

オニカブリダニ

Amblyseius firmus Ehara

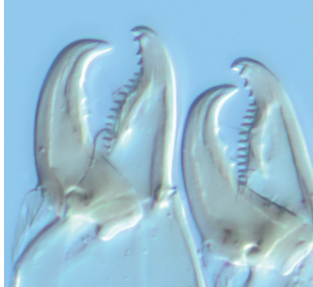
分類：ムチカブリダニ亜科，ムチカブリダニ属

採集記録：岡山 (1)，北海道，中国

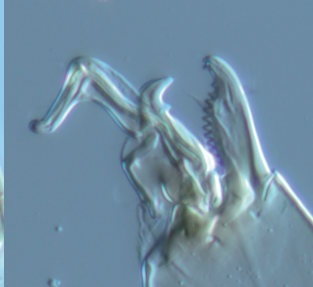
寄主植物：ダイヤモンドソウ (1)，コブシ，ヤマドリゼンマイ

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 (236 μ m)，次いで，Z4 (157 μ m)，s4 (103 μ m)，j3 (31 μ m)，j1 (29 μ m) も長い。その他の胸背毛は短い (6 μ m ~ 13 μ m)。周気管先端はj1の前方で対向し，やや内側に曲がる。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。受精嚢頸部は漏斗状で，くびれがある。

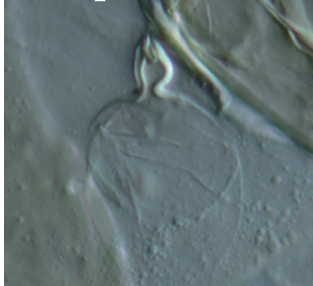
雌成虫鉗角 Chelicera (female)



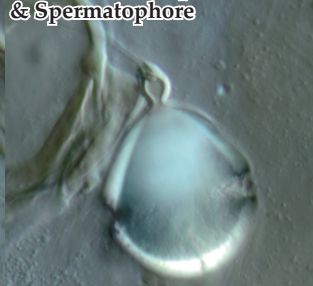
雄成虫鉗角 Chelicera (male)



受精嚢 Spermatheca



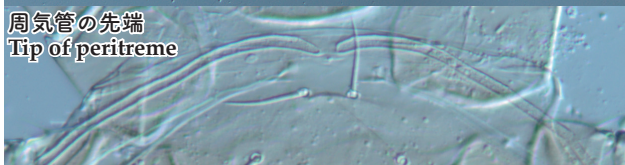
受精嚢と精包 Spermathecae & Spermatophore



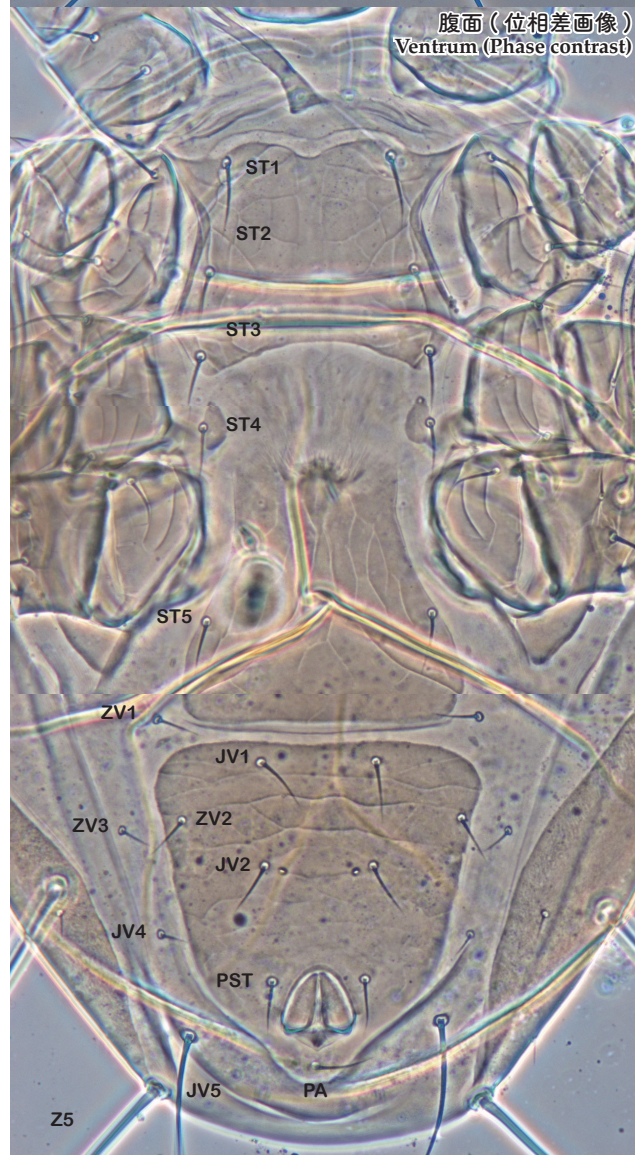
背面 (微分干渉画像)
Dorsum (Differential)



周気管の先端
Tip of peritreme



背面 (位相差画像)
Dorsum (Phase contrast)



腹面 (位相差画像)
Ventrum (Phase contrast)

Amblyseius firmus

Authority : Ehara 1967

Family : Phytoseiidae

Subfamily : Amblyseinae

Genus : *Amblyseius*

JPN name : Oni-kaburidani

First collection : Hidaka, Hokkaido, 23-24-VII-1966, on *Magnolia kobus* and on *Osmunda cinnamomea* (Ehara, 1967)

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

Measurements (μm) : Idiosomal length 370, Idiosomal width 300, j1 29, j3 31, j4 6, j5 6, j6 7, J2 9, J5 6, z2 6, z4 6, z5 6, Z1 9, Z4 157, Z5 236, s4 103, S2 13, S4 11, S5 10 r3 11, R1 9, JV5 58, macroseta genu 101, tibia 75, basitarsus 63 (Ehara, 1967).

Measurements 2 (μm) : Idiosomal length 361, Idiosomal width 285, j1 30, j3 32, j4 6, j5 6, j6 6, J2 6, J5 8, z2 6, z4 6, z5 6, Z1 11, Z4 165, Z5 251, s4 105, S2 11, S4 11, S5 11 macroseta genu 102, tibia 84, basitarsus 71 (Denmark & Muma, 1989)

Similar sp. : *Amblyseius saurus* De Leon 1962, *Amblyseius krantzi* (Chant) 1959

Distribution : Japan (Hokkaido, Okayama), China

Plants : *Saxifraga fortunei* var. *alpina*, *Magnolia kobus*, *Osmunda cinnamomea*

References : Ehara S (1967) Phytoseiid mites from Hokkaido (Acarina: Mesostigmata). Journal of the Faculty of Science Hokkaido University Series 6. Zoology 16(2):212-233.
Denmark HA, Muma MH (1989) A revision of the genus *Amblyseius* Berlese, 1914 (Acari: Phytoseiidae). Occasional papers of the Florida State Collection of Arthropodas 4: 1-149.

