

アンダソニカブリダニ *Amblyseius andersoni* (Chant)

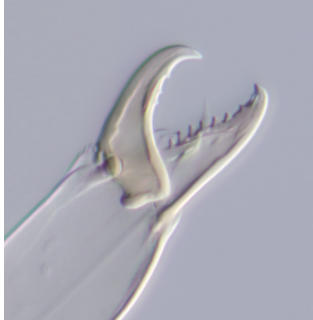
分 類 : ムチカブリダニ亜科, ムチカブリダニ属

採集記録: 長野 (58)

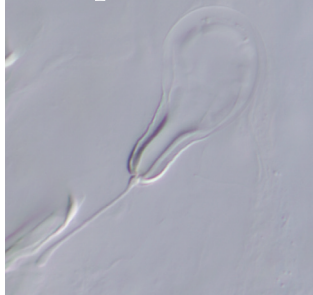
寄主植物: リンゴ (55), アンズ (3)

形態の特徴: 背板表面はなめらか. 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 は長く (144 μ m), 次いで, s4 (78 μ m), Z4 (72 μ m), j3 (50 μ m), j1 (27 μ m) も長い. その他の胸背毛は短い (6 μ m ~ 24 μ m). 周気管先端はj1 の前方で対向する. 腹肛板はホームベース形か五角形. 腹肛板の前半部分に前肛毛3対 (JV1, JV2, ZV2) と小孔がある. 第IV脚膝節, 脛節, 基ふ節に巨大毛がある. 受精嚢頸部はU字状.

雌成虫鉗角 Chelicera (female)



