.000 | | | | | |
| 2 | <i>O. afasiaticus</i> ** | 0.165 | 0.000 – 0.029 | | | | |
| 3 | <i>O. tylus</i> *** | 0.162 | 0.142 | 0.000 – 0.003 | | | |
| 4 | <i>O. washingtoniae</i> (SVN: 2, Saudi Arabia) | 0.147 | 0.106 | 0.127 | 0.000 | | |
| 5 | <i>O. pratensis</i> (SVN: 40, USA) | 0.142 | 0.094 | 0.124 | 0.088 | 0.000 | |
| 6 | <i>O. dactyloni</i> **** | 0.136 | 0.130 | 0.127 | 0.121 | 0.118 | 0.000 |

* It represents the average genetic distance value of three samples of *O. punicae* (sample voucher no./SVN: 144 and 145; Table S1; accession no: MZ425483), showing the same haplotype from Saudi Arabia.

** It represents the average range of genetic distance value of eight samples of *O. afasiaticus* ((SVN: 49, 50, 91, 102, 109, 110, and 112; Table S1; accession no: DQ656482), showing the same haplotype from Israel, Saudi Arabia, and Yemen.

*** It represents the average range of genetic distance value of four samples of *O. tylus* ((SVN: 54, 61, and 143; Table S1; accession no: KU323485), showing the same haplotype from India and Saudi Arabia

**** It represents the average genetic distance value of two samples of *O. dactyloni* (sample voucher no./SVN: 3 and 11; Table S1), showing the same haplotype from Saudi Arabia.

Table S4. Genetic divergence (pairwise p-distance) based on 38 ITS2 partial sequences, either obtained in the present study or retrieved from GenBank, showing variations among various populations of *Oligonychus afrasiaticus* and *O. tylus* (Acari: Prostigmata: Tetranychidae), collected/analyzed from Israel, India, Pakistan, Saudi Arabia, and Yemen.

| No. | <i>Oligonychus</i> species | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|-----|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | <i>O. afrasiaticus</i> (H1)* | 0.000 | | | | | | | | | | | | |
| 2 | <i>O. afrasiaticus</i> (H2)** | 0.006 | 0.000 | | | | | | | | | | | |
| 3 | <i>O. afrasiaticus</i> (H3)*** | 0.004 | 0.006 | 0.000 | | | | | | | | | | |
| 4 | <i>O. afrasiaticus</i> (SVN: 34, Saudi Arabia) (H4) | 0.006 | 0.004 | 0.004 | 0.000 | | | | | | | | | |
| 5 | <i>O. afrasiaticus</i> (SVN: 171, Saudi Arabia) (H5) | 0.006 | 0.004 | 0.006 | 0.000 | 0.000 | | | | | | | | |
| 6 | <i>O. afrasiaticus</i> (H6)**** | 0.008 | 0.002 | 0.008 | 0.002 | 0.002 | 0.000 | | | | | | | |
| 7 | <i>O. afrasiaticus</i> (SVN: 66, Pakistan) (H7) | 0.006 | 0.008 | 0.010 | 0.008 | 0.008 | 0.010 | 0.000 | | | | | | |
| 8 | <i>O. afrasiaticus</i> (SVN: 110, Saudi Arabia) (H8) | 0.006 | 0.004 | 0.010 | 0.004 | 0.004 | 0.002 | 0.008 | 0.000 | | | | | |
| 9 | <i>O. afrasiaticus</i> (SVN: 173, Saudi Arabia) (H9) | 0.010 | 0.008 | 0.004 | 0.006 | 0.008 | 0.010 | 0.012 | 0.012 | 0.000 | | | | |
| 10 | <i>O. tylus</i> (MK640235, India) (H1) | 0.188 | 0.188 | 0.189 | 0.164 | 0.192 | 0.190 | 0.190 | 0.190 | 0.195 | 0.000 | | | |
| 11 | <i>O. tylus</i> (H2)***** | 0.188 | 0.188 | 0.189 | 0.164 | 0.192 | 0.190 | 0.190 | 0.190 | 0.195 | 0.004 | 0.000 | | |
| 12 | <i>O. tylus</i> (SVN: 143, Saudi Arabia) (H3) | 0.190 | 0.190 | 0.191 | 0.166 | 0.194 | 0.192 | 0.192 | 0.192 | 0.197 | 0.008 | 0.004 | 0.000 | |
| 13 | <i>O. tylus</i> (H4)***** | 0.188 | 0.188 | 0.189 | 0.164 | 0.192 | 0.190 | 0.190 | 0.190 | 0.195 | 0.004 | 0.000 | 0.004 | 0.000 |

