

ホオノキカブリダニ

Neoseiulus repletus (Wu & Li)

分類：ムチカブリダニ亜科，ウスカブリダニ属

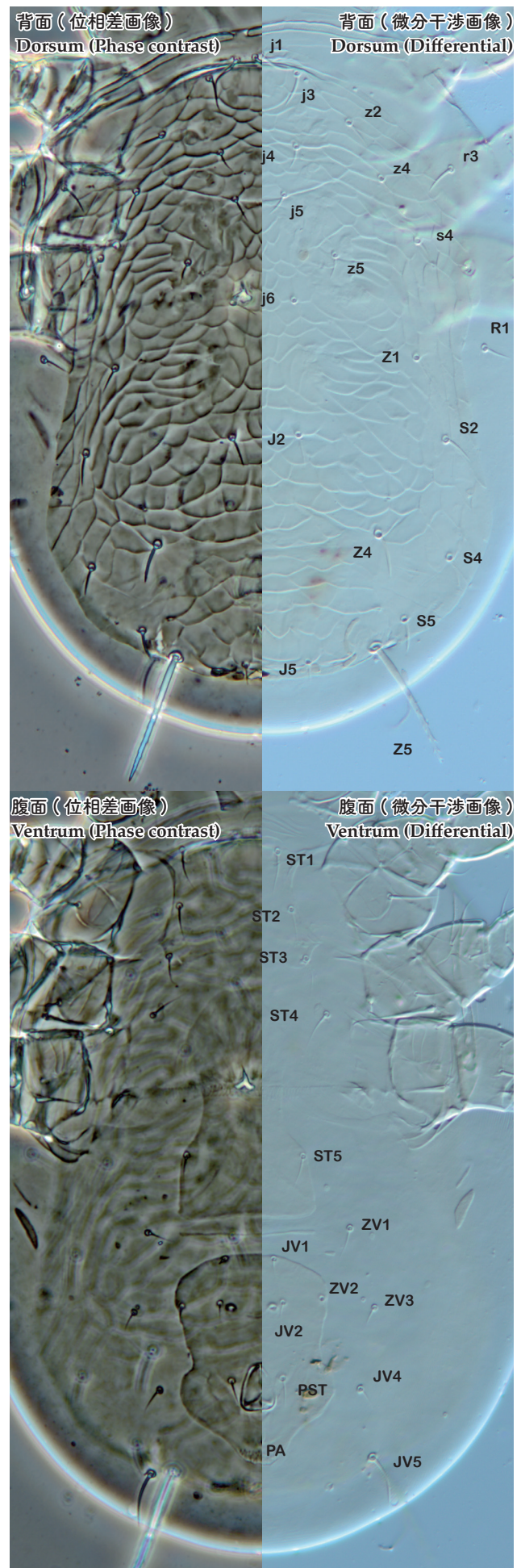
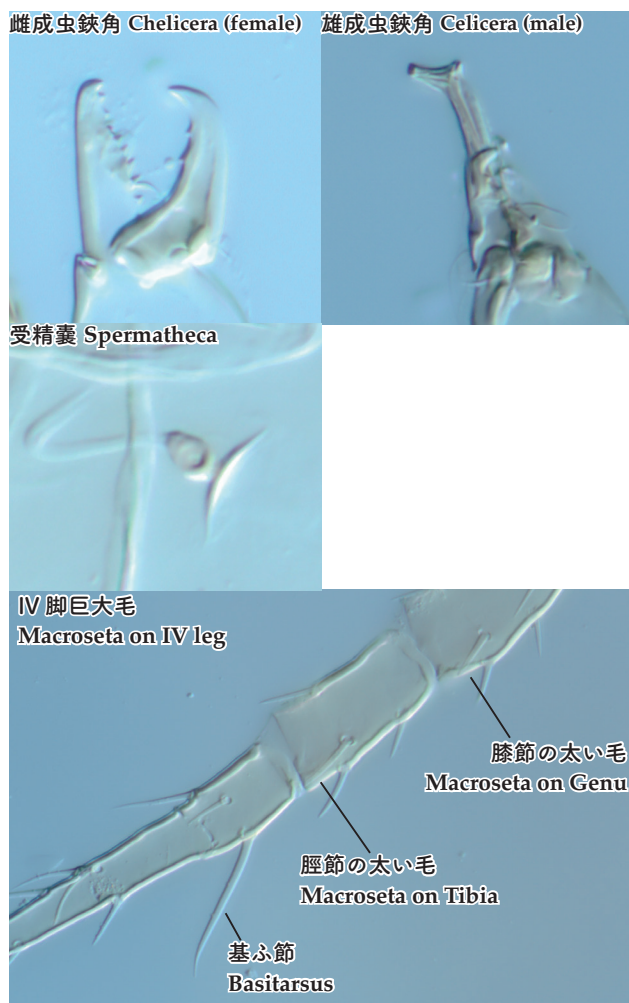
Chant & McMurtry (2005) によればミツカブリダニ属。

