

“*Laurencia* spp. studied to date (collection locality)”

Secondary metabolites; Compound No.

Sesquiterpenes: 11xx, 12xx, 13xx, 14xx, 15xx, 16xx, 17xx, 18xx, 19xx.

Diterpenes: 21xx, 22xx, 23xx, 24xx, 25xx, 26xx, 27xx.

Triterpenes: 31xx, 32xx, 33xx, 34xx.

C₁₅-acetogenins: 41xx, 42xx, 43xx, 44xx, 45xx, 46xx, 47xx, 48xx, 49xx.

Indoles: 51xx, 52xx.

Sterols: 61xx.

Miscellaneous: 71xx, 72xx.

(01) *Laurencia aldingensis* Saito & Womersley

L. aldingensis (**Brazil:** Castelhanos, Espirito Santo)

[Metabolite(s); 1132~1135]

(02) *Laurencia alfredensis* Francis, Bolton, Mattio & R. J. Anderson

L. alfredensis (**South Africa:** north of Port Alfred in the Eastern Cape Province)

[Metabolite(s); 2121~2123, 3129, 3149~3151, 6107~6109, 7208]

(03) *Laurencia brongniartii* J. Agardh

L. brongniartii (**Caribbean Sea**)

[Metabolite(s); bromoindoles]

L. brongniartii (**Japan:** Komesu, Itoman, Okinawa Pref.)

[Metabolite(s); bromoindoles]

L. brongniartii (**Japan:** Kikai Island, Kagoshima Pref.)

[Metabolite(s); bromoindoles]

L. brongniartii (**Taiwan:** the coast of Kenting, Ken-Ting National Park, south tip of Taiwan)

[Metabolite(s); bromoindoles]

(04) *Laurencia caduciramulosa* Masuda & Kawaguchi

L. caduciramulosa (**Vietnam:** Hon Tre Island, Tien Hai Islands, Hatien, Kien Giang Province)

[Metabolite(s); 1243, 2703, 4223, 4224]

(05) *Laurencia caespitosa* Lamouroux

L. caespitosa (**Spain:** the island of La Graciosa, Canary Islands)

[Metabolite(s); 1155, 1156, 1143, 1145, 1714, 1745, 1755]

L. caespitosa (**Spain:** Canary Islands)

[Metabolite(s); 1117, 1141, 1142, 1147, 1148]

(06) *Laurencia calliclada* Masuda

L. calliclada (**Vietnam:** An Thoi, Phu Quac Island, Kien Giang Province)

[Metabolite(s); 3145]

L. calliclada (**Malaysia:** Batu Tokong and Pulau Tenggol, Terengganu)

[Metabolite(s); 1607]

(07) *Laurencia capituliformis* Yamada (⇒*Palisada capituliformis* (Yamada) Nam)

L. capituliformis (**Japan:** Oshoro Bay, Otaru, Hokkaido)

Bull. Chem. Soc. Jpn., **52** (1979), 3352-3354.

[Metabolite(s); no halogenated compound]

(08) *Laurencia caraibica* P. C. Silva

L. caraibica (as *L. nana*) (**Mexico:** Isla Mujeres)

[Metabolite(s); 1518~1520, 1523]

(09) *Laurencia cartilaginea* Yamada (⇒*Chondrophyucus cartilaginous* (Yamada) Garbary & Harper)

L. cartilaginea (**USA:** Ma'ili Pt. Park off the Wai'anae coast of O'ahu, Hawaii)

[Metabolite(s); 1231, 1236, 1242, 1270, 1326]

L. cartilaginea (**Japan:** Sakurajima, Kagoshima Pref.)

Bull. Chem. Soc. Jpn., **60** (1987), 3793-3794.

[Metabolite(s); no halogenated compound]

L. cartilaginea (**Japan:** Yagachi, Nago, Okinawa Pref.)

Phytochemistry, **58** (2001), 517-523.

[Metabolite(s); no halogenated compound]

(10) *Laurencia catarinensis* Cordeiro-Marino & Fujii

L. catarinensis (**Brazil:** Ilha do Arvoredo, Santa Catarina)

[Metabolite(s); 1121~1125, etc.]

(11) *Laurencia chilensis* De Toni, Forti & M. A. Howe

L. chilensis (**Chile:** Horcones Bay)

[Metabolite(s); 7215, 7216]

L. chilensis (**Chile:** Cocholgfle, Bahia de Concepcion)

[Metabolite(s); 7217]

(12) *Laurencia chondrioides* Børgesen

L. chondrioides (**Greece:** Ag. Theodoroi, Kefalonia Island)

[Metabolite(s); 4734, 4820, etc.]

(13) *Laurencia claviformis* Børgesen

L. claviformis (**Chile:** Vaihu, Easter Island, South Pacific Ocean)

[Metabolite(s); 1299-46, 4437, etc.]

(14) *Laurencia composita* Yamada

L. composita (**Japan:** Matsuura, Nagasaki Pref.; Awaji, Hyogo Pref.; Mera, Chiba Pref.)

[Metabolite(s); 1219, 1222, 1223, 4101~4103]

L. composita (**Japan:** Tanegashima Island, Kagoshima Pref.)

[Metabolite(s); 1219, 1222, 1223, 1202, 1245]

L. composita (**China:** the coast of Nanji Island at Zhejiang Province)

[Metabolite(s); 1224, 1309, 1310, etc.]

L. composita (**China:** Pingtan Island, Fujian Province)

[Metabolite(s); 1299-17~1299-19, etc.]

L. composita (**China:** the coast of Nanji Island, Zhejiang Province)

[Metabolite(s); 1299-28~1299-38, etc.]

L. composita (**China:** Zhanjiang coastline in the South China Sea, Guangdong Province)

[Metabolite(s); 1130, 1130#, 1175, 1299-38#~1299-38###, etc.]

(15) *Laurencia concinna* Montagne

L. concinna (**Australia:** the coast of New South Wales)

[Metabolite(s); 2103]

(16) *Laurencia concreta* A. B. Cribb (⇒*Palisada concreta* (A. B. Cribb) Nam)

L. concreta (**Japan:** Hedomisaki, Kunigami, Okinawa Pref.)

Phytochemistry, **58** (2001), 517-523.

[Metabolite(s); no halogenated compound]

(17) *Laurencia decidua* E. Y. Dawson

L. decidua (**Mexico:** Baja California)

[Metabolite(s); 1601, 1608, 1610, 1612]

(18) *Laurencia decumbens* Kützinger

L. decumbens (**China:** Weizhou Island, Guangxi Province)

[Metabolite(s); 2212, 2217, 2753, 4218, 4430, 4723, 4805, 5107, etc.]

