

論文 Article

The mite taxa created by S. Ehara and his coauthors with depositories of their type series (Arachnida: Acari)

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江原昭三と共著者によって創設されたダニ類のタクサ（分類群）およびこれらのタイプ・シリーズの保管施設（クモ形綱・ダニ目）

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Abstract: The mite taxa (205 species, 4 genera, 1 subgenus, and 1 tribe) created by the late Dr. S. Ehara and his coauthors are listed here. The original names of the taxa are used but listed under each taxa is the new name (if it has changed), the type localities, habitats and depositories of each type series (along with Museum and accession number(s) of holotype and a part of paratypes). The full list of Ehara's publications is also presented as well as his obituary.

Key words: Arachnida, Acari, taxa, type series, depository, type locality, type habitat, obituary

要旨: 江原昭三とその共著者によって創設されたダニ類タクサ（1族、4属、1亜属、205種）は多くの論文に分かれて発表されているので、これらのタクサをリストアップし、合わせてタイプ・シリーズの保管施設（博物館など）を記した。すなわち、原記載のままの学名、現在の和名（丸かっこ内）、学名記載頁、図番号、タイプ産地とタイプ生息地、タイプ・シリーズの保管施設名（ホロタイプのすべてと一部のパラタイプについては標本番号）を記録した。ここで取り上げたタクサの一部は、こんにち変更されている場合があり、この場合には現行の学名が付記されている。巻末には、江原昭三著作目録を掲げる。

The first author of this article, Shôzô Ehara has described a total of 1 tribe, 4 genera, 1 subgenus, and 205 species of mites (Arachnida: Acari) as new in his 119 solo and 86 joint articles since 1954. The type specimens of those species have mainly been deposited in the following three museums and laboratories: Zoological Institute of Hokkaido University (now Hokkaido University Museum) for species described between 1954 and 1967; Biological Institute, Faculty of Education (now Faculty of Regional Sciences) of Tottori University (1968–1993); and National Science Museum of Tokyo (1994–present).

However, due to restoration work to the building of the Faculty of Regional Sciences of Tottori University for enhancing earthquake safety, launched in July 2008, the type specimens including a total of 92 holotypes stored therein were forced to move somewhere else at least during the period of construction. Taking various circumstances into consideration, we decided to relegate those specimens to three different museums: the National Science Museum, Tokyo; the Hokkaido University Museum; and the Tottori Prefectural Museum, and have managed to finish sorting and shipping of the specimens.

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This is a complete list of the mite species described by Ehara and his coworkers that was prepared primarily to announce the change of type depositories of some of the taxa.

Format of the list

The species are listed according to the chronological order, namely according to the date of publication where the taxa were described. Information on each species comprises: 1) scientific name of the species as it appear in the original description, with the family name to which the species belongs in parentheses; 2) current name of the species, when the species is synonymized with another senior synonym or the name is modified due to generic transfer; 3) Japanese name when it is available; 4) author(s) and publication date of original description, page number of description, figure numbers; 5) type locality; 6) type habitat, where the holotype was collected; 7) type series (with accession numbers) and depositories (Note that the number of paratypes recorded here means that of paratype slides and hence it does not always correspond to the number of paratype specimens because each of those slides often carries more than one specimen); 8) notes.

The currently valid name of each species is in bold.

Abbreviations of depositories and collection sites are as follows:

APAES: Aomori Prefectural Apple Experimental Station, Aomori

ARC-PPRI: ARC-Plant Protection Research Institute, Pretoria, South Africa

AUW: Agricultural University, Wageningen, The Netherlands

BLMSC: Biological Laboratory, Matsuyama Shinonome Junior College, Matsuyama

CBNU: Department of Biology, ChonBuk National University, Korea

FRIM: Forest Research Institute of Malaysia, Kepong, Selangor, Malaysia

HUM: Hokkaido University Museum, Sapporo

KUM: Kyoto University Museum, Kyoto

MZB: Museum Zoologicum Bogoriense, Jl. Raya Jakarta Bogor, Indonesia

NJAU: Department of Entomology, Nanjing Agricultural University, Nanjing, China

NSMT: National Science Museum, Shinjuku-ku, Tokyo

TRPM: Tottori Prefectural Museum, Tottori

UCD, DE: Department of Entomology, University of California, Davis

USNM: United States National Museum, Washington D. C.

ZIHU: Zoological Institute of Hokkaido University (now the HUM)

Other abbreviations:

Jpn N = Japanese name for the taxon. As a rule, Japanese name is applied

Current N = current name, namely the name currently valid for the taxon

Type loc. = type locality

Type hab. = type habitat, namely plant name or other type of microhabitat where the holotype was originally collected

Taxa Described by S. Ehara and his Coauthors

1. *Paratetranychus hondoensis* Ehara, 1954 (Tetranychidae)

Current N: ***Oligonychus hondoensis* (Ehara, 1954)**

(Jpn N: Sugino-hadani)

Ehara 1954a, p. 102, figs. 1–5. Type loc.: Sibusawa, Kanagawa Pref., Honshu, JAPAN. Type hab.: *Cryptomeria japonica* (Jpn N: Sugi. Taxodiaceae).

Holotype (ZIHU-3390) and 4 paratypes in HUM.

2. *Paratetranychus inouei* Ehara, 1954 (Tetranychidae)

Current N: ***Oligonychus ununguis* (Jacobi, 1905)**

(Jpn N: Todomatsuno-hadani)

Ehara 1954a, p. 104, figs. 6–9. Type loc.: Kawayu, Prov. Kushirokoku, Hokkaido, JAPAN. Type hab.: *Picea jezoensis* (Jpn N: Ezomatsu. Pinaceae).

Holotype (ZIHU-3391) and 5 paratypes in HUM.

3. *Eotetranychus kankitus* Ehara, 1955 (Tetranychidae)

(Jpn N: Miyake-akehadani)

Ehara 1955a, p. 178, figs. 1–8. Type loc.: Hisatomo-mura, Is. Ôsaki-Shimo-jima, Hiroshima Pref., Honshu, JAPAN. Type hab.: citrus (Rutaceae).

Holotype (ZIHU-3392) and 8 paratypes in HUM.

4. *Paratetranychus karamatus* Ehara, 1956 (Tetranychidae)

Current N: ***Oligonychus karamatus* (Ehara, 1956)**

(Jpn N: Karamatsu-tsumehadani)

Ehara 1956a, p. 247, figs. 5–10. Type loc.: Nanaé, the vicinity of Hakodate, Hokkaido, JAPAN. Type hab.: *Larix leptolepis* (Jpn N: Karamatsu. Pinaceae).

Holotype (ZIHU-3393) and 26 paratypes in HUM.

5. *Eotetranychus uchidai* Ehara, 1956 (Tetranychidae)

(Jpn N: Uchida-akehadani)

Ehara 1956c, p. 139, figs. 1–10. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: *Ulmus davidiana* Planch var. *japonica* (Rehd.) Nakai (Jpn N: Harunire. Ulmaceae).

Holotype (ZIHU-3394) and 14 paratypes in HUM.

6. *Tetranychus truncatus* Ehara, 1956 (Tetranychidae)

(Jpn N: Ishii-namihadani)

Ehara 1956e, p. 507, figs. 28–31. Type loc.: Sugunami, Tokyo, Honshu, JAPAN. Type hab.: mulberry (Jpn N: Kuwa. Moraceae).

Holotype (ZIHU-3395) and 7 paratypes in HUM.

7. *Schizotetranychus recki* Ehara, 1957 (Tetranychidae)

(Jpn N: Himesasa-matahadani)

Ehara 1957a, p. 20, figs. 25–35. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: *Sasa* bamboo (Jpn N: Sasa-zoku. Bambusaceae).

Holotype (ZIHU-3396) and 13 paratypes in HUM.

8. *Typhlodromus japonicus* Ehara, 1958 (Phytoseiidae)

Current N: *Scapulaseius japonicus* (Ehara, 1958)

(Jpn N: Yamato-kaburidani)

Ehara 1958a, p. 56, figs. 7–9. Type loc.: Koshino-o, Nishimera, Miyazaki Pref., Kyushu, JAPAN. Type hab.: *Mallotus japonicus* (Thunb. ex Murray) Mueller-Arg. (Jpn N: Akamegashiwa. Euphorbiaceae).

Holotype (ZIHU-3397) and 4 paratypes in HUM.

9. *Paratetranychus clavatus* Ehara, 1959 (Tetranychidae)

Current N: *Oligonychus clavatus* (Ehara, 1959)

(Jpn N: Matsu-tsumehadani)

Ehara 1959a, p. 97, figs. 1–13. Type loc.: Hoshida, Katano, Osaka Pref., Honshu, JAPAN. Type hab.: *Pinus densiflora* Sieb. & Zucc. (Jpn N: Akamatsu. Pinaceae) or *Pinus thunbergii* Parl. (Jpn N: Kuromatsu. Pinaceae).

Holotype (ZIHU-3398) and 17 paratypes in HUM.

10. *Typhlodromus vulgaris* Ehara, 1959 (Phytoseiidae)

(Jpn N: Futsuu-kaburidani)

Ehara 1959b, p. 286, figs. 1–5. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: apple (Jpn N: Ringo. Rosaceae).

Holotype (ZIHU-3399) and 10 paratypes in HUM.

11. *Amblyseius* (s. str.) *tsugawai* Ehara, 1959 (Phytoseiidae)

(Jpn N: Michinoku-kaburidani)

Ehara 1959b, p. 290, figs. 12–13. Type loc.: Kuroishi, Aomori Pref., Honshu, JAPAN. Type hab.: apple (Jpn N: Ringo. Rosaceae).

Holotype in APAES.

12. *Amblyseius orientalis* Ehara, 1959 (Phytoseiidae)

(Jpn N: Tôyô-kaburidani)

Ehara 1959b, p. 291, figs. 14–16. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: *Quercus crispula* Blume (Jpn N: Mizunara. Fagaceae).

Holotype (ZIHU-3400) and 4 paratypes in HUM.

13. *Tetranychus phaselus* Ehara, 1960 (Tetranychidae)

(Jpn N: Sagami-namihadani)

Ehara 1960a, p. 238, figs. 28–39. Type loc.: Ninomiya, Kanagawa Pref., Honshu, JAPAN. Type hab.: *Phaseolus vulgaris* Linnaeus (Jpn N: Ingen-mame. Fabaceae).

Holotype (ZIHU-3401) and 11 paratypes in HUM.

14. *Bdella uchidai* Ehara, 1961 (Bdellidae)

(Jpn N: Hime-iso-tengudani)

Ehara 1961b, p. 249, figs. 4–12. Type loc.: Ranshima, Hokkaido, JAPAN. Type hab.: the rocks or stones in the intertidal zone.

Holotype (ZIHU-3402) and 30 paratypes in HUM.

15. *Thoribdella japonica* Ehara, 1961 (Bdellidae)

Current N: *Bdellodes (Hoplopscirus) japonicus* (Ehara, 1961)

(Jpn N: Yamato-tengudani)

Ehara 1961b, p. 258, figs. 26–32. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: ezo-spruce (Jpn N: Ezomatsu. Pinaceae).

Holotype (ZIHU-3403) and 6 paratypes in HUM.

16. *Phytoseius (Dubininellus) nipponicus* Ehara, 1962

(Phytoseiidae)

(Jpn N: Kebuto-kaburidani)

Ehara 1962a, p. 55, figs. 7–11. Type loc.: Den-en-chôfu, Tokyo, Tokyo Pref., Honshu, JAPAN. Type hab.: chrysanthemum (Jpn N: Kiku. Asteraceae).

Holotype (ZIHU-3404) and 2 paratypes in HUM.

17. *Paracheyletia bakeri* Ehara, 1962 (Cheyletidae)
Current N: ***Hemicheyletia bakeri* (Ehara, 1962)**
(Jpn N: Uroko-tsumedani)
Ehara 1962b, p. 109, figs. 2, 3. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: *Hibiscus rosa-sinensis* (Jpn N: Bussôge. Malvaceae).
Holotype (ZIHU-3405) and 3 paratypes in HUM.
18. ***Oligonychus pustulosus* Ehara, 1962** (Tetranychidae)
(Jpn N: Ezosugi-tsumehadani)
Ehara 1962c, p. 158, figs. 1–11. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: Japanese cedar, *Cryptomeria japonica* (Jpn N: Sugi. Taxodiaceae).
Holotype (ZIHU-3406) and 13 paratypes in HUM.
19. ***Tetranychus ezoensis* Ehara, 1962** (Tetranychidae)
(Jpn N: Araragi-namihadani)
Ehara 1962c, p. 171, figs. 37–42. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: *Taxus cuspidata* (Jpn N: Ichii. Taxaceae).
Holotype (ZIHU-3407) and 13 paratypes in HUM.
20. *Oligonychus shinkajii* Ehara, 1963 (Tetranychidae)
Current N: ***Oligonychus modestus* (Banks, 1900)**
(Jpn N: Ine-tsumehadani)
Ehara 1963b, p. 228, figs. 1–10. Type loc.: Hiratsuka, Kanagawa Pref., Honshu, JAPAN. Type hab.: corn (Poaceae).
Holotype (ZIHU-3408) and 14 paratypes in HUM.
21. ***Agistemus summersi* Ehara, 1964** (Stigmaeidae)
(Jpn N: Ezo-nagahishidani)
Ehara 1964a, p. 227, figs. 1, 2. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: *Sasa* bamboo (Bambusaceae).
Holotype and allotype missing and 1 paratype in HUM.
Notes. Type specimens of *Agistemus summersi*, *Amblyseius sojaensis* (#24) deposited in the Zoological Institute of the Faculty of Science, Hokkaido University (now Hokkaido University Museum) were on loan to the first author and then housed in the Biological Laboratory of the Faculty of Education, Tottori University, until October 2008. Unfortunately, we (Ohashi, Gotoh, and Tsurusaki) failed to find the type series of these species in the collection stored in the laboratory. It is likely that they were lost inadvertently during a temporal relocation of the bulk of the collection to Ehara's home. Type series was also missing for *Typhlodromus (Paraseiulus) yokogawae* (#117).
22. ***Agistemus lobatus* Ehara, 1964** (Stigmaeidae)
(Jpn N: Kita-nagahishidani)
Ehara 1964a, p. 230, figs. 5–7. Type loc.: Kuroishi, Aomori Pref., Honshu, JAPAN. Type hab.: apple (Jpn N: Ringo. Rosaceae).
Holotype (ZIHU-3409) and 3 paratypes in HUM.
23. *Typhlodromus (Neoseiulus) bambusae* Ehara, 1964
(Phytoseiidae)
Current N: ***Typhlodromus (Anthoseius) bambusae* Ehara, 1964**
(Jpn N: Take-kaburidani)
Ehara 1964c, p. 379, figs. 1–4. Type loc.: Tottori, Tottori Pref., Honshu, JAPAN. Type hab.: *Chimonobambusa marmorea* Makino (Jpn N: Kanchiku. Bambusaceae).
Holotype (ZIHU-3410) and 2 paratypes in HUM.
24. *Amblyseius sojaensis* Ehara, 1964 (Phytoseiidae)
Current N: ***Euseius sojaensis* (Ehara, 1964)**
(Jpn N: Kôzuke-kaburidani)
Ehara 1964c, p. 381, figs. 5–8. Type loc.: Sôja, Gumma Pref., Honshu, JAPAN. Type hab.: mulberry (Jpn N: Kuwa. Moraceae).
Holotype and 1 paratype missing.
Notes. See “Notes” under “*Agistemus summersi*”.
25. *Amblyseius oguroi* Ehara, 1964 (Phytoseiidae)
Current N: ***Scapulaseius oguroi* (Ehara, 1964)**
(Jpn N: Kita-kaburidani)
Ehara 1964c, p. 384, figs. 17–23. Type loc.: Sendai, Miyagi Pref., Honshu, JAPAN. Type hab.: *Mallotus japonicus* (Thunb. ex Murray) Mueller-Arg. (Jpn N: Akamegashiwa. Euphorbiaceae).
Holotype (ZIHU-3411) and 3 paratypes in HUM.
26. ***Lasioseius sugawarai* Ehara, 1964** (Ascidae)
(Jpn N: Kazari-mayoidani)
Ehara 1964c, p. 390, figs. 41–49. Type loc.: Morioka, Iwate Pref., Honshu, JAPAN. Type hab.: strawberry (Rosaceae).
Holotype (ZIHU-3412) and 2 paratypes in HUM.
27. ***Cheylostigmaeus multidentatus* Summers & Ehara, 1965** (Stigmaeidae)
Summers & Ehara 1965, p. 54, figs. 3, 8, 11, 15, 17. Type loc.: Jardin Botánico Nacional, Vine del Mar, CHILE. Type hab.: soil near spring.

Holotype and 1 paratype in USNM and others in UCD, DE.

28. *Cheylostigmaeus californicus* Summers & Ehara, 1965 (Stigmaeidae)

Summers & Ehara 1965, p. 56, figs. 4, 6, 7, 16, 18. Type loc.: Post Pile Camp, Tehama County, California, USA. Type hab.: rotting logs.

Holotype and allotype in UCD, DE and paratypes in USNM.

29. *Heteroteneriffia tokiokai* Ehara, 1965 (Teneriffiidae)

Current N: *Heteroteneriffia marina* Hirst, 1926
(Jpn N: Iso-yubidani)

Ehara 1965a, p. 222, figs. 1–10. Type loc.: Hatake-zima near Shirahama, Wakayama Pref., Honshu, JAPAN. Type hab.: rock in intertidal zone.

Holotype (ZIHU-3413) and 6 paratypes in HUM.

30. *Neoteneriffiola japonica* Ehara, 1965 (Teneriffiidae)

(Jpn N: Usuge-yubidani)

Ehara 1965a, p. 226, figs. 11–18. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: elm bark (Ulmaceae).

Holotype (ZIHU-3414) in HUM.

31. *Lasioseius japonicus* Ehara, 1965 (Ascidae)

(Jpn N: Shibata-mayoidani)

Ehara 1965b, p. 25, figs. 1–13. Type loc.: Niigata, Niigata Pref., Honshu, JAPAN. Type hab.: laboratory culture of the bulb mite, *Rhizoglyphus echinopus*.

Holotype (ZIHU-3415) and 4 paratypes in HUM.

32. *Eotetranychus shii* Ehara, 1965 (Tetranychidae)

Current N: *Schizotetranychus shii* (Ehara, 1965)

(Jpn N: Shiinoki-matahadani)

Ehara 1965c, p. 618, figs. 1–14. Type loc.: Matsuyama, Ehime Pref., Shikoku, JAPAN. Type hab.: *Shiia sieboldii* Makino (= *Castanopsis sieboldii* (Makino) Hatusima ex Yamazaki & Masiba). (Jpn N: Itajii. Fagaceae).

