Supplement 1. Story of discovering the "undescribed species" on Twitter (by SS, one of authors) with screenshots of TN's (one of authors) four tweets on PC browser.

TN twitted "Here is an oribatid mite, this video is just walking oribatid mites" (#1\_twitter\_5\_May\_2019\_9\_27\_pm.jpg) on Twitter at 9:27 pm on 5 May 2019.

SS checked TN's tweet and gave some comment on it. And SS found TN's previous tweet at 8:28 pm on 5 May 2019 with a photograph of oribatid mite colony in a small crack between a car chock and the concrete floor of the wharf (#2\_twitter\_5\_May\_2019\_8\_28\_pm.jpg). In this time, SS realized they are *Ameronothrus* species. SS send private message to TN for cooperation to let him know location details via Twitter messenger.

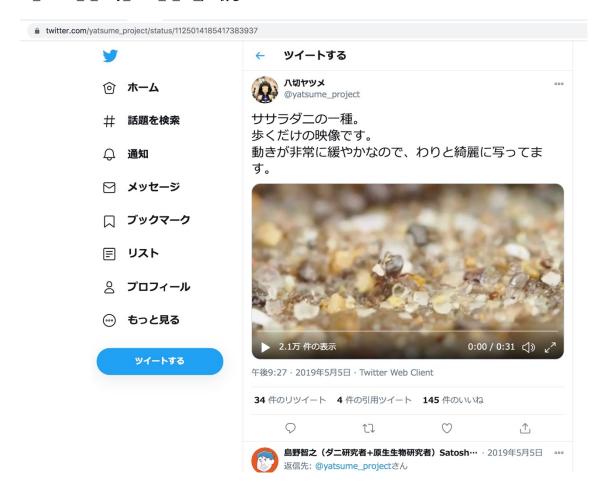
Before the two tweets, TN twitted twice about same oribatid species but SS did not find his tweets at that time (#3\_twitter\_2\_May\_2019\_0\_09\_pm.jpg, #4\_twitter\_2\_May\_2019\_7\_02\_pm.jpg).

He noted that the *Ameronothrus* (newly discovered by Pfingstl et al 2019 in Hokkaido, northern Japan) in the photograph had not yet been found in Central Japan, and that the place where the photograph was taken was apparently the southern limit of its distribution. In addition, the environment is artificial and not permanently sheltered by waves, which suggests a distinctly different behavior from that of other species just discovered in Japan.

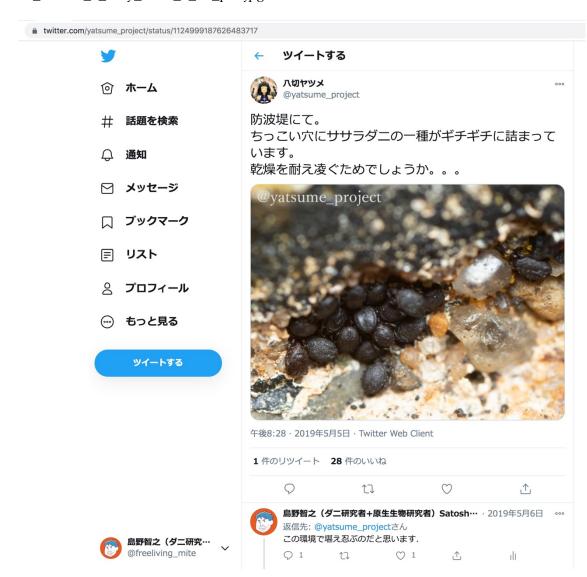
SS immediately decided to collect it. After 3 days, in 8 May 2019, SS got on a long way bus and went to Choshi-Gaikou, Chiba, which took him 3 hours and 30 minutes and there he took the samples.

At that time, SS did not know TN in real world and did not know his mobile number. So, SS used Twitter messenger for finding the exact point where the original photograph was taken. SS found exactly the same small crack between a car chock and the wharf where the mites were present.

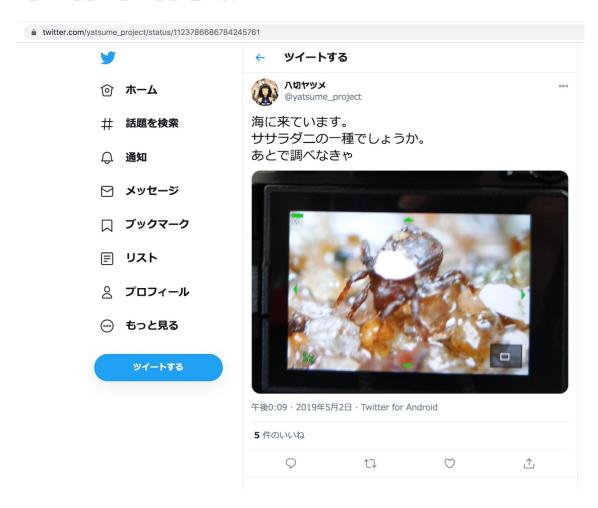
## #1\_twitter\_5\_May\_2019\_9\_27\_pm.jpg



## #2\_twitter\_5\_May\_2019\_8\_28\_pm.jpg



## #3\_twitter\_2\_May\_2019\_0\_09\_pm.jpg



## #4\_twitter\_2\_May\_2019\_7\_02\_pm.jpg