* It represents the ITS2 haplotype 1 of *O. afrasiaticus* that contains 10 samples (sample voucher no./SVN: 4, 7, 39, 82, 85, 86, 89, 106, and 170; Table S1; accession no: DQ 656437), collected from Israel and Saudi Arabia.

** It represents the ITS2 haplotype 2 of *O. afrasiaticus* that contains eight samples (SVN: 33, 46, 49, 50, 91, 94, 102, and 176; Table S1), collected from Saudi Arabia and Yemen.

*** It represents the ITS2 haplotype 3 of *O. afrasiaticus* that contains three samples (SVN: 99, 157, and 167; Table S1), collected from Saudi Arabia.

**** It represents the ITS2 haplotype 6 of *O. afrasiaticus* that contains three samples (SVN: 109, 112, and 129; Table S1), collected from Saudi Arabia.

***** It represents the ITS2 haplotype 2 of *O. tylus* that contains five samples (SVN: 51, 54, 61, 67, and 98; Table S1), collected from Pakistan and Saudi Arabia.

***** It represents the ITS2 haplotype 4 of *O. tylus* that contains two samples (SVN: 16 and 125; Table S1), collected from Saudi Arabia.

- The yellow highlighted section represents nine different haplotypes of *O. afrasiaticus*.

- The blue highlighted section represents four different haplotypes of *O. tylus*.

Table S5. Genetic divergence (pairwise p-distance) based on 12 COI partial sequences, either obtained in the present study or retrieved from GenBank, showing variations among various populations of *Oligonychus afrasiaticus* and *O. tylus* (Acari: Prostigmata: Tetranychidae), collected/analyzed from Israel, India, Saudi Arabia, and Yemen.

| No. | <i>Oligonychus</i> species | 1 | 2 | 3 | 4 | 5 |
|-----|---|-------|-------|-------|-------|-------|
| 1 | <i>O. afrasiaticus</i> (DQ656482, Israel) (H1) | 0.000 | | | | |
| 2 | <i>O. afrasiaticus</i> (H2)* | 0.029 | 0.000 | | | |
| 3 | <i>O. afrasiaticus</i> (H3)** | 0.020 | 0.010 | 0.000 | | |
| 4 | <i>O. tylus</i> (H1)*** | 0.124 | 0.135 | 0.132 | 0.000 | |
| 5 | <i>O. tylus</i> (H2)**** | 0.124 | 0.141 | 0.139 | 0.003 | 0.000 |

* It represents the COI haplotype 2 of *O. afrasiaticus* that contains five samples (sample voucher no./SVN: 91, 102, 109, 110, and 112; Table S1), collected from Saudi Arabia.

** It represents the COI haplotype 3 of *O. afrasiaticus* that contains two samples (SVN: 49 and 50; Table S1), collected from Yemen.

*** It represents the COI haplotype 1 of *O. tylus* that contains two samples (SVN: 54; Table S1; accession no: KU323485), collected from India and Saudi Arabia.

**** It represents the COI haplotype 2 of *O. tylus* that contains two samples (SVN: 61 and 143; Table S1), collected from Saudi Arabia.

- The yellow highlighted section represents three different haplotypes of *O. afrasiaticus*.