(19) *Laurencia dendroidea* J. Agardh = *Laurencia majuscula* (Harvey) Lucas

L. dendroidea (**Brasil:** on the rocky coast of Cabo, Frio Island, Rio de Janeiro state)

[Metabolite(s); 1231]

L. dendroidea (**Brasil:** Biscoia Inlet, Angra dos Reis, Rio de Janeiro state)

[Metabolite(s); 1266]

L. dendroidea (**Brasil:** Manguihos Beech, Serra, Espirito Santo state)

[Metabolite(s); 1267]

L. dendroidea (**Brasil:** Vermelha Beech, Parati, Rio de Janeiro state)

[Metabolite(s); 1214, 1232, 1990]

L. dendroidea (**Brasil:** six distinct areas of the Southeastern Brazilian coast)

[Metabolite(s); 1214, 1231, 1232, 1266, 1267, 1990, etc.]

(20) *Laurencia diegoensis* E. Y. Dawson (⇒*Osmundea spectabilis* var. *diegoensis* (Dawson) Nam)

L. diegoensis

Fenical, W. J. *Phycol.*, **11** (1975), 245-259.

[Metabolite(s); no halogenated compound]

(21) *Laurencia distichophylla* J. Agardh

L. distichophylla (**New Zealand:** three sites of Echinoderm Reef in the Leigh Marine Reserve)

[Metabolite(s); 1640#4, 1609, 1611, etc.]

(22) *Laurencia elata* (C. Agardh) J. D. Hooker & Harvey (⇒*Coronaphycus elatus* (C. Agardh)

Metti

L. elata (**Australia:** Bateman's Bay, the coast of New South Wales)

[Metabolite(s); 1231]

L. elata (**Australia:** the western reef of St. Paul's Beach on the Mornington Peninsula, Victoria)

[Metabolite(s); 4216, 1219, 1243, 1507, 1508]

L. elata (**Australia:** St. Paul's Beach, Sorrento, Victoria)

[Metabolite(s); 1284, 1285, 1219, 4216, 4421]

(23) *Laurencia filiformis* (C. Agardh) Montagne

L. filiformis (**Australia (?)**):

[Metabolite(s); 1220]

L. filiformis f. *heteroclada* (**Australia:** the beach at Port MacDonnell, South Australia)

[Metabolite(s); 1521, 1522, 1503, 1507, 1525]

L. filiformis f. *heteroclada* (**Australia:** near Cape Jervis, South Australia)

[Metabolite(s); 1801, 1521, 1522, 1503, 1507]

L. filiformis (**Australia:** Point Peron, Western Australia)

[Metabolite(s); 1731, 1732]

L. filiformis (**Australia:** on the harbor breakwater at the subtidal fringe, Yancheep, Australia)

[Metabolite(s); 1804, 1805]

L. filiformis f. *heteroclada* (**Australia:** St. Paul's Beach, Sorrento, Victoria)

[Metabolite(s); 1529, 1530, 1521, 1522, 1502, 1503]

L. filiformis (**Australia:** the intertidal zone at Bells Beach, Sorrento, Victoria)

[Metabolite(s); 2405, 2603, 2609~2612, etc.]

L. filiformis (**Tasmania:** Tarooona Beach, Hobart)

[Metabolite(s); 1299-7, 1202, 1219, 1243, 7201]

(24) *Laurencia flexilis* Setchell

L. flexilis (**Philippines:** Barrio Pangil, Currimao, Ilocos Norte)

[Metabolite(s); 1207, 1208, 1720~1724, 1727~1729, 7202, etc.]

(25) *Laurencia glandulifera* Kützing

L. glandulifera (**Greece:** Loutraki Bay, the northwestern part of the island of Crete)

[Metabolite(s); 2707, 2708, 4208~4212, 4405, 4410, 4412~4415]

L. glandulifera (**Greece:** Argostoli Bay, Kefalonia Island)

[Metabolite(s); 2754]

L. glandulifera (**See! *Laurencia nipponica***) (**Japan:** Oshoro Bay, Otaru, Hokkaido))

(26) *Laurencia glomerata* Kützing

L. glomerata (**South Africa:** Buffels Bay, Cape Point)

[Metabolite(s); 1202, 1209, 1245, 1286]

(27) *Laurencia gracilis* J. D. Hooker & Harvey

Laurencia sp. *L. gracilis* (**New Zealand:** Matheson Bay, Leigh)

[Metabolite(s); 4423, 4451~4453, etc.]

(28) *Laurencia heteroclada* Harvey

Laurencia heteroclada (**Sri Lanka:** Tangalle on the southern coast of Sri Lanka)

[Metabolite(s); 1422, 1422###, 1422####, 7219]

(29) *Laurencia hybrida* (A. P. de Candolle) T. Lestiboudoi (⇒*Osmundea hybrida* (A. P. de Candolle) Nam)

L. hybrida (**England:** Bembridge Bay, Isle of Wight)

[Metabolite(s); 7210, 7211]

(30) *Laurencia implicata* J. Agardh

L. implicata (**Australia:** Florence Bay, Magnetic Island)

[Metabolite(s); 4422, 4506, 4507, 4802, etc.]

L. implicata (**Australia:** Britomart Reef in the central region of The Great Barrier Reef)

[Metabolite(s); 4725, 4726, 4802, 4804, 1982, 1984, 1718, 1722, 1731, etc.]

(31) *Laurencia intermedia* Yamada (⇒*Palisada intermedia* (Yamada) Nam)

L. intermedia (**Japan:** Oshoro Bay, Hokkaido)

Bull. Chem. Soc. Jpn., **52** (1979), 3352-3354.

