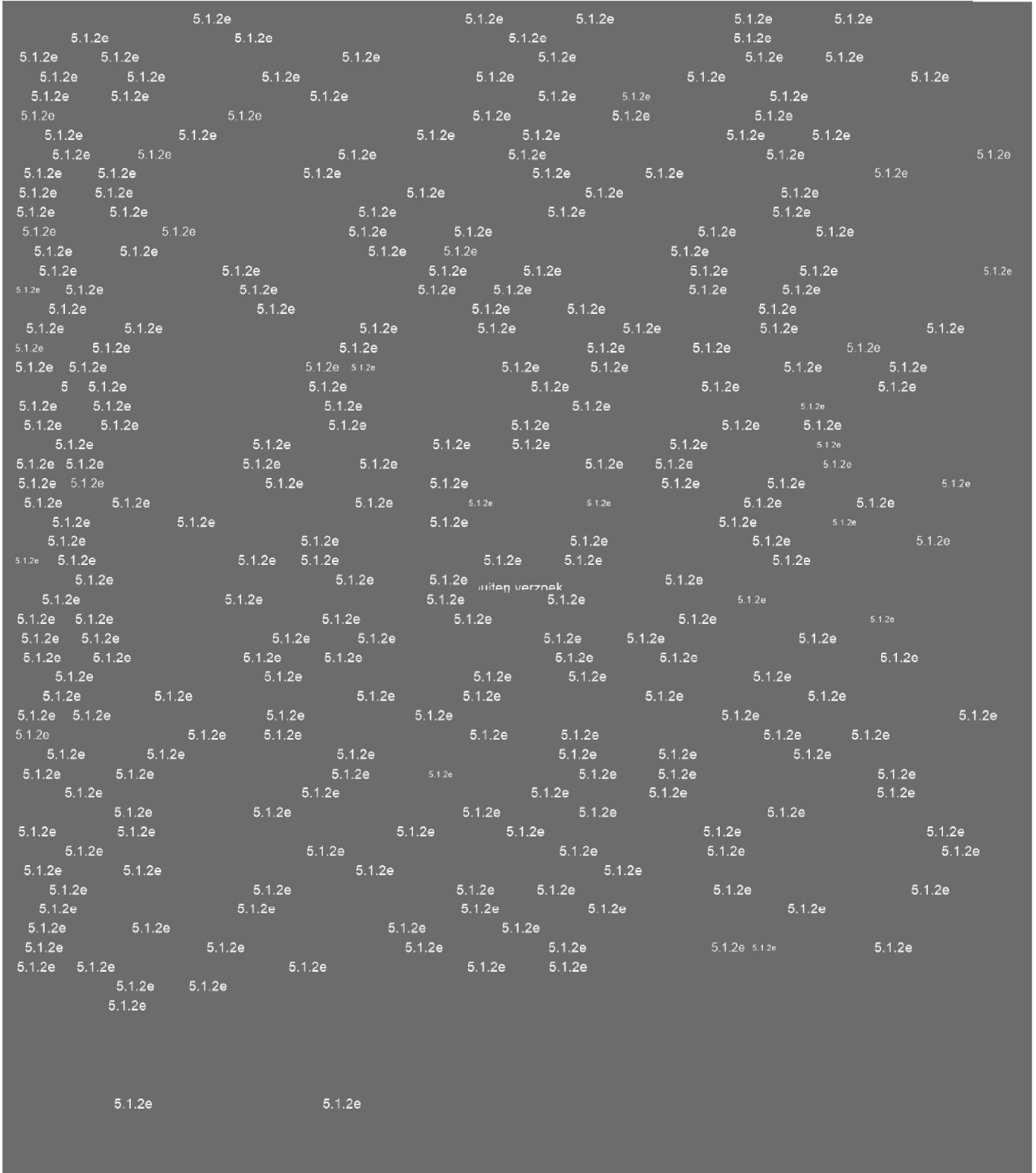




----- Original message -----

From: 鈴木聡 <[REDACTED]@ehime-u.ac.jp>

Date: 2020-04-11 9:08 p.m. (GMT-05:00)

To: [REDACTED] <[REDACTED]@ub.edu>, [REDACTED] <[REDACTED]@gmail.com>, [REDACTED]
([REDACTED]@unilever.com)" <[REDACTED]@unilever.com>, [REDACTED]