Holotype (ZIHU-3416) and 11 paratypes in HUM.

33. *Eotetranychus celtis* Ehara, 1965 (Tetranychidae)

(Jpn N: Enoki-akehadani)

Ehara 1965c, p. 620, figs. 15–25. Type loc.: Kôchi, Kôchi Pref., Shikoku, JAPAN. Type hab.: *Celtis sinensis* Persoon var. *japonica* Nakai. (Jpn N: Enoki. Ulmaceae).

Holotype (ZIHU-3417) and 9 paratypes in HUM.

34. *Typhlodromus (Neoseiulus) insularis* Ehara, 1966
(Phytoseiidae)

Current N: *Typhlodromus (Anthoseius) insularis* Ehara, 1966

(Jpn N: Seto-kaburidani)

Ehara 1966a, p. 10, figs. 1–6. Type loc.: Takamatsu, Kagawa Pref., Shikoku, JAPAN. Type hab.: *Viburnum* sp. (Jpn N: Gamazumi sp. Caprifoliaceae).

Holotype (ZIHU-3418) and 1 paratype in HUM.

35. *Typhlodromus (Neoseiulus) yasumatsui* Ehara, 1966
(Phytoseiidae)

Current N: *Typhlodromus (Anthoseius) yasumatsui* Ehara, 1966

(Jpn N: Yasumatsu-kaburidani)

Ehara 1966a, p. 11, figs. 7–14. Type loc.: Kôchi, Kôchi Pref., Shikoku, JAPAN. Type hab.: undetermined plant.

Holotype (ZIHU-3419) and 3 paratypes in HUM.

36. *Amblyseius (Amblyseius) kaguya* Ehara, 1966
(Phytoseiidae)

Current N: *Amblyseius (s. str.) kaguya* Ehara, 1966
(Jpn N: Nangoku-kaburidani)

Ehara 1966a, p. 12, figs. 15–19. Type loc.: Kôchi, Kôchi Pref., Shikoku, JAPAN. Type hab.: bamboo (Jpn N: Take-ka. Bambusaceae).

Holotype (ZIHU-3420) and 6 paratypes in HUM.

37. *Phytoseius (Phytoseius) blakistoni* Ehara, 1966
(Phytoseiidae)

Current N: *Phytoseius (Dubininellus) blakistoni* Ehara, 1966

(Jpn N: Tomoe-kaburidani)

Ehara 1966a, p. 14, figs. 20–26. Type loc.: Mt. Hakodate, Hakodate, Hokkaido, JAPAN. Type hab.: *Salix reinii* (Jpn N: Mineyanagi. Salicaceae).

Holotype (ZIHU-3421) and 4 paratypes in HUM.

38. *Phytoseius (Phytoseius) capitatus* Ehara, 1966
(Phytoseiidae)

Current N: *Phytoseius (Dubininellus) capitatus* Ehara, 1966

(Jpn N: Shikoku-kaburidani)

Ehara 1966a, p. 15, figs. 27–32. Type loc.: Matsuyama, Ehime Pref., Shikoku, JAPAN. Type hab.: *Rhus* sp. (Jpn N: Urushi sp. Anacardiaceae).

Holotype (ZIHU-3422) in HUM.

39. *Amblyseius sakagamii* Ehara, 1966 (Phytoseiidae)

Current N: *Euseius sakagamii* (Ehara, 1966)

Ehara 1966b, p. 130, figs. 1–7. Type loc.: Rio Claro, State of São Paulo, BRAZIL. Type hab.: *Dombea natalensis* (Sterculiaceae).

Holotype (ZIHU-3423) and 6 paratypes in HUM.

40. *Amblyseius neotropicus* Ehara, 1966 (Phytoseiidae)

Current N: *Proprioseiopsis neotropicus* (Ehara, 1966)

Ehara 1966b, p. 133, figs. 12–16. Type loc.: Rio Claro, State of São Paulo, BRAZIL. Type hab.: unidentified plant.

Holotype (ZIHU-3424) and 1 paratype in HUM.

41. *Amblyseius akahirai* Ehara, 1966 (Phytoseiidae)

Current N: *Typhlodromips akahirai* (Ehara, 1966)

Ehara 1966b, p. 134, figs. 17–21. Type loc.: Rio Claro, State of São Paulo, BRAZIL. Type hab.: *Sapindus saponaria* L. (Sapindaceae).

Holotype (ZIHU-3425) in HUM.

42. *Phytoseiulus chanti* Ehara, 1966 (Phytoseiidae)

Current N: *Phytoseiulus macropilis* (Banks, 1904)

Ehara 1966b, p. 135, figs. 22–26. Type loc.: Rio Claro, State of São Paulo, BRAZIL. Type hab.: *Sapindus saponaria* L. (Sapindaceae).

Holotype (ZIHU-3426) and 3 paratypes in HUM.

43. *Phytoseius (Pennaseius) mumai* Ehara, 1966

(Phytoseiidae)

Ehara 1966b, p. 137, figs. 27–30. Type loc.: Rio Claro, State of São Paulo, BRAZIL. Type hab.: *Musa sapientium* L. (Musaceae).

Holotype (ZIHU-3427) in HUM.

44. *Eotetranychus asiaticus* Ehara, 1966 (Tetranychidae)

(Jpn N: Kôno-akehadani)

Ehara 1966c, p. 8, figs. 5–13. Type loc.: Tomigusuku, Okinawa Is., Okinawa Pref., JAPAN. Type hab.: *Ficus erecta* Thunb. (Jpn N: Inubiwa. Moraceae).

Holotype (ZIHU-3428) and 9 paratypes in HUM.

45. *Oligonychus tsudomei* Ehara, 1966 (Tetranychidae)

(Jpn N: Ryûkyû-tsumehadani)

Ehara 1966c, p. 11, figs. 14–21. Type loc.: Haneji, Okinawa

Pref., JAPAN. Type hab.: *Pinus luchuensis* Mayr. (Jpn N: Ryûkyû-matsu. Pinaceae).

Holotype (ZIHU-3429) and 8 paratypes in HUM.

46. *Oligonychus uruma* Ehara, 1966 (Tetranychidae)

(Jpn N: Uruma-tsumehadani)

Ehara 1966c, p. 15, figs. 31–39. Type loc.: Tomigusuku, Okinawa Pref., JAPAN. Type hab.: bamboo (Jpn N: Take-ka. Bambusaceae).

Holotype (ZIHU-3430) and 6 paratypes in HUM.

47. *Typhlodromus (Anthoseius) miyarai* Ehara, 1967

(Phytoseiidae)

(Jpn N: Himeyuri-kaburidani)

Ehara 1967a, p. 68, figs. 1–6. Type loc.: Haneji, Okinawa Pref., JAPAN. Type hab.: *Pinus luchuensis* Mayr. (Jpn N: Ryûkyû-matsu. Pinaceae).

Holotype (ZIHU-3431) and 15 paratypes in HUM.

48. *Typhlodromus (Anthoseius) ryukyensis* Ehara, 1967

(Phytoseiidae)

(Jpn N: Ryûkyû-kaburidani)

Ehara 1967a, p. 69, figs. 7–11. Type loc.: Nakijin, Okinawa Pref., JAPAN. Type hab.: citrus (Rutaceae).

Holotype (ZIHU-3432) and 3 paratypes in HUM.

49. *Amblyseius (Amblyseius) okinawanus* Ehara, 1967

(Phytoseiidae)

Current N: *Scapulaseius okinawanus* (Ehara, 1967)

(Jpn N: Okinawa-kaburidani)

Ehara 1967a, p. 72, figs. 17–24. Type loc.: Tomigusuku, Okinawa Pref., JAPAN. Type hab.: *Verbena officinalis* L. (Jpn N: Kumatsuzura. Verbenaceae).

Holotype (ZIHU-3433) and 12 paratypes in HUM.

50. *Amblyseius (Paraphytoseius) urumanus* Ehara, 1967

(Phytoseiidae)

Current N: *Paraphytoseius urumanus* (Ehara, 1967)

(Jpn N: Uruma-kaburidani)

Ehara 1967a, p. 76, figs. 31–35. Type loc.: Tomigusuku, Okinawa Pref., JAPAN. Type hab.: *Ficus erecta* Thunb. (Jpn N: Inubiwa. Moraceae).

Holotype (ZIHU-3434) and 1 paratype in HUM.

51. *Okiseius subtropicus* Ehara, 1967 (Phytoseiidae)

(Jpn N: Shimamori-kaburidani)

Ehara 1967a, p. 77, figs. 36–39. Type loc.: Itoman, Okinawa Pref., JAPAN. Type hab.: *Hibiscus tiliaceus* L. (Jpn N: Ôhamabô or Yama-asa. Malvaceae).
Holotype (ZIHU-3435) in HUM.
Notes. Type species of *Okiseius*.

52. *Phytoseius (Pennaseius) ikeharai* Ehara, 1967
(Phytoseiidae)

Current N: ***Phytoseius (Euryseius) ikeharai* Ehara, 1967**
(Jpn N: Shurei-kaburidani)

Ehara 1967a, p. 78, figs. 40–43. Type loc.: Tomigusuku, Okinawa Pref., JAPAN. Type hab.: *Ficus erecta* Thunb. (Jpn N: Inubiwa. Moraceae).
Holotype (ZIHU-3436) in HUM.

53. *Exothorhis okinawana* Ehara, 1967 (Eupalopsellidae)
(Jpn N: Okinawa-tsutsudani)

Ehara 1967b, p. 322, figs. 1–2. Type loc.: Nakijin, Okinawa Pref., JAPAN. Type hab.: citrus (Rutaceae).
Holotype (ZIHU-3437) and 1 paratype in HUM.

54. *Agistemus citrinus* Ehara, 1967 (Stigmaeidae)
(Jpn N: Usu-nagahishidani)

Ehara 1967b, p. 323, figs. 3–6, 8. Type loc.: Itoman, Okinawa Pref., JAPAN. Type hab.: *Hibiscus tiliaceus* L. (Jpn N: Ôhamabô or Yama-asa. Malvaceae).
Holotype (ZIHU-3438) and 9 paratypes in HUM.

55. *Typhlodromus (Anthoseius) borealis* Ehara, 1967
(Phytoseiidae)

(Jpn N: Kitami-kaburidani)

Ehara 1967c, p. 213, figs. 1–7. Type loc.: Hamakoshimizu, Prov. Abashiri, Hokkaido, JAPAN. Type hab.: a gall of *Rosa rugosa* Thunb. (Jpn N: Hamanasu. Rosaceae).
Holotype (ZIHU-3439) in HUM.

56. *Amblyseius (Amblyseius) haimatus* Ehara, 1967
(Phytoseiidae)

Current N: ***Neoseiulus haimatus* (Ehara, 1967)**
(Jpn N: Miyama-kaburidani)

Ehara 1967c, p. 214, figs. 8–12. Type loc.: Mt. Muine, Hokkaido, JAPAN. Type hab.: *Pinus pumila* Rgl. (Jpn N: Haimatsu. Pinaceae).
Holotype (ZIHU-3440) and 3 paratypes in HUM.

57. *Amblyseius (Amblyseius) paraki* Ehara, 1967

(Phytoseiidae)

Current N: ***Typhlodromips paraki* (Ehara, 1967)**
(Jpn N: Paraki-kaburidani)

Ehara 1967c, p. 216, figs. 16–20. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: apple (Jpn N: Ringo. Rosaceae).

Holotype (ZIHU-3441) in HUM.

58. *Amblyseius (Amblyseius) ainu* Ehara, 1967
(Phytoseiidae)

Current N: ***Typhlodromips ainu* (Ehara, 1967)**
(Jpn N: Ainu-kaburidani)

Ehara 1967c, p. 218, figs. 21–27. Type loc.: Mombetsu, Prov. Hidaka, Hokkaido, JAPAN. Type hab.: *Cirsium kamtschaticum* Ledeb. (Jpn N: Chishima-azami. Asteraceae).
Holotype (ZIHU-3442) and 5 paratypes in HUM.

59. *Amblyseius (Amblyseius) morii* Ehara, 1967
(Phytoseiidae)

Current N: ***Transeius morii* (Ehara, 1967)**
(Jpn N: Sarobetsu-kaburidani)

Ehara 1967c, p. 219, figs. 28–34. Type loc.: Toyotomi, Sarobetsu wasteland, Prov. Sôya, Hokkaido, JAPAN. Type hab.: *Salix hultenii* Floderus var. *angustifolia* Kitamura (Jpn N: Ezo-no-bakkoyanagi. Salicaceae).
Holotype (ZIHU-3443) and 3 paratypes in HUM.

60. *Amblyseius (Amblyseius) firmus* Ehara, 1967
(Phytoseiidae)

Current N: ***Amblyseius (s. str.) firmus* Ehara, 1967**
(Jpn N: Oni-kaburidani)

Ehara 1967c, p. 222, figs. 40–44. Type loc.: Mombetsu, Prov. Hidaka, Hokkaido, JAPAN. Type hab.: *Magnolia kobus* DC. var. *borealis* Sarg. (Jpn N: Kobushi. Magnoliaceae).
Holotype (ZIHU-3444) and 1 paratype in HUM.

61. *Amblyseius (Amblyseius) ezoensis* Ehara, 1967
(Phytoseiidae)

Current N: ***Amblyseius (s. str.) ezoensis* Ehara, 1967**
(Jpn N: Ezo-kaburidani)

Ehara 1967c, p. 223, figs. 45–49. Type loc.: Mt. Moiwa, Sapporo, Hokkaido, JAPAN. Type hab.: *Heracleum dulce* Fisch. (Jpn N: Ô-hanaudo. Umbelliferae).
Holotype (ZIHU-3445) and 1 paratype in HUM.

62. *Amblyseius (Kampimodromus) maritimus* Ehara, 1967

(Phytoseiidae)

Current N: ***Okiseius maritimus* (Ehara, 1967)**

(Jpn N: Hamanasu-kaburidani)

Ehara 1967c, p. 224, figs. 50–57. Type loc.: Hamakoshimizu, Prov. Abashiri, Hokkaido, JAPAN. Type hab.: *Rosa rugosa* Thunb. (Jpn N: Hamanasu. Rosaceae).

Holotype (ZIHU-3446) and 13 paratypes in HUM.

63. *Phytoseius* (*Phytoseius*) *kishii* Ehara, 1967 (Phytoseiidae)Current N: ***Phytoseius* (*Dubininellus*) *kishii* Ehara, 1967**

(Jpn N: Hokkai-kaburidani)

Ehara 1967c, p. 228, figs. 64–67. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: *Vitis coignetiae* Pulliat. (Jpn N: Yamabudô. Vitaceae).

Holotype (ZIHU-3447) and 1 paratype in HUM.

64. *Phytoseius* (*Phytoseius*) *campestris* Ehara, 1967

(Phytoseiidae)

Current N: ***Phytoseius* (*Dubininellus*) *campestris* Ehara, 1967**

(Jpn N: Sôya-kaburidani)

Ehara 1967c, p. 229, figs. 68–71. Type loc.: Toyotomi, Sarobetsu wasteland, Prov. Sôya, Hokkaido, JAPAN. Type hab.: *Kalopanax pictus* (Thunb.) (Jpn N: Harigiri. Araliaceae).

Holotype (ZIHU-3448) in HUM.

65. *Bryobia japonica* Ehara & Yamada, 1968 (Tetranychidae)Current N: ***Pseudobryobia japonica* (Ehara & Yamada, 1968)**

(Jpn N: Maru-birahadani)

Ehara & Yamada 1968, p. 66, figs. 1–10. Type loc.: Kuroishi, Aomori Pref., Honshu, JAPAN. Type hab.: wild rose (Rosaceae).

Holotype (NSMT Ac-13036) and 1 paratype (Ac-1303637) in NSMT.

66. ***Tetranychopsis borealis* Ehara & Mori, 1969**

(Tetranychidae)

(Jpn N: Oni-hadani)

Ehara & Mori 1969, p. 45, figs. 1–7. Type loc.: Toyotomi, Sarobetsu peatland, Prov. Sôya, Hokkaido, JAPAN. Type hab.: *Rubus chamaemorus* Linnaeus (Jpn N: Horomui-ichigo. Rosaceae).

Holotype (Ac-13038) and 1 paratype (Ac-13039) in NSMT.

67. ***Eotetranychus boreus* Ehara, 1969** (Tetranychidae)

(Jpn N: Anzu-akehadani)

Ehara 1969a, p. 16, figs. 1–17. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: apricot, *Prunus armeniaca* (Jpn N: Anzu. Rosaceae).

Holotype (Ac-13040: male) and 9 paratypes (Ac-13041 to 13049: 6 males and 3 females) in NSMT; 9 paratypes (4 males and 6 females from Botanical Garden, Hokkaido Univ., Sapporo, on Anzu, *P. armeniaca*; 4 males from the same locality, on Sumomo, *P. salicina*) in HUM; 9 paratypes (1 male and 14 females from the Botanical Garden, Hokkaido Univ, on *P. salicina*; 4 males and 13 females from Hirosaki, Aomori Pref., Honshu, on *P. armeniaca*) in TRPM.

68. ***Eotetranychus geniculatus* Ehara, 1969** (Tetranychidae)

(Jpn N: Michinoku-akehadani)

Ehara 1969a, p. 19, figs. 30–42. Type loc.: Morioka, Iwate Pref., Honshu, JAPAN. Type hab.: strawberry (Rosaceae).

Holotype (Ac-13050: male) and 6 paratypes (Ac-13051 to 13056: 3 males and 6 females from Morioka; 2 males from Sagae, Yamagata Pref., Honshu) in NSMT; 5 paratypes (1 male and 11 female from Morioka, on strawberry; 2 males from Sagae, Yamagata Pref., on grape, *Vitis vinifera*) in HUM; 5 paratypes (1 male and 7 females from the type locality, on strawberry; 2 males and 5 females from Sagae, Yamagata Pref., on *V. vinifera*) in TRPM.

69. ***Oligonychus kadarsani* Ehara, 1969** (Tetranychidae)

Ehara 1969b, p. 21, figs. 4–6, 15–16. Type loc.: Pasuruan, Java, INDONESIA. Type hab.: sugar cane (Poaceae).

Holotype (Ac-13057: male) and 5 paratypes (Ac-13058 to 13062: 4 males and 7 females) in NSMT; 5 paratypes (4 males and 7 females) in HUM; 3 paratypes (2 males and 8 females) in TRPM.