[Metabolite(s); no halogenated compound]

(32) *Laurencia intricata* J. V. Lamouroux

L. intricata (**Japan:** Bikuni, Shimamaki and Oshoro Bay, Hokkaido)

[Metabolite(s); 3302, 4710~4713, 4724, 4802]

L. intricata (**Japan:** Katsuura, Chiba Pref.)

[Metabolite(s); 3302, 4708, 1974#]

L. intricata (**Japan:** Hato-misaki, Chinzei, Saga Pref. and Tokitsu, Oomura Bay, Nagasaki)

[Metabolite(s); 4710]

L. intricata (**Spain:** Arinaga, Gran Canaria, Canary Islands)

[Metabolite(s); 1117]

L. intricata (**Jamaica:** Discovery Bay)

[Metabolite(s); 2715]

L. intricata (**USA:** Key Largo, Florida)

[Metabolite(s); 1299-44, 4404]

L. intricata (**Bermuda:** Castle Harbor)

[Metabolite(s); 4407]

L. intricata (**Senegal:** Pointe des Almadies, Dakar)

[Metabolite(s); 1299-43]

(33) *Laurencia irieii* J. N. Norris

L. irieii (**Mexico:** Puerto Peñasco, the Gulf of California (Sea of Cortes))

[Metabolite(s); 2201~2209]

L. irieii (**Mexico:** Bahia de Los Angeles, the Gulf of California)
[Metabolite(s); 2301, 2203~2205]

(34) *Laurencia japonensis* Abe & Masuda

L. japonensis (**Japan:** Kamishima Island, Toba, Mie Pref.)

[Metabolite(s); 4223, 4224, 1202, 2703]

L. japonensis (**Japan:** , Toyooka, Hyogo Pref.)

[Metabolite(s); 4306, 4307, 1202, 2703]

L. japonensis (**Japan:** Iwami, Tottori Pref.)

[Metabolite(s); 4307, 1202, 2703]

L. japonensis (**Japan:** Heki, Yamaguchi Pref.)

[Metabolite(s); 4306, 1202, 2703]

L. japonensis (**Japan:** Chinzei, Saga Pref.)

[Metabolite(s); 4306, 4308, 1202, 2703]

L. japonensis (**Japan:** Yoshio, Katsuura, Chiba Pref.)

[Metabolite(s); 4335, 4336, 1202, 2703]

(35) *Laurencia johnstonii* Setchell & Gardner

L. johnstonii (**Mexico:** the Gulf of California)

[Metabolite(s); 1223]

L. johnstonii (**Mexico:** the coast of Baja California Sur)

[Metabolite(s); 1401, 1402, 1601, 1608, 1610]

(36) *Laurencia karlae* Zhang & Xia

L. karlae (**China:** Nansha islands in the South China Sea)

[Metabolite(s); 2115, 1718, 1722, 1723, 1731]

(37) *Laurencia lageniformis* Masuda & Suzuki

L. lageniformis (**Vietnum:** Mui Nai and Bai No, Hatien, Kieng Giang Province)

[Metabolite(s); 2602, 4511]

L. lageniformis (**Malaysia:** Pulau Tikus, Sandakan, Sabah; Tanjung Sipang, Santubong,
Kuching, Sarawak; Tanjung Datu, Kuching, Sarawak)

[Metabolite(s); 4304, 4511]

(00) *Laurencia luzonensis*; See! *Laurencia snackeyi*

(38) *Laurencia majuscula* (Harvey) Lucas = *Laurencia dendroidea* J. Agardh

L. majuscula (**Japan:** Nyudogatane, Okinoshima Island, Kochi Pref.)

[Metabolite(s); 1236, 1240, 1325]

- L. majuscula* (**Japan:** Tanegashima Island, Kagoshima Pref.)
[Metabolite(s); 1236, 1503]
- L. majuscula* (**Japan:** Taketomi Island and Hateruma Island, Okinawa Pref.)
[Metabolite(s); 1299-8, 1299-9, 1609]
- L. majuscula* (**Japan:** Yagachi, Nago, Okinawa Pref.)
[Metabolite(s); 1235, 1236, 1637]
- L. majuscula* (**Malaysia:** Pulau Tikus, Sandakan, Sabah; Pulau Bankawan, Sandakan, Sabah;
Pulau Nunuyan Laut, Sandakan, Sabah; Pulau Satang Besar, Kuching,
Sarawak; Pulau Redang, Terengganu)
[Metabolite(s); 1228, 1231]
- L. majuscula* (**Spain:** La Puntilla, Las Palmas, Gran Canaria, Canary Islands)
[Metabolite(s); 1228, 1231]
- L. majuscula* (**Spain:** La Gomera, Canary Islands)
[Metabolite(s); 1938~1940, 1299-51~1299-55, 1226, 1231, 1325]
- L. majuscula* (**USA:** the North Shore of Oahu, Hawaii)
[Metabolite(s); 4217]
- L. majuscula* (**USA:** near Kahuku, the north shore of Oahu, Hawaii)
[Metabolite(s); 2712, 2713, 4217]
- L. majuscula* (**Italy:** Castelluccio, eastern Sicily)
[Metabolite(s); 1219, 1299-45]
- L. majuscula* (**Australia:** Zoe Bay, Hinchinbrook Island in North Queensland)
[Metabolite(s); 1242, 1272, 1276, 1277, 1933, 1990]
- L. majuscula* (**Australia:** Geoffrey Bay, Magnetic Island)
[Metabolite(s); 1172~1174, etc.]
- L. majuscula* (**Australia:** Holmes Reef, Queensland)
[Metabolite(s); 4219, 4226~4228, etc.]
- L. majuscula* (**Australia:** Florence Bay, Magnetic Island)
[Metabolite(s); 1242, 1268, 1276, 1277, 1990, 1991]
- L. majuscula* (**China:** Xisha Islands in the South China Sea)
[Metabolite(s); 7207]
- L. majuscula* (**China:** Xisha Islands in the South China Sea)
[Metabolite(s); 7206]
- L. majuscula* (**Philippines:** Apo Island near the southern tip of Negros Island, Central Visayas)
[Metabolite(s); 1161~1167]
- L. majuscula* (**Egypt:** Hurghada reef in the Red Sea)
[Metabolite(s); 1531~1538, etc.]

(39) *Laurencia mariannensis* Yamada

L. mariannensis (**Australia:** Geoffrey Bay, Magnetic Island, the Great Barrier Reef)

[Metabolite(s); 1219, 1243, 1904]

L. mariannensis (**China:** Hainan and Weizhou Islands)

[Metabolite(s); 1233, 1299-1, 1758, 1934, 2714, 3101, 3153, 3154, 4709, etc]

L. mariannensis (**Japan:** Teruma, Yonashiro, Okinawa Pref.)

[Metabolite(s); 1299-8, 4606]

L. cf. mariannensis (**Japan:** Iheya Island, Okinawa Pref.)

[Metabolite(s); 4605, 4611, 4611#, 1701]

L. mariannensis (**Theiland:** Tean Island)

[Metabolite(s); 1401, 1648]

(40) *Laurencia marilzae* Gil-Rodoriguez, Senties & Fujii

L. marilzae (**Spain:** Paraíso Floral, Tenerife, Canary Islands)

[Metabolite(s); 4730~4734, 4737~4740, 4811, 4817, 4901, 4902]

(41) *Laurencia microcladia* Kützing

L. microcladia (**France:** the French coast at Cap Ferrat)

[Metabolite(s); 4727~4729]

L. microcladia (**Italy:** the torrent II Rogiolo, south of Livorno, in the Mediterranean)

[Metabolite(s); 4315~4317, 4621~4624]

L. microcladia (**Italy:** II Rogiolo along the Coast of Tuscany)

[Metabolite(s); 2724, 2726]

L. microcladia (**Greece:** Chios island in the North Aegean Sea)

[Metabolite(s); 1405, 1406, 1515, 1526, 1635, 1642, 1643, etc.]

