

Supplementary materials

Table S1. Grey literature resources searched

African Forest Forum (AFF) (www.afforum.org)

African Network for Agriculture, Agroforestry and Natural Resources Education (ANAFE)
(www.anafeafrica.org)

Consultative Group on International Agriculture Research Centres (www.cgiar.org)

Bioversity International

The World Agroforestry Centre (ICRAF)

Centre for International Forestry Research (CIFOR)

World Fish

International Food Policy Research Institute (IFPRI)

International Livestock Research Institute (ILRI)

Food and Agriculture Organization (including old copies of Forest, Trees and People and Community
Forestry Programme publications (from the 1990s) (www.fao.org)

Ford Foundation (www.fordfoundation.org)

International Institute for Environment and Development (IIED) (www.iied.org)

International Institute for Sustainable Development (IISD) (www.iisd.org)

International Union for Conservation of Nature (IUCN) (www.iucn.org)

International Union of Forest Research Organizations (IUFRO) (www.iufro.org)

Southern Africa Forestry and Indigenous Resources (SAFIRE) (www.safireweb.org)

The Centre for Forests and People (RECOFTC) (www.recoftc.org)

The Green Belt Movement (www.greenbeltmovement.org)

United Nations – Women (formerly UNIFEM) (www.unwomen.org)

United Nations Development Programme (UNDP) (www.undp.org)

United Nations Development Programme (UNDP) – Drylands Development Centre (www.undp.org)

Women Organizing for Change in Agriculture and Natural Resource Management (WOCAN)

(www.wocan.org)

Women's Environments and Development Organization (WEDO) (www.wedo.org)

World Farmers Organization (www.wfo-oma.com)

World Health Organization (WHO) (www.who.int)

WUR Centre for Tropical Agriculture (CTA) Netherlands (www.wageningenur.nl)

YOUTH – Agriculture for Research and Development (www.ypard.net)

Supplementary materials

Table S2. Test set of articles for search accuracy and comprehensiveness

1. Agarwal B: **Gender, environment and poverty interlinks in rural India: regional variations and temporal shifts, 1971-1991.** *Discussion Paper - United Nations Research Institute for Social Development* 1995:v + 51 pp.
2. Asfaw A, Lemenih M, Kassa H, Ewnetu Z: **Importance, determinants and gender dimensions of forest income in eastern highlands of Ethiopia: The case of communities around Jelo Afromontane forest.** *Forest Policy and Economics* 2013, **28**:1-7.
3. Brown K, Lapuyade S: **A livelihood from the forest: gendered visions of social, economic and environmental change in Southern Cameroon.** *Journal of International Development* 2001, **13**:1131-1149.
4. Chowdhury MSH, Miah MD, Muhammed N, Haque F, Koike M: **Gender role in the daily life activities of the MRO tribe at Chittagong Hill Tracts in Bangladesh.** *Journal of Socioeconomic Research and Development* 2007, **4**:80-85.
5. Coad L, Abernethy K, Balmford A, Manica A, Airey L, Milner-Gulland EJ: **Distribution and use of income from bushmeat in a rural village, Central Gabon.** *Conservation Biology* 2010, **24**:1510-1518.
6. Cocks ML, Bangay L, Shackleton CM, Wiersum FK: **'Rich man poor man' - inter-household and community factors influencing the use of wild plant resources amongst rural households in South Africa.** *International Journal of Sustainable Development and World Ecology* 2008, **15**:198-210.
7. Coulibaly-Lingani P, Tigabu M, Savadogo P, Oden P-C, Ouadba J-M: **Determinants of access to forest products in southern Burkina Faso.** *Forest Policy and Economics* 2009, **11**:516-524.
8. Dovie DBK, Witkowski ETF, Shackleton CM: **Monetary valuation of livelihoods for understanding the composition and complexity of rural households.** *Agriculture and Human Values* 2005, **22**:87-103.
9. Ella AB: **Sustainable harvesting of non-timber forest products: the role of gender in the Philippines.** In; *Bangkok*. FAO Regional Office for Asia and the Pacific; 2004: 23-31.
10. Heubach K, Wittig R, Nuppenau E-A, Hahn K: **The economic importance of non-timber forest products (NTFPs) for livelihood maintenance of rural west African communities: A case study from northern Benin.** *Ecological Economics* 2011, **70**:1991-2001.
11. Ingram V, Schure J, Tieguhong JC, Ndoye O, Awono A, Iponga DM: **Gender implications of forest product value chains in the Congo basin.** *Forests, Trees and Livelihoods* 2014, **23**:67-86.
12. Kamanga P, Vedeld P, Sjaastad E: **Forest incomes and rural livelihoods in Chiradzulu District, Malawi.** *Ecological Economics* 2009, **68**:613-624.
13. Lastarria-Cornhiel S: **Impact of privatization on gender and property rights in Africa.** *World Development (Oxford)* 1997, **25**:1317-1333.
14. Malleson R, Asaha S, Egot M, Kshatriya M, Marshall E, Obeng-Okrah K, Sunderland T: **Non-timber forest products income from forest landscapes of Cameroon, Ghana and Nigeria - an**

incidental or integral contribution to sustaining rural livelihoods? *International Forestry Review* 2014, **16**:261-277.