70. ***Tetranychus taiwanicus* Ehara, 1969** (Tetranychidae)

Ehara 1969c, p. 95, figs. 42–47, 60–62. Type loc.: Fengshan, TAIWAN. Type hab.: *Pandanus odoratissimus* L. (Pandanaeae).

Holotype (Ac-13063: male) and 3 paratypes (Ac-13064 to 13066: 1 male and 3 females) in NSMT; 2 paratypes (1 male and 2 females) in HUM; 1 paratype (1 male) in TRPM.

71. *Amblyseius* (*Amblyseius*) *taiwanicus* Ehara, 1970

(Phytoseiidae)

Current N: ***Neoseiulus taiwanicus* (Ehara, 1970)**

Ehara 1970a, p. 56, figs. 1–8. Type loc.: Fengshan, TAIWAN. Type hab.: pineapple (Ananaceae).

Holotype (Ac-13067: female) and 1 paratype (Ac-13068: male) in NSMT; 1 paratype (2 males and 1 female) in HUM; 1 paratype (1 female) in TRPM.

72. *Iphiseius formosanus* Ehara, 1970 (Phytoseiidae)

Current N: ***Paraamblyseius formosanus* (Ehara, 1970)**

Ehara 1970a, p. 59, figs. 9–18. Type loc.: Kenting, TAIWAN. Type hab.: *Calamus margaritae* Hance (Arecaceae).

Holotype (Ac-13069: female) in NSMT; 4 paratypes (1 allotype male and 3 females) in HUM; 2 paratypes (8 females) in TRPM.

73. *Phytoseius (Phytoseius) huangi* Ehara, 1970
(Phytoseiidae)

Current N: ***Phytoseius hawaiiensis* Prasad, 1968**

(Jpn N: Hire-kaburidani)

Ehara 1970a, p. 62, figs. 19–22. Type loc.: Fengshan, TAIWAN. Type hab.: *Pithecolobium dulce* Benth (Fabaceae). Holotype (Ac-13070) in NSMT.

74. *Oligonychus rubicundus* Ehara, 1971 (Tetranychidae)
(Jpn N: Susuki-tsumehadani)

Ehara 1971a, p. 7, figs. 1–8, 11–14. Type loc.: Hirosaki, Aomori Pref., Honshu, JAPAN. Type hab.: *Miscanthus sinensis* Anderss. (Jpn N: Susuki. Poaceae).

Holotype (Ac-13071: male) and 3 paratypes (Ac-13072 to 13074: 2 males and 4 females) in NSMT; 10 paratypes (8 males and 9 females) in HUM; 6 paratypes (4 males and 9 females) in TRPM.

75. *Typhlodromus (Anthoseius) chinensis* Ehara & Lee, 1971 (Phytoseiidae)

Ehara & Lee 1971, p. 62, figs. 1–7. Type loc.: Shek O, Hong Kong Island, CHINA. Type hab.: *Bauhinia* sp. (Fabaceae).

Holotype (Ac-13075: female) and 1 paratype (Ac-13076: female) in NSMT; 1 paratype (2 females) in HUM; 1 paratype (1 female) in TRPM.

76. *Amblyseius (Amblyseius) siaki* Ehara & Lee, 1971
(Phytoseiidae)

Current N: ***Typhlodromips asiaticus* (Evans, 1953)**

Ehara & Lee 1971, p. 64, figs. 9–12. Type loc.: Shek Kiu Tau, N. T., Hongkong, CHINA. Type hab.: wild chrysanthemum (Asteraceae).

Holotype (Ac-13077) in NSMT.

77. *Amblyseius (Amblyseius) nicholsi* Ehara & Lee, 1971
(Phytoseiidae)

Current N: ***Euseius nicholsi* (Ehara & Lee, 1971)**

Ehara & Lee 1971, p. 67, figs. 21–25. Type loc.: Chai Wan, Hong Kong Island, CHINA. Type hab.: a grass.

Holotype (Ac-13078) in NSMT.

78. *Typhlodromus (Anthoseius) kiso* Ehara, 1972
(Phytoseiidae)

(Jpn N: Kiso-kaburidani)

Ehara 1972a, p. 138, figs. 1–10. Type loc.: Mt. Ontake, Kiso, Nagano Pref., Honshu, JAPAN. Type hab.: *Abies mariesii* Masters. (Jpn N: Aomori-todomatsu. Pinaceae).

Holotype (Ac-13079: female) and 5 paratypes (Ac-13080 to 13084: 2 males and 4 females) in NSMT; 2 paratypes (1 male on Dakekanba, *Betula ermanii*, Betulaceae, and 3 females on *A. mariesii*) in HUM; 2 paratypes (1 male and 1 female on *A. mariesii*) in TRPM.

79. *Typhlodromus (Anthoseius) hirashimai* Ehara, 1972
(Phytoseiidae)

(Jpn N: Hirashima-kaburidani)

Ehara 1972a, p. 140, figs. 11–18. Type loc.: Mt. Ontake, Kiso, Nagano Pref., Honshu, JAPAN. Type hab.: *Abies mariesii* Masters (Jpn N: Aomori-todomatsu. Pinaceae).

Holotype (Ac-13085: female) and 5 paratypes (Ac-13086 to 13090: 1 male and 5 females) in NSMT; 2 paratypes (2 females) in HUM; 1 paratype (1 female on *Abies veitchii*) in TRPM.

80. *Typhlodromus (Anthoseius) serrulatus* Ehara, 1972
(Phytoseiidae)

(Jpn N: Fushi-kaburidani)

Ehara 1972a, p. 142, figs. 19–24. Type loc.: Shiroyama, Tokushima City, Tokushima Pref., Shikoku, JAPAN. Type hab.: *Zelkova serrata* (Thunb.) Makino (Jpn N: Keyaki. Ulmaceae).

Holotype (Ac-13091: female) and 3 paratypes (Ac-13092 to 13094: 2 females on *Z. serrata* and 1 female on *Juglans mandshurica*, Juglandaceae) in NSMT; 3 paratypes (2 females from the type locality; 1 female from the Botanical Garden, Hokkaido Univ., Sapporo, Hokkaido, on *Onigurumi*, *J. mandshurica*) in HUM; 1 paratype (1 female from the type locality on *Z. serrata*) in TRPM.

81. *Typhlodromus (Anthoseius) yamashitai* Ehara, 1972
(Phytoseiidae)
(Jpn N: Yamashita-kaburidani)
Ehara 1972a, p. 143, figs. 25–30. Type loc.: Mt. Ontake, Kiso, Nagano Pref., Honshu, JAPAN. Type hab.: *Betula ermani* Cham. (Jpn N: Dake-kanba. Betulaceae).
Holotype (Ac-13095: female) and 3 paratypes (Ac-13096 to 13098: 3 females) in NSMT; 2 paratypes (2 females) in HUM; 1 paratype (1 female) in TRPM.
82. *Typhlodromus (Anthoseius) ternatus* Ehara, 1972
(Phytoseiidae)
(Jpn N: Usuge-kaburidani)
Ehara 1972a, p. 145, figs. 31–35. Type loc.: Mt. Ontake, Kiso, Nagano Pref., Honshu, JAPAN. Type hab.: *Abies veitchii* Lindl. (Jpn N: Shirabe or Shirabiso. Pinaceae).
Holotype (Ac-13099) in NSMT.
83. *Amblyseius (Amblyseius) inabanus* Ehara, 1972
(Phytoseiidae)
Current N: *Neoseiulus inabanus* (Ehara, 1972)
(Jpn N: Inaba-kaburidani)
Ehara 1972a, p. 146, figs. 36–41. Type loc.: Koyama, Tottori City, Tottori Pref., Honshu, JAPAN. Type hab.: *Phragmites communis* Trin. (Jpn N: Yoshi. Poaceae).
Holotype (Ac-13100: female) and 1 paratype (Ac-131001: female) in NSMT; 1 paratype (1 female) in TRPM.
84. *Amblyseius (Amblyseius) yanoi* Ehara, 1972
(Phytoseiidae)
Current N: *Neoseiulus yanoi* (Ehara, 1972)
(Jpn N: Yano-kaburidani)
Ehara 1972a, p. 151, figs. 54–62. Type loc.: Mt. Ontake, Kiso, Nagano Pref., Honshu, JAPAN. Type hab.: *Abies veitchii* Lindl. (Jpn N: Shirabe or Shirabiso. Pinaceae).
Holotype (Ac-13102: female) and 5 paratypes (Ac-13103 to 13107: 1 male and 4 females on *A. veitchii*; 2 females on *Picea jezoensis*) in NSMT; 2 paratypes (3 females on *A. veitchii*; 2 females on *Abies mariesii*) in HUM; 2 paratypes (3 females on *A. veitchii*) in TRPM.
85. *Amblyseius (Amblyseius) neoparaki* Ehara, 1972
(Phytoseiidae)
Current N: *Typhlodromips neoparaki* (Ehara, 1972)
(Jpn N: Sasa-kaburidani)
Ehara 1972a, p. 153, figs. 63–69. Type loc.: Shiga Heights,
- Nagano Pref., Honshu, JAPAN. Type hab.: *Sasa kurilensis* (Rupr.) Makino & Shibata (Jpn N: Chishima-zasa. Bambusaceae).
Holotype (Ac-13108: female) and 1 paratype (Ac-13109: male) in NSMT.
86. *Amblyseius (Amblyseius) makuwa* Ehara, 1972
(Phytoseiidae)
Current N: *Neoseiulus makuwa* (Ehara, 1972)
(Jpn N: Makura-kaburidani)
Ehara 1972a, p. 154, figs. 70–74. Type loc.: Kita-usa, Usa, Oita Pref., Kyushu, JAPAN. Type hab.: *Cucumis melo* L. var. *makuwa* Makino (Jpn N: Makuwa-uri. Cucurbitaceae).
Holotype (Ac-13010) in NSMT.
87. *Amblyseius (Amblyseius) ishikawai* Ehara, 1972
(Phytoseiidae)
Current N: *Typhlodromips ishikawai* (Ehara, 1972)
(Jpn N: Ishikawa-kaburidani)
Ehara 1972a, p. 158, figs. 83–91. Type loc.: Mt. Ontake, Kiso, Nagano Pref., Honshu, JAPAN. Type hab.: *Alnus maximowiczii* Callier. (Jpn N: Miyama-han-no-ki. Betulaceae).
Holotype (Ac-13111: female) and 5 paratypes (Ac-13112 to 13116: 1 male and 17 females) in NSMT; 5 paratypes (4 males and 7 females) in HUM; 5 paratypes (1 male and 7 females) in TRPM.
88. *Amblyseius (Amblyseius) shiganus* Ehara, 1972
(Phytoseiidae)
Current N: *Amblyseius (s. str.) shiganus* Ehara, 1972
(Jpn N: Shiga-kaburidani)
Ehara 1972a, p. 160, figs. 92–96. Type loc.: Shiga Heights, Nagano Pref., Honshu, JAPAN. Type hab.: *Sasa kurilensis* (Rupr.) Makino & Shibata (Jpn N: Chishima-zasa. Bambusaceae).
Holotype (Ac-13117) and 1 paratype (Ac-13118) in NSMT.
89. *Amblyseius (Amblyseius) ishizuchiensis* Ehara, 1972
(Phytoseiidae)
Current N: *Amblyseius (s. str.) ishizuchiensis* Ehara, 1972
(Jpn N: Ishizuchi-kaburidani)
Ehara 1972a, p. 162, figs. 97–102. Type loc.: Mt. Kamegamori, Ehime Pref., Shikoku, JAPAN. Type hab.: litter.
Holotype (Ac-13019) in NSMT.

90. *Amblyseius (Amblyseius) hinoki* Ehara, 1972
(Phytoseiidae)

Current N: *Neoseiulus hinoki* (Ehara, 1972)
(Jpn N: Hinoki-kaburidani)

Ehara 1972a, p. 165, figs. 111–115. Type loc.: Mt. Ontake, Kiso, Nagano Pref., Honshu, JAPAN. Type hab.: *Chamaecyparis obtusa* (Sieb. & Zucc.) Endl. (Jpn N: Hinoki. Cupressaceae).
Holotype (Ac-13120) and 1 paratype (Ac-13121) in NSMT.

91. *Schizotetranychus leguminosus* Ehara, 1973
(Tetranychidae)

Current N: *Schizotetranychus lespedezae* Begljarov & Mitrofanov, 1973
(Jpn N: Saya-matahadani)

Ehara 1973a, p. 224, figs. 1–12. Type loc.: Ishikari, Hokkaido, JAPAN. Type hab.: *Maackia amurensis* Rupr. & Maxim. var. *buengeri* (Maxim.) C. K. Schn. (Jpn N: Inu-enju. Fabaceae).
Holotype (Ac-13122: male) and 20 paratypes (Ac-13123 to 13134, 6 males and 17 females from Ishikari on *M. amurensis*; Ac-13135, 1 male from Toyohira, Sapporo, on Enju, *Sophora japonica*; Ac-13136 to 13140, 5 males from Ochiai Spa, Kuroishi, Aomori Pref., on Kuzu, *Pueraria lobata*; Ac-13141 to 13142, 14 females from Mt. Iwaya, Nagasaki Pref., on *P. lobata*) in NSMT; 15 paratypes (2 males from Ishikari, Sapporo, on *M. amurensis*; 1 male and 8 females from Toyohira, Sapporo, on *S. japonica*; 7 males and 6 females from Ochiai Spa, Kuroishi, on *P. lobata*; 2 males from Mt. Iwaya, Nagasaki, on *P. lobata*) in HUM, 8 paratypes (1 male and 10 females from the type locality, *M. amurensis*; 2 males and 5 females from Ochiai Spa, Kuroishi, on *P. lobata*; 3 males from Mt. Iwaya, Nagasaki, on *P. lobata*) in TRPM.

92. *Schizotetranychus cercidiphylli* Ehara, 1973
(Tetranychidae)

(Jpn N: Katsura-matahadani)

Ehara 1973a, p. 227, figs. 13–24. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: *Cercidiphyllum japonicum* Sieb. & Zucc. (Jpn N: Katsura. Cercidiphyllaceae).
Holotype (Ac-13143, male) and 20 paratypes (Ac-13144 to 13159, 13 males and 9 females from Sapporo; Ac-0360 to 13163, 4 males from Kuroishi, Aomori Pref.) in NSMT; 5 paratypes (3 males and 6 females) in HUM; 2 paratypes (1 male and 4 females from Ochiai Spa, Kuroishi City) in

TRPM.

93. *Aponychus siamensis* Ehara & Wongsiri, 1975
(Tetranychidae)

Ehara & Wongsiri 1975, p. 151, fig. 1. Type loc.: Mt. Doi Chiang Dao, THAILAND. Type hab.: bamboo (Jpn N: Take-ka. Bambusaceae).
Holotype (Ac-13064, female mounted with 3 female paratypes) in NSMT.

94. *Aponychus nakaoui* Ehara & Wongsiri, 1975
(Tetranychidae)

Current N: *Sinotetranychus nakaoui* (Ehara & Wongsiri, 1975)

Ehara & Wongsiri 1975, p. 153, fig. 2. Type loc.: Ban Kad near Chiang Mai, THAILAND. Type hab.: bamboo (Bambusaceae).
Holotype (Ac-13165, female mounted with 2 female paratypes) and 1 paratype (Ac-13166, 1 female) in NSMT.

95. *Eotetranychus suvipakiti* Ehara & Wongsiri, 1975
(Tetranychidae)

Ehara & Wongsiri 1975, p. 156, figs. 9–18. Type loc.: Chiang Dao, THAILAND. Type hab.: banana (Musaceae).
Holotype (Ac-13167, male) and 15 paratypes (Ac-13168 to 13182, 9 males, 31 females, and 1 nymph) in NSMT; 5 paratypes (2 males and 12 females) in HUM; and 3 paratypes (2 males and 5 females) in TRPM.

96. *Eotetranychus thailandicus* Ehara & Wongsiri, 1975
(Tetranychidae)

Ehara & Wongsiri 1975, p. 158, figs. 19–27. Type Loc.: Fang, THAILAND. Type hab.: *Ficus* sp. (Moraceae).
Holotype (Ac-13183, male) and 2 paratypes (Ac-13184 to 13185, 8 females) in NSMT; 1 paratype (1 male) in HUM; and 1 paratype (5 females) in TRPM.

97. *Schizotetranychus vermiculatus* Ehara & Wongsiri, 1975 (Tetranychidae)

Ehara & Wongsiri 1975, p. 162, figs. 32–37. Type loc.: Prew, THAILAND. Type hab.: grass.
Holotype (Ac-13186, female) and 3 paratypes (Ac-13187 to 13189, 9 females) in NSMT; 2 paratypes (4 females) in HUM; and 1 paratype (4 females) in TRPM.

98. *Schizotetranychus yoshimekii* Ehara & Wongsiri, 1975

(Tetranychidae)

Ehara & Wongsiri 1975, p. 167, figs. 54–64. Type loc.: Bangkok, THAILAND. Type hab.: rice (Poaceae).

Holotype (Ac-13190, male) and 2 paratypes (Ac-13191 to 13192, 1 male and 10 females) in NSMT; 1 paratype (1 male) in HUM; and 1 paratype (1 female) in TRPM.

99. *Schizotetranychus bhandhufalcki* Ehara & Wongsiri, 1975 (Tetranychidae)

Ehara & Wongsiri 1975, p. 170, figs. 65–75. Type loc.: Klong Luang, THAILAND. Type hab.: a leguminous tree (Fagaceae).

Holotype (Ac-13193, male) and 3 paratypes (Ac-13194 to 13196, 2 males and 6 females) in NSMT; 1 paratype (1 male) in HUM; and 1 paratype (5 females) in TRPM.

100. *Schizotetranychus chiangmaiensis* Ehara & Wongsiri, 1975 (Tetranychidae)

Ehara & Wongsiri 1975, p. 172, figs. 76–85. Type loc.: Chiang Mai, THAILAND. Type hab.: *Calotropis gigantea* R. Br. (Asclepiadaceae).

Holotype (Ac-13197, male) and 1 paratype (Ac-13198, 7 females) in NSMT; 1 paratype (1 male) in HUM; and 1 paratype (1 male) in TRPM.

101. *Oligonychus yasumatsui* Ehara & Wongsiri, 1975 (Tetranychidae)

Ehara & Wongsiri 1975, p. 174, figs. 86–93. Type loc.: Chiang Mai, THAILAND. Type hab.: *Pinus kesiya* Gard. (Pinaceae).

Holotype (Ac-13199, male) and 6 paratypes (Ac-13200 to 13205, 2 males and 32 females) in NSMT; 5 paratypes (4 males and 7 females) in HUM; and 5 paratypes (3 males and 13 females) in TRPM.