L. microcladia (**Greece:** Vroulidia bay, Chios island in the North Aegean Sea)

[Metabolite(s); 1403, 1502, 1601, 1642, 7201]

L. microcladia (**Italy:** the Bay of Calenzana in Elba Island)

[Metabolite(s); 1819, 1911~1913]

(00) *Laurencia nana*; See! *Laurencia caraibica*

(42) *Laurencia nangii* Masuda

L. nangii (**Malaysia:** Plau Bai, Sandakan, Sabah; Pantai Layang Layangan, Pulau

Labuan, Sabah; Pulau Gaya, Kota Kinabalu, Sabah; Pulau Sulug, Kota

Kinabalu, Sabah; Pulau Tiga, Kuala Penyu, Sabah)

[Metabolite(s); 2703, 4435, 4442, 4501]

(43) *Laurencia natalensis* Kylin

L. natalensis (**South Africa:** Cape Vidal, east coast of South Africa)

[Metabolite(s); 1421~1422]

(44) *Laurencia nidifica* J. Agardh

L. nidifica (**USA:** Kahara Reef on the island of Oahu, Hawaii)

[Metabolite(s); 1212, 1216, 1217, 1218, 1219, 1601, 1610]

L. nidifica (**USA:** Diamondhead and Black Point reefs on the island of Oahu, Hawaii)

[Metabolite(s); 1743, 1744]

L. nidifica (**USA:** Hawaii)

[Metabolite(s); 1812]

L. nidifica (**USA:** Pupukeya, Oahu, Hawaii)

[Metabolite(s); 1294, 1295, etc.]

L. nidifica (**China:** Sanya coast, Hainan Province)

[Metabolite(s); 4225]

L. nidifica (**Japan:** Teruma, Yonashiro and Toyohara, Nago, Okinawa Pref.)

[Metabolite(s); 1601, 1608]

L. nidifica (**Japan:** Tsukenjima Island, Uruma, Okinawa Pref.)

[Metabolite(s); 1401, 1601, 1608, 1610]

L. nidifica (**Japan:** the coast of Goza, Mie Pref.)

[Metabolite(s); 1601, 1603, 1610, 1611, 1616, 1641]

(45) *Laurencia nipponica* Yamada

L. nipponica (**Russia:** Troista Bay of the Peter the Great Bay, Sea of Japan)

[Metabolite(s); 4715, 4722]

L. nipponica (**Russia:** Troista Bay (another coast) of the Peter the Great Bay)

[Metabolite(s); 2611, 2613, 2614]

L. nipponica (**Russia:** Posyet Bay of the Peter the Great Bay, Sea of Japan)

[Metabolite(s); 1219, 1220, etc.]

L. nipponica (as *Laurencia glandulifera*) (**Japan:** Kabutosaki, Oshoro Bay, Otaru, Hokkaido)

[Metabolite(s); 4401, 1201~1206, etc.]

L. nipponica (**Japan:** Pon-Oshoro, Oshoro Bay, Otaru, Hokkaido)

[Metabolite(s); 1311, 4719, 4111~4114, etc.]

L. nipponica (**Japan:** Oshoro Bay, Otaru, Hokkaido)

[Metabolite(s); 4429, 4401, 4416]

L. nipponica (**Japan:** Kumausu, Otaru, Hokkaido)

[Metabolite(s); 4201~4204, 4707]

- L. nipponica* (**Japan:** Asari and Hariusu, Otaru, Hokkaido)
[Metabolite(s); 4319]
- L. nipponica* (**Japan:** Usujiri, Hokkaido)
[Metabolite(s); 1288, 1289, 1315, 1316]
- L. nipponica* (**Japan:** Akkeshi, Hokkaido)
[Metabolite(s); 1220, 1290, 1317~1319]
- L. nipponica* (**Japan:** Tomamae, Shosanbetsu and Bakkai, Hokkaido)
[Metabolite(s); 1220, 1219, etc.]
- L. nipponica* (**Japan:** Hakodate Bay, Hokkaido)
[Metabolite(s); 4465, 4467, 4107~4111]
- L. nipponica* (**Japan:** Izumihama, near Hiroo, Hokkaido)
[Metabolite(s); 4801]
- L. nipponica* (**Japan:** West Shakotan, Hokkaido)
[Metabolite(s); 4213, 4214, 4401, 4402, 4416, 4418]
- L. nipponica* (**Japan:** Moheji, near Hakodate, Hokkaido)
[Metabolite(s); 4416, 4418]
- L. nipponica* (**Japan:** Notoro Point, near Abashiri, Hokkaido)
[Metabolite(s); 4215, 4417, 4419, etc.]
- L. nipponica* (**Japan:** Atsuta, Hokkaido)
[Metabolite(s); 1210, 1509~1514, etc.]
- L. nipponica* (**Japan:** Muroran, Hokkaido)
[Metabolite(s); 1219, 1220, 1245, 2759]
- L. nipponica* (**Japan:** Teuri Island, Hokkaido; Oga, Akita Pref.; Nomo, Nagasaki Pref.)
[Metabolite(s); 4465, 4467, etc.]
- L. nipponica* (**Japan:** Shichigahama, near Shiogama, Miyagi Pref.; Naoetsu and Kashiwazaki,
Niigata Pref.; Shikanoshima Island, Hakata Bay, Fukuoka Pref.)
[Metabolite(s); 4466, 4468, etc.]
- L. nipponica* (**Japan:** Chikappunai, Kunashiri Island, Hokkaido)
[Metabolite(s); 1299-56, 4715#, 1219, 1243, 4801]
- L. nipponica* (**Japan:** Zaimokuiwa, Kunashiri Island, Hokkaido)
[Metabolite(s); 1243, 1245, 1528, 4417]
- L. nipponica* (**Japan:** Sana, Etorofu Island, Hokkaido)
[Metabolite(s); 1243, 1245, 1528, 4417]

(46) *Laurencia obtusa* (Hudson) Lamourox

- L. obtusa* (**Greece:** Mitikas Bay in the Ionean Sea)
[Metabolite(s); 2113, 2114]