- The blue highlighted section represents two different haplotypes of *O. tylus*.

Table S6. Genetic divergence (pairwise p-distance) based on ITS2 sequences among 15 *Oligonychus* species (Acari: Prostigmata: Tetranychidae), either obtained in the present study or retrieved from GenBank, analyzed from India, Mexico, Saudi Arabia, and the USA.

| No. | <i>Oligonychus</i> species | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|-----|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | <i>O. punicae</i> (MZ435900, Saudi Arabia) | 0.000 | | | | | | | | | | | | | | |
| 2 | <i>O. coniferarum</i> (SVN: 22, Saudi Arabia) | 0.067 | 0.000 | | | | | | | | | | | | | |
| 3 | <i>Oligonychus</i> sp. (KC352302, Mexico)* | 0.104 | 0.081 | 0.000 | | | | | | | | | | | | |
| 4 | <i>O. perseae</i> (SVN. 53, Mexico) | 0.296 | 0.289 | 0.326 | 0.000 | | | | | | | | | | | |
| 5 | <i>O. afrasiaticus</i> (SVN: 91, Saudi Arabia) | 0.470 | 0.481 | 0.493 | 0.500 | 0.000 | | | | | | | | | | |
| 6 | <i>O. tylus</i> (SVN. 54, Saudi Arabia) | 0.452 | 0.459 | 0.481 | 0.489 | 0.115 | 0.000 | | | | | | | | | |
| 7 | <i>O. washingtoniae</i> (SVN: 2, Saudi Arabia) | 0.448 | 0.456 | 0.478 | 0.489 | 0.133 | 0.078 | 0.000 | | | | | | | | |
| 8 | <i>O. dactyloni</i> (SVN: 3, Saudi Arabia) | 0.467 | 0.478 | 0.493 | 0.511 | 0.181 | 0.144 | 0.144 | 0.000 | | | | | | | |
| 9 | <i>O. pratensis</i> (SVN: 40, USA) | 0.470 | 0.478 | 0.496 | 0.485 | 0.141 | 0.089 | 0.115 | 0.148 | 0.000 | | | | | | |
| 10 | <i>O. indicus</i> (MN190324, India) | 0.470 | 0.478 | 0.489 | 0.493 | 0.122 | 0.063 | 0.081 | 0.115 | 0.074 | 0.000 | | | | | |
| 11 | <i>Oligonychus</i> sp. (MK386956, India) | 0.470 | 0.463 | 0.481 | 0.507 | 0.152 | 0.096 | 0.133 | 0.141 | 0.126 | 0.081 | 0.000 | | | | |
| 12 | <i>Oligonychus</i> sp. (OL830813, India) | 0.467 | 0.456 | 0.474 | 0.496 | 0.144 | 0.081 | 0.111 | 0.130 | 0.104 | 0.067 | 0.044 | 0.000 | | | |
| 13 | <i>Oligonychus</i> sp. (MG677944, India) | 0.456 | 0.463 | 0.485 | 0.493 | 0.115 | 0.056 | 0.070 | 0.141 | 0.078 | 0.059 | 0.104 | 0.081 | 0.000 | | |
| 14 | <i>Oligonychus</i> sp. (MG429138, India) | 0.448 | 0.463 | 0.478 | 0.481 | 0.115 | 0.044 | 0.093 | 0.137 | 0.100 | 0.078 | 0.104 | 0.089 | 0.074 | 0.000 | |
| 15 | <i>O. oryzae</i> (OP214345, India) | 0.470 | 0.463 | 0.481 | 0.507 | 0.152 | 0.096 | 0.126 | 0.137 | 0.119 | 0.081 | 0.037 | 0.037 | 0.104 | 0.104 | 0.000 |

* It represents a cryptic *Oligonychus* sp., previously claimed as *O. punicae* in Mexico [2].