102. *Tuckerella japonica* Ehara, 1975 (Tuckerellidae)
(Jpn N: Awa-kenagahadani)

Ehara 1975c, p. 4, fig. 1. Type loc.: Shiroyama, Tokushima City, Tokushima Pref., Shikoku, JAPAN. Type hab.: *Aphananthe aspera* (Thunb.) Planch. (Jpn N: Mukunoki. Ulmaceae).

Holotype (Ac-13206, male) and 1 paratype (Ac-13207, female) in NSMT.

103. *Typhlodromus (Anthoseius) thailandicus* Ehara & Bhandhufalck, 1977 (Phytoseiidae)

Ehara & Bhandhufalck 1977, p. 44, figs. 1–5. Type loc.: Fang, THAILAND. Type hab.: persimmon (Ebenaceae).

Holotype (Ac-13208, female mounted with 1 female paratype) and 1 paratype (Ac-13209, 1 female) in NSMT; 1 paratype (1 female) in HUM; and 1 paratype (2 females) in TRPM.

104. *Phytoseius (Phytoseius) neoferox* Ehara & Bhandhufalck, 1977 (Phytoseiidae)

Ehara & Bhandhufalck 1977, p. 49, figs. 22–25. Type loc.: Fang, THAILAND. Type hab.: persimmon (Ebenaceae).

Holotype (Ac-13210) in NSMT.

105. *Amblyseius (Amblyseius) aizawai* Ehara & Bhandhufalck, 1977 (Phytoseiidae)

Current N: *Euseius aizawai* (Ehara & Bhandhufalck, 1977)

Ehara & Bhandhufalck 1977, p. 59, figs. 56–62. Type loc.: Chiang Dao, THAILAND. Type hab.: papaya (Caricaceae).

Holotype (Ac-13211, female mounted with 1 female paratype) and 1 paratype (Ac-13212, 2 females) in NSMT; and 1 paratype (1 male and 1 female) in HUM.

106. *Amblyseius (Amblyseius) okumae* Ehara & Bhandhufalck, 1977 (Phytoseiidae)

Current N: *Euseius okumae* (Ehara & Bhandhufalck, 1977)

Ehara & Bhandhufalck 1977, p. 61, figs. 63–69. Type loc.: Doi Chiang Dao, THAILAND. Type hab.: tea (Theaceae).

Holotype (Ac-13213, female) and 3 paratypes (Ac-13214 to 13216, 1 male and 4 females) in NSMT; 2 paratypes (2 females) in HUM; and 1 paratype (2 females) in TRPM.

107. *Amblyseius (Amblyseius) siamensis* Ehara & Bhandhufalck, 1977 (Phytoseiidae)

Current N: *Typhlodromips siamensis* (Ehara & Bhandhufalck, 1977)

Ehara & Bhandhufalck 1977, p. 63, figs. 70–76. Type loc.: Prew, THAILAND. Type hab.: citrus (Rutaceae).

Holotype (Ac-13217, female) and 2 paratypes (Ac-13218 to 13219, 2 females) in NSMT; 1 paratype (1 female) in HUM; and 1 paratype (1 female) in TRPM.

108. *Amblyseius (Amblyseius) anuwati* Ehara & Bhandhufalck, 1977 (Phytoseiidae)

Current N: *Typhlodromips anuwati* (Ehara &

Bhandhufalck, 1977)

Ehara & Bhandhufalck 1977, p. 63, figs. 77–83. Type loc.: Prew, THAILAND. Type hab.: coffee (Rubiaceae). Holotype (Ac-13220, female mounted with 1 female paratype) in NSMT.

109. *Amblyseius (Amblyseius) hidakai* Ehara & Bhandhufalck, 1977 (Phytoseiidae)

Current N: ***Typhlodromips hidakai* (Ehara & Bhandhufalck, 1977)**

Ehara & Bhandhufalck 1977, p. 66, figs. 84–88. Type loc.: Fang, THAILAND. Type hab.: undetermined tree. Holotype (Ac-13221, female) and 1 paratype (Ac-13222, 1 male) in NSMT; and 1 paratype (1 female) in HUM.

110. *Amblyseius (Phytoscutella) wongsirii* Ehara & Bhandhufalck, 1977 (Phytoseiidae)

Current N: ***Phytoscutus wongsirii* (Ehara & Bhandhufalck, 1977)**

Ehara & Bhandhufalck 1977, p. 75, figs. 119–124. Type loc.: Prew, THAILAND. Type hab.: citrus (Rutaceae). Holotype (Ac-13223, female mounted with 1 female paratype) in NSMT.

111. *Amblyseius (Amblyseius) koyamanus* Ehara & Yokogawa, 1977 (Phytoseiidae)

Current N: ***Neoseiulus koyamanus* (Ehara & Yokogawa, 1977)**

(Jpn N: Koyama-kaburidani)

Ehara & Yokogawa 1977, p. 50, figs. 1–8. Type loc.: Koyama, Tottori City, Tottori Pref., Honshu, JAPAN. Type hab.: *Digitaria violascens* (Jpn N: Aki-mehishiba. Poaceae). Holotype (Ac-13224, female) and 3 paratypes (Ac-13225, 1 female on *D. violascens* Ac-13226 to 13227, 2 females on *Zoysia* sp.) in NSMT; 1 paratype (1 female on *Zoysia* sp.) in HUM; and 1 paratype (1 female on *D. violascens*) in TRPM.

112. *Amblyseius (Amblyseius) ochii* Ehara & Yokogawa, 1977 (Phytoseiidae)

Current N: ***Typhlodromips ochii* (Ehara & Yokogawa, 1977)**

(Jpn N: Ochi-kaburidani)

Ehara & Yokogawa 1977, p. 54, figs. 17–24. Type loc.: Mt. Kyûshô-zan, Tottori City, Tottori Pref., Honshu, JAPAN. Type hab.: bamboo (Jpn N: Take-ka sp. Bambusaceae). Holotype (Ac-13228, female) and 5 paratypes (Ac-13229 to

13230, 2 female from Mt. Kyûshô-zan; Ac 13231 to 13233, 4 females from Kawabara-cho, Tottori City) in NSMT; 3 paratypes (3 females from the type locality; 1 female from Wanami, Kawabara, Tottori City, on Yadake, *Pseudosasa japonica*) in HUM; and 1 paratype (1 female from the type locality on *Sasa* sp.) in TRPM.

113. *Typhlodromus (Anthoseius) takahashii* Ehara, 1978 (Phytoseiidae)

Current N: ***Thphlodromus (Anthoseius) bambusae* Ehara, 1964**

(Jpn N: Barato-kaburidani. Current Jpn N: Take-kaburidani) Ehara 1978a, p. 446, figs. 1–7. Type loc.: Barato, Sapporo, Hokkaido, JAPAN. Type hab.: *Sasa senanensis* (Franchet & Savatier) Rehder (Jpn N: Kumai-zasa. Bambusaceae).

Holotype (Ac-13234, female) and 2 paratypes (Ac-13235 to 13236, 6 females) in NSMT; 2 paratypes (2 females) in HUM; and 1 paratype (1 female) in TRPM.

114. *Phytoseius (Pennaseius) tenuiformis* Ehara, 1978 (Phytoseiidae)

Current N: ***Phytoseius (Phytoseius) tenuiformis* Ehara, 1978**

(Jpn N: Hoso-kaburidani)

Ehara 1978a, p. 448, figs. 8–15. Type loc.: Takaoka, Tomakomai, Hokkaido, JAPAN. Type hab.: *Sasa apoiensis* Nakai (Jpn N: Ezo-miyako-zasa. Bambusaceae).

Holotype (Ac-13237, female) and 10 paratypes (Ac-13238 to 13247, 3 males and 15 females) in NSMT; 5 paratypes (6 males, 2 females, and 2 slides unsexed) in HUM; and 5 paratypes (2 males and 4 females) in TRPM.

115. *Panonychus (Sasanychus) akitanus* Ehara, 1978 (Tetranychidae)

Current N: ***Sasanychus akitanus* (Ehara, 1978)**
(Jpn N: Midori-hadani)

Ehara 1978b, p. 88, figs. 1–11. Type loc.: Nishi-senboku, Akita Pref., Honshu, JAPAN. Type hab.: *Sasa* sp. (Bambusaceae).

Holotype (Ac-13248, male) and 10 paratypes (Ac-13249–13258, 5 males and 14 females) in NSMT; 10 paratypes (7 males and 9 females) in HUM; and 6 paratypes (4 males and 2 females) in TRPM.

Notes. “*Sasanychus*” was created as a subgenus of the genus *Panonychus* in this article designating this species as the type species. Later, the subgenus was elevated to the

generic level by Ehara and Gotoh (1987).

116. *Yezonychus sapporensis* Ehara, 1978 (Tetranychidae)

(Jpn N: Keusu-hadani)

Ehara 1978b, p. 90, figs. 12–23. Type loc.: Hokkaido Univ. Campus, Sapporo, Hokkaido, JAPAN. Type hab.: *Sasa senanensis* (Franchet & Savatier) Rehder (Jpn N: Kumai-zasa. Bambusaceae).

Holotype (Ac-13259, male) and 19 paratypes (Ac-13260 to 13274, 5 males and 16 females from Hokkaido Univ. Campus; Ac-13275 to 13278, 8 female from Kamonosawa, Tomakomai) in NSMT; 10 paratypes (2 males from the type locality; 2 males and 16 females from Kamonosawa, Tomakomai) in HUM; 10 paratypes (5 males and 13 females from the type locality) in TRPM.

Notes. This species was described under a new genus, *Yezonychus*.

117. *Typhlodromus (Paraseiulus) yokogawae* Ehara & Hamaoka, 1980 (Phytoseiidae)

Current N: *Kuzinellus yokogawae* (Ehara & Hamaoka, 1980)

(Jpn N: Kebuka-kaburidani)

Ehara & Hamaoka 1980, p. 3, figs. 1–7. Type loc.: Mt. Kyūshō-zan, Tottori City, Tottori Pref., Honshu, JAPAN. Type hab.: bamboo (Jpn N: Take-ka. Bambusaceae).

Holotype missing; 1 paratype (1 female from Entsuji, Tottori City, on *Mizosoba*, *Persicaria thunbergii*, Polygonaceae) in TRPM.

Notes. See “Notes” under “*Agistemus summersi*”.

118. *Eurytetranychus japonicus* Ehara, 1980 (Tetranychidae)

Current N: *Eurytetranychoides japonicus* (Ehara, 1980)

(Jpn N: Arakashi-hadani)

Ehara 1980a, p. 202, figs. 1–11. Type loc.: Mashiko, Tochigi Pref., Honshu, JAPAN. Type hab.: *Quercus glauca* Thunb. (Jpn N: Arakashi. Fagaceae).

Holotype (Ac-13279, female) and 5 paratypes (Ac-13280 to 13284, 2 males and 4 females) in NSMT; 3 paratypes (2 males and 1 female) in HUM; 1 paratype (1 male) in TRPM.

119. *Typhlodromus (Anthoseius) shibai* Ehara, 1981

(Phytoseiidae)

(Jpn N: Miso-kaburidani)

Ehara 1981, p. 235, figs. 1–9. Type loc.: Furukawa, Matsuyama, Ehime Pref., Shikoku, JAPAN. Type hab.: outer

surface of aging woody tank in a “miso” factory.

Holotype in BLMSC; 2 paratypes (2 females) in HUM.

120. *Amblyseius (Amblyseius) alpicola* Ehara, 1982

(Phytoseiidae)

Current N: *Typhlodromips alpicola* (Ehara, 1982)

(Jpn N: Takane-kaburidani)

Ehara 1982a, p. 40, figs. 1–9. Type loc.: Shiga Heights, Nagano Pref., Honshu, JAPAN. Type hab.: *Acer ukurunduense* Trautv. & Mey (Jpn: Ogara-bana or Hozaki-kaede. Aceraceae).

Holotype (Ac-13285, female) and 5 paratypes (Ac-13286 to 13288, 1 male and 2 females from Shiga Heights on *A. ukurunduense*; Ac-13289, 1 female from Shiga Heights on *Acer tschonoskii*; Ac-13290, 1 female from San-no-sawa, Mt. Daisen, Tottori Pref., on *Alnus pendula*, Betulaceae) in NSMT; 5 paratypes (2 females from the type locality; 3 females from San-no-sawa, Mt. Daisen, on *Alnus pendula*) in HUM; 3 paratypes (2 females from the type locality, on *Acer ukurunduense*; 1 female from the same locality, on Mine-kaede, *Acer tschonoskii*) in TRPM.

121. *Amblyseius (Indoseiulus) liturivorus* Ehara, 1982

(Phytoseiidae)

Current N: *Gynaeseius liturivorus* (Ehara, 1982)

(Jpn N: Kii-kaburidani)

Ehara 1982a, p. 43, figs. 10–18. Type loc.: Kishigawa (Spelled as “Kisigawa” in the original description. Kishigawa is a town in Kinokawa City (formerly Naka-gun), Wakayama Pref., Honshu, JAPAN. Type hab.: Soy bean (Jpn N: Daizu. Fabaceae).

Holotype (Ac-13291, female mounted with 1 female paratype) and 10 paratypes (Ac-13292 to 13301, 10 females) in NSMT; 3 paratypes (3 females) in HUM; 3 paratypes (3 females) in TRPM.

Notes. This species was described as the third species of the subgenus *Indoseiulus*, a replacement suggested for the subgenus “*Indoseius* Ghan & Menon, 1969” a homonym of *Indoseius* Evans 1955).

122. *Aegyptobia arenaria* Ehara, 1982 (Tenuipalpidae)

(Jpn N: Suna-himehadani)

Ehara 1982b, p. 175, figs. 1–2. Type loc.: Tottori Sand Dunes, Tottori Pref., Honshu, JAPAN. Type hab.: *Artemisia capillaris* Thunb. (Jpn N: Kawara-yomogi. Asteraceae).

Holotype (Ac-13302, female) and 5 paratypes (Ac-13303

to 13307, 6 females) in NSMT; 4 paratypes (5 females) in HUM; and 4 paratypes (5 females) in TRPM.

123. *Tenuipalpus boninensis* Ehara, 1982 (Tenuipalpidae)
(Jpn N: Hanagasa-himehadani)

Ehara 1982b, p. 177, figs. 3–6. Type loc.: Chichi-jima Island, the Bonin Islands, JAPAN. Type hab.: *Morinda boninensis* Ohwi (Jpn N: Munin-hanagasanoki. Rubiaceae).

Holotype (Ac-13308, female) and 5 paratypes (Ac-13309 to 13313, 4 males and 4 females) in NSMT; 5 paratypes (2 males and 7 females) in HUM; 3 paratypes (1 male and 3 females) in TRPM.

124. *Zetzellia javanica* Ehara & Oomen-Kalsbeek, 1983
(Stigmaeidae)

Ehara & Oomen-Kalsbeek 1983, p. 19, figs. 1–2, 6. Type loc.: Gambung, Java, INDONESIA. Type hab.: tea (Theaceae).

Holotype (R3.GA.16) and 4 paratypes (R3.GA.26 / R3.GA.32 / R3.GA.1 / R3.00.1) in AUW.

125. *Zetzellia rugosa* Ehara & Oomen-Kalsbeek, 1983
(Stigmaeidae)

Ehara & Oomen-Kalsbeek 1983, p. 22, figs. 3–5. Type loc.: Pasir Sarongge, Java, INDONESIA. Type hab.: tea (Theaceae).

Holotype (R3.PS.1) in AUW.

126. *Agistemus orbicularis* Ehara & Oomen-Kalsbeek,
1983 (Stigmaeidae)

Ehara & Oomen-Kalsbeek 1983, p. 22, figs. 7, 10–11. Type loc.: Cigaru estate, Java, INDONESIA. Type hab.: tea (Theaceae).

Holotype (R3.CG.1) and 3 paratypes (R3.CG.1, R3.GM.2, R3.R5.3) in AUW.

127. *Agistemus sumatrensis* Ehara & Oomen-Kalsbeek,
1983 (Stigmaeidae)

Ehara & Oomen-Kalsbeek 1983, p. 24, figs. 8, 12. Type loc.: Toba Sari estate, Sumatra, INDONESIA. Type hab.: tea (Theaceae).

Holotype (R3.TS.2) and 1 paratype (R3.TS.5) in AUW.

128. *Agistemus pieteri* Ehara & Oomen-Kalsbeek, 1983
(Stigmaeidae)

Ehara & Oomen-Kalsbeek 1983, p. 25, figs. 9, 13. Type loc.:

Gambung, Java, INDONESIA. Type hab.: tea (Theaceae). Holotype (R3.GA.10) and 1 paratype (R3.GA.10) in AUW.

129. *Eryngiopus yasumatsui* Ehara & Wongsiri, 1984
(Stigmaeidae)

Ehara & Wongsiri 1984, p. 110, figs. 1, 3. Type loc.: San Pa Tong, THAILAND. Type hab.: soy bean (Fabaceae).

Holotype (Ac-13314) in NSMT.

130. *Agistemus thaianus* Ehara & Wongsiri, 1984
(Stigmaeidae)

Ehara & Wongsiri 1984, p. 112, figs. 2, 4. Type loc.: Fang, THAILAND. Type hab.: *Ficus* sp. (Moraceae).

Holotype (Ac-13315, female mounted with 3 female paratypes) and 3 paratypes (Ac-13316, 1 male) in NSMT; 1 paratype (3 females) in HUM; 1 paratype (1 female) in TRPM.

131. *Agistemus giganteus* Ehara & Wongsiri, 1984
(Stigmaeidae)

Ehara & Wongsiri 1984, p. 114, figs. 6, 8–9. Type loc.: Ban Kad near Chiang Mai, THAILAND. Type hab.: litchi (Sapindaceae).

Holotype (Ac-13317, female mounted with 1 female paratype) and 12 paratypes (Ac-13318 to 13329, 2 males and 19 females) in NSMT; 11 paratypes (7 males and 15 females) in HUM; 10 paratypes (2 males and 10 females) in TRPM.

132. *Agistemus siamensis* Ehara & Wongsiri, 1984
(Stigmaeidae)

Ehara & Wongsiri 1984, p. 116, figs. 7, 10–11. Type loc.: Doi Chiang Dao, THAILAND. Type hab.: tea (Theaceae).

Holotype (Ac-13330, female mounted with 1 male paratype) and 1 paratype (Ac-13331, 1 male) in NSMT.

133. *Typhlodromus (Anthoseius) higoensis* Ehara, 1985
(Phytoseiidae)
(Jpn N: Higo-kaburidani)

Ehara 1985a, p. 115, figs. 1–6. Type loc.: Kumamoto Univ. Campus, Kurokami-chô, Kumamoto City, Kumamoto Pref., Kyushu, JAPAN. Type hab.: bamboo (Jpn N: Take-ka. Bambusaceae).