< 5.1.2e @quadram.ac.uk>, 5.1.2e @york.ac.uk, 5.1.2e < 5.1.2e @cseindia.org>, " 5.1.2e
 (5.1.2e @vt.edu)" < 5.1.2e @vt.edu>, 5.1.2e < 5.1.2e @rivm.nl>, " 5.1.2e
 5.1.2e (5.1.2e @irsa1.irsa.cnr.it)" < 5.1.2e @irsa1.irsa.cnr.it>, " 5.1.2e " < 5.1.2e @env.dtu.dk>, " 5.1.2e
 (5.1.2e @sz.tsinghua.edu.cn)" < 5.1.2e @sz.tsinghua.edu.cn>, 5.1.2e ICRA < 5.1.2e @icra.cat>, 5.1.2e
 5.1.2e < 5.1.2e @nwu.ac.za>, 5.1.2e < 5.1.2e @gmail.com>, 5.1.2e
 < 5.1.2e @porto.ucp.pt>, 5.1.2e < 5.1.2e @cau.ac.kr>, " 5.1.2e (5.1.2e @zoetis.com)"
 < 5.1.2e @zoetis.com>, " 5.1.2e (5.1.2e @tennessee.edu)" < 5.1.2e @tennessee.edu>, " 5.1.2e
 (AAFC/AAC)" < 5.1.2e @canada.ca>, 5.1.2e < 5.1.2e @newcastle.ac.uk>, 5.1.2e
 < 5.1.2e @dpi.nsw.gov.au>, " 5.1.2e < 5.1.2e @unican.es>, 5.1.2e
 5.1.2e @nuigalway.ie>, " 5.1.2e (HC/SC)" < 5.1.2e @canada.ca>, " 5.1.2e
 (5.1.2e @ucy.ac.cy)" < 5.1.2e @ucy.ac.cy>, 5.1.2e < 5.1.2e @chu-besancon.fr>, 5.1.2e
 5.1.2e @roche.com>, 5.1.2e @nottingham.ac.uk>, 5.1.2e < 5.1.2e @volcani.agri.gov.il>,
 " 5.1.2e (5.1.2e @gmail.com)" < 5.1.2e @gmail.com>, 5.1.2e < 5.1.2e @vt.edu>, 5.1.2e
 < 5.1.2e @lboro.ac.uk>, " 5.1.2e @xmu.edu.cn)" < 5.1.2e @xmu.edu.cn>, 5.1.2e
 < 5.1.2e @gmail.com>, 5.1.2e < 5.1.2e @nuim.ie>, 5.1.2e @teagasc.ie>, " 5.1.2e
 < 5.1.2e @exeter.ac.uk>, 5.1.2e < 5.1.2e @kwrwater.nl>, 5.1.2e < 5.1.2e @cnr.it>,
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 < 5.1.2e @fao.org>, 5.1.2e < 5.1.2e @sica.edu.cn>, 5.1.2e < 5.1.2e @gmail.com>, 5.1.2e
 < 5.1.2e @ars.usda.gov>, " 5.1.2e - ARS" < 5.1.2e @ARS.USDA.GOV>, 5.1.2e
 < 5.1.2e @u.washington.edu>, " 5.1.2e (5.1.2e @helsinki.fi)" < 5.1.2e @helsinki.fi>, 5.1.2e
 < 5.1.2e @mq.edu.au>, 5.1.2e < 5.1.2e @des.ecnu.edu.cn>, " 5.1.2e
 (5.1.2e @gmail.com)" < 5.1.2e @gmail.com>, 5.1.2e < 5.1.2e @ualberta.ca>, 5.1.2e
 < 5.1.2e @gmail.com>, 5.1.2e < 5.1.2e @vmd.gov.uk>, 5.1.2e < 5.1.2e @oie.int>, 5.1.2e
 < 5.1.2e @ecdc.europa.eu>, " 5.1.2e " < 5.1.2e @gmail.com>, " 5.1.2e (5.1.2e @ec-
 lyon.fr)" < 5.1.2e @ec-lyon.fr>, 5.1.2e < 5.1.2e @vmd.gov.uk>, 5.1.2e
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 < 5.1.2e @fda.hhs.gov>, " 5.1.2e (5.1.2e @uts.edu.au)" < 5.1.2e @uts.edu.au>, 5.1.2e
 5.1.2e (5.1.2e @univ-lyon1.fr)" < 5.1.2e @univ-lyon1.fr>, " 5.1.2e (EC)"
 < 5.1.2e @canada.ca>, 5.1.2e < 5.1.2e @gmail.com>, 5.1.2e
 < 5.1.2e @salud.madrid.org>, " 5.1.2e (5.1.2e @gmail.com)" < 5.1.2e @gmail.com>, " 5.1.2e
 5.1.2e (5.1.2e @dpes.gu.se)" < 5.1.2e @dpes.gu.se>, 5.1.2e < 5.1.2e @tu-
 dresden.de>, " 5.1.2e (5.1.2e @bvl.bund.de)" < 5.1.2e @bvl.bund.de>, " 5.1.2e
 (5.1.2e @gmail.com)" < 5.1.2e @gmail.com>, " 5.1.2e (5.1.2e @hkucc.hku.hk)"
 < 5.1.2e @hkucc.hku.hk>, " 5.1.2e (5.1.2e @exeter.ac.uk)" < 5.1.2e @exeter.ac.uk>, 5.1.2e
 < 5.1.2e @usda.gov>, " 5.1.2e " < 5.1.2e @warwick.ac.uk>, 5.1.2e
 < 5.1.2e @fda.hhs.gov>, 5.1.2e @mcmaster.ca, " 5.1.2e (HC/SC)" < 5.1.2e @canada.ca>, 5.1.2e
 < 5.1.2e @unl.edu>, 5.1.2e < 5.1.2e @nju.edu.cn>, yg zhu < 5.1.2e @rcees.ac.cn>, 5.1.2e
 < 5.1.2e @mail.sysu.edu.cn>