15. Nabanoga K GN: *Transgressing boundaries: gendered spaces, species, and indigenous forest management in Uganda*. 2005.

16. Paumgarten F, Shackleton C: **The role of non-timber forest products in household coping strategies in South Africa: the influence of household wealth and gender.** *Population and Environment* 2011, **33**:108-131.

17. Rayamajhi S, Smith-Hall C, Helles F: **Empirical evidence of the economic importance of Central Himalayan forests to rural households.** *Forest Policy and Economics* 2012, **20**:25-35.

18. Rocheleau D, Edmunds D: **Women, men and trees: Gender, power and property in forest and agrarian landscapes.** *World development* 1997, **25**:1351-1371.

19. Shackleton CM, Paumgarten F, Cocks ML: **Household attributes promote diversity of tree holdings in rural areas, South Africa.** *Agroforestry Systems* 2008, **72**:221-230.

20. Sun Y, Mwangi E, Meinzen-Dick R: **Is gender an important factor influencing user groups' property rights and forestry governance? Empirical analysis from East Africa and Latin America.** *International Forestry Review* 2011, **13**:205-219.

Supplementary materials

Table S3. Low- and middle-income countries (World Bank, 2014)

Angola; Afghanistan; Albania; Algeria; American Samoa; Angola; Argentina; Armenia; Azerbaijan; Bangladesh; Belarus; Belize; Benin; Bhutan; Bolivia; Bosnia; Botswana; Brazil; Bulgaria; Burkina Faso; Burundi; Cabo Verde; Cambodia; Cameroon; Central African Republic; Chad; China; Colombia; Comoros; Congo; Costa Rica; Côte d'Ivoire; Cuba; Djibouti; Dominic; Ecuador; Egypt; Salvador; Eritrea; Ethiopia; Fiji; Gabon; Gambia; Georgia; Ghana; Grenada; Guatemala; Guinea; Guyana; Haiti; Honduras; Hungary; India; Indonesia; Iran; Iraq; Jamaica; Jordan; Kazakhstan; Kenya; Kiribati; North Korea; Kosovo; Kyrgyz Republic; Lao; Lebanon; Lesotho; Liberia; Libya; Macedonia; Madagascar; Malawi; Malaysia; Maldives; Mali; Marshall Islands; Mauritania; Mauritius; Mexico; Micronesia; Moldova; Mongolia; Montenegro; Morocco; Mozambique; Myanmar; Burma; Namibia; Nepal; Nicaragua; Niger; Nigeria; Pakistan; Palau; Panama; Papua; Paraguay; Peru; Philippines; Romania; Rwanda; Samoa; São Tomé; Senegal; Serbia; Seychelles; Sierra Leone; Solomon Islands; Somalia; South Africa; Sri Lanka; Lucia; Grenadines; Sudan; Suriname; Swaziland; Syria; Tajikistan; Tanzania; Thailand; Timor; Togo; Tonga; Tunisia; Turkey; Turkmenistan; Tuvalu; Uganda; Ukraine; Uzbekistan; Vanuatu; Venezuela; Vietnam; Gaza; Yemen; Zambia; Zimbabwe; Africa; Asia; South America; Latin America

Supplementary materials

Table S4. Search strings in Web of Science and Scopus

Web of Science (including CAB Abstracts)

TOPIC: (angola OR afghanistan OR albania OR algeria OR "American Samoa" OR argentina OR armenia OR azerbaijan OR bangladesh OR belarus OR belize OR benin OR bhutan OR bolivia OR bosnia OR botswana OR brazil OR bulgaria OR "Burkina Faso" OR burundi OR "Cabo Verde" OR cambodia OR cameroon OR "Central African Republic" OR chad OR china OR colombia OR comoros OR congo OR "Costa Rica" OR "Côte d'Ivoire" OR cuba OR djibouti OR dominic* OR ecuador OR egypt OR salvador OR eritrea OR ethiopia OR fiji OR gabon OR gambia OR georgia OR ghana OR grenada OR guatemala OR guinea OR guyana OR haiti OR honduras OR hungary OR india OR indonesia OR iran OR iraq OR jamaica OR jordan OR kazakhstan OR kenya OR kiribati OR "North Korea" OR kosovo OR "Kyrgyz Republic" OR lao* OR lebanon OR lesotho OR liberia OR libya OR macedonia OR madagascar OR malawi OR malaysia OR maldives OR mali OR "Marshall Islands" OR mauritania OR mauritius OR mexico OR micronesia OR moldova OR mongolia OR montenegro OR morocco OR mozambique OR myanmar OR burma OR namibia OR nepal OR nicaragua OR niger OR nigeria OR pakistan OR palau OR panama OR papua OR paraguay OR peru OR philippines OR romania OR rwanda OR samoa OR "São Tomé" OR senegal OR serbia OR seychelles OR "Sierra Leone" OR "Solomon Islands" OR somalia OR "South Africa" OR "Sri Lanka" OR lucia OR grenadines OR sudan OR suriname OR swaziland OR syria* OR tajikistan OR tanzania OR thailand OR timor OR togo OR tonga OR tunisia OR turkey OR turkmenistan OR tuvalu OR uganda OR ukraine OR uzbekistan OR vanuatu OR venezuela OR vietnam OR gaza OR yemen OR zambia OR zimbabwe OR africa OR asia OR "South America" OR "Latin America") AND TOPIC: (gender OR "female headed" OR "male headed" OR "sexual roles" OR "role conflicts" OR "woman's status" OR "womens rights" OR "sexual discrimination" OR household* OR widow) AND TOPIC: (labor* OR "cash crop" OR tenure OR "tenure system*" OR "land tenure" OR "agricultural tenure" OR "agricultural households" OR nonfarm OR property OR forag* OR "staple food" OR "land rights" OR asset* OR resource* OR bushmeat OR fuelwood OR firewood OR charcoal OR vegetable OR plant OR fruit OR mushroom OR timber OR honey OR access OR "forest product" OR ntfp OR participatory OR education) AND TOPIC: (forest* OR tree* OR agroforest* OR woodland OR mangrove OR savanna* OR shrub OR wood OR bush OR "rights to land" OR biodiversity) AND TOPIC: ("food security" OR income OR cash OR wealth OR poverty OR hunger OR nutriti* OR malnutrition OR vitamin* OR diet OR livelihood* OR rights OR diversity OR consumption OR equity)