Holotype (Ac-13332, female) and 3 paratypes (Ac-13333 to 13335, 3 females) in NSMT; 2 paratypes (2 females) in HUM; 1 paratype (1 female) in TRPM.

134. *Amblyseius (Amblyseius) hirotae* Ehara, 1985
(Phytoseiidae)

Current N: *Neoseiulus bicaudus* (Wainstein, 1962)
(Jpn N: Nise-koyama-kaburidani)

Ehara 1985a, p. 119, figs. 15–24. Type loc.: Tottori Sand Dunes, Tottori City, Tottori Pref., Honshu, JAPAN. Type hab.: *Ischaemum antheploroides* (Steud.) Miq. (Jpn N: Ke-kamonohashi. Poaceae).

Holotype (Ac-13336, female) and 10 paratypes (Ac-13337 to 13340, 1 male and 3 females on *I. antheploroides*; Ac-13341, 1 female on Mehishiba, *Digitaria ciliaris*; Ac-13342 to 13346, 5 females on Shinadare-suzumegaya, *Eragrostis curvula*) in NSMT; 7 paratypes (1 male and 7 females on *I. antheploroides*; 1 male and 1 female on *Digitaria ciliaris*) in HUM; 7 paratypes (10 females on *I. antheploroides*; 1 female on *D. ciliaris*) in TRPM.

135. *Agistemus iburiensis* Ehara, 1985 (Stigmaeidae)
(Jpn N: Ihuri-nagahishidani)

Ehara 1985b, p. 60, figs. 1–3. Type loc.: Takaoka, Tomakomai, Hokkaido, JAPAN. Type hab.: *Sasa apoiensis* Nakai (Jpn N: Ezo-miyako-zasa. Bambusaceae).

Holotype (Ac-13347, female) and 5 paratypes (Ac-13348–13352, 1 male and 4 females) in NSMT; 5 paratypes (1 male and 7 females) in HUM; 2 paratypes (1 male and 4 females) in TRPM.

136. *Sasanychus pusillus* Ehara & Gotoh, 1987
(Tetranychidae)

(Jpn N: Hime-midori-hadani)

Ehara & Gotoh 1987, p. 377, figs. 1–12. Type loc.: Takaoka, Tomakomai, Hokkaido, JAPAN. Type hab.: *Sasa apoiensis* Nakai (Jpn N: Ezo-miyako-zasa. Bambusaceae).

Holotype (Ac-13353, male) and 10 paratypes (Ac-13354 to 13363, 4 males and 23 females) in NSMT; 10 paratypes (4 males and 16 females) in HUM; 8 paratypes (3 males and 10 females) in TRPM.

Notes. “*Sasanychus*” originally described as a subgenus of the genus *Panonychus* in Ehara (1978b) was elevated to the genus in this article wherein this species was described. Type species of the genus is *Sasanychus akitanus* (Ehara, 1978b).

137. *Eotetranychus spectabilis* Ehara, 1987 (Tetranychidae)
(Jpn N: Hime-kaede-akehadani)

Ehara 1987, p. 624, figs. 1–13. Type loc.: Botanical Garden,

Hokkaido Univ., Sapporo, Hokkaido, JAPAN. Type hab.: *Acer platanoides* L. (Jpn N: Norway-kaede. Aceraceae).

Holotype (Ac-13364, male) and 10 paratypes (Ac-13365 to 13372, 5 males and 10 females from the Botanical Garden, Hokkaido Univ.; Ac-13373 to 13374, 2 males from Sôma-mura, Hirosaki, Aomori Pref., on Itaya-kaede, *Acer mono*) in NSMT; 10 paratypes (5 females from the type locality; 8 males from Sôma-mura, Hirosaki, on *A. mono*) in HUM; 3 paratypes (3 females from the type locality; 1 male and 7 females from Sôma-mura, Hirosaki, *A. mono*) in TRPM.

138. *Eotetranychus dissectus* Ehara, 1987 (Tetranychidae)
(Jpn N: Ô-kaede-akehadani)

Ehara 1987, p. 627, figs. 14–27. Type loc.: Botanical Garden, Hokkaido Univ., Sapporo, Hokkaido, JAPAN. Type hab.: *Acer mono* Maxim. (Jpn N: Itaya-kaede. Aceraceae).

Holotype (Ac-13375, male) and 10 paratypes (Ac-13376 to 13383, 6 males and 12 females from the type locality; Ac-13384 to 13385, 7 females from Keiteki-no-mori, Hokkaido Univ.) in NSMT, 10 paratypes (4 males and 12 females from the type locality; 13 males from Keiteki-no-mori, Hokkaido Univ.) in HUM; and 4 paratypes (3 females from the type locality; 2 males and 3 females from Keiteki-no-mori, Hokkaido Univ., on *A. mono*) in TRPM.

139. *Schizotetranychus colocasiae* Ehara in Ehara & Tho, 1988 (Tetranychidae)

Ehara & Tho 1988, p. 4, figs. 1–8, 11–14. Type loc.: Kepong, MALAYSIA. Type hab.: *Colocasia* sp. (Araceae).

Holotype (Ac-13386, male) and 10 paratypes (Ac-13387 to 13396, 5 males and 14 females) in NSMT; 5 paratypes (5 males and 5 females) in HUM; 4 paratypes (2 males and 2 females) in TRPM.

140. *Schizotetranychus malayanus* Ehara in Ehara & Tho, 1988 (Tetranychidae)

Ehara & Tho 1988, p. 6, figs. 9–10, 15–18. Type loc.: Campus of Univ. of Malaya, Kuala Lumpur, MALAYSIA. Type hab.: cassava (Euphorbiaceae).

Holotype (Ac-13397) and 1 paratype (Ac-13398) in NSMT.

141. *Schizotetranychus kochummeni* Ehara in Ehara & Tho, 1988 (Tetranychidae)

Ehara & Tho 1988, p. 7, figs. 19–30. Type loc.: Campus of Univ. of Malaya, Kuala Lumpur, MALAYSIA. Type hab.: undetermined bamboo (Bambusaceae).

Holotype (Ac-13399, male) and 10 paratypes (Ac-13400 to 13409, 5 males and 12 females) in NSMT; 5 paratypes (3 males and 2 females) in HUM; 2 paratypes (1 male and 2 females) in TRPM.

142. *Schizotetranychus approximatus* Ehara in Ehara & Tho, 1988 (Tetranychidae)

Ehara & Tho 1988, p. 10, figs. 31–43. Type loc.: Kepong (FRIM), MALAYSIA. Type hab.: *Bambusa vulgaris* (Jpn N: Daisen-chiku. Bambusaceae).

Holotype (Ac-13410, male) and 12 paratypes (Ac-13411 to 13422, 5 males and 20 females) in NSMT; 11 paratypes (3 males and 9 females) in HUM; 10 paratypes (3 males and 8 females) in TRPM.

143. *Schizotetranychus laevidorsatus* Ehara in Ehara & Tho, 1988 (Tetranychidae)

Ehara & Tho 1988, p. 12, figs. 44–54. Type loc.: Kepong (FRIM), MALAYSIA. Type hab.: *Gigantochloa levis* (Bambusaceae).

Holotype (Ac-13423, male) and 10 paratypes (Ac-13424 to 13433, 10 females) in NSMT; 5 paratypes (1 male and 4 females) in HUM; 4 paratypes (5 females) in TRPM.

144. *Schizotetranychus saitoi* Ehara in Ehara & Tho, 1988 (Tetranychidae)

Ehara & Tho 1988, p. 14, figs. 55–66. Type loc.: Kepong (FRIM), MALAYSIA. Type hab.: *Bambusa vulgaris* (Jpn N: Daisen-chiku. Poaceae).

Holotype (Ac-13434, male) and 5 paratypes (Ac-13435 to 13439, 3 males and 7 females) in NSMT, 5 paratypes (2 males and 6 females) in HUM; 5 paratypes (2 males and 4 females) in TRPM.

145. *Tetranychus malaysiensis* Ehara in Ehara & Tho, 1988 (Tetranychidae)

Ehara & Tho 1988, p. 19, figs. 71–80. Type loc.: Campus of Univ. of Malaya, Kuala Lumpur, MALAYSIA. Type hab.: *Argyreia* sp. (Convolvulaceae).

Holotype (Ac-13440, male) and 10 paratypes (Ac-13441 to 13450, 4 males and 11 females) in NSMT; 2 paratypes (1 male and 1 female) in HUM; 2 paratypes (1 male and 2 females) in TRPM.

146. *Tetranychus bambusicola* Ehara in Ehara & Tho, 1988 (Tetranychidae)

Ehara & Tho 1988, p. 21, figs. 81–91. Type loc.: Port Dickson, MALAYSIA. Type hab.: *Bambusa glaucescens* (Bambusaceae).

Holotype (Ac-13451, male) and 6 paratypes (Ac-13452 to 13457, 10 females) in NSMT; 3 paratypes (1 male and 2 females) in HUM; and 1 paratype (1 female) in TRPM.

147. *Hemicheyletia morii* Ehara in Ehara & Abdal Ghani, 1988 (Cheyletidae)

Ehara & Abdal Ghani 1988, p. 237, figs. 1–4. Type loc.: Kepong (FRIM), MALAYSIA. Type hab.: *Ficus maclellandii* (Moraceae).

Holotype (Ac-13458, female) and 3 paratypes (Ac-13459 to 13461, 3 females) in NSMT; 1 paratype (1 female) in HUM.

148. *Schizotetranychus brevisetosus* Ehara, 1989 (Tetranychidae)

(Jpn N: Kashinoki-matahadani)

Ehara 1989a, p. 28, figs. 1–12. Type loc.: Miwa-chô, Kyoto Pref., Honshu, JAPAN. Type hab.: *Quercus glauca* Thunb. (Jpn N: Arakashi. Fagaceae).

Holotype (Ac-13462, male mounted with 1 female paratype) and 5 paratypes (Ac-13463, 1 female from the type locality; Ac-13464 to 13467, 2 males and 3 females from Kochi Pref., Shikoku, on *Quercus* sp.) in NSMT; 5 paratypes (2 females from the type locality; 1 male and 4 females from Kochi Pref., on *Quercus* sp.) in HUM; 3 paratypes (1 male and 4 females from Kochi Pref., on *Quercus* sp.) in TRPM.

149. *Eotetranychus cornicola* Ehara, 1989 (Tetranychidae)

(Jpn N: Mizuki-akehadani)

Ehara 1989a, p. 31, figs. 13–23. Type loc.: Kuriyagawa, Morioka, Iwate Pref., Honshu, JAPAN. Type hab.: *Cornus controversa* Hemsley (Jpn N: Mizuki. Cornaceae).

Holotype (Ac-13468, male) and 5 paratypes (Ac-13469 to 13473, 4 males and 5 females from the Botanical Garden, Hokkaido Univ., Sapporo, Hokkaido) in NSMT; and 3 paratypes (1 male from the type locality; 1 male and 5 females from the Botanical Garden, Hokkaido Univ.) in HUM; 2 paratypes (1 male and 4 females from the Botanical Garden, Hokkaido Univ.) in TRPM.

150. *Eotetranychus tsugaruensis* Ehara, 1989 (Tetranychidae)

(Jpn N: Nise-katsura-akehadani)

Ehara 1989a, p. 33, figs. 24–35. Type loc.: Ochiai, Kuroishi, Aomori Pref., Honshu, JAPAN. Type hab.: *Cercidiphyllum japonicum* Sieb. & Zucc. (Jpn N: Katsura. Cercidiphyllaceae).

Holotype (Ac-13474, male) and 3 paratypes (Ac-13475-13477, 2 males and 6 females) in NSMT; 2 paratypes (1 male and 6 females) in HUM; 1 paratype (1 male) in TRPM.

151. *Eotetranychus nomurai* Ehara, 1989 (Tetranychidae)
(Jpn N: Mukunoki-akehadani)

Ehara 1989a, p. 35, figs. 36–46. Type loc.: Matsudo, Chiba Pref., Honshu, JAPAN. Type hab.: *Aphananthe aspera* (Thunb.) Planch (Jpn N: Mukunoki. Ulmaceae).

Holotype (Ac-13478, male) and 6 paratypes (Ac-13479, 1 male from Machida, Ichihara City, Chiba Pref.; Ac-13480 to 13483, 4 males from the type locality; Ac-13484, 6 females from Machida, Ichihara City) in NSMT; 5 paratypes (2 males and 12 females from the type locality; 1 male from Machida, Ichihara City) in HUM; 2 paratypes (1 male and 2 females from the type locality) in TRPM.

152. *Tetranychus quercivorus* Ehara & Gotoh, 1990
(Tetranychidae)

Current N: *Amphitetranychus quercivorus* (Ehara & Gotoh, 1990)

(Jpn N: Mizunara-kudahadani)

Ehara & Gotoh 1990, p. 55, figs. 1–10, 15–19. Type loc.: Sapporo, Hokkaido, JAPAN. Type hab.: *Quercus mongolica* Fischer var. *grosseserrata* (Blume) (Jpn N: Mizunara. Fagaceae).

Holotype (Ac-13485, male) and 10 paratypes (Ac-13486 to 13495, 4 males and 15 females) in NSMT; 10 paratypes (5 males and 18 females) in HUM; 10 paratypes (3 males and 24 females) in TRPM.

153. *Typhlodromus* (*Paraseiulus*) *deogyuensis* Ryu & Ehara, 1990 (Phytoseiidae)

Current N: *Paraseiulus deogyuensis* (Ryu & Ehara, 1990)
Ryu & Ehara 1990, p. 145, figs. 1–9. Type loc.: Mujuguchondong, Tokyusan, Muju, Chonbuk, KOREA. Type hab.: *Ulmus davidiana* Planch var. *japonica* (Rehd.) Nakai (Jpn N: Harunire. Ulmaceae).

Holotype in CBNU.

154. *Panonychus bambusicola* Ehara & Gotoh, 1991

(Tetranychidae)

(Jpn N: Sasa-maruhadani)

Ehara & Gotoh 1991, p. 9, figs. 1–7, 10–13. Type loc.: Hokkaido Univ. Campus, Sapporo, Hokkaido, JAPAN. Type hab.: *Sasa senanensis* (Franchet & Savatier) Rehder (Jpn N: Kumai-zasa. Bambusaceae).

Holotype (Ac-13496, male) and 5 paratypes (Ac-13497 to 13501, 3 males and 6 females) in NSMT; 7 paratypes (4 males and 6 females) in HUM; 5 paratypes (2 males and 6 females) in TRPM.

155. *Phytoseius* (*Phytoseius*) *koreanus* Ryu & Ehara, 1991
(Phytoseiidae)

Ryu & Ehara 1991, p. 23, figs. 1–8. Type loc.: Mujuguchondong, Mt. Tokyu, Muju, Chonbuk, KOREA. Type hab.: *Ulmus davidiana* Planch var. *japonica* (Rehd.) Nakai (Jpn N: Harunire. Ulmaceae).

Holotype in CBNU.

156. *Panonychus thelytokus* Ehara & Gotoh, 1992

(Tetranychidae)

(Jpn N: Erumu-maruhadani)

Ehara & Gotoh 1992, p. 112, figs. 17–23. Type loc.: Hokkaido Univ. Campus, Sapporo, Hokkaido, JAPAN. Type hab.: *Ulmus japonina* (Rehd.) Sargent (Jpn N: Harunire. Ulmaceae).

Holotype (Ac-13502, female mounted with 3 female paratypes) and 3 paratypes (Ac-13503 to 13505, 3 females) in NSMT; 3 paratypes (10 females) in HUM; and 1 paratype (5 females) in TRPM.

157. *Typhlodromus wonkooi* Ryu & Ehara, 1992

(Phytoseiidae)

Current N: *Typhlodromus* (*Anthoseius*) *wonkooi* Ryu & Ehara, 1992

Ryu & Ehara 1992, p. 723, figs. 1–6. Type loc.: Mujuguchondong, Muju, Chonbuk, KOREA. Type hab.: *Abies koreana* (Pinaceae).

Holotype in CBNU.

158. *Phytoseius* (*Phytoseius*) *seungtaii* Ryu & Ehara, 1993
(Phytoseiidae)

Ryu & Ehara 1993, p. 14, figs. 1–10. Type loc.: Kunnam, Yonchon, Kyonggi, KOREA. Type hab.: *Corylus heterophylla* (Jpn N: Ô-hashibami. Betulaceae).

Holotype in CBNU.