Table S7. Genetic divergence (pairwise p-distance) based on COI sequences among 32 *Oligonychus* species (Acari: Prostigmata: Tetranychidae), either obtained in the present study or retrieved from GenBank.

| No. | <i>Oligonychus</i> species | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
|-----|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | <i>O. punicae</i> (MZ425483, Saudi Arabia) | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | <i>Oligonychus</i> sp. (SVN: 52, Mexico)* | 0.104 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | <i>O. ununguis</i> (AB683664, Japan) | 0.107 | 0.078 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | <i>O. ununguis</i> (GU329963, China) | 0.087 | 0.104 | 0.110 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | <i>O. ununguis</i> (X80865, France) | 0.097 | 0.091 | 0.065 | 0.068 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | <i>O. gotohi</i> (AB683669, Japan) | 0.074 | 0.074 | 0.084 | 0.087 | 0.087 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | <i>O. castaneae</i> (AB683666, Japan) | 0.084 | 0.084 | 0.061 | 0.074 | 0.055 | 0.074 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | <i>O. pustulosus</i> (AB683655, Japan) | 0.091 | 0.087 | 0.084 | 0.068 | 0.071 | 0.074 | 0.081 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | <i>O. tsudomei</i> (AB683659, Japan) | 0.091 | 0.087 | 0.097 | 0.084 | 0.091 | 0.087 | 0.084 | 0.084 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | <i>O. ilicis</i> (AB683660, Japan) | 0.094 | 0.087 | 0.084 | 0.087 | 0.078 | 0.078 | 0.087 | 0.081 | 0.094 | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | <i>O. amiensis</i> (AB683673, Japan) | 0.107 | 0.100 | 0.091 | 0.094 | 0.091 | 0.091 | 0.081 | 0.081 | 0.087 | 0.078 | 0.000 | | | | | | | | | | | | | | | | | | | | | |
| 12 | <i>O. hondoensis</i> (AB683658, Japan) | 0.110 | 0.107 | 0.091 | 0.107 | 0.078 | 0.113 | 0.078 | 0.081 | 0.097 | 0.091 | 0.097 | 0.000 | | | | | | | | | | | | | | | | | | | | |
| 13 | <i>O. perditus</i> (AB683665, Japan) | 0.120 | 0.081 | 0.071 | 0.113 | 0.087 | 0.074 | 0.084 | 0.094 | 0.091 | 0.097 | 0.107 | 0.113 | 0.000 | | | | | | | | | | | | | | | | | | | |
| 14 | <i>O. clavatus</i> (AB683653, Japan) | 0.084 | 0.100 | 0.097 | 0.065 | 0.074 | 0.074 | 0.068 | 0.081 | 0.081 | 0.068 | 0.087 | 0.087 | 0.097 | 0.000 | | | | | | | | | | | | | | | | | | |
| 15 | <i>O. neocastaneae</i> (LC341206, Japan) | 0.087 | 0.100 | 0.104 | 0.032 | 0.081 | 0.084 | 0.065 | 0.091 | 0.087 | 0.091 | 0.110 | 0.110 | 0.113 | 0.071 | 0.000 | | | | | | | | | | | | | | | | | |