Ryu (1993) によれば，*repletus* は *A. quaesitus* のシノニム。

採集記録：北海道 (1)，青森 (5)，秋田 (2)，茨城 (1)，福井 (1)，愛知 (4)，京都 (2)，長崎 (1)，中国 (カッコ内数は雌成虫数)

寄主植物：アカメガシワ (1)，カンキツ (1)，クワ (1)，ホオノキ (14) (カッコ内は雌成虫数)

形態の特徴：背板表面の模様は明瞭。側列毛は 4 本 (j3, z2, z4, s4) で，胸背毛はムチカブリダニ亜科の基本パターン。Z5 は顕著で鋸歯があり，その他の胸背毛はほとんど同じ長さで鋸歯はない。周気管先端は直線的に j1 の前方で対向する。鉗角固定指の歯は 9 本 (ミツカブリダニ属の定義)。胸板は長さよりも幅が広い。腹肛板は五角形。第 IV 脚基ふ節に巨大毛が 1 本ある。III 脚・IV 脚の脛節と膝節には太い毛が 1 本ずつある (巨大毛として計数すればミツカブリダニ属に含まれる)。受精囊頸部は杯状で，連結部は明瞭。♂ 鉗角担精指は直線型。



Neoseiulus repletus

Authority : Wu and Li (1985)

Family : Phytoseiidae

Subfamily : Amblyseiinae

Genus : *Neoseiulus*

Definition by Ehara and Amano (2004)

Typhlodromips repletus

Authority : Wu and Li (1985)

Family : Phytoseiidae

Subfamily : Amblyseiinae

Tribe : Typhlodromipsini

Genus : *Typhlodromips*

Species group : *culmulus*

Different definition by Chant & McMurtry (2005)

Typhlodromips quaesitus

Authority : Wainstein & Beglyarov (1971)

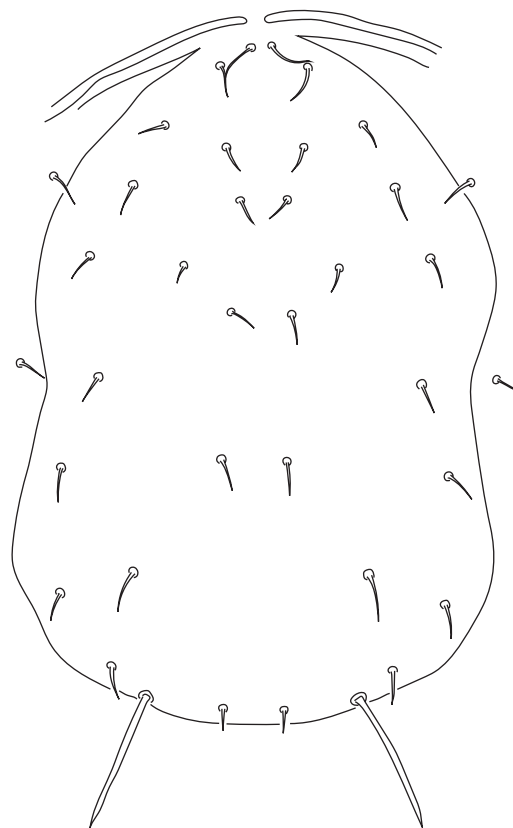
Family : Phytoseiidae

Subfamily : Amblyseiinae

Genus : *Typhlodromips*

Different definition by Ryu (1993)