159. *Phytoseius (Phytoseius) sonunensis* Ryu & Ehara, 1993 (Phytoseiidae)
 Ryu & Ehara 1993, p. 16, figs. 11–18. Type loc.: Mt. Sonun, Kochang, Chonbuk, KOREA. Type hab.: *Boehmeria spicata* (Jpn N: Ko-akaso. Urticaceae).
 Holotype in CBNU.
160. *Agistemus malayensis* Ehara, 1993 (Stigmaeidae)
 Ehara 1993a, p. 79, figs. 1, 3. Type loc.: Kepong (FRIM), MALAYSIA. Type hab.: *Macaranga tanaria* Muell. Arg. (Euphorbiaceae).
 Holotype (ht: Taxon no. 173) and 1 paratype in FRIM; 3 paratypes (5 females) in HUM.
161. *Agistemus takagii* Ehara, 1993 (Stigmaeidae)
 Ehara 1993a, p. 81, figs. 2, 4. Type loc.: Kepong (FRIM), MALAYSIA. Type hab.: *Bambusa vulgaris* Schrad. (Jpn N: Daisen-chiku. Bambusaceae).
 Holotype (ht: Taxon no. 174) in FRIM.
162. *Amblyseius (Amblyseius) kokufuensis* Ehara & Kato in Ehara, Okada & Kato, 1994 (Phytoseiidae)
 Current N: *Amblyseius (s. str.) kokufuensis* Ehara & Kato in Ehara, Okada & Kato, 1994 (Jpn N: Kokufu-kaburidani)
 Ehara, Okada & Kato 1994, p. 128, figs. 8–15. Type loc.: Kamikihara, Kokufu, Tottori City, Tottori Pref., Honshu, JAPAN. Type hab.: *Phyllostachys* sp. (Jpn N: Madake-zoku sp. Bambusaceae).
 Holotype (Ac-13506, female) and 3 paratypes (Ac-13507 to 13508, 2 females from the type locality; Ac-13509, 1 female from Miyô, Kôfu-cho, Tottori Pref., on *Sasa palmata*) in NSMT; 2 paratypes (1 female from the type locality; 1 female from Tochiyama, Saji, Tottori City, on Chishima-zasa, *Sasa kurilensis*) in HUM; and 1 paratype (1 female from the type locality) in TRPM.
163. *Amblyseius (Amblyseius) neofirmus* Ehara & Okada in Ehara, Okada & Kato, 1994 (Phytoseiidae)
 Current N: *Amblyseius (s. str.) neofirmus* Ehara & Okada in Ehara, Okada & Kato, 1994 (Jpn N: Nise-oni-kaburidani)
 Ehara, Okada & Kato 1994, p. 133, figs. 31–38. Type loc.: Campus of Tottori University, Koyama, Tottori City, Tottori Pref., Honshu, JAPAN. Type hab.: *Zoysia* sp. (Jpn N: Shiba-zoku sp. Poaceae).
 Holotype (Ac-13510, female) and 3 paratypes (Ac-13511 to 13512, 2 females on *Zoysia* sp.; Ac-13513, 1 female, on *Sasa* sp.) in NSMT; and 1 paratype (1 female on *Zoysia* sp.) in HUM; and 1 paratype (1 female on *Zoysia* sp.) in TRPM.
164. *Amblyseiulella amanoi* Ehara in Ehara, Okada & Kato, 1994 (Phytoseiidae)
 (Jpn N: Nanpô-kaburidani)
 Ehara, Okada & Kato 1994, p. 137, figs. 42–48. Type loc.: Ienoko, Tôgane, Chiba Pref., JAPAN. Type hab.: pear (Nijusseiki) *Pyrus pyrifolia* (Burm. fil.) Nakai (Jpn N: Nijusseiki-nashi. Rosaceae).
 Holotype (Ac-13514, female mounted with 4 female paratypes) in NSMT.
165. *Phytoseius (Phytoseius) quercicola* Ehara in Ehara, Okada & Kato, 1994 (Phytoseiidae)
 Current N: *Phytoseius (Dubininellus) quercicola* Ehara in Ehara, Okada & Kato, 1994 (Jpn N: Tateshina-kaburidani)
 Ehara, Okada & Kato 1994, p. 140, figs. 50–58. Type loc.: Tateshina, Nagano Pref., Honshu, JAPAN. Type hab.: *Quercus* sp. (Fagaceae).
 Holotype (Ac-13515, female mounted with 1 female paratype) and 3 paratypes (Ac-13516 to 13518, 2 males and 1 female) in NSMT; 3 paratypes (2 males and 1 female) in HUM; and 1 paratype (1 female) in TRPM.
166. *Phytoseius (Phytoseius) kazusanus* Ehara in Ehara, Okada & Kato, 1994 (Phytoseiidae)
 Current N: *Phytoseius (Dubininellus) kazusanus* Ehara in Ehara, Okada & Kato, 1994 (Jpn N: Kazusa-kaburidani)
 Ehara, Okada & Kato 1994, p. 142, figs. 59–66. Tôgane, Chiba Pref., Honshu, JAPAN. Type hab.: *Phyllostachys bambusoides* Sieb. & Zucc. (Jpn N: Madake. Bambusaceae).
 Holotype (Ac-13519, female) and 3 paratypes (Ac-13520 to 13522, 2 males and 1 female) in NSMT; 1 paratype (1 female) in HUM; and 1 paratype (1 female) in TRPM.
167. *Typhlodromus (Anthoseius) kadonoi* Ehara in Ehara, Okada & Kato, 1994 (Phytoseiidae)
 (Jpn N: Shinshû-kaburidani)
 Ehara, Okada & Kato 1994, p. 149, figs. 75–82. Type loc.: Tateshina, Nagano Pref., Honshu, JAPAN. Type hab.: *Sasa senanensis* (Franchet & Savatier) Rehder var. *senanensis* (Jpn

N: Shinano-zasa or Kumai-zasa. Bambusaceae).

Holotype (Ac-13523, female) and 2 paratypes (Ac-13524 to 13525, 1 male and 1 female) in NSMT; 1 paratype (1 female) in HUM; and 1 paratype (1 female) in TRPM.

168. *Typhlodromus (Anthoseius) silvanus* Ehara & Kishimoto in Ehara, Okada & Kato, 1994 (Phytoseiidae)

(Jpn N: Chinju-kaburidani)

Ehara, Okada & Kato 1994, p. 153, figs. 87–92. Type loc.: Kurata-hachiman Shrine, Baba, Tottori City, Tottori Pref., Honshu, JAPAN. Type hab.: *Quercus myrsinaefolia* Blume (Jpn N: Shirakashi. Fagaceae).

Holotype (Ac-13526, female) and 2 paratypes (Ac-13527, 1 female from Igaminu Shrine, Tottori City, on Hisakaki, *Eurya japonica*; Ac-13528, 1 female from Wakasa Shrine, Wakasa-cho, Tottori Pref., on Hinoki, *Chamaecyparis obtusa*) in NSMT; 1 paratype (1 female from Wakasa Shrine, on *C. obtusa*) in HUM; and 1 paratype (1 female from Wakasa Shrine, on *C. obtusa*) in TRPM.

169. *Tetranychus okinawanus* Ehara, 1995 (Tetranychidae)

(Jpn N: Nangoku-namihadani)

Ehara 1995a, p. 229, figs. 1–13. Type loc.: Shuri, Naha, Okinawa Island, Okinawa Pref., JAPAN. Type hab.: *Pueraria lobata* (Willd.) Ohwi (Jpn N: Kudzu. Fabaceae).

Holotype (Ac 12938) and 9 paratypes (Ac 12939 to 12947) in NSMT.

Notes. This host plant reads as *Pueraria montana* (Lour.) Merr. (Jpn N: Taiwan-kudzu. Fabaceae).

170. *Eurytetranychus koreanus* Ryu & Ehara, 1995

(Tetranychidae)

Ryu & Ehara 1995, p. 15, figs. 1–13. Type loc.: Chungju, Chungbuk, KOREA. Type hab.: *Hemiptelea davidii* (Hance) Planchon (Ulmaceae).

Holotype and paratypes in CBNU.

171. *Panonychus osmanthi* Ehara & Gotoh, 1996

(Tetranychidae)

(Jpn N: Mokusei-maruhadani)

Ehara & Gotoh 1996, p. 18, figs. 1–8, 12–23. Type loc.: Ryugasaki, Ibaraki Pref., Honshu, JAPAN. Type hab.: *Osmanthus fragrans* var. *aurantiacus* Makino (Jpn N: Kin-mokusei. Oleaceae).

Holotype (Ac 12948) and 13 paratypes (Ac 12949 to 12961) in NSMT.

172. *Tetranychus pueraricola* Ehara & Gotoh, 1996

(Tetranychidae)

(Jpn N: Nami-hadani-modoki)

Ehara & Gotoh 1996, p. 21, figs. 36–44, 48–51. Type loc.: Hitachi-Ohta, Ibaraki Pref., Honshu, JAPAN. Type hab.: *Pueraria lobata* (Willdenow) Ohwi (Jpn N: Kudzu. Fabaceae).

Holotype (Ac 12962) and 9 paratypes (Ac 12963 to 12971) in NSMT.

173. *Eotetranychus quercifoliae* Ehara & Gotoh, 1997

(Tetranychidae)

(Jpn N: Konara-akehadani)

Ehara & Gotoh 1997, p. 219, figs. 1–10, 14–17. Type loc.: Tsukuba, Ibaraki Pref., Honshu, JAPAN. Type hab.: *Quercus serrata* Thunberg (Jpn N: Konara. Fagaceae).

Holotype (Ac-13529) and 13 paratypes (Ac-13530-13542) in NSMT.

174. *Amblyseius (Euseius) inouei* Ehara & Moraes, 1998

(Phytoseiidae)

Current N: *Euseius inouei* (Ehara & Moraes, 1998)

Ehara & Moraes 1998, p. 59, figs. 1–10. Type loc.: Ruta by pass-3.5 km, Salto, URUGUAY. Type hab.: navel orange (Rutaceae).

Holotype (Ac 12972) and 1 paratype (Ac 12973) in NSMT.

175. *Amblyseius (Proprioseiopsis) nemotoi* Ehara & Amano, 1998 (Phytoseiidae)

Current N: *Proprioseiopsis nemotoi* (Ehara & Amano, 1998)

(Jpn N: Saitama-kaburidani)

Ehara & Amano 1998, p. 43, figs. 47–54. Type loc.: Kuki, Saitama Pref., Honshu, JAPAN. Type hab.: pear (Jpn N: Nashi. Rosaceae).

Holotype (Ac 12974) and 2 paratypes (Ac 12975 to 12976) in NSMT.

176. *Typhlodromus (Typhlodromus) pseudopyri* Ehara & Amano, 1998 (Phytoseiidae)

(Jpn N: Nise-pairai-kaburidani)

Ehara & Amano 1998, p. 61, figs. 71–75. Type loc.: Fujimoto, Tsukuba, Ibaraki Pref., Honshu, JAPAN. Type hab.: pear (Jpn N: Nashi. Rosaceae).

Holotype (Ac 12977) in NSMT.

177. *Typhlodromus (Typhlodromus) armiger* Ehara & Amano, 1998 (Phytoseiidae)
(Jpn N: Tamage-kaburidani)
Ehara & Amano 1998, p. 62, figs. 76–80. Type loc.: Kuki, Saitama Pref., Honshu, JAPAN. Type hab.: Italian ryegrass (*Lolium multiflorum*) (Jpn N: Itarian-rai-gurasu. Poaceae). Holotype (Ac 12978) and paratype (Ac 12979) in NSMT.
178. *Eotetranychus rubicans* Ehara, 1999 (Tetranychidae)
(Jpn N: Inushide-akehadani)
Ehara 1999a, p. 105, figs. 103–114. Type loc.: Midori-ku, Chiba, Chiba Pref., Honshu, JAPAN. Type hab.: *Carpinus tschonoskii* (Jpn N: Inushide. Betulaceae). Holotype (Ac 12980) and 9 paratypes (Ac 12981 to 12989) in NSMT.
179. *Oligonychus gotohi* Ehara, 1999 (Tetranychidae)
(Jpn N: Bunaka-tsumehadani)
Ehara 1999a, p. 114, figs. 137, 141–151. Type loc.: Tomiura, Chiba Pref., Honshu, JAPAN. Type hab.: *Pasania edulis* (Jpn N: Mateba-shii. Fagaceae). Holotype (Ac 12990) and 9 paratypes (Ac 12991 to 12998) in NSMT.
180. *Tetranychus parakanzawai* Ehara, 1999 (Tetranychidae)
(Jpn N: Nise-kanzawa-hadani)
Ehara 1999a, p. 129, figs. 191, 197–201. Type loc.: Ami, Ibaraki Pref., Honshu, JAPAN. Type hab.: *Pueraria lobata* (Jpn N: Kudzu. Fabaceae). Holotype (Ac 13000) and 4 paratypes (Ac 13001 to 13004) in NSMT.
181. *Oligonychus obliquus* Ehara & Masaki, 2001 (Tetranychidae)
Ehara and Masaki 2001, p. 251, figs. 1–12. Type loc.: MEXICO. Type hab.: fruit of squash (*Cucurbita* sp.) (Jpn N: Kabocha-zoku sp. Cucurbitaceae). Holotype (Ac 11195) and 4 paratypes (Ac 11196 to 11197, Ac 13005 to 13006) in NSMT.
182. *Amblyseiulella thoi* Ehara, 2002 (Phytoseiidae)
Ehara 2002a, p. 37, figs. 18–24. Type loc.: Kepong (FRIM), Selangor, MALAYSIA. Type hab.: *Macaranga tanarius* (L.) Muell. Arg. (Euphorbiaceae). Holotype (ht: Taxon no. 175) in FRIM and 2 paratypes (Ac 13007 to 13008) in NSMT.
183. *Platyseiella acuta* Ehara, 2002 (Phytoseiidae)
Ehara 2002a, p. 40, figs 25–34. Type loc.: Kepong (FRIM), Selangor, MALAYSIA. Type hab.: *Piper aduncum* (Piperaceae). Holotype (ht: Taxon no. 176) and 1 paratype in FRIM; 6 paratypes (Ac 13009 to 13014) in NSMT.
184. *Tetranychus takafujii* Ehara & Ohashi, 2002 (Tetranychidae)
(Jpn N: Mitsuyubi-namihadani)
Ehara and Ohashi 2002, p. 19, figs. 1–10, 11A, B. Type loc.: Yodogawa Riverside Park, Fukushima-ku, Osaka City, Osaka Pref., Honshu, JAPAN. Type hab.: *Solanum nigrum* L. (Jpn N: Inu-hôzuki. Solanaceae). Holotype (Ac 11287) and 15 paratypes (Ac 11288–11302) in NSMT.
185. *Amblyseiulella yaeyamana* Ehara & Amano, 2002 (Phytoseiidae)
(Jpn N: Deiri-kaburidani)
Ehara and Amano 2002, p. 323, figs. 4–11. Type loc.: Higashi-yashiki, Taketomi Island, Okinawa Pref., JAPAN. Type hab.: *Hibiscus tiliaceus* L. (Jpn N: Ôhamabô or Yama-asa. Malvaceae). Holotype (Ac 11286) in NSMT.
186. *Amblyseius (Amblyseius) sumatrensis* Ehara, 2002 (Phytoseiidae)
Current N: *Amblyseius (s. str.) sumatrensis* Ehara, 2002
Ehara 2002b, p. 128, figs. 16–27. Type loc.: Lubuk Mintrum, Sumatra, INDONESIA. Type hab.: *Lansium domesticum* Corrêa (Meliaceae). Holotype (Ac 11475) and 4 paratypes (11476 to 11479) in NSMT.
187. *Tenuipalpus masakii* Ehara & Ueckermann, 2003 (Tenuipalpidae)
Ehara and Ueckermann 2003, p. 21, figs. 1–4. Type loc.: SOUTH AFRICA. Type hab.: *Nebelia* sp. (Bruniaceae). Holotype and paratype (Acy:03/4) in ARC-PPRI and 2 paratypes (Ac 11627 to 11628) in NSMT.
188. *Oligonychus sumatranus* Ehara, 2004 (Tetranychidae)
Ehara 2004a, p. 71, figs. 17–27. Type Loc.: Lubuk Mintrum,

Sumatra, INDONESIA. Type hab.: *Pithecellobium dulce* (Roxb.) Benth. (Fabaceae).

Holotype (Ac 11676) and 4 paratypes (11677 to 11680) in NSMT.

189. *Dolichotetranychus zoysiae* Ehara, 2004

(Tenuipalpidae)

(Jpn N: Shiba-hosohimehadani)

Ehara 2004b, p. 130, figs. 1–6. Type loc.: Onnason, Okinawa Island, Okinawa Pref., JAPAN. Type hab.: *Zoysia tenuifolia* Willd. (Jpn N: Birôdo-shiba. Poaceae).

Holotype (Ac 11806) and 6 paratypes (Ac 11807 to 11812) in NSMT.

190. *Schizotetranychus gilvus* Ehara & Ohashi, 2005

(Tetranychidae)

(Jpn N: Koto-matahadani)

Ehara and Ohashi 2005, p. 2, figs. 1–16. Type loc.: Botanical Garden of Kyoto University, Sakyo-ku, Kyoto, Kyoto Pref., Honshu, JAPAN. Type hab.: *Quercus gilva* Blume (Jpn N: Ichii-gashi. Fagaceae).

Holotype (Ac 11888) and 8 paratypes (Ac 11889 to 11896) in NSMT.

191. *Indoseiulus santosoi* Ehara, 2005 (Phytoseiidae)

Ehara 2005a, p. 36, figs. 21–29. Type loc.: Cianjur, West Java, INDONESIA. Type hab.: a fabaceous climbing plant (Fabaceae).

Holotype (MZB-Acar. 3578) in MZB.

192. *Gymnostigmaeus akaminei* Ehara & Ueckermann, 2006 (Stigmaeidae)

(Jpn N: Shiba-suji-nagahishidani)

Ehara and Ueckermann 2006, p. 31, figs. 1–15, Type loc.: Onna-son, Okinawa Island, Okinawa Pref., JAPAN. Type hab.: *Zoysia tenuifolia* Willd. (Jpn N: Kôrai-shiba. Poaceae). Holotype (Ac 12063) and 4 paratypes (Ac 12064 to 12067) in NSMT.

Notes. Type species of new genus *Gymnostigmaeus*.

193. *Eotetranychus toyoshimai* Ehara & Gotoh, 2006

(Tetranychidae)

(Jpn N: Hônoki-akehadani)

Ehara and Gotoh 2006, p. 39, figs. 1–11. Type loc.: Shimo-kuriyagawa, Morioka, Iwate Pref., Honshu, JAPAN. Type hab.: *Magnolia hypoleuca* Sieb. & Zucc. (Jpn N: Hônoki.

Magnoliaceae).

Holotype (Ac 11937) and 3 paratypes (Ac 11938 to 11940) in NSMT.

194. *Phytoseius (Phytoseius) malaysianus* Ehara, 2006

(Phytoseiidae)

Ehara 2006a, p. 177, figs. 1–7. Type loc.: near Sungai Pandan waterfall, Pahang, MALAYSIA. Type hab.: undetermined plant.

Holotype (ht: Taxon No.177) in FRIM; 3 paratypes (Ac 12068 to 12070) in NSMT.

195. *Transeius fulvus* Ehara & Toyoshima in Ehara, Toyoshima & Amano, 2006 (Phytoseiidae)

(Jpn N: Iroguro-kaburidani)

Ehara, Toyoshima and Amano 2006, p. 345, figs. 1–8. Type loc.: Shimo-kuriyagawa, Morioka, Iwate Pref., Honshu, JAPAN. Type hab.: *Morus bombycis* Koidz. (Jpn N: Kuwa. Moraceae).

Holotype (Ac 12133) and 5 paratypes (Ac 12134 to 12138) in NSMT.

196. *Typhlodromus (Typhlodromus) moricola* Ehara & Toyoshima in Ehara, Toyoshima & Amano, 2006

(Phytoseiidae)

(Jpn N: Rikuchû-kaburidani)

Ehara, Toyoshima and Amano 2006, p. 348, figs. 9–15. Type loc.: Shimo-kuriyagawa, Morioka, Iwate Pref., Honshu, JAPAN. Type hab.: *Morus bombycis* Koidz. (Jpn N: Kuwa. Moraceae).

Holotype (Ac 12139) in NSMT.

