

ホウレンソウカブリダニ *Neoseiulus harrowi* (Collyer)

分類 : ムチカブリダニ亜科, ウスカブリダニ属

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寄主植物 : ホウレンソウ

形態の特徴 : 背板表面の網目模様は不明瞭. 側列毛は4本 (j3, z2, z4, s4) で, 胴背毛はムチカブリダニ亜科の基本パターン. 胴背毛はやや短めで, Z5は31 μ m, その他は10 μ m ~ 22 μ m. 周気管先端はj1の前方で直線的に対向する. 腹肛板はホームベース型または五角形. 腹肛板の前半部分に前肛毛3対 (JV1, JV2, ZV2) があり, 小孔はJV2の後方よりやや内側にある. 第IV脚の基ふ節に巨大毛が1本ある. 受精嚢頸部は細長く, 先端がやや広がる.

雌成虫鉗角 Chelicera (female)



受精嚢 Spermatheca

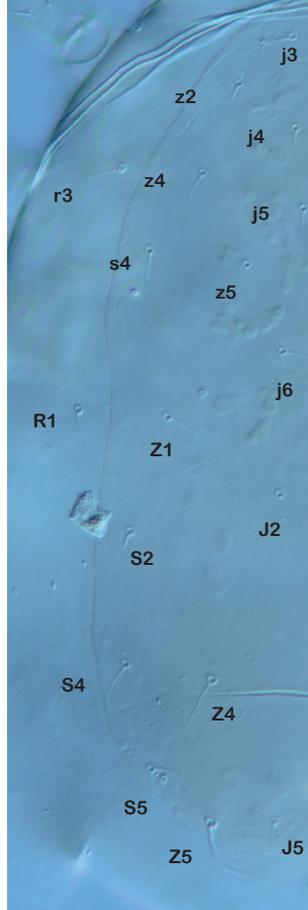


IV脚巨大毛
Macrosetae on leg IV

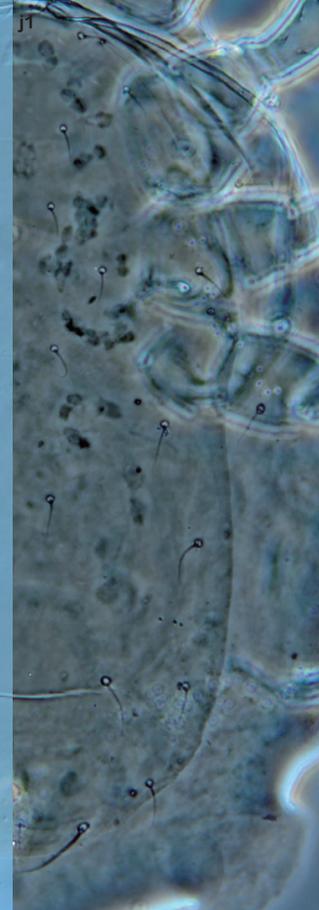


基ふ節
Basitarsus

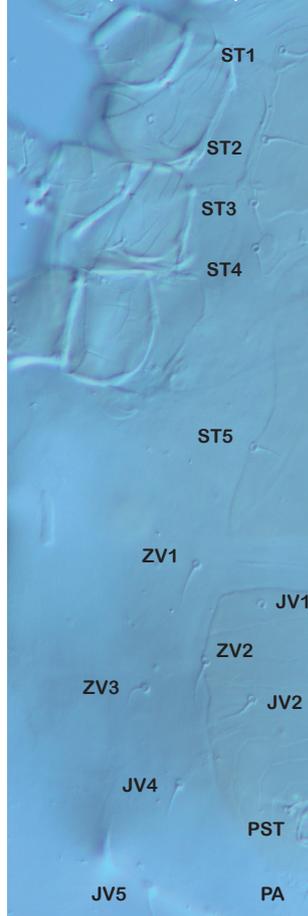
背面 (微分干渉画像)
Dorsum (Differential)



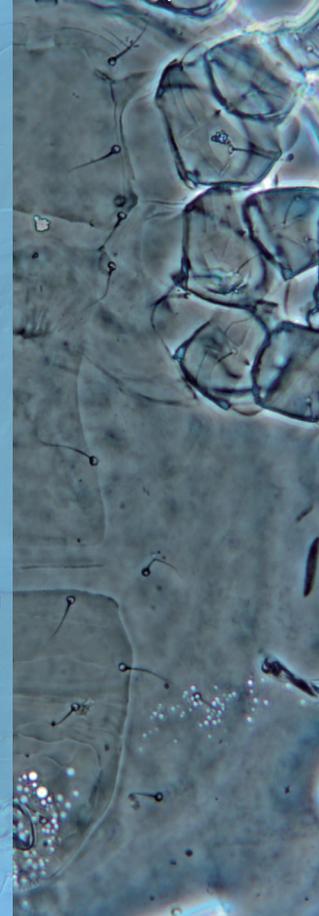
背面 (位相差画像)
Dorsum (Phase contrast)



腹面 (微分干渉画像)
Ventrum (Differential)



腹面 (位相差画像)
Ventrum (Phase contrast)



Neoseiulus harrowi

Authority : Collyer (1964)
Family : Phytoseiidae
Subfamily : Amblyseiinae
Genus : *Neoseiulus*

JPN name : Horenso-kaburidani

First collection : Uda, Nara, 09-XII-2008, in soil samples of spinach greenhouses (Amano et al, 2011).

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

Measurements (μm) : Dorsal plate length ???, Dorsal plate width ???, j1 14, j3 17, j4 14, j5 14, j6 16, J2 19, J5 10, z2 16, z4 17, z5 16, Z1 17, Z4 22, Z5 31, s4 19, S2 19, S4 18, S5 17, r3 16, R1 14, JV5 ??, macroseta basitarsus 46 (Amano et al, 2011)

Similar sp. : *Amblyseius salish* Chant and Hansell 1971 (synonymised by Schicha (1983))

Distribution : Japan (Nara, Gifu), Australia, New Zealand

Plants : soil samples in spinach greenhouses

References : Amano H, Kawashima M, Matsumura M, Saito M, Toyoshima S (2011) Description of an unrecorded phytoseiid mite, *Neoseiulus harrowi* (Collyer), from Japanese spinach greenhouses. Journal of the Acarological Society of Japan 20 (2): 95-102. Collyer E (1964) The occurrence of some mites of the family Phytoseiidae in New Zealand, and descriptions of seven new species. Acarologia 6(4): 632-646. Schicha E (1980) Two new species of phytoseiid mites from Australia and redescription of six from New Zealand and Japan. General and Applied Entomology 12: 16-31. Schicha E (1983) New species, new records, and redescription of phytoseiid mites from Australia, Tahiti and the African regions (Acari: Phytoseiidae). International Journal of Entomology 25: 103-126. Beard JJ (2001) A review of Australian *Neoseiulus* Hughes and *Typhlodromips* de Leon (Acari: Phytoseiidae: Amblyseiinae). Invertebrate Taxonomy 15: 73-158.

Amano, H., M. Kawashima, M. Matsumura, M. Saito and S. Toyoshima (2011) Description of an unrecorded phytoseiid mite, *Neoseiulus harrowi* (Collyer), from Japanese spinach greenhouses.

ダニ学会誌, 20 卷 2 号 : 95-102, の図 1 と図 2 の一部を
改変して掲載.