* *repletus* is considered as junior synonym of *quaesitus* (Wainstein & Beglyarov) 1971, by Ryu & Ehara (1991), Ryu (1993) and also by Prasad (2012)



JPN name : Hoonoki-kaburidani

First collection : Kita-shitara-gun, Aichi, 10-X-2002, on *Magnolia hypoleuca* Sieb. et Zucc. Kita-kuwada-gun, Kyoto, 2-X-2002, on *Magnolia hypoleuca* (Ehara & Amano, 2004).

Setal code : 10A:9B (dorsum) / JV-3:ZV (ventrum)

Measurements (μm) : idiosoma length 372, idiosoma width 283, Dorsal shield length 346, Dorsal shield width 228, j1 16.3 ± 0.5 , j3 17.6 ± 0.2 , j4 10.5 ± 0.3 , j5 9.9 ± 0.3 , j6 10.7 ± 0.3 , J2 13.1 ± 0.4 , J5 9.8 ± 0.1 , z2 12.7 ± 0.2 , z4 13.4 ± 0.2 , z5 10.6 ± 0.2 , Z1 12.5 ± 0.4 , Z4 18.7 ± 0.8 , Z5 60.5 ± 0.5 , s4 15.3 ± 0.3 , S2 13.8 ± 0.3 , S4 13.3 ± 0.3 , S5 13.4 ± 0.3 , r3 14.8 ± 0.3 , R1 12.2 ± 0.3 , JV5 22.7 ± 0.5 , macroseta on basitarsus IV 27.1 ± 0.2 (Ehara and Amano, 2004)

Similar sp. : *Neoseiulus hinoki* (Ehara) 1972

Distribution : Japan (Hokkaido, Aomori, Akita, Fukui, Aichi, Kyoto, Nagasaki), China

Plants : *Mallotus japonicus* (Thunb.) Müll.Arg., *Citrus* sp., *Morus australis* Poir., *Magnolia obovata* Thunb., *Magnolia hypoleuca* Sieb. et Zucc.

References : Wainstein BA, Beglyarov GA (1971) New species of the genus *Amblyseius* (Parasitiformes: Phytoseiidae) from the Primorsky Territory [in Russian]. Zool. Zhurn. 50: 1803-1812. Wu WN, Li Z (1985) Three new species of the genus *Amblyseius* Berlese from South China (Acarina: Phytoseiidae). Acta Zootaxonomica Sinica, 10: 268-272 [In Chinese with English summary]. Ryu MO, Ehara S (1991) Three phytoseiid mites from Korea (Acari: Phytoseiidae). Acta Arch., 40(1): 23-30. Ryu MO (1993) A review of the Phytoseiidae (Mesostigmata: Acarina) from Korea. Insecta Korea 10: 92-137. Ehara S, Amano H (2004) Checklist and keys to Japanese Amblyseiinae (Acari: Gamasina: Phytoseiidae). J. Acarol. Soc. Jpn 13(1): 1-30. Chant DA, McMurtry JA (2005) A review of the subfamily Amblyseiinae Muma (Acari: Phytoseiidae):

Part VII. Typhlodromipsini n. tribe. Int. J. Acarol. 31(4) : 315-340. Prasad V (2012) Checklist of Phytoseiidae of the World. (Acari: Mesostigmata) 1034p. Indira Publishing House, MI.