197. *Typhlodromus (Anthoseius) kishimotoi* Ehara & Amano in Ehara, Toyoshima & Amano, 2006

(Phytoseiidae)

(Jpn N: Nokogiri-kaburidani)

Ehara, Toyoshima and Amano 2006, p. 348, figs. 16–25. Type loc.: Kuchinotsu, Shimabara, Nagasaki Pref., Kyushu, JAPAN. Type hab.: *Citrus unshiu* Mar. (Jpn N: Unshûmikan. Rutaceae).

Holotype (Ac 12140) and 1 paratype (Ac 12141) in NSMT.

198. *Oligonychus castanae* Ehara & Gotoh, 2007

(Tetranychidae)

(Jpn N: Kuri-no-tsumehadani)

Ehara and Gotoh 2007a, p. 15, figs. 1–12. Type loc.:

Wakaguri, Ami, Ibaraki Pref., Honshu, JAPAN. Type hab.: *Castanea crenata* Sieb. & Zucc. (Jpn N: Kuri, Fagaceae). Holotype (Ac 12142) and 6 paratypes (Ac 12143 to 12148) in NSMT.

199. *Oligonychus amiensis* Ehara & Gotoh, 2007

(Tetranychidae)

(Jpn N: Nyogo-tsumehadani)

Ehara and Gotoh 2007a, p. 18, figs. 13–17. Type loc.: Chûô, Ami, Ibaraki Pref., Honshu, JAPAN. Type hab.: *Lithocarpus edulis* (Makino) Nakai. (Jpn N: Mateba-shii, Fagaceae). Holotype (Ac 12149) and 3 paratypes (Ac 12150 to 12152) in NSMT.

200. *Phytoscutus japonicus* Ehara & Kishimoto, 2007

(Phytoseiidae)

(Jpn N: Yokoami-kaburidani)

Ehara and Kishimoto 2007a, p. 111, figs. 1–7. Type loc.: Kawaminami, Miyazaki Pref., Kyushu, JAPAN. Type hab.: *Citrus unshiu* Mar. (Jpn N: Unshû-mikan, Rutaceae). Holotype (Ac 12896) and 2 paratypes (Ac 12897 to 12898) in NSMT.

201. *Oligonychus camelliae* Ehara & Gotoh, 2007

(Tetranychidae)

(Jpn N: Tsubaki-tsumehadani)

Ehara and Gotoh 2007b, p. 52, figs. 1–11. Type loc.: Shinobuyama, Fukushima, Fukushima Pref., Honshu, JAPAN. Type hab.: *Camellia japonica* L. (Jpn N: Tsubaki, Theaceae). Holotype (Ac 12444) and 8 paratypes (Ac 12445 to 12452) in NSMT.

202. *Tetranychus misumaiensis* Ehara & Gotoh, 2007

(Tetranychidae)

(Jpn N: Misumai-namihadani)

Ehara and Gotoh 2007b, p. 55, figs. 25–33. Type loc.: Misumai, Sapporo, Hokkaido, JAPAN. Type hab.: *Apios* sp. (Jpn N: Hodo-imo sp. Fabaceae). Holotype (Ac 12453) and 7 paratypes (Ac 12454 to 12460) in NSMT.

203. *Eotetranychus tiliaecola* Ehara & Gotoh, 2008

(Tetranychidae)

(Jpn N: Usinose-akehadani)

Ehara and Gotoh 2008a, p. 190, figs. 1–11. Type loc.:

Naganuma, Prov. Sorachi, Hokkaido, JAPAN. Type hab.: *Tilia maximowicziana* (Jpn N: Ôba-bodaiju. Tiliaceae). Holotype (Ac 12930) and 7 paratypes (Ac 12931 to 12937) in NSMT; 6 paratypes in KUM.

204. *Tetranychus huhhotensis* Ehara, Gotoh & Hong, 2008 (Tetranychidae)

Ehara, Gotoh and Hong 2008, p. 339, figs. 1–11, 23. Type loc.: Tuheidate, Huhhot, Inner Mongolia, CHINA. Type hab.: corn (Poaceae).

Holotype (NJAU tetra 2008-001-01) and 5 paratypes (NJAU tetra 2008-001-02 to 2008-001-06) in NJAU; and 5 paratypes (Ac 12899 to 12903) in NSMT.

205. *Tetranychus zae* Ehara, Gotoh & Hong, 2008

(Tetranychidae)

Ehara, Gotoh and Hong 2008, p. 343, figs. 12–22, 24. Type loc.: Tuzuoqitaosihao, Huhhot, Inner Mongolia, CHINA. Type hab.: corn (Poaceae).

Holotype (NJAU tetra 2008-002-01) and 7 paratypes (NJAU tetra 2008-002-02 to 2008-002-08) in NJAU; and 7 paratypes (Ac 12904 to 12910) in NSMT.

Taxa Other Than Species Created or Newly Named by S. Ehara and his Coauthors

Genus *Okiseius* Ehara, 1967 (Phytoseiidae)

Ehara 1967a, p. 77.

Type species: *Okiseius subtropicus* Ehara, 1967.

Genus *Sasanychus* Ehara, 1978 (Tetranychidae)

Ehara 1978b, p. 88; Ehara and Gotoh 1987, p. 375.

Type species: *Panonychus (Sasanychus) akitanus* Ehara, 1978.

Notes. “*Sasanychus*” was created originally as a subgenus of the genus *Panonychus* Yokoyama in Ehara (1978) designating *Panonychus (Sasanychus) akitanus* Ehara, 1978 as the type species. Later, the subgenus was elevated to the generic level by Ehara and Gotoh (1987).

Genus *Yezonychus* Ehara, 1978 (Tetranychidae)

Ehara 1978b, p. 90.

Type species: *Yezonychus sapporensis* Ehara, 1978.

Genus *Gymnostigmaeus* Ehara & Ueckermann, 2006

(Stigmaeidae)

Ehara and Ueckermann 2006, p. 30.

Type species: *Gymnostigmaeus akaminei* Ehara & Ueckermann, 2006.

Subgenus *Indoseiulus* Ehara (of Genus *Amblyseius*,
Phytoseiidae)

Ehara 1982a, p. 42.

Type species: *Indoseius ricini* Ghai and Menon, 1969 (nec *Indoseius* Evans, 1955).

Notes. This subgeneric name *Indoseiulus* was newly proposed as a replacement name for “*Indoseius* Ghai & Menon, 1969” (a genus in the original article; nec *Indoseius* Evans, 1955) in the same article, because the name was preoccupied by “*Indoseius* Evans, 1955”.

Tribe Indoseiulini Ehara and Amano, 1998

Ehara and Amano 1998, p. 48.

Type genus: *Indoseiulus* Ehara, 1982.

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**Chronological Bibliography of the Publications of Dr.
Shôzô Ehara**

This bibliography lists all known scientific publications of Dr. Shôzô Ehara excluding several miscellaneous writings

such as several book reviews or obituaries. As a rule, publications are chronologically arranged also publications of the same year. Those articles published in Japanese are indicated by the English translation followed by the Japanese version in square brackets. Journal names are shown in full only when the journal appeared for the first time in the list.

Newly described taxa are shown also in square brackets (and in bold unless the name was replaced by another senior synonym later) in the titles of the literature concerned omitting author's names.

1. Ehara, S. (1951a) Histological structures of male gonads of some cerambycid-beetles, with remarks on their systematic relationships. *Journal of the Faculty of Science, Hokkaido University, Series 6, Zoology*, 10: 266–270. pl. 12.
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Addendum as an obituary on Shōzō Ehara (1928–2008)

In the course of preparing this manuscript, the first author of the list, Dr. Shōzō Ehara, Professor Emeritus of Tottori University, passed away on 7 October 2008 at the age of 80 after his struggle with lung cancer for more than 10 months. In memory of his long and enormous contribution to acarid taxonomy and applied acarology, we decided to make this reference list to include all the publications (including those written in Japanese) made by him. Also added here below is his brief biography.

Dr. Shōzō Ehara (Fig. 1), was born on 5 May 1928 in Otaru of Hokkaido and moved to Sapporo at the age of 5 due to a transfer of



Fig. 1. Dr. Shôzô Ehara on his 72nd birthday in 2000.

his father, Genjiro Ehara, who held prominent positions as principal of several high schools. Immediately after graduation from the Department of Biology (Zoology Major), Faculty of Science of Hokkaido University in 1951, he started his career in biological research as a research associate in the Laboratory of Systematic Zoology led by Prof. Tohru Uchida (1897–1981) who was one of the leading zoologists in Japan in those days. Initially, Ehara had engaged in the comparative morphology of reproductive organs of cerambycid beetles as an extension of insect-collecting as a hobby from his earlier teenagehood. However, soon after getting a job in Uchida's lab, he initiated the taxonomy of Japanese phytophagous mites and their phytoseiid predators, under the influence of Prof. Uchida, who also studied water mites besides hydrozoa, and Uchida's student, Dr. Kiyoshi Asanuma (1917–1999) who was a taxonomist of ticks, and Dr. Taiji Imamura (1913–2004) who worked also on taxonomy of water mites.

Starting with the first description of two new species of spider mites parasitic on conifers, *Paratetranychus hondoensis* (Fig. 2), *Paratetranychus inouei* (Ehara 1954), he has consecutively described phytophagous and predaceous mite species on plants, especially economically important species prior to those on wild plants. This series of taxonomical work provided solid basis for the development of applied acarology in Japan and he received the Award for Distinguished Research from the Japanese Society of Applied Entomology and Zoology in 1969. Parallel to the taxonomical work, he also studied internal anatomy of reproductive organs of some mite species and received doctoral degree (Doctor of Science) from Hokkaido University with the thesis entitled "Comparative studies on the internal anatomy of some Japanese acarinids" in 1960.

In the fall of 1967, he moved to Tottori, southwestern Honshu,

Japan, to teach biology at the Faculty of Education of Tottori University as an Associate Professor, and became a Professor in 1971. He also served as councilor of the university (1981–1993) and director of the University Library (1984–1986) until his retirement in 1994. In his 43 years of service he has taught hundreds of students.

In spite of his many responsibilities at the Tottori University, he still found time to publish many articles on mite taxonomy with great enthusiasm and has stood tall among his academic peers. He published first pictorial book for identification of Japanese ticks and mites "Illustrations of the Mites and Ticks of Japan" in 1980 and a similar book on phytophagous mites "Plant Mites of Japan in Colors" in 1993 as the editor. Of the 33 books he contributed to, 14 were either edited, or written by him as senior or sole author. He has served in several academic societies: as the president of the Japanese Association for Acarology (now the Acarological Society of Japan); as councilors in the Japanese Society of Systematic Zoology, the Japanese Society of Soil Zoology, and the Acarological Society of Japan; as a member of the editorial board of "International Journal of Acarology" and "Systematics and Applied Acarology". He received honorary membership from both the Acarological Society of Japan and the Arachnological Society of Japan in 2007.

He also considerably contributed to the development of culture and nature conservation in Tottori Prefecture, by joining several committees of the prefecture such as the Council of the Tottori Prefectural Museum, the Council for the Protection of Cultural Properties as a commissioner, and as a chairperson. For these achievements, he was commended by the Minister of Education, Culture, Sports, Science and Technology of Japan as a Distinguished

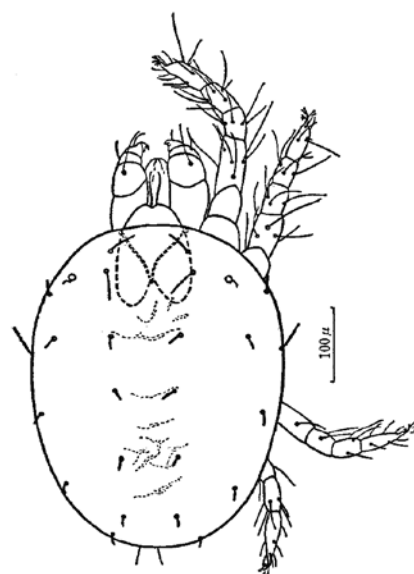


Fig. 2. *Oligonychus hondoensis* (Ehara, 1954) (Jpn N: Sugino-hadani), first mite species described as new by Shôzô Ehara in 1954 (after Ehara 1980)

Regional Cultural Contributor in 2003.

According to his above-mentioned bibliography, he published more than 240 articles of which more than 160 are original papers. Amazingly, even after his retirement, he constantly continued his work on mite taxonomy at home, and the number of species described as new in the papers published after his retirement reached as many as 44. His never-ending enthusiasm for research has stimulated many acarologists, arachnologists, and entomologists, in Japan and other countries, especially of Asia.

Nobuo Tsurusaki, Kazunori Ohashi and Tetsuo Gotoh

Index: Scientific names (Alphabetical order)

- Aegyptobia arenaria* Ehara, 1982
Agistemus citrinus Ehara, 1967
Agistemus giganteus Ehara & Wongsiri, 1984
Agistemus iburiensis Ehara, 1985
Agistemus lobatus Ehara, 1964
Agistemus malayensis Ehara, 1993
Agistemus orbicularis Ehara & Oomen-Kalsbeek, 1983
Agistemus pieteri Ehara & Oomen-Kalsbeek, 1983
Agistemus siamensis Ehara & Wongsiri, 1984
Agistemus sumatrensis Ehara & Oomen-Kalsbeek, 1983
Agistemus summersi Ehara, 1964
Agistemus takagii Ehara, 1993
Agistemus thaianus Ehara & Wongsiri, 1984
Amblyseiulella amanoi Ehara, 1994
Amblyseiulella thoi Ehara, 2002
Amblyseiulella yaeyamana Ehara & Amano, 2002
Amblyseius ainu Ehara, 1967
Amblyseius aizawai Ehara & Bhandhufalck, 1977
Amblyseius akahirai Ehara, 1966
Amblyseius alpicola Ehara, 1982
Amblyseius anuwati Ehara & Bhandhufalck, 1977
Amblyseius ezoensis Ehara, 1967
Amblyseius firmus Ehara, 1967
Amblyseius haimatus Ehara, 1967
Amblyseius hidakai Ehara & Bhandhufalck, 1977
Amblyseius hinoki Ehara, 1972
Amblyseius hirotae Ehara, 1985
Amblyseius inabanus Ehara, 1972
Amblyseius inouei Ehara & Moraes, 1998
Amblyseius ishikawai Ehara, 1972
Amblyseius ishizuchiensis Ehara, 1972
Amblyseius kaguya Ehara, 1966
Amblyseius kokufuensis Ehara & Kato, 1994
Amblyseius koyamanus Ehara & Yokogawa, 1977
Amblyseius liturivorus Ehara, 1982
Amblyseius makuwa Ehara, 1972
Amblyseius maritimus Ehara, 1967
Amblyseius morii Ehara, 1967
Amblyseius nemotoi Ehara & Amano, 1998
Amblyseius neofirmus Ehara & Okada, 1994
Amblyseius neoparaki Ehara, 1972
Amblyseius neotropicus Ehara, 1966
Amblyseius nicholsi Ehara & Lee, 1971
Amblyseius ochii Ehara & Yokogawa, 1977
Amblyseius oguroi Ehara, 1964
Amblyseius okinawanus Ehara, 1967
Amblyseius okumae Ehara & Bhandhufalck, 1977
Amblyseius orientalis Ehara, 1959
Amblyseius paraki Ehara, 1967
Amblyseius sakagami Ehara, 1966
Amblyseius shiganus Ehara, 1972
Amblyseius siaki Ehara & Lee, 1971
Amblyseius siamensis Ehara & Bhandhufalck, 1977
Amblyseius sojaensis Ehara, 1964
Amblyseius sumatrensis Ehara, 2002
Amblyseius taiwanicus Ehara, 1970
Amblyseius tsugawai Ehara, 1959
Amblyseius urumanus Ehara, 1967
Amblyseius wongsirii Ehara & Bhandhufalck, 1977
Amblyseius yanoi Ehara, 1972
Aponychus nakaoi Ehara & Wongsiri, 1975
Aponychus siamensis Ehara & Wongsiri, 1975
Bdella uchidai Ehara, 1961
Bryobia japonica Ehara & Yamada, 1968
Cheyllostigmaeus californicus Summers & Ehara, 1965
Cheyllostigmaeus multidentatus Summers & Ehara, 1965
Dolichotetranychus zoysiae Ehara, 2004
Eotetranychus asiaticus Ehara, 1966
Eotetranychus boreus Ehara, 1969
Eotetranychus celtis Ehara, 1965
Eotetranychus cornicola Ehara, 1989
Eotetranychus dissectus Ehara, 1987
Eotetranychus geniculatus Ehara, 1969
Eotetranychus kankitus Ehara, 1955
Eotetranychus nomurai Ehara, 1989
Eotetranychus quercifoliae Ehara & Gotoh, 1997
Eotetranychus rubicans Ehara, 1999
Eotetranychus shii Ehara, 1965
Eotetranychus spectabilis Ehara, 1987
Eotetranychus suvipakiti Ehara & Wongsiri, 1975