- L. obtusa* (**Greece:** Rafina)
[Metabolite(s); 2706, 1702, 1978, etc.]
- L. obtusa* (**Greece:** Preveza in the Ionean Sea)
[Metabolite(s); 2719~2723]
- L. obtusa* (**Greece:** the island of Lefkada in the Ionean Sea)
[Metabolite(s); 4821]
- L. obtusa* (**Greece:** Milos Island in the Aegean Sea)
[Metabolite(s); 1951, 1953~1956, 1960#, 1960###, 1961]
- L. obtusa* (**Greece:** the coasts of Symi Island, Aegean Sea)
[Metabolite(s); 1905~1907, 1978, 1980, 4438, 44447~4449, 4479]
- L. obtusa* (**Greece:** Preveza in the Ionian Sea)
[Metabolite(s); 4312, 4445, 4446, 1980, 1982]
- L. obtusa* (**Greece:** Koutalas bay, Serifos island in the Central Aegean Sea)
[Metabolite(s); 1516, 1527, 1528, 1957, 1959, 1959#, 1962, 7201]
- L. obtusa* (**Italy:** Capo Murro di Porco, Syracuse, Sicily)
[Metabolite(s); 2743, 4230]
- L. obtusa* (**Italy:** Castellucio, near Augusta, eastern Sicily)
[Metabolite(s); 1978, 1980, 1982, 1985~1988, 4445]
- L. obtusa* (**Italy:** Positano)
[Metabolite(s); 4501]
- L. obtusa* (**Turkey:** Gökçeada, an island in the Aegean Sea)
[Metabolite(s); 1116, 1601, 1980, 4441, 4471, 4501]
- L. obtusa* (**Turkey:** Didim near Aydın on Aegean coast)
[Metabolite(s); 1703]
- L. obtusa* (**Turkey:** Marmara Sea, near Tekirdag)
[Metabolite(s); 4444]
- L. obtusa* (**Turkey:** Kas, near Antalya, Mediterranean Sea)
[Metabolite(s); 4806, 4807]
- L. obtusa* (**Turkey:** Bademli, north of Izmir in the Aegean Sea)
[Metabolite(s); 1701, 1702, 1705~1708, 6111, 1116, 4622]
- L. obtusa* (**Turkey:** Tekirova near Antalya, in the Aegean Sea)
[Metabolite(s); 1908, 4321, 4445]
- L. obtusa* (**Turkey:** Güvercinlic near Bodrum in the Aegean Sea)
[Metabolite(s); 4309, 4445]
- L. obtusa* (**Turkey:** Assos near Çanakkale in the Aegean Sea)
[Metabolite(s); 4474]
- L. obtusa* (**Spain:** Canary Islands?)
[Metabolite(s); 1226~1228, 1230, 1275]

- L. obtusa* (**Spain:** Puerrito de Güimar, Tenerife, Canary Islands)
[Metabolite(s); 1127, 1128, 1228, 1301]
- L. obtusa* (**Spain:** Graciosa Island, Canary Islands)
[Metabolite(s); 1171, 4207, 4222, 4229, 4469, 4470, 4701, etc.]
- L. obtusa* (**Spain:** Lanzarote, Canary Islands)
[Metabolite(s); [1299-48, 1299-49, 1214, 1226, 1228, 1231, 1931, 1932, 1941]
- L. obtusa* (**Spain:** Gran Canaria, Canary Islands)
[Metabolite(s); 1299-47, 1214, 1226, 1228, 1231, 1232,]
- L. obtusa* (**Spain:** Tossa de Mar)
[Metabolite(s); 4229]
- L. obtusa* (**UK:** Kimmeridge Bay, Dorset)
[Metabolite(s); 1740, 2602]
- L. obtusa* (**Ireland:** Scanlon's Island, Country Clare)
[Metabolite(s); 1740, 4301]
- L. obtusa* (**France:** Erbalunga, Corsica)
[Metabolite(s); 2103, 2124, 4322, 4736, 4903, etc.]
- L. obtusa* (**France:** Sargone Bay, Corsica)
[Metabolite(s); 4322, etc.]
- L. obtusa* (**Saudi Arabia:** the Saudi Arabia Red Sea coast, Jeddah)
[Metabolite(s); 1410, 1531~1533, 1634, etc.]
- L. obtusa* (**Saudi Arabia:** Salman Gulf, north of Jeddah)
[Metabolite(s); 4231, 4232, 4626~4628, 4631, 4904]
- L. obtusa* (**Egypt:** Hurghada, just south of the Gulf of Suez, Red Sea)
[Metabolite(s); 1214, 1265, 1703, 1704, 1740, 1759, 4205, 7201]
- L. obtusa* (**Cuba:** Cayo Coco)
[Metabolite(s); 1212, 1299-12, 1299-13, 1299-44]
- L. obtusa* (**Puerto Rico:** Islera Marina on the east coast of Puerto Rico)
[Metabolite(s); 1241, 1242, 1226, 1231]
- L. obtusa* (**Jamaica:** Discovery Bay)
[Metabolite(s); 1299-5, 1299-6, 1231]
- L. obtusa* (**Jamaica:** Negril)
[Metabolite(s); 1228, 1231, 1234, 1261~1264]
- L. obtusa* (**Dominica:** Lauro Club, Salisbury)
[Metabolite(s); 1503]
- L. obtusa* (**See! *Laurencia saitoi***) (**Japan:** Teuri Island, Hokkaido)

(47) *Laurencia okamurae* Yamada

L. okamurae (as *L. intermedia* or as *L. okamurai*) (**Japan:** Oshoro Bay, Otaru, Hokkaido)
[Metabolite(s); 1401~1403, 1508, 1601, 1603, 1606, 1608, 1609, 1612, 1613, 1614]

L. okamurae (**Japan:** Oshoro Bay, Otaru, Hokkaido)
[Metabolite(s); 1401, 1601, 1603, 1608, 1624#]

L. okamurae (as *L. okamurai*) (**Japan:** Hakatashima Island, Ehime Pref.)
[Metabolite(s); 1601, 1603, 1610~1612, 1223]

L. okamurae (as *L. okamurai*) (**Japan:** Okinoshima Island, Kochi Pref.)
[Metabolite(s); 1401~1403, 1601, 1603, 1605, 1608, 1609, 1614]

L. okamurae (as *L. okamurai*) (**Japan:** Kamuimisaki, Hokkaido; Esashi, Hokkaido;
Moura, Aomori Pref.; Noo, Niigata Pref.)
[Metabolite(s); 1601, 1603]

L. okamurae (as *L. okamurai*) (**Japan:** Zagashima Island, Ago Bay, Mie Pref.)
[Metabolite(s); 1601, 4708, etc.]

L. okamurae (as *L. okamurai*) (**Japan:** Iwaizaki, Shima Peninsula, Mie Pref.)
[Metabolite(s); 1601, 1222, 1223, etc.]

L. okamurae (as *L. okamurai*) (**Japan:** the coast of Goza, Mie Pref.)
[Metabolite(s); 3304, 4101~4104]

L. okamurae (as *L. okamurai*) (**Japan:** Yasurihama, Mie Pref.)
[Metabolite(s); 1601, 1608, 1610, 1611, 1210, 1220, 1222, 1243, etc.]