| 16 | <i>O. karamatus</i> (AB683656, Japan) | 0.097 | 0.081 | 0.091 | 0.074 | 0.074 | 0.081 | 0.068 | 0.078 | 0.084 | 0.068 | 0.081 | 0.087 | 0.084 | 0.071 | 0.071 | 0.000 | | | | | | | | | | | | | | | | |
| 17 | <i>O. camelliae</i> (AB683662, Japan) | 0.113 | 0.078 | 0.087 | 0.097 | 0.084 | 0.084 | 0.084 | 0.078 | 0.087 | 0.078 | 0.094 | 0.094 | 0.087 | 0.087 | 0.107 | 0.087 | 0.000 | | | | | | | | | | | | | | | |
| 18 | <i>O. platani</i> (X80866, France) | 0.100 | 0.100 | 0.100 | 0.081 | 0.071 | 0.094 | 0.081 | 0.071 | 0.084 | 0.068 | 0.081 | 0.094 | 0.107 | 0.074 | 0.091 | 0.074 | 0.084 | 0.000 | | | | | | | | | | | | | | |
| 19 | <i>Oligonychus</i> sp. (MF462136, Australia) | 0.094 | 0.074 | 0.071 | 0.087 | 0.078 | 0.074 | 0.065 | 0.068 | 0.087 | 0.078 | 0.091 | 0.091 | 0.081 | 0.091 | 0.087 | 0.074 | 0.081 | 0.091 | 0.000 | | | | | | | | | | | | | |
| 20 | <i>O. perseae</i> (DQ656485, Israel) | 0.129 | 0.117 | 0.097 | 0.142 | 0.107 | 0.117 | 0.107 | 0.107 | 0.133 | 0.117 | 0.123 | 0.129 | 0.123 | 0.133 | 0.146 | 0.123 | 0.123 | 0.136 | 0.107 | 0.000 | | | | | | | | | | | | |
| 21 | <i>O. biharensis</i> (OP363224, India) | 0.149 | 0.149 | 0.159 | 0.123 | 0.120 | 0.149 | 0.133 | 0.133 | 0.139 | 0.139 | 0.155 | 0.142 | 0.159 | 0.123 | 0.133 | 0.120 | 0.155 | 0.123 | 0.139 | 0.159 | 0.000 | | | | | | | | | | | |
| 22 | <i>O. indicus</i> (KC009700, India) | 0.162 | 0.159 | 0.152 | 0.155 | 0.152 | 0.159 | 0.146 | 0.152 | 0.146 | 0.159 | 0.165 | 0.159 | 0.175 | 0.146 | 0.155 | 0.172 | 0.162 | 0.162 | 0.152 | 0.155 | 0.136 | 0.000 | | | | | | | | | | |
| 23 | <i>O. orthius</i> (AB683675, Japan) | 0.149 | 0.126 | 0.117 | 0.129 | 0.123 | 0.117 | 0.126 | 0.091 | 0.123 | 0.113 | 0.129 | 0.117 | 0.139 | 0.126 | 0.136 | 0.123 | 0.120 | 0.117 | 0.113 | 0.142 | 0.123 | 0.104 | 0.000 | | | | | | | | | |
| 24 | <i>O. rubicundus</i> (AB683681, Japan) | 0.149 | 0.133 | 0.129 | 0.139 | 0.123 | 0.126 | 0.133 | 0.110 | 0.133 | 0.123 | 0.139 | 0.136 | 0.133 | 0.133 | 0.152 | 0.123 | 0.126 | 0.133 | 0.110 | 0.120 | 0.113 | 0.107 | 0.068 | 0.000 | | | | | | | | |
| 25 | <i>O. modestus</i> (AB683677, Japan) | 0.149 | 0.139 | 0.146 | 0.152 | 0.149 | 0.126 | 0.139 | 0.120 | 0.133 | 0.139 | 0.129 | 0.146 | 0.149 | 0.142 | 0.159 | 0.133 | 0.136 | 0.142 | 0.107 | 0.165 | 0.142 | 0.113 | 0.097 | 0.100 | 0.000 | | | | | | | |
| 26 | <i>O. grypus</i> (MW491838, India) | 0.139 | 0.159 | 0.142 | 0.152 | 0.146 | 0.155 | 0.136 | 0.136 | 0.149 | 0.129 | 0.149 | 0.133 | 0.172 | 0.133 | 0.146 | 0.136 | 0.155 | 0.133 | 0.117 | 0.162 | 0.113 | 0.110 | 0.091 | 0.097 | 0.117 | 0.000 | | | | | | |