Scopus

TITLE-ABS-KEY((angola OR afghanistan OR albania OR algeria OR "American Samoa" OR argentina OR armenia OR azerbaijan OR bangladesh OR belarus OR belize OR benin OR bhutan OR bolivia OR bosnia OR botswana OR brazil OR bulgaria OR "Burkina Faso" OR burundi OR "Cabo Verde" OR cambodia OR cameroon OR "Central African Republic" OR chad OR china OR colombia OR comoros OR congo OR "Costa Rica" OR "Côte d'Ivoire" OR cuba OR djibouti OR dominic* OR ecuador OR egypt OR salvador OR eritrea OR ethiopia OR fiji OR gabon OR gambia OR georgia OR ghana OR grenada OR guatemala OR guinea OR guyana OR haiti OR honduras OR hungary OR india OR indonesia OR iran OR iraq OR jamaica OR jordan OR kazakhstan OR kenya OR kiribati OR "North Korea" OR kosovo OR "Kyrgyz Republic" OR lao* OR lebanon OR lesotho OR liberia OR libya OR macedonia OR madagascar OR malawi OR malaysia OR maldives OR mali OR "Marshall Islands" OR mauritania OR mauritius OR mexico OR micronesia OR moldova OR mongolia OR montenegro OR morocco OR mozambique OR

myanmar OR burma OR namibia OR nepal OR nicaragua OR niger OR nigeria OR pakistan OR palau OR panama OR papua OR paraguay OR peru OR philippines OR romania OR rwanda OR samoa OR "São Tomé" OR senegal OR serbia OR seychelles OR "Sierra Leone" OR "Solomon Islands" OR somalia OR "South Africa" OR "Sri Lanka" OR lucia OR grenadines OR sudan OR suriname OR swaziland OR syria* OR tajikistan OR tanzania OR thailand OR timor OR togo OR tonga OR tunisia OR turkey OR turkmenistan OR tuvalu OR uganda OR ukraine OR uzbekistan OR vanuatu OR venezuela OR vietnam OR gaza OR yemen OR zambia OR zimbabwe OR africa OR asia OR "South America" OR "Latin America")) AND TITLE-ABS-KEY((gender OR "female headed" OR "male headed" OR "sexual roles" OR "role conflicts" OR "woman's status" OR "womens rights" OR "sexual discrimination" OR household* OR widow)) AND TITLE-ABS-KEY((labor* OR "cash crop" OR tenure OR "tenure system*" OR "land tenure" OR "agricultural tenure" OR "agricultural households" OR nonfarm OR property OR forag* OR "staple food" OR "land rights" OR asset* OR resource* OR bushmeat OR fuelwood OR firewood OR charcoal OR vegetable OR plant OR fruit OR mushroom OR timber OR honey OR access OR "forest product" OR ntfp OR participatory OR education)) AND TITLE-ABS-KEY((forest* OR tree* OR agroforest* OR woodland OR mangrove OR savanna* OR shrub OR wood OR bush OR "rights to land" OR biodiversity)) AND TITLE-ABS-KEY(("food security" OR income OR cash OR wealth OR poverty OR hunger OR nutriti* OR malnutrition OR vitamin* OR diet OR livelihood* OR rights OR diversity OR consumption OR equity))

Simplified search for Google Scholar and organization websites

(Gender OR household) AND (Access* OR use) AND (Forest* OR tree* OR agroforest*) AND (Asset* OR Resource* OR plant OR wood) AND (Nutriti* OR diet* OR deficienc*) AND (Food* OR Crop* OR Fish*)

The asterisks in table S4 indicates a truncation, so that the stem of the word is searched together with all variants with additional letters following the stem, e.g. forest*= forest, forests, forestry, etc.