Cc: 5.1.2e < 5.1.2e @se.kanazawa-u.ac.jp>

Subject: Fwd: Are you involved in covid19 surveillance in wastewater?

Dear EDAR network:

Bellow is from my colleague, 5.1.2e That is, mail from HONDA to SUZUKI.
Condition in Japan and a suggestion for CoV2 monitoring.

5.1.2e

転送されたメッセージ:

差出人: 5.1.2e <5.1.2e@se.kanazawa-u.ac.jp>

件名: Re: Are you involved in covid19 surveillance in wastewater?

日付: 2020年4月12日 9:35:44 JST

宛先: 鈴木 聡2 <5.1.2e@ehime-u.ac.jp>

Dear 5.1.2e,

Thank you for sharing the information.

In Japan, we and probably some other groups are working on it.

We haven't detected it yet due to the limited campus activity, and probably because no. of patients does not reach detectable level yet. Currently, the reported cases are 10-20 in 100,000 people in some severest cities in Japan. 5.1.2e paper in Netherlands reported they detected after the confirmed cases reached 20-30 in 100,000.

Btw, primers and probes by Eurofins (and Merck also announced so) were contaminated with nCoV positive templates in their manufacturing process. Maybe it's fixed now, but I suggest you all to check NTC first.

Regards,

5.1.2e

5.1.2e

Visiting Research Fellow, Kyoto University

<http://env.w3.kanazawa-u.ac.jp/risk/eng/>

Twitter: @5.1.2e

npj Clean Water - Open-access journal on water from Nature Research. Now indexed in Scopus and SCI-E.

<http://nature.com/npjcleanwater/>

2020/04/11 16:11、鈴木 聡2 <5.1.2e@ehime-u.ac.jp>のメール:

Dear EDAR network:

Japanese Government (Ministry of Land, Infrastructure, Transport and Tourism, MLIT) is preparing to start surveillance of the SARS-CoV-2 virus in wastewater treatment plant, because the aerosol production is concerned. In academia, 5.1 5.1.2e (Kanazawa University) and 5.1.2e (Yamagata University) are in the planning stage of surveillance. They will go to action, but I am not sure when data are opened. All Universities are closed, and the lectures are started in April 22 by using web system. This is present status in Japan. fyi. Take care!

Cheers, 5.1.2e

—

// /Out of office / / / /

5.1.2e

5.1.2e

Center for Marine Environmental Studies, (CMES), Ehime University, Matsuyama, Japan

/ / / / / / / / / / / / / / / /