- Eotetranychus thailandicus* Ehara & Wongsiri, 1975
Eotetranychus tiliaecola Ehara & Gotoh, 2008
Eotetranychus toyoshimai Ehara & Gotoh, 2006
Eotetranychus tsugaruensis Ehara, 1989
Eotetranychus uchidai Ehara, 1956
Eryngiopus yasumatsui Ehara & Wongsiri, 1984
Eurytetranychus japonicus Ehara, 1980
Eurytetranychus koreanus Ryu & Ehara, 1995
Exothorhis okinawana Ehara, 1967
Gymnostigmaeus akaminei Ehara & Ueckermann, 2006
Hemicheyletia morii Ehara, 1988
Heteroteneriffia tokiokai Ehara, 1965
Indoseiulus santosoi Ehara, 2005
Iphiseius formosanus Ehara, 1970
Lasioseius japonicus Ehara, 1965
Lasioseius sugawarai Ehara, 1964
Neoteneriffiola japonica Ehara, 1965
Okiseius subtropicus Ehara, 1967
Oligonychus amiensis Ehara & Gotoh, 2007
Oligonychus camelliae Ehara & Gotoh, 2007
Oligonychus castaneae Ehara & Gotoh, 2007
Oligonychus gotohi Ehara, 1999
Oligonychus kadarsani Ehara, 1969
Oligonychus obliquus Ehara & Masaki, 2001
Oligonychus pustulosus Ehara, 1962
Oligonychus rubicundus Ehara, 1971
Oligonychus shinkajii Ehara, 1964
Oligonychus sumatranus Ehara, 2004
Oligonychus tsudomei Ehara, 1966
Oligonychus uruma Ehara, 1966
Oligonychus yasumatsui Ehara & Wongsiri, 1975
Panonychus (Sasanychus) akitanus Ehara, 1978
Panonychus bambusicola Ehara & Gotoh, 1991
Panonychus osmanthi Ehara & Gotoh, 1996
Panonychus thelytokus Ehara & Gotoh, 1992
Paracheyletia bakeri Ehara, 1962
Paratetranychus clavatus Ehara, 1959
Paratetranychus hondoensis Ehara, 1954
Paratetranychus inouei Ehara, 1954
Paratetranychus karamatus Ehara, 1956
Phytoscutus japonicus Ehara & Kishimoto, 2007
Phytoseius blakistoni Ehara, 1966
Phytoseius campestris Ehara, 1967
Phytoseius capitatus Ehara, 1966
Phytoseius chanti Ehara, 1966
Phytoseius huangi Ehara, 1970
Phytoseius ikeharai Ehara, 1967
Phytoseius kazusanus Ehara, 1994
Phytoseius kishii Ehara, 1967
Phytoseius koreanus Ryu & Ehara, 1991
Phytoseius malaysianus Ehara, 2006
Phytoseius mumai Ehara, 1966
Phytoseius neoferox Ehara & Bhandhufalck, 1977
Phytoseius nipponicus Ehara, 1962
Phytoseius quercicola Ehara, 1994
Phytoseius seungtaii Ryu & Ehara, 1993
Phytoseius sonunensis Ryu & Ehara, 1993
Phytoseius tenuiformis Ehara, 1978
Platyseiella acuta Ehara, 2002
Sasanychus pusillus Ehara & Gotoh, 1987
Schizotetranychus approximatus Ehara, 1988
Schizotetranychus bhandhufalcki Ehara & Wongsiri, 1975
Schizotetranychus brevisetosus Ehara, 1989
Schizotetranychus cercidiphylli Ehara, 1973
Schizotetranychus chiangmaiensis Ehara & Wongsiri, 1975
Schizotetranychus colocasiae Ehara, 1988
Schizotetranychus gilvus Ehara & Ohashi, 2005
Schizotetranychus kochummeni Ehara, 1988
Schizotetranychus laavidorsatus Ehara, 1988
Schizotetranychus leguminosus Ehara, 1973
Schizotetranychus malayanus Ehara, 1988
Schizotetranychus recki Ehara, 1957
Schizotetranychus saitoi Ehara, 1988
Schizotetranychus vermiculatus Ehara & Wongsiri, 1975
Schizotetranychus yoshimekii Ehara & Wongsiri, 1975
Tenuipalpus boninensis Ehara, 1982
Tenuipalpus masakii Ehara & Ueckermann, 2003
Tetranychus bambusicola Ehara, 1988
Tetranychus ezoensis Ehara, 1962
Tetranychus huhhotensis Ehara, Gotoh & Hong, 2008
Tetranychus malaysiensis Ehara, 1988
Tetranychus misumaiensis Ehara & Gotoh, 2007
Tetranychus okinawanus Ehara, 1995
Tetranychus parakanzawai Ehara, 1999
Tetranychus phaselus Ehara, 1960
Tetranychus pueraricola Ehara & Gotoh, 1996
Tetranychus quercivorus Ehara & Gotoh, 1990
Tetranychus taiwanicus Ehara, 1969
Tetranychus takafujii Ehara & Ohashi, 2002
Tetranychus truncatus Ehara, 1956
Tetranychus zaeae Ehara, Gotoh & Hong, 2008
Tetranychopsis borealis Ehara & Mori, 1969

| | | |
|--|------------|--|
| <i>Thoribdella japonica</i> Ehara, 1961 | イヌシデアケハダニ | <i>Eotetranychus rubicans</i> Ehara, 1999 |
| <i>Transeius fulvus</i> Ehara & Toyoshima, 2006 | イネツメハダニ | <i>Oligonychus shinkajii</i> Ehara, 1964 |
| <i>Tuckerella japonica</i> Ehara, 1975 | イブリナガヒシダニ | <i>Agistemus iburiensis</i> Ehara, 1985 |
| <i>Typhlodromus armiger</i> Ehara & Amano, 1998 | イログロカブリダニ | <i>Transeius fulvus</i> Ehara & Toyoshima, 2006 |
| <i>Typhlodromus bambusae</i> Ehara, 1964 | | |
| <i>Typhlodromus borealis</i> Ehara, 1967 | ウシノセアケハダニ | <i>Eotetranychus tiliaeicola</i> Ehara & Gotoh, 2008 |
| <i>Typhlodromus chinensis</i> Ehara & Lee, 1971 | | |
| <i>Typhlodromus deogyuensis</i> Ryu & Ehara, 1990 | ウスゲカブリダニ | <i>Typhlodromus ternatus</i> Ehara, 1972 |
| <i>Typhlodromus higoensis</i> Ehara, 1985 | ウスゲユビダニ | <i>Neoteneriffiola japonica</i> Ehara, 1965 |
| <i>Typhlodromus hirashimai</i> Ehara, 1972 | ウスナガヒシダニ | <i>Agistemus citrinus</i> Ehara, 1967 |
| <i>Typhlodromus insularis</i> Ehara, 1966 | ウチダアケハダニ | <i>Eotetranychus uchidai</i> Ehara, 1956 |
| <i>Typhlodromus japonicus</i> Ehara, 1958 | ウルマカブリダニ | <i>Amblyseius urumanus</i> Ehara, 1967 |
| <i>Typhlodromus kadonoi</i> Ehara, 1994 | ウルマツメハダニ | <i>Oligonychus uruma</i> Ehara, 1966 |
| <i>Typhlodromus kishimotoi</i> Ehara & Amano, 2006 | ウロコツメダニ | <i>Parachyletia bakeri</i> Ehara, 1962 |
| <i>Typhlodromus kiso</i> Ehara, 1972 | エゾカブリダニ | <i>Amblyseius ezoensis</i> Ehara, 1967 |
| <i>Typhlodromus miyarai</i> Ehara, 1967 | エゾスギツメハダニ | <i>Oligonychus pustulosus</i> Ehara, 1962 |
| <i>Typhlodromus moricola</i> Ehara & Toyoshima, 2006 | エゾナガヒシダニ | <i>Agistemus summersi</i> Ehara, 1964 |
| <i>Typhlodromus pseudopyri</i> Ehara & Amano, 1998 | エノキアケハダニ | <i>Eotetranychus celtis</i> Ehara, 1965 |
| <i>Typhlodromus ryukyuensis</i> Ehara, 1967 | エルムマルハダニ | <i>Panonychus thelytokus</i> Ehara & Gotoh, 1992 |
| <i>Typhlodromus serrulatus</i> Ehara, 1972 | | |
| <i>Typhlodromus shibai</i> Ehara, 1981 | オオカエデアケハダニ | <i>Eotetranychus dissectus</i> Ehara, 1987 |
| <i>Typhlodromus silvanus</i> Ehara & Kishimoto, 1994 | オキナワカブリダニ | <i>Amblyseius okinawanus</i> Ehara, 1967 |
| <i>Typhlodromus takahashii</i> Ehara, 1978 | オキナワツツダニ | <i>Exothorhis okinawana</i> Ehara, 1967 |
| <i>Typhlodromus ternatus</i> Ehara, 1972 | オチカブリダニ | <i>Amblyseius ochii</i> Ehara & Yokogawa, 1977 |
| <i>Typhlodromus thailandicus</i> Ehara & Bhandhufalck, 1977 | | |
| <i>Typhlodromus vulgaris</i> Ehara, 1959 | オニカブリダニ | <i>Amblyseius firmus</i> Ehara, 1967 |
| <i>Typhlodromus wonkooi</i> Ryu & Ehara, 1992 | オニハダニ | <i>Tetranychopsis borealis</i> Ehara & Mori, 1969 |
| <i>Typhlodromus yamashitai</i> Ehara, 1972 | | |
| <i>Typhlodromus yasumatsui</i> Ehara, 1966 | カザリマヨイダニ | <i>Lasioseius sugawarai</i> Ehara, 1964 |
| <i>Typhlodromus yokogawae</i> Ehara & Hamaoka, 1980 | カシノキマタハダニ | <i>Schizotetranychus brevisetosus</i> Ehara, 1989 |
| <i>Yezonychus sapporensis</i> Ehara, 1978 | | |
| <i>Zetzellia javanica</i> Ehara & Oomen-Kalsbeek, 1983 | カズサカブリダニ | <i>Phytoseius kazusanus</i> Ehara, 1994 |
| <i>Zetzellia rugosa</i> Ehara & Oomen-Kalsbeek, 1983 | カツラマタハダニ | <i>Schizotetranychus cercidiphylli</i> Ehara, 1973 |
| | | |
| Index: Japanese names (Domestic species alone) (Japanese syllabary order) | カラマツツメハダニ | <i>Paratetranychus karamatus</i> Ehara, 1956 |
| アイヌカブリダニ | キイカブリダニ | <i>Amblyseius liturivorus</i> Ehara, 1982 |
| アラカンハダニ | キノカブリダニ | <i>Typhlodromus kiso</i> Ehara, 1972 |
| アララギナミハダニ | キタカブリダニ | <i>Amblyseius oguroi</i> Ehara, 1964 |
| アワケナガハダニ | キタナガヒシダニ | <i>Agistemus lobatus</i> Ehara, 1964 |
| アンズアケハダニ | キタミカブリダニ | <i>Typhlodromus borealis</i> Ehara, 1967 |
| イシイナミハダニ | クリノツメハダニ | <i>Oligonychus castaneae</i> Ehara & Gotoh, 2007 |
| イシカワカブリダニ | ケウスハダニ | <i>Yezonychus sapporensis</i> Ehara, 1978 |
| イシヅチカブリダニ | ケブカカブリダニ | <i>Typhlodromus yokogawae</i> Ehara & Hamaoka, 1980 |
| イソユビダニ | ケプトカブリダニ | <i>Phytoseius nipponicus</i> Ehara, 1962 |
| イナバカブリダニ | | |

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| コウズケカブリダニ | <i>Amblyseius sojaensis</i> Ehara, 1964 | トウヨウカブリダニ | <i>Amblyseius orientalis</i> Ehara, 1959 |
| コウノアケハダニ | <i>Eotetranychus asiaticus</i> Ehara, 1966 | トドマツノハダニ | <i>Paratetranychus inouei</i> Ehara, 1954 |
| コクフカブリダニ | <i>Amblyseius kokufuensis</i> Ehara & Kato, 1994 | トモエカブリダニ | <i>Phytoseius blakistoni</i> Ehara, 1966 |
| コトマタハダニ | <i>Schizotetranychus gilvus</i> Ehara & Ohashi, 2005 | ナミハダニモドキ | <i>Tetranychus pueraricola</i> Ehara & Gotoh, 1996 |
| コナラアケハダニ | <i>Eotetranychus quercifoliae</i> Ehara & Gotoh, 1997 | ナンゴクカブリダニ | <i>Amblyseius kaguya</i> Ehara, 1966 |
| コヤマカブリダニ | <i>Amblyseius koyamanus</i> Ehara & Yokogawa, 1977 | ナンゴクナミハダニ | <i>Tetranychus okinawanus</i> Ehara, 1995 |
| サイタマカブリダニ | <i>Amblyseius nemotoi</i> Ehara & Amano, 1998 | ナンポウカブリダニ | <i>Amblyseiulella amanoi</i> Ehara, 1994 |
| サガミナミハダニ | <i>Tetranychus phaselus</i> Ehara, 1960 | ニセオニカブリダニ | <i>Amblyseius neofirmus</i> Ehara & Okada, 1994 |
| ササカブリダニ | <i>Amblyseius neoparaki</i> Ehara, 1972 | ニセカツラアケハダニ | <i>Eotetranychus tsugaruensis</i> Ehara, 1989 |
| ササマルハダニ | <i>Panonychus bambusicola</i> Ehara & Gotoh, 1991 | ニセカンザワハダニ | <i>Tetranychus parakanzawai</i> Ehara, 1999 |
| サヤマタハダニ | <i>Schizotetranychus leguminosus</i> Ehara, 1973 | ニセコヤマカブリダニ | <i>Amblyseius hirotai</i> Ehara, 1985 |
| サロベツカブリダニ | <i>Amblyseius morii</i> Ehara, 1967 | ニセパイライカブリダニ | <i>Typhlodromus pseudopyri</i> Ehara & Amano, 1998 |
| シイノキマタハダニ | <i>Eotetranychus shii</i> Ehara, 1965 | ニヨゴツメハダニ | <i>Oligonychus amiensis</i> Ehara & Gotoh, 2007 |
| シガカブリダニ | <i>Amblyseius shiganus</i> Ehara, 1972 | ノコギリカブリダニ | <i>Typhlodromus kishimotoi</i> Ehara & Amano, 2006 |
| シコクカブリダニ | <i>Phytoseius capitatus</i> Ehara, 1966 | ハナガサヒメハダニ | <i>Tenuipalpus boninensis</i> Ehara, 1982 |
| シバズジナガヒシダニ | <i>Gymnostigmaeus akaminei</i> Ehara & Ueckermann, 2006 | ハマナスカブリダニ | <i>Amblyseius maritimus</i> Ehara, 1967 |
| シバタマヨイダニ | <i>Lasioseius japonicus</i> Ehara, 1965 | パラキカブリダニ | <i>Amblyseius paraki</i> Ehara, 1967 |
| シバホソヒメハダニ | <i>Dolichotetranychus zoysiae</i> Ehara, 2004 | バラトカブリダニ | <i>Typhlodromus takahashii</i> Ehara, 1978 |
| シマモリカブリダニ | <i>Okiseius subtropicus</i> Ehara, 1967 | ヒゴカブリダニ | <i>Typhlodromus higoensis</i> Ehara, 1985 |
| シュレイカブリダニ | <i>Phytoseius ikeharai</i> Ehara, 1967 | ヒノキカブリダニ | <i>Amblyseius hinoki</i> Ehara, 1972 |
| シンシュウカブリダニ | <i>Typhlodromus kadonoi</i> Ehara, 1994 | ヒメイソテングダニ | <i>Bdella uchidai</i> Ehara, 1961 |
| スギノハダニ | <i>Paratetranychus hondoensis</i> Ehara, 1954 | ヒメカエデアケハダニ | <i>Eotetranychus spectabilis</i> Ehara, 1987 |
| ススキツメハダニ | <i>Oligonychus rubicundus</i> Ehara, 1971 | ヒメササマタハダニ | <i>Schizotetranychus recki</i> Ehara, 1957 |
| スナヒメハダニ | <i>Aegyptobia arenaria</i> Ehara, 1982 | ヒメミドリハダニ | <i>Sasanychus pusillus</i> Ehara & Gotoh, 1987 |
| セトカブリダニ | <i>Typhlodromus insularis</i> Ehara, 1966 | ヒメユリカブリダニ | <i>Typhlodromus miyarai</i> Ehara, 1967 |
| ソウヤカブリダニ | <i>Phytoseius campestris</i> Ehara, 1967 | ヒラシマカブリダニ | <i>Typhlodromus hirashimai</i> Ehara, 1972 |
| タカネカブリダニ | <i>Amblyseius alpicola</i> Ehara, 1982 | ヒレカブリダニ | <i>Phytoseius huangi</i> Ehara, 1970 |
| タケカブリダニ | <i>Typhlodromus bambusae</i> Ehara, 1964 | フシカブリダニ | <i>Typhlodromus serrulatus</i> Ehara, 1972 |
| タテシナカブリダニ | <i>Phytoseius quercicola</i> Ehara, 1994 | フツウカブリダニ | <i>Typhlodromus vulgaris</i> Ehara, 1959 |
| タマゲカブリダニ | <i>Typhlodromus armiger</i> Ehara & Amano, 1998 | ブナカツメハダニ | <i>Oligonychus gotohi</i> Ehara, 1999 |
| チンジュカブリダニ | <i>Typhlodromus silvanus</i> Ehara & Kishimoto, 1994 | ホオノキアケハダニ | <i>Eotetranychus toyoshimai</i> Ehara & Gotoh, 2006 |
| ツバキツメハダニ | <i>Oligonychus camelliae</i> Ehara & Gotoh, 2007 | ホソカブリダニ | <i>Phytoseius tenuiformis</i> Ehara, 1978 |
| デイリカブリダニ | <i>Amblyseiulella yaeyamana</i> Ehara & Amano, 2002 | ホツカイカブリダニ | <i>Phytoseius kishii</i> Ehara, 1967 |
| | | マクワカブリダニ | <i>Amblyseius makuwa</i> Ehara, 1972 |
| | | マツツメハダニ | <i>Paratetranychus clavatus</i> Ehara, 1959 |
| | | マルビラハダニ | <i>Bryobia japonica</i> Ehara & Yamada, 1968 |
| | | マレーシアツメダニ | <i>Hemicheyletia morii</i> Ehara, 1988 |
| | | ミズキアケハダニ | <i>Eotetranychus cornicola</i> Ehara, 1989 |

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| ミズナラクダハダニ | <i>Tetranychus quercivorus</i> Ehara & Gotoh, 1990 | モクセイマルハダニ | <i>Panonychus osmanthi</i> Ehara & Gotoh, 1996 |
| ミスマイナミハダニ | <i>Tetranychus misumaiensis</i> Ehara & Gotoh, 2007 | ヤスマツカブリダニ | <i>Typhlodromus yasumatsui</i> Ehara, 1966 |
| ミソカブリダニ | <i>Typhlodromus shibai</i> Ehara, 1981 | ヤノカブリダニ | <i>Amblyseius yanoi</i> Ehara, 1972 |
| ミチノクアケハダニ | <i>Eotetranychus geniculatus</i> Ehara, 1969 | ヤマトカブリダニ | <i>Typhlodromus japonicus</i> Ehara, 1958 |
| ミチノクカブリダニ | <i>Amblyseius tsugawai</i> Ehara, 1959 | ヤマトテングダニ | <i>Thoribdella japonica</i> Ehara, 1961 |
| ミツユビナミハダニ | <i>Tetranychus takafujii</i> Ehara & Ohashi, 2002 | ヨコアミカブリダニ | <i>Phytoscutus japonicus</i> Ehara & Kishimoto, 2007 |
| ミドリハダニ | <i>Panonychus (Sasanychus) akitanus</i> Ehara, 1978 | リクチュウカブリダニ | <i>Typhlodromus moricola</i> Ehara & Toyoshima, 2006 |
| ミヤケアケハダニ | <i>Eotetranychus kankitus</i> Ehara, 1955 | リュウキュウカブリダニ | <i>Typhlodromus ryukyuensis</i> Ehara, 1967 |
| ミヤマカブリダニ | <i>Amblyseius haimatus</i> Ehara, 1967 | リュウキュウツメハダニ | <i>Oligonychus tsudomei</i> Ehara, 1966 |
| ムクノキアケハダニ | <i>Eotetranychus nomurai</i> Ehara, 1989 | | |