L. okamurae (as *L. okamurai*) (**China:** Qingdao coastline, eastern Shandong Province)
[Metabolite(s); 1210, 1243, 1245, 1267, 1287, etc.]

L. okamurae (as *L. okamurai*) (**China:** Weihai coastline, Shandong Province)
[Metabolite(s); 1157~1160, 1259, 1308, 4625, etc.]

L. okamurae (as *L. okamurai*) (**China:** the coast of Nanji Island, Zhejiang Province)
[Metabolite(s); 1414, 1524, 1617, 1618, 1621~1623, 1637~1640, 1644, 1645, etc.]

L. okamurae (as *L. okamurai*) (**China:** the coast of Rongcheng, Shandong Province)
[Metabolite(s); 1299-14, 1299-15, 1299-41, 1299-42, 1329, etc.]

L. okamurae (**Korea:** Cheju Island)
[Metabolite(s); 1601, 1608, 1610, 1624]

(48) *Laurencia omaezakiana* Masuda

L. omaezakiana (**Japan:** Omaezaki, Shizuoka Pref.)
[Metabolite(s); 3201, 3303, 3104#]

L. omaezakiana (**Japan:** Enoshima, Kanagawa Pref.)
[Metabolite(s); 3303, 3104#]

(49) *Laurencia pacifica* Kylin

L. pacifica (**USA:** Stillwater Cove, Monterey Peninsula, California)

[Metabolite(s); 1219, 1225, 1303, 1603, 1610, 1611]

L. pacifica (**USA:** San Diego, California)

[Metabolite(s); 1220]

L. pacifica (**Mexico:** near Ensenada)

[Metabolite(s); 1245, 1608]

L. pacifica (**Mexico:** the Gulf of California)

[Metabolite(s); 1201]

(50) *Laurencia cf. palisada* Yamada (⇒*Palisada robusta* Nam)

L. cf. palisada (**Palau:** Western Caroline Islands)

[Metabolite(s); 1709, 1718, 1722~1724, 1731]

L. palisada (**Japan:** Kagoshima Pref.)

[Metabolite(s); no halogenated compound]

(51) *Laurencia paniculata* (C. Agardh) J. Agardh

L. paniculata (**Qatar:** Al Wakrah Bay, 30 km south of Doha)

[Metabolite(s); 2112]

(52) *Laurencia pannosa* Zanardini

L. pannosa (**Vietnam:** An Thoi, Phu Quoc Island, Kien Giang Province)

[Metabolite(s); 4721, 4420, 4422]

L. pannosa (**Malaysia:** Pulau Talang-Talang, Kecil, Kuching, Sarawak)

[Metabolite(s); 1304, 1305, 4421]

(53) *Laurencia papillosa* (C. Agardh) Greville (⇒*Palisada perforata* (Bory) Nam)

L. papillosa (?) (**Egypt:** Ras Abu-Bakr, 65 km north of Ras Gharib on the Suez-Gulf)

[Metabolite(s); 2703#, 2703##, 2714, 4628#, 7213#, 7213##, 7213###]

L. papillosa (**USA:** La Jolla, California?)

Young et al., J. Phycol., **16** (1980), 182-185.

[Metabolite(s); no halogenated compound]

L. papillosa (**Japan:** Ishigaki Island, Okinawa Pref.)

[Metabolite(s); 7218]

L. papillosa (**Japan:** Hedomisaki, Kunigami, Okinawa Pref.)

[Metabolite(s); 7201]

(54) *Laurencia perforata* (Bory) Montagne (⇒*Palisada perforata* (Bory) Nam)

L. perforata (**Spain:** Corralejos, Fuerteventura, Canary Islands)

[Metabolite(s); 1951, 1959, 1960, 1960#, 1960##, 1961, 1963]

L. perforata (**Spain:** Madeira and Corralejos, Fuerteventura, Canary Islands)

[Metabolite(s); 2116, 2718, etc.]

L. perforata (**Spain:** La Puntilla, Las Palmas, Gran Canaria, Canary Islands)

[Metabolite(s); 7201]

L. perforata (**Australia:** Magnetic Island, Great Barrier Reef)

[Metabolite(s); 1959#, 1959##, 1965]

(55) *Laurencia pinnata* Yamada

L. pinnata (**Japan:** Motsuta Point, Hokkaido) Yamada

[Metabolite(s); 2210~2212, 4314, 4403, 6101, 6102]

L. pinnata (**Japan:** Onahama, Fukushima Pref.)

[Metabolite(s); 2105, 2106, 2108, 2109, 2203, 2208, 2212~2214, 6101~6106]

L. pinnata (**Japan:** Matsushima Island, Nagasaki Pref.)

[Metabolite(s); 1404]

L. pinnata (**China:** Nanji Island)

[Metabolite(s); 1822~1825, etc.]

(56) *Laurencia pinnatifida* (Hudson) Lamouroux

L. pinnatifida (**Spain:** Los Cristianos, Tenerife, Canary Islands)

[Metabolite(s); 1417, 1418, 1504, 1506, 3109, 4115, 4435, 4436]

L. pinnatifida (**Spain:** Callao Salvaje, Tenerife, Canary Islands)

[Metabolite(s); 4431, 4432]

L. pinnatifida (**Spain:** the Island of Tenerife, Canary Islands)

[Metabolite(s); 4115, 4117, 4119~4122, 4431, 4432, 4435, 4436, 4503, 4504]

L. pinnatifida (**Pakistan:** the coast of Karachi)

[Metabolite(s); 1209, 1247~1250, 1299-55, 1306, 1517]

(57) *Laurencia poitei* (Lamouroux) Howe

L. poitei (**USA:** Harry Harris State Park, Florida)

[Metabolite(s); 1975#, 4406]

(58) *Laurencia rigida* J. Agardh

L. rigida (**Australia:** Cape Banks, Sydney)

[Metabolite(s); 1155, 1201#, 1231, 1234, 1255, 1256, etc.]