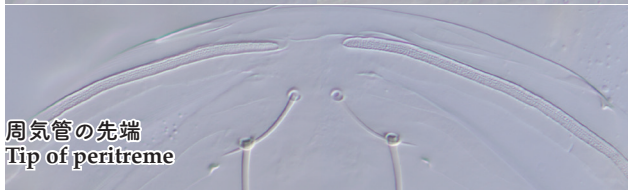
受精嚢 Spermatheca



受精嚢と精包 Spermathecae & Spermatophore



周気管の先端
Tip of peritreme

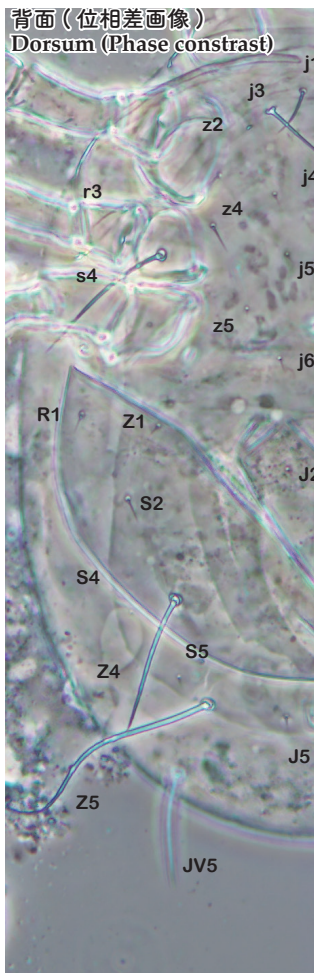


脛節 Tibia
膝節 Genu
基ふ節 Basitarsus

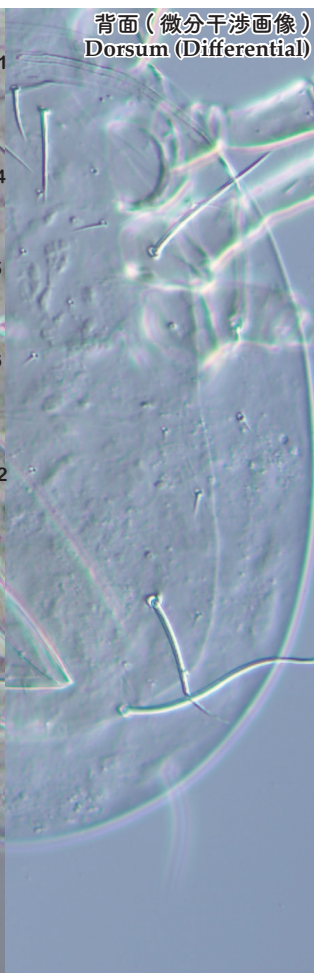


IV 脚巨大毛
Macrosetae on leg IV

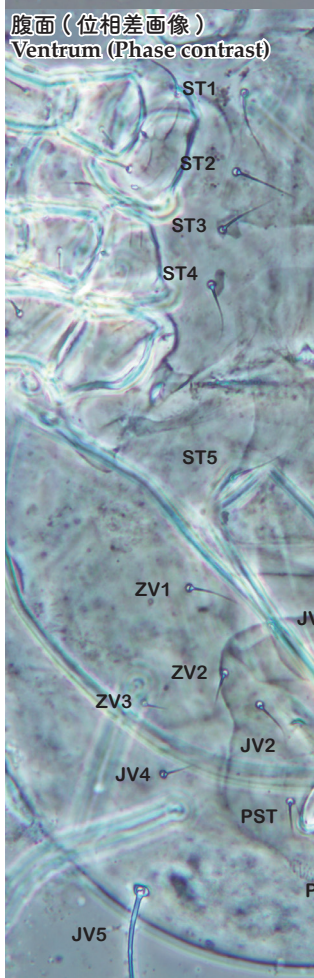
背面 (位相差画像)
Dorsum (Phase contrast)



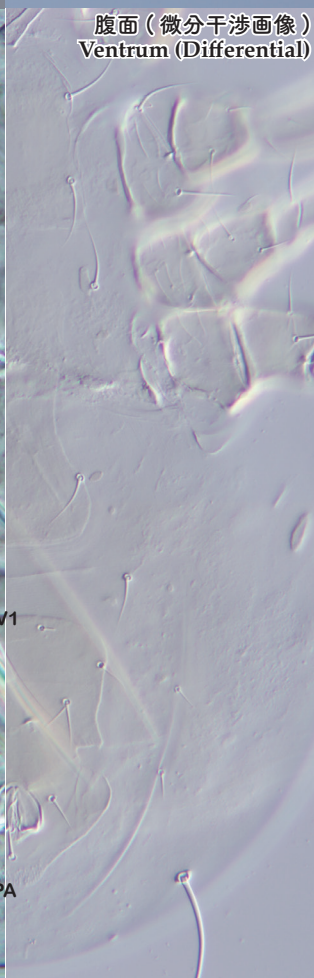
背面 (微分干渉画像)
Dorsum (Differential)



腹面 (位相差画像)
Ventrum (Phase contrast)



腹面 (微分干渉画像)
Ventrum (Differential)



Amblyseius andersoni

Authority : Chant 1957

Family : Phytoseiidae

Subfamily : Amblyseinae

Genus : *Amblyseius*

JPN name : Andasoni-kaburidani

First collection : Saku, Nagano, 9-VI-2014, on apple
(Toyoshima, Kishimoto, Kaneko, Amano, 2016)

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

Measurements 1 (μm) : Dorsal shield length 342, Dorsal shield width 227, j1 27, j3 50, j4 7, j5 6, j6 8, J2 8, J5 8, z2 12, z4 17, z5 6, Z1 9, Z4 72, Z5 144, s4 78, S2 15, S4 9, S5 8 r3 24, R1 13, JV5 70, IV-leg macroseta genu 63, tibia 51, basitarsus 67 (Toyoshima, Kishimoto, Kaneko, Amano, 2016)

Measurements 2 (μm) : Idiosomal length 330, Idiosomal width 204, j1 30, j3 57, j4 6, j5 6, j6 7, J2 8, J5 8, z2 11, z4 14, z5 6, Z1 19, Z4 75, Z5 197, s4 88, S2 11, S4 11, S5 7 (Denmark, Muma, 1989)

Similar sp. : *Amblyseius ishizuchiensis* Ehara 1972 *Amblyseius kaguya* Ehara 1966, *Amblyseius rademacheri* Dosse 1958, *Amblyseius shiganus* Ehara 1972, *Amblyseius tsugawai* Ehara 1959

Distribution : Japan (Nagano), North America, European & Arabian countries

Plants : Apple, Apricot

References : Toyoshima S, Kishimoto H, Kaneko M, Amano H (2016) Occurrence of *Amblyseius andersoni* (Chant) (Acari: Phytoseiidae) in deciduous fruit tree orchards in Japan. Journal of the Acarological Society of Japan 25(1): 37-43. Chant DA (1957) Description of some phytoseiid mites (Acarina: Phytoseiidae). Part I. Nine new speices from British Columbia with keys to the species of British Columbia. Part II. Redescriptions of eight species described by Berlese. The Canadian Entomologist 89(7): 289-308. Denmark HA, Muma HM (1989) A revision of the genus *Amblyseius* Berlese, 1914 (Acari: Phytoseiidae). Occasional Papers of the Florida State Collection of Arthropods 4: 1-149.