| 27 | <i>Oligonychus</i> sp. (KP180428, USA) | 0.146 | 0.142 | 0.146 | 0.155 | 0.136 | 0.139 | 0.139 | 0.142 | 0.155 | 0.142 | 0.162 | 0.152 | 0.162 | 0.139 | 0.162 | 0.142 | 0.152 | 0.139 | 0.126 | 0.149 | 0.107 | 0.136 | 0.113 | 0.091 | 0.126 | 0.123 | 0.000 | | | | | |
| 28 | <i>O. afrasiaticus</i> (SVN: 91, Saudi Arabia) | 0.165 | 0.146 | 0.149 | 0.168 | 0.155 | 0.155 | 0.146 | 0.149 | 0.146 | 0.149 | 0.149 | 0.146 | 0.159 | 0.155 | 0.168 | 0.146 | 0.146 | 0.136 | 0.142 | 0.155 | 0.123 | 0.123 | 0.100 | 0.094 | 0.117 | 0.136 | 0.133 | 0.000 | | | | |
| 29 | <i>O. tylus</i> (SVN: 54, Saudi Arabia) | 0.165 | 0.159 | 0.155 | 0.152 | 0.139 | 0.162 | 0.165 | 0.139 | 0.155 | 0.165 | 0.181 | 0.159 | 0.146 | 0.142 | 0.162 | 0.172 | 0.162 | 0.159 | 0.168 | 0.172 | 0.139 | 0.117 | 0.110 | 0.120 | 0.136 | 0.142 | 0.139 | 0.142 | 0.000 | | | |
| 30 | <i>O. washingtoniae</i> (SVN: 2, Saudi Arabia) | 0.152 | 0.129 | 0.142 | 0.155 | 0.152 | 0.139 | 0.146 | 0.129 | 0.146 | 0.136 | 0.162 | 0.146 | 0.159 | 0.152 | 0.149 | 0.146 | 0.152 | 0.146 | 0.126 | 0.152 | 0.126 | 0.104 | 0.084 | 0.074 | 0.107 | 0.100 | 0.091 | 0.104 | 0.133 | 0.000 | | |
| 31 | <i>O. pratensis</i> (SVN: 40, USA) | 0.142 | 0.159 | 0.139 | 0.162 | 0.142 | 0.159 | 0.142 | 0.136 | 0.162 | 0.136 | 0.172 | 0.152 | 0.162 | 0.142 | 0.159 | 0.146 | 0.162 | 0.142 | 0.139 | 0.152 | 0.142 | 0.120 | 0.100 | 0.094 | 0.133 | 0.117 | 0.113 | 0.097 | 0.129 | 0.087 | 0.000 | |
| 32 | <i>O. dactyloni</i> (SVN: 3, Saudi Arabia) | 0.133 | 0.139 | 0.149 | 0.139 | 0.136 | 0.139 | 0.133 | 0.133 | 0.129 | 0.136 | 0.165 | 0.155 | 0.159 | 0.129 | 0.126 | 0.133 | 0.152 | 0.129 | 0.136 | 0.152 | 0.126 | 0.123 | 0.117 | 0.113 | 0.126 | 0.107 | 0.123 | 0.136 | 0.129 | 0.120 | 0.120 | 0.000 |

* It represents a cryptic *Oligonychus* sp., previously claimed as *O. punicae* in Mexico [2].

- The yellow highlighted section represents three GenBank sequences of the claimed *O. ununguis* from Japan, China, and France that need to be revisited to confirm the taxonomic identity of their voucher specimens.

References

1. Alatawi, F.J.; Kamran, M. Spider mites (Acari: Tetranychidae) of Saudi Arabia: two new species, new records and a key to all known species. *Journal of Natural History* **2018**, *52*, 429-455, doi:10.1080/00222933.2018.1434251.
2. Mushtaq, H.M.S.; Kamran, M.; Saleh, A.A.; Alatawi, F.J. Evidence for Reconsidering the Taxonomic Status of Closely Related *Oligonychus* Species in punicae Complex (Acari: Prostigmata: Tetranychidae). *Insects* **2023**, *14*, 1-16, doi:10.3390/insects14010003.