(59) *Laurencia saitoi* Perestenko

L. saitoi (as *Laurencia obtusa*) (**Japan:** Teuri Island, Hokkaido)

[Metabolite(s); 1816, 1817, 2402, 2404, 2406~2411, 2502, 2505, 2601, 2605, 2606, 3101, 3102, 3104~3108]

L. saitoi (**Japan:** Suttsu, Iwanai, Hokkaido)

[Metabolite(s); 2401~2408, 2501, 2502, 2504, 2601, 2602, 2606~2609]

L. saitoi (**Japan:** the coast of Matoba Park, Takehara, Hiroshima Pref.)

[Metabolite(s); 4802]

L. saitoi (**Japan:** the coast of Yoshio, Katsuura, Chiba Pref.)

[Metabolite(s); 4736#, etc.]

L. saitoi (**China:** the coast of Yantai, Shandong Province)

[Metabolite(s); 2404, 2406~2407, 2602, 2613, 2614, 3101, 3102, 4802]

L. saitoi (**China:** Hainan coastline)

[Metabolite(s); 1717, 1718, 1722, 1723, 1730, 1731, 1733, 1734, 1971]

L. saitoi (**China:** the coast of Rongcheng, northern Shandong Province)

[Metabolite(s); 1114, 1245, 1280, 1283, 1527]

(60) *Laurencia scoparia* J. Agardh

L. scoparia (**Brazil:** Praia Brava, coast of Ubatuba, State of Sao Paulo)

[Metabolite(s); 1110~1112, 1214, 1226, 1236~1239, 1257, 1268, 1325, 1326, 7201, etc.]

L. scoparia (**Jamaica:** Negril)

[Metabolite(s); 1202, 1209, 1231, 1246, 1281, 1306]

(61) *Laurencia similis* Nam & Saito

L. similis (**Malaysia:** Pulau Gaya, Kota Kinabalu, Sabah)

[Metabolite(s); 5106, 5111]

L. similis (**Malaysia:** six locations in the coastal waters of Sabah, Tanjung Aru;

Sepanggar Island; Mantanani Island; Lankayan Island; Bangii Island;

Sipadan Island)

[Metabolite(s); 5106, 5111]

L. similis (**China:** Sanya Bay, Hainan Province)

[Metabolite(s); 5102, 5115]

L. similis (**China:** the coast of Hainan Island, Hainan Province)

[Metabolite(s); 5101, 5103, 5105, 5108, 5109, 5111, 1909, 1993~1999, 1231]

L. similis (**China:** South China Sea)

[Metabolite(s); 5116~5121]

L. similis (**China:** Sanya Bay, Hainan Province)

[Metabolite(s); 1710, 1711, 1716, 1718, 1722, 1723, 1730, 1731, 1992~1999]

L. similis (**China:** Hainan coastlines, Hainan Province)

[Metabolite(s); 1701~17105]

(62) *Laurencia sinicola* Setchell & Gardner (⇒*Osmundea sinicola* (Setchell & Gardner) Nam)

L. sinicola (**USA:** La Jolla, California?)

Young et al., J. Phycol., **16** (1980), 182-185.

[Metabolite(s); no halogenated compound]

(63) *Laurencia snackeyi* (Weber-van Bosse) Masuda

L. snackeyi (**Vietnam:** An Thoi, Phu Quoc Island, Kien Giang Province)

[Metabolite(s); 1718, 1731]

L. snackeyi (**Malaysia:** Pulau Besar, Melaka; Plau Sipanggau, Semporna, Sabah;
Plau Manukan, Kota Kinabalu, Sabah)

[Metabolite(s); 1718, 1723, 1731]

L. snackeyi (**Malaysia:** Pulau Sulug Island, Kota Kinabalu, Sabah)

[Metabolite(s); 1709, 1722, 1728, 1971]

L. snackeyi (**Malaysia:** Carrington Reef (Kudat), Bak-Bak Beach (Kudat) and
Lankayan Island (Sandakan), Sabah, North Borneo)

[Metabolite(s); 1206, 1207, 1718, 1722, 1723, 1728, 1731]

L. snackeyi (**Malaysia:** kg Sikaudagan, Bum Bum Island, Semporna, Sabah)

[Metabolite(s); 1741, 1752, 1753, etc.]

L. snackeyi (as *L. luzonensis*) (**Japan:** the reef of Kudaka Island, Okinawa Pref.)

[Metabolite(s); 1719, 1725, 1726, 1737~1739, 2702, etc.]

L. snackeyi (as *L. luzonensis*) (**Japan:** the coast of Kudaka Island, Okinawa Pref.)

[Metabolite(s); 1709~1713, 1718, 1722, 1731, 2701, etc.]

L. snackeyi (as *L. luzonensis*) (**Japan:** Sesoko Island, Okinawa Pref.)

[Metabolite(s); 1718, 1722, 1731, 1757, etc.]

L. snackeyi (**Japan:** Minna Island, Sesoko Island and Kayo Coast, Okinawa Pref.)

[Metabolite(s); 1718, 1722, 1731, etc.]

(64) *Laurencia snyderae* Dawson

L. snyderae (as *L. snyderiae*) (**USA:** Santa Catalina Island, California)

[Metabolite(s); 2103, 2705, 1703, 1744]

L. snyderae (as *L. snyderiae*) (**USA:** La Jolla, California)

[Metabolite(s); 2103, 1703]

L. snyderae (**USA:** North Bird Rock, La Jolla, California)

[Metabolite(s); 4420]

L. snyderae var. *guadalupensis* (**Mexico:** Guadalupe Island)

[Metabolite(s); 2104]

(65) *Laurencia spectabilis* Postels & Ruprecht (⇒*Osmundea spectabilis* (Postels & Ruprecht) Nam)

L. spectabilis (**USA:** Monterey, California)

Sims et al., Tetrahedron Lett., **13** (1972), 195-198.

Young et al., J. Phycol., **16** (1980), 182-185.

Fenical, W. J. Phycol., **11** (1975), 245-259.

[Metabolite(s); no halogenated compound]

(66) *Laurencia splendens* Hollenberg (⇒*Osmundea splendens* (Hollenberg) Nam)

L. splendens (**USA:** Monterey, California)

Sims et al., Tetrahedron Lett., **13** (1972), 195-198.

Young et al., J. Phycol., **16** (1980), 182-185.

Fenical, W. J. Phycol., **11** (1975), 245-259.

[Metabolite(s); no halogenated compound]

(67) *Laurencia subopposita* (J. Agardh) Setchell

L. subopposita (**USA:** La Jolla, California)

[Metabolite(s); 1901, 1503, 1528, etc.]

(68) *Laurencia tasmanica* Hook & Harvey

L. tasmanica (**Australia (?)**);

[Metabolite(s); 1219]

(69) *Laurencia tenera* C.K. Tseng

L. tenera (**Australia:** Florence Bay, Magnetic Island, near Townsville)

[Metabolite(s); 1952, 1958, 1964]

(70) *Laurencia thyrsoifera* J. Agardh

L. thyrsoifera (**New Zealand:** Seal Reef, Kaikoura)

[Metabolite(s); 3101, 4404, 4409~4411]

(71) *Laurencia tristicha* C. K. Tseng, C. F. Chang, E. Z. Xia & B. M. Xia

L. tristicha (**China:** Shanwei, Guangdong Province)

[Metabolite(s); 1625~1628, etc]

L. tristicha (**China:** Naozhou Island, Zhanjiang City)
[Metabolite(s); 1628~1633, 1640, 1640#1~1640#3, etc.]

L. tristicha (**China:** Pingue Island of the South China Sea)
[Metabolite(s); 1613c, 7220~7227]

L. tristicha (**Taiwan:** the coast of Hsiao Liuchiu Island)
[Metabolite(s); 1299-21~1299-26, 1327, 1328, etc.]

(72) *Laurencia undulata* Yamada (⇒*Chondrophyucus undulatus* (Yamada) Garbary & Harper)

L. undulata (**Japan:** Zagashima, Ago Bay, Mie Pref.; Shirahama, Wakayama Pref.)
[Metabolite(s); 7201]

(73) *Laurencia venusta* Yamada

L. venusta (**Japan:** Moheji, Hokkaido)
[Metabolite(s); 4457, 4459]

L. venusta (**Japan:** Moura, Aomori Pref.)
[Metabolite(s); 2102, 4443, 4458, 4460]

L. venusta (**Japan:** Tanegashima Island, Kagoshima Pref.)
[Metabolite(s); 1404, 1607]

L. venusta (**Japan:** Onna, Okinawa Pref.)
[Metabolite(s); 3101~3103]

L. venusta (**Japan:** Fukuyama, Hiroshima Pref.)
[Metabolite(s); 2101, 2127, 2128, etc.]

L. venusta (**Japan:** Katsuura, Chiba Pref.)
[Metabolite(s); 2101, 2128, etc.]

(74) *Laurencia viridis* Gil-Rodríguez & Haroun

L. viridis (**Spain:** Callao Salvaje, Tenerife, Canary Islands)
[Metabolite(s); 2710, 2711, 3109~3142, 3401, 3402, 4475~4477, 4629]

L. viridis (**Spain:** South Tenerife, Canary Islands)
[Metabolite(s); 1975]

L. viridis (**Spain:** Paraiso Floral, Tenerife, Canary Islands)
[Metabolite(s); 3147~3152, 3158~3160]

(75) *Laurencia yonaguniensis* Masuda & Abe

L. yonaguniensis (**Japan:** Hikawa, Yonagunijima Island, Okinawa Pref.)
[Metabolite(s); 2302, 2303, 4442]

***Laurencia* species (unrecorded or unidentified)**

(01) *Laurencia* sp. (**Spain:** Canary Islands)

[Metabolite(s); 1931, 1932, 1941]

Laurencia sp. (**Spain:** Paraiso Floral, South Tenerife, Canary Islands)

[Metabolite(s); 2727~2733]

(02) *Laurencia* sp. (**China:** in the south China Sea)

[Metabolite(s); 1526#, etc.]

Laurencia sp. (**China:** Xuwen Country, Zhanjian City, Guangdong Province)

[Metabolite(s); 7228~7233]

(03) *Laurencia* sp. (**Australia:** Guerilla Bay, New south Wales)

[Metabolite(s); 1802, 1803, 1231]

(04) *Laurencia* sp. (**Mexico:** Coyote Bay, Baja California)

[Metabolite(s); 4456]

Laurencia sp. (**Mexico:** San Carlos Bay, Guaymas)

[Metabolite(s); 4454, 4455, 4461~4464]

Laurencia sp. (**Mexico:** the Gulf of California)

[Metabolite(s); 1803]

Laurencia sp. (**Mexico:** Isla Angel, de la Guarda, Gulfo de California)

[Metabolite(s); 1202, 1209]

(05) *Laurencia* sp. (**Japan:** Bisezaki, Motobu, Okinawa Pref.)

[Metabolite(s); 4206, 4302, 4304]

Laurencia sp. (Cultured specimen) (**Japan:** Bisezaki, Motobu, Okinawa Pref.)

[Metabolite(s); 2117, 2118, 1202, 4727]

Laurencia sp. (**Japan:** Hatomisaki, Chinzei, Saga Pref.)

[Metabolite(s); 2120, 4714, 4724]

Laurencia sp. (**Japan:** Hachijyojima Island, Tokyo)

[Metabolite(s); 2120, 2212, 4748, 4749]

Laurencia sp. (**Japan:** Miyakejima Island, Tokyo)

[Metabolite(s); 1202, 1601, 4708]

Laurencia sp. (**Japan:** Omaezaki, Shizuoka Pref.)

[Metabolite(s); 4703~4705, 4708, 2404#, 3302, 3302#]

Laurencia sp. (**Japan:** Matoba, Takehara, Hiroshima Pref.)

[Metabolite(s); 1208#]

(06) *Laurencia* sp. (**Malaysia:** Plau Lembu, Kedah)

[Metabolite(s); 4608, 4612]

Laurencia sp. (**Malaysia:** Lohok Butun, Sabah)

[Metabolite(s); 2215]

Laurencia sp. (**Malaysia:** Selakan Island, Sabah)

[Metabolite(s); 2703]

Laurencia sp. (**Malaysia:** Layangan Island, Sabah)

[Metabolite(s); 5103]

Laurencia sp. (**Malaysia:** Gaya Island, Sabah)

[Metabolite(s); 1210, 1607]

(07) *Laurencia* sp. (**USA:** Rio Mar near Vero Beach, Florida)

[Metabolite(s); 1306, etc.]

(08) *Laurencia* sp. (**Saudi Arabia:** Rose Reef off the village of Thuwal in the Red Sea coast)

[Metabolite(s); 4323~4325, 4743~4747, etc.]

(09) *Laurencia* sp. (**Philippines:**)

[Metabolite(s); 4220, 4221, 4425~4428]

Laurencia sp. (**Philippines:** the coast of the island of Palawan, Taytay)

[Metabolite(s); 1274, 1326, etc.]

(10) *Laurencia* sp. (**Greece:** Vasta Bat, Kefalonia Island)

[Metabolite(s); 2724, 2725#, 2726]

(11) *Laurenciella* sp. (**France:** Ajaccio Bay, Corsica)

[Metabolite(s); 4809#~4809#####, 4735